COMUNE DI GASSINO TORINESE (TO)

REALIZZAZIONE SCUOLA PRIMARIA CON 15 CLASSI

AGOSTO 2020

RESPONSABILE PROCEDIMENTO: Arch. Anna Casalone

PROGETTISTI

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PROGETTO DEFINITIVO
SVILUPPATO A LIVELLO ESECUTIVO

REV_02

TABULATI DI CALCOLO - BLOCCO 1

GASS_D_Stru
004D

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

Young	modulo di elasticità normale E
Poisson	coefficiente di contrazione trasversale ni
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica
Fattore di confidenza FC m	Fattore di confidenza specifico per materiale; (è riportato solo se diverso da quello globale della struttura)
Fattore di confidenza FC a	Fattore di confidenza specifico per l'armatura (è riportato solo se diverso da quello globale della struttura)
Elasto-plastico	Materiale elastico perfettamente plastico per aste non lineari
Massima compressione	Massima tensione di compressione per aste non lineari
Massima trazione	Massima tensione di trazione per aste non lineari
Fattore attrito	Coefficinete di attrito per aste non lineari
Rapporto HRDb	Rapporto di hardening a flessione
Rapporto HRDv	Rapporto di hardening a taglio

I dati sopraripportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	cemento armato		
		Resistenza Rc	resistenza a cmpressione cubica
		Resistenza fctm	resistenza media a trazione semplice
		Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio		
		Tensione ft	Valore della tensione di rottura
		Tensione fy	Valore della tensione di snervamento
		Resistenza fd	Resistenza di calcolo per SL CNR-UNI 10011
		Resistenza fd (>40)	Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm
		Tensione ammissibile	Tensione ammissibile CNR-UNI 10011
		Tensione ammissibile (>40)	Tensione ammissibile CNR-UNI 10011 per spessori > 40mm
3	muratura		
		Muratura consolidata	Muratura per la quale si prevedono interventi di rinforzo"
		Incremento resistenza	Incremento conseguito in termini di resistenza
		Incremento rigidezza	Incremento conseguito in termini di rigidezza

		Resistenza f	Valore della resistenza a compressione
		Resistenza fv0	Valore della resistenza a taglio in assenza di tensioni normali
		Resistenza fh	Valore della resistenza a compressione orizzontale
		Resistenza fb	Valore della resistenza a compressione dei blocchi
		Resistenza fbh	Valore della resistenza a compressione dei blocchi in direzione orizzontale
		Resistenza fv0h	Valore della resistenza a taglio in assenza di tensioni normali per le travi
		Resistenza ft	Valore della resistenza a trazione per fessurazione diagonale
		Resistenza fvlim	Valore della massima resistenza a taglio
		Resistenza fbt	Valore della resistenza a trazione dei blocchi
		Coefficiente mu	Coefficiente d'attrito utilizzato per la resistenza a taglio (tipicamente 0.4)
		Coefficiente fi	Coefficiente d'ingranamento utilizzato per la resistenza a taglio
		Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
4	legno		
		E0,05	Modulo di elasticità corrispondente ad un frattile del 5%
		Resistenza fc0	Valore della resistenza a compressione parallela
		Resistenza ft0	Valore della resistenza a trazione parallela
		Resistenza fm	Valore della resistenza a flessione
		Resistenza fv	Valore della resistenza a taglio
		Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
		Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
		Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
		Modulo E0,05	Modulo elastico parallelo caratteristico
		Lamellare	lamellare o massiccio

Nel tabulato si riportano sia i valori caratteristici che medi utilizzando gli uni e/o gli altri in relazione alle richieste di normativa ed alla tipologia di verifica. (Cap.7 NTC18 per materiali nuovi, Cap.8 NTC18 e relativa circolare 21/01/2019 per materiali esistenti, Linee Guida Reluis per incamiciatura CAM, CNR-DT 200 per interventi con FRP)

Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

Con riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST” - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Modellazione di strutture in c.a.

Test N°	Titolo

41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
51	FATTORE DI STRUTTURA
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
54	PARETI IN C.A. SNELLE IN ZONA SISMICA
80	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
120	PROGETTO E VERIFICA DI TRAVI PREM

Modellazione di strutture in acciaio

Test N°	Titolo
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO
59	FATTORE DI STRUTTURA
60	ACCIAIO D.M.2008
61	ACCIAIO EC3
62	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
63	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA IRRIGIDIMENTI TRASVERSALI
74	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI UN PIATTO DI RINFORZO SALDATO ALL'ANIMA DELLA COLONNA
75	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI DUE PIATTI DI RINFORZO SALDATI ALL'ANIMA DELLA COLONNA
76	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A DUE VIE SU ALI COLONNA
77	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A UNA VIA CON DUE COMBINAZIONI DI CARICO
78	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO SU ANIMA SENZA RINFORZI A QUATTRO FILE DI BULLONI DI CUI UNA SU PIASTRA INFERIORE E UNA SU PIASTRA SUPERIORE
79	VERIFICA DELLA PIASTRA NODO TRAVE COLONNA
85	TELAIO ACCIAIO: CONTROVENTI CONCENTRICI

Modellazione di strutture in muratura

Test N°	Titolo
81	ANALISI PUSHOVER DI UNA STRUTTURA IN MURATURA
84	ANALISI ELASTO PLASTICA INCREMENTALE, PARETE IN MURATURA
86	VERIFICA NON SISMICA DELLE MURATURE (D.M. 87 TA)
87	VERIFICA NON SISMICA DELLE MURATURE (D.M. 2005 SL)
88	FATTORE DI STRUTTURA

Modellazione di strutture in legno

Test N°	Titolo
17	SOLAIO: MISTO LEGNO-CALCESTRUZZO
89	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
90	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
91	FATTORE DI STRUTTURA
92	VERIFICHE EC5
93	SNELLEZZE EC5
94	VERIFICA AL FUOCO DI STRUTTURE IN LEGNO SECONDO EC5
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI
119	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
5	Calcestruzzo Classe C32/40			3.360e+05	0.20	1.400e+05	2.50e-03	1.00e-05	
	Resistenza Rc	400.0							
	Resistenza fctm		31.0						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
13	Acciaio Fe510 - S355			2.100e+06	0.30	8.077e+05	7.80e-03	1.20e-05	
	Tensione ft	5100.0							
	Resistenza fd	3550.0							
	Resistenza fd (>40)	3150.0							
	Tensione ammissibile	2400.0							
	Tensione ammissibile (>40)	2100.0							
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
110	Tamponatura 1100 daN/mc per elemento pannello-muratura E = 6.000e+04			6.000e+04	0.25	2.400e+04	1.10e-03	1.00e-05	
	Resistenza f	50.0							
	Resistenza fh	10.1							
	Resistenza fv0	2.0							
	Resistenza fv0h	2.0							
	Resistenza tau0	1.0							
	Resistenza fvlim	9.8							
	Resistenza fb	150.0							
	Resistenza fbh	30.0							
	Resistenza fbt	15.0							
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Coefficiente mu (tilda)								0.40
	Coefficiente fi								0.50
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
157	Materiale inf. rigido no peso E = 1.000e+09			1.000e+09	0.0	5.000e+08	0.0	1.20e-05	
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
160	Vetro-materiale E = 100.00			100.0	0.0	50.0	2.50e-03	0.0	
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
161	Calcestruzzo Classe C32/40 all H36-Calcestruzzo Classe C32/40			2.910e+05	0.20	1.212e+05	1.88e-03	1.00e-05	
	Resistenza Rc	400.0							
	Resistenza fctm		31.0						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
	Rapporto HRDv								1.00e-05
162	Calcestruzzo Classe C32/40 all H34-Calcestruzzo Classe C32/40			2.825e+05	0.20	1.177e+05	1.84e-03	1.00e-05	
	Resistenza Rc	400.0							
	Resistenza fctm		31.0						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05

Pilastri acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Metodo di calcolo 2-2	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	
2-2 Beta assegnato	2.00	2.00	1.00	2.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	340.00
	0.0	0.0	0.0	0.0	0.0	
Metodo di calcolo 3-3	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato
	Assegnato	Assegnato	Assegnato	Assegnato	Assegnato	
3-3 Beta assegnato	2.00	2.00	1.00	2.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	1135.00
	0.0	0.0	0.0	0.0	0.0	
1-1 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	0.0	340.00
	0.0	0.0	0.0	0.0	0.0	
Generalità						
Coefficiente gamma M0	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	
Coefficiente gamma M1	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	
Coefficiente gamma M2	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	
Effetti del 2 ordine	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	
Momenti equivalenti	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	
Usa condizioni I e II	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
3-3 Beta * L automatico	Si	Si	Si	Si	No	Si
	Si	Si	Si	Si	Si	
3-3 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
3-3 Beta assegnato [cm]	0.0	0.0	0.0	0.0	497.00	1135.00
	0.0	0.0	0.0	0.0	0.0	
2-2 Beta * L automatico	Si	Si	Si	Si	No	Si
	Si	Si	Si	Si	Si	
2-2 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
2-2 Beta * L assegnato [cm]	0.0	0.0	1.00	0.0	1.00	340.00
	1.00	1.00	1.00	1.00	1.00	
1-1 Beta * L automatico	Si	Si	Si	Si	No	Si
	Si	Si	Si	Si	Si	
1-1 Beta assegnato	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0	497.00	340.00
	0.0	0.0	0.0	0.0	0.0	
Generalità						
Coefficiente gamma M0	1.05	1.05	1.05	1.05	1.05	1.05

Travi acc.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
	1.05	1.05	1.05	1.05	1.05	
Coefficiente gamma M1	1.05	1.05	1.05	1.05	1.05	1.05
	1.05	1.05	1.05	1.05	1.05	
Coefficiente gamma M2	1.25	1.25	1.25	1.25	1.25	1.25
	1.25	1.25	1.25	1.25	1.25	
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
Usa condizioni I e II	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	
Momenti equivalenti	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	

Pareti c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Generalità						
Progetto armatura	Singolo elemento	Singolo elemento FONDAZIONE	Singolo elemento NON DISSIPATIVO	Singolo elemento	Singolo elemento NON DISSIPATIVO	Singolo elemento NON DISSIPATIVO
	Singolo elemento NON DISSIPATIVO	Singolo elemento NON DISSIPATIVO	Singolo elemento NON DISSIPATIVO	Singolo elemento NON DISSIPATIVO	Singolo elemento NON DISSIPATIVO	
Armatura						
Inclinazione Av [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	
Angolo Av-Ao [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	
Minima tesa	0.20	0.20	0.20	2.000e-02	0.20	0.20
	0.20	0.20	0.20	0.20	0.20	
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	
Maglia unica centrale	No	No	No	No	No	No
	No	No	No	No	No	
Unico strato verticale	No	No	No	No	No	No
	No	No	No	No	No	
Unico strato orizzontale	No	No	No	No	No	No
	No	No	No	No	No	
Copriferro [cm]	3.50	3.00	5.00	2.00	2.00	2.00
	3.00	3.00	5.00	5.00	5.00	
Maglia V						
diametro	8	12	16	10	10	10
	16	16	16	18	18	
passo	20	25	20	20	25	25
	20	20	10	20	10	
diametro aggiuntivi	8	12	16	12	12	12
	16	16	16	18	18	
Maglia O						
diametro	16	8	12	10	8	8
	12	12	12	12	12	
passo	20	25	20	20	25	25
	20	20	20	20	20	
diametro aggiuntivi	16	8	12	12	8	8
	12	12	12	12	12	
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	
Verifiche con N costante	Si	Si	Si	Si	Si	Si

Pareti c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
	Si	Si	Si	Si	Si	
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50	97.50	97.50
	97.50	97.50	97.50	97.50	97.50	
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
Parete estesa debolmente armata						
Fattore amplificazione taglio V	0.0	1.50	1.50	0.0	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	
Hcrit. par. 7.4.4.5.1 [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Hcrit. par. 7.4.6.1.4 [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Diagramma inviluppo taglio	No	No	No	No	No	No
	No	No	No	No	No	
Vincolo lati	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato
	nessun lato	nessun lato	nessun lato	nessun lato	nessun lato	
Verifica come fascia	No	No	No	No	No	No
	No	No	No	No	No	
Diametro di estremità	0	0	0	0	0	0
	0	0	0	0	0	
Zona confinata						
Minima tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	
Distanza barre [cm]	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	
Interferro	2	2	2	2	2	2
	2	2	2	2	2	
Armatura inclinata						
Area barre [cm2]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Angolo orizzontale [gradi]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Distanza di base [cm]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Resistenza al fuoco						
3- intradosso	No	No	No	No	No	No
	No	No	No	No	No	
3+ estradosso	No	No	No	No	No	No
	No	No	No	No	No	
Tempo di esposizione R	15	15	15	15	15	15
	15	15	15	15	15	

Gusci c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Armatura						
Inclinazione Ax [gradi]	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Angolo Ax-Ay [gradi]	90.00	90.00	90.00	90.00	90.00	90.00
	90.00	90.00	90.00	90.00	90.00	
Minima tesa	0.31	0.10	0.13	0.31	0.13	0.13
	0.13	0.13	0.13	0.13	0.13	
Massima tesa	0.78	0.78	4.00	0.78	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	
Maglia unica centrale	No	No	No	No	No	No
	No	No	No	No	No	
Copriferro [cm]	2.00	6.40	5.40	2.00	2.00	2.00
	5.40	5.40	3.00	3.00	3.00	
Maglia x						
diametro	10	18	16	10	10	10
	14	12	14	14	14	
passo	20	20	17	20	20	20
	17	20	17	17	17	
diametro aggiuntivi	12	18	16	12	12	12
	14	12	14	14	14	
Maglia y						
diametro	10	18	16	10	10	10
	14	12	14	14	14	
passo	20	20	17	20	20	20
	17	20	17	17	17	
diametro aggiuntivi	12	18	16	12	12	12
	14	12	14	14	14	
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	
Verifiche con N costante	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	
Applica SLU da DIN	No	Si	Si	No	No	No
	Si	Si	No	No	No	
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50	97.50	97.50
	97.50	97.50	97.50	97.50	97.50	
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
Resistenza al fuoco						
3- intradosso	No	No	No	No	No	No
	No	No	No	No	No	
3+ estradosso	No	No	No	No	No	No
	No	No	No	No	No	
Tempo di esposizione R	15	15	15	15	15	15
	15	15	15	15	15	

Pilastri c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Generalità						
Progetto armatura	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati
	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati	
Progetta a filo	No	No	Si	No	Si	Si
	Si	Si	Si	Si	Si	
Effetti del 2 ordine	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	
Beta per 2-2	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	

Pilastri c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Beta per 3-3	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
Armatura						
Massima tesa	4.00	4.00	4.00	4.00	4.00	4.00
	4.00	4.00	4.00	4.00	4.00	
Minima tesa	1.00	1.00	0.30	1.00	0.30	0.30
	0.30	0.30	0.30	0.30	0.30	
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	
Tensione fy staffe [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	
Verifiche con N costante	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander	Mander	Mander
	Mander	Mander	Mander	Mander	Mander	
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03
	5.000e-03	5.000e-03	5.000e-03	5.000e-03	5.000e-03	
Fattore lambda	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02
	4.000e-02	4.000e-02	4.000e-02	4.000e-02	4.000e-02	
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03
	4.500e-03	4.500e-03	4.500e-03	4.500e-03	4.500e-03	
epsilon c2	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
epsilon cy	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50	97.50	97.50
	97.50	97.50	97.50	97.50	97.50	
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	
Staffe						
Diametro staffe	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Passo minimo [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	
Passo massimo [cm]	25.00	25.00	25.00	25.00	25.00	25.00
	25.00	25.00	25.00	25.00	25.00	
Passo raffittito [cm]	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	
Lunghezza zona raffittita [cm]	45.00	45.00	45.00	45.00	45.00	45.00
	45.00	45.00	45.00	45.00	45.00	
Ctg(Teta) Max	2.50	2.50	2.50	2.50	2.50	2.50
	2.50	2.50	2.50	2.50	2.50	
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
Massimizza gerarchia	Si	Si	No	Si	No	No
	No	No	No	No	No	

Solai e pannelli	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Generalità						
Usa tensioni ammissibili	No	No	No	No	No	No
	No	No	No	No	No	
Af inf: da traliccio	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	
Consenti armatura a taglio	No	No	No	No	No	No

Solai e pannelli	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
	No	No	No	No	No	
Incrementa armatura longitudinale per taglio	Si	Si	Si	Si	Si	Si
	Si	Si	Si	Si	Si	
Af inf: da q*L*L /	20.00	20.00	20.00	20.00	20.00	20.00
	20.00	20.00	20.00	20.00	20.00	
Incremento fascia piena [cm]	5.00	5.00	5.00	5.00	5.00	5.00
	5.00	5.00	5.00	5.00	5.00	
Armatura						
Minima tesa	0.15	0.15	0.15	0.15	0.15	0.15
	0.15	0.15	0.15	0.15	0.15	
Massima tesa	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	
Minima compressa	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Af/h [cm]	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02
	7.000e-02	7.000e-02	7.000e-02	7.000e-02	7.000e-02	
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00	4500.00	4500.00
	4500.00	4500.00	4500.00	4500.00	4500.00	
Tipo acciaio	tipo C	tipo C	tipo C	tipo C	tipo C	tipo C
	tipo C	tipo C	tipo C	tipo C	tipo C	
Coefficiente gamma s	1.15	1.15	1.15	1.15	1.15	1.15
	1.15	1.15	1.15	1.15	1.15	
Coefficiente gamma c	1.50	1.50	1.50	1.50	1.50	1.50
	1.50	1.50	1.50	1.50	1.50	
Fattore di ridistribuzione	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	85.00	85.00	85.00	85.00	85.00	85.00
	85.00	85.00	85.00	85.00	85.00	
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00	2600.00	2600.00
	2600.00	2600.00	2600.00	2600.00	2600.00	
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00	15.00	15.00
	15.00	15.00	15.00	15.00	15.00	
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00	1.00	1.00
	1.00	1.00	1.00	1.00	1.00	
Verifica freccia						
Infinita	250.00	250.00	250.00	250.00	250.00	250.00
	250.00	250.00	250.00	250.00	250.00	
Istantanea	500.00	500.00	500.00	500.00	500.00	500.00
	500.00	500.00	500.00	500.00	500.00	
Fattore viscosità	3.00	3.00	3.00	3.00	3.00	3.00
	3.00	3.00	3.00	3.00	3.00	
Usa J non fessurato	No	No	No	No	No	No
	No	No	No	No	No	
Elementi non strutturali						
Tamponatura antiespulsione	No	No	No	No	No	No
	No	No	No	No	No	
Tamponatura con armatura	No	No	No	No	No	No
	No	No	No	No	No	
Fattore di struttura/comportamento	2.00	2.00	2.00	2.00	2.00	2.00
	2.00	2.00	2.00	2.00	2.00	
Coefficiente gamma m	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Periodo Ta	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	
Altezza pannello	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

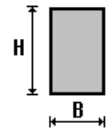
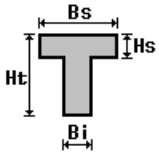
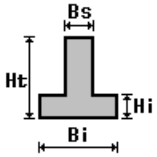
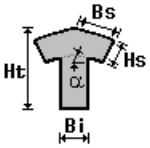
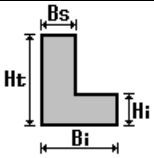
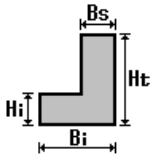
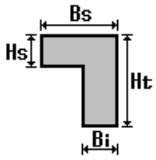
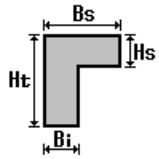
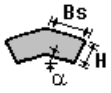
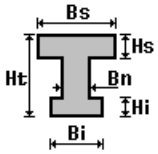
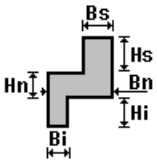
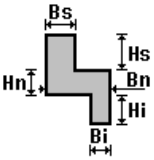
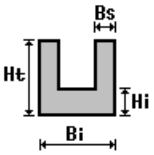
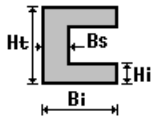
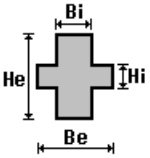
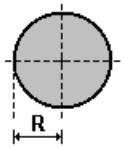
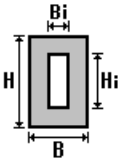
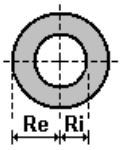
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1. sezione di tipo generico
2. profilati semplici
3. profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.

 rettangolare	 a T	 a T rovescia	 a T di colmo	 a L	 a L specchiata
 a L specchiata rovescia	 a L rovescia	 a L di colmo	 a doppio T	 a quattro specchiata	 a quattro
 a U	 a C	 a croce	 circolare	 rettangolare cava	 circolare cava

Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilatari.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

Con riferimento al Documento di Affidabilità "Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST" - versione Settembre 2014, disponibile per il download sul sito www.2si.it, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
1	CARATTERISTICHE GEOMETRICHE E INERZIALI
45	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
49	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
50	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
51	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
104	ANALISI DI RESISTENZA AL FUOCO

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	Rettangolare: b=50 h=50	2500.00	2083.33	2083.33	8.785e+05	5.208e+05	5.208e+05	2.083e+04	2.083e+04	3.125e+04	3.125e+04
2	Circolare: r=25	1963.50	1656.68	1656.68	6.136e+05	3.068e+05	3.068e+05	1.227e+04	1.227e+04	2.083e+04	2.083e+04
3	HEB 300	149.10	0.0	0.0	185.00	8563.00	2.517e+04	570.90	1677.70	870.10	1868.70
4	Rettangolare: b=40 h=100	4000.00	3333.33	3333.33	1.596e+06	5.333e+05	3.333e+06	2.667e+04	6.667e+04	4.000e+04	1.000e+05
6	Circolare: r=20	1256.64	1060.27	1060.27	2.513e+05	1.257e+05	1.257e+05	6283.19	6283.19	1.067e+04	1.067e+04
7	Circolare: r=30	2827.43	2385.62	2385.62	1.272e+06	6.362e+05	6.362e+05	2.121e+04	2.121e+04	3.600e+04	3.600e+04
8	HEB 220	91.00	0.0	0.0	76.60	2843.00	8091.00	258.50	735.50	393.90	827.00
9	HEB 300	149.10	0.0	0.0	185.00	8563.00	2.517e+04	570.90	1677.70	870.10	1868.70
10	Circolare: r=0.5	0.79	0.66	0.66	0.10	0.05	0.05	0.10	0.10	0.17	0.17
11	Rettangolare: b=30 h=110	3300.00	2750.00	2750.00	8.199e+05	2.475e+05	3.327e+06	1.650e+04	6.050e+04	2.475e+04	9.075e+04
12	Rettangolare: b=60 h=60	3600.00	3000.00	3000.00	1.822e+06	1.080e+06	1.080e+06	3.600e+04	3.600e+04	5.400e+04	5.400e+04
13	Rettangolare: b=35 h=35	1225.00	1020.83	1020.83	2.109e+05	1.251e+05	1.251e+05	7145.83	7145.83	1.072e+04	1.072e+04
14	Rettangolare: b=40 h=40	1600.00	1333.33	1333.33	3.599e+05	2.133e+05	2.133e+05	1.067e+04	1.067e+04	1.600e+04	1.600e+04

MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.
Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).
Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z
Note	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero).
Note	(FS = 1, 2,…) eventuale codice del tipo di fondazione speciale (1, 2,… fanno riferimento alle tipologie: plinto, palo, plinto su pali,…) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo
Rig. TX	valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ).

Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 17/01/18

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
1	-621.1	377.7	-80.0	2	-621.1	197.2	-80.0	3	-407.1	197.2	-80.0
4	-407.1	377.7	-80.0	5	-621.1	332.6	-80.0	6	-621.1	287.5	-80.0
7	-621.1	242.3	-80.0	8	-567.6	197.2	-80.0	9	-514.1	197.2	-80.0
10	-460.6	197.2	-80.0	11	-407.1	242.3	-80.0	12	-407.1	287.5	-80.0
13	-407.1	332.6	-80.0	14	-460.6	377.7	-80.0	15	-514.1	377.7	-80.0
16	-567.6	377.7	-80.0	17	-460.6	242.3	-80.0	18	-514.1	242.3	-80.0
19	-567.6	242.3	-80.0	20	-460.6	287.5	-80.0	21	-514.1	287.5	-80.0
22	-567.6	287.5	-80.0	23	-460.6	332.6	-80.0	24	-514.1	332.6	-80.0
25	-567.6	332.6	-80.0	26	-621.1	509.1	-80.0	27	-407.1	509.1	-80.0
28	-621.1	465.3	-80.0	29	-621.1	421.5	-80.0	30	-407.1	421.5	-80.0
31	-407.1	465.3	-80.0	32	-460.6	509.1	-80.0	33	-514.1	509.1	-80.0
34	-567.6	509.1	-80.0	35	-460.6	421.5	-80.0	36	-514.1	421.5	-80.0
37	-567.6	421.5	-80.0	38	-460.6	465.3	-80.0	39	-514.1	465.3	-80.0
40	-567.6	465.3	-80.0	41	-257.4	377.7	-80.0	42	-257.4	509.1	-80.0
43	-356.6	377.7	-80.0	45	-257.4	421.5	-80.0	46	-257.4	465.3	-80.0
47	-306.1	509.1	-80.0	48	-356.6	509.1	-80.0	49	-306.1	421.5	-80.0
50	-356.6	421.5	-80.0	51	-306.1	465.3	-80.0	52	-356.6	465.3	-80.0
53	-257.4	197.2	-80.0	54	-356.6	197.2	-80.0	55	-306.1	197.2	-80.0
56	-257.4	242.3	-80.0	57	-257.4	287.5	-80.0	58	-257.4	332.6	-80.0
59	-306.1	242.3	-80.0	60	-356.6	242.3	-80.0	61	-306.1	287.5	-80.0
62	-356.6	287.5	-80.0	63	-306.1	332.6	-80.0	64	-356.6	332.6	-80.0
65	-407.1	0.0	-80.0	66	-257.4	0.0	-80.0	67	-407.1	147.9	-80.0
68	-407.1	98.6	-80.0	69	-407.1	49.3	-80.0	70	-356.6	0.0	-80.0
72	-257.4	49.3	-80.0	73	-257.4	98.6	-80.0	74	-257.4	147.9	-80.0
75	-306.1	49.3	-80.0	76	-356.6	49.3	-80.0	77	-306.1	98.6	-80.0
78	-356.6	98.6	-80.0	79	-306.1	147.9	-80.0	80	-356.6	147.9	-80.0
81	-208.6	377.7	-80.0	82	-208.6	509.1	-80.0	83	-208.6	421.5	-80.0
84	-208.6	465.3	-80.0	85	-621.1	0.0	-80.0	86	-621.1	147.9	-80.0
87	-621.1	98.6	-80.0	88	-621.1	49.3	-80.0	89	-567.6	0.0	-80.0
90	-514.1	0.0	-80.0	91	-460.6	0.0	-80.0	92	-460.6	49.3	-80.0
93	-514.1	49.3	-80.0	94	-567.6	49.3	-80.0	95	-460.6	98.6	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
96	-514.1	98.6	-80.0	97	-567.6	98.6	-80.0	98	-460.6	147.9	-80.0
99	-514.1	147.9	-80.0	100	-567.6	147.9	-80.0	101	-62.2	377.7	-80.0
102	-62.2	509.1	-80.0	103	-159.8	377.7	-80.0	104	-111.0	377.7	-80.0
105	-62.2	421.5	-80.0	106	-62.2	465.3	-80.0	107	-111.0	509.1	-80.0
108	-159.8	509.1	-80.0	109	-111.0	421.5	-80.0	110	-159.8	421.5	-80.0
111	-111.0	465.3	-80.0	112	-159.8	465.3	-80.0	113	-208.6	197.2	-80.0
114	-62.2	197.2	-80.0	115	2705.7	546.1	-80.0	116	2736.9	546.1	-80.0
117	811.4	623.2	-80.0	118	-159.8	197.2	-80.0	119	-111.0	197.2	-80.0
120	1000.0	623.2	-80.0	121	811.4	584.7	-80.0	122	1000.0	584.7	-80.0
123	952.9	623.2	-80.0	124	905.7	623.2	-80.0	125	858.5	623.2	-80.0
126	952.9	584.7	-80.0	127	905.7	584.7	-80.0	128	858.5	584.7	-80.0
129	-208.6	0.0	-80.0	130	-62.2	0.0	-80.0	131	-208.6	147.9	-80.0
132	-208.6	98.6	-80.0	133	-208.6	49.3	-80.0	134	-159.8	0.0	-80.0
135	-111.0	0.0	-80.0	136	-62.2	49.3	-80.0	137	-62.2	98.6	-80.0
138	-62.2	147.9	-80.0	139	-111.0	49.3	-80.0	140	-159.8	49.3	-80.0
141	-111.0	98.6	-80.0	142	-159.8	98.6	-80.0	143	-111.0	147.9	-80.0
144	-159.8	147.9	-80.0	145	-10.4	377.7	-80.0	146	-10.4	509.1	-80.0
147	-10.4	421.5	-80.0	148	-10.4	465.3	-80.0	149	-10.4	197.2	-80.0
150	-10.4	242.3	-80.0	151	-10.4	287.4	-80.0	152	-10.4	332.6	-80.0
153	-10.4	0.0	-80.0	154	-10.4	49.3	-80.0	155	-10.4	98.6	-80.0
156	-10.4	147.9	-80.0	157	241.4	377.7	-80.0	158	241.4	509.1	-80.0
160	93.1	377.7	-80.0	161	142.6	377.7	-80.0	162	192.0	377.7	-80.0
163	241.4	421.5	-80.0	164	241.4	465.3	-80.0	165	192.0	509.1	-80.0
166	142.6	509.1	-80.0	167	93.1	509.1	-80.0	168	41.4	509.1	-80.0
169	192.0	421.5	-80.0	170	142.6	421.5	-80.0	171	93.1	421.5	-80.0
172	41.4	421.5	-80.0	173	192.0	465.3	-80.0	174	142.6	465.3	-80.0
175	93.1	465.3	-80.0	176	41.4	465.3	-80.0	177	498.1	584.7	-80.0
178	422.8	584.7	-80.0	179	728.9	197.2	-80.0	180	728.9	242.3	-80.0
181	728.9	287.5	-80.0	182	728.9	332.6	-80.0	183	728.9	0.0	-80.0
184	728.9	49.3	-80.0	185	728.9	98.6	-80.0	186	728.9	147.9	-80.0
188	-621.1	546.1	-80.0	189	-407.1	546.1	-80.0	190	-407.1	623.2	-80.0
191	-621.1	584.7	-80.0	192	-567.6	546.1	-80.0	193	-514.1	546.1	-80.0
194	-460.6	546.1	-80.0	195	-407.1	584.7	-80.0	196	-460.6	623.2	-80.0
197	241.4	0.0	-80.0	199	93.1	0.0	-80.0	200	142.6	0.0	-80.0
201	192.0	0.0	-80.0	202	-514.1	623.2	-80.0	203	-567.6	623.2	-80.0
204	-460.6	584.7	-80.0	205	-514.1	584.7	-80.0	206	-567.6	584.7	-80.0
207	-257.4	546.1	-80.0	208	-257.4	623.2	-80.0	209	-356.6	546.1	-80.0
210	-306.1	546.1	-80.0	211	-257.4	584.7	-80.0	213	-356.6	623.2	-80.0
214	-306.1	584.7	-80.0	215	-356.6	584.7	-80.0	216	-208.6	623.2	-80.0
217	389.7	377.7	-80.0	218	389.7	509.1	-80.0	219	290.8	377.7	-80.0
220	340.3	377.7	-80.0	221	389.7	421.5	-80.0	222	389.7	465.3	-80.0
223	340.3	509.1	-80.0	224	290.8	509.1	-80.0	225	340.3	421.5	-80.0
226	290.8	421.5	-80.0	227	340.3	465.3	-80.0	228	290.8	465.3	-80.0
229	-208.6	546.1	-80.0	230	-62.2	546.1	-80.0	231	-62.2	623.2	-80.0
232	-208.6	584.7	-80.0	233	-159.8	546.1	-80.0	234	-111.0	546.1	-80.0
235	-62.2	584.7	-80.0	236	-111.0	623.2	-80.0	237	-159.8	623.2	-80.0
238	-111.0	584.7	-80.0	239	-159.8	584.7	-80.0	240	-10.4	623.2	-80.0
241	389.7	0.0	-80.0	242	290.8	0.0	-80.0	243	340.3	0.0	-80.0
244	-10.4	546.1	-80.0	245	241.4	546.1	-80.0	246	241.4	623.2	-80.0
247	-10.4	584.7	-80.0	248	41.4	546.1	-80.0	249	93.1	546.1	-80.0
250	142.6	546.1	-80.0	251	192.0	546.1	-80.0	252	241.4	584.7	-80.0
253	695.8	377.7	-80.0	254	695.8	509.1	-80.0	255	422.8	377.7	-80.0
256	498.1	377.7	-80.0	257	547.5	377.7	-80.0	258	597.0	377.7	-80.0
259	646.4	377.7	-80.0	260	695.8	421.5	-80.0	261	695.8	465.3	-80.0
262	646.4	509.1	-80.0	263	597.0	509.1	-80.0	264	547.5	509.1	-80.0
265	498.1	509.1	-80.0	266	422.8	509.1	-80.0	267	646.4	421.5	-80.0
268	597.0	421.5	-80.0	269	547.5	421.5	-80.0	270	498.1	421.5	-80.0
271	422.8	421.5	-80.0	272	646.4	465.3	-80.0	273	597.0	465.3	-80.0
274	547.5	465.3	-80.0	275	498.1	465.3	-80.0	276	422.8	465.3	-80.0
277	728.9	377.7	-80.0	278	728.9	509.1	-80.0	279	728.9	421.5	-80.0
280	728.9	465.3	-80.0	281	695.8	197.2	-80.0	282	192.0	623.2	-80.0
283	142.6	623.2	-80.0	284	93.1	623.2	-80.0	285	41.4	623.2	-80.0
286	192.0	584.7	-80.0	287	695.8	242.3	-80.0	288	695.8	287.5	-80.0
289	695.8	332.6	-80.0	290	142.6	584.7	-80.0	291	93.1	584.7	-80.0
292	41.4	584.7	-80.0	293	389.7	546.1	-80.0	294	340.3	546.1	-80.0
295	290.8	546.1	-80.0	296	389.7	623.2	-80.0	297	389.7	584.7	-80.0
298	340.3	623.2	-80.0	299	290.8	623.2	-80.0	300	340.3	584.7	-80.0
301	290.8	584.7	-80.0	302	695.8	546.1	-80.0	303	695.8	623.2	-80.0
304	422.8	546.1	-80.0	305	695.8	0.0	-80.0	307	498.1	0.0	-80.0
308	547.5	0.0	-80.0	309	597.0	0.0	-80.0	311	695.8	49.3	-80.0
312	695.8	98.6	-80.0	313	695.8	147.9	-80.0	314	498.1	546.1	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
315	547.5	546.1	-80.0	316	597.0	546.1	-80.0	317	646.4	546.1	-80.0
318	695.8	584.7	-80.0	320	597.0	623.2	-80.0	321	547.5	623.2	-80.0
322	498.1	623.2	-80.0	323	422.8	623.2	-80.0	324	646.4	584.7	-80.0
325	597.0	584.7	-80.0	326	547.5	584.7	-80.0	327	-734.3	197.2	-80.0
328	-734.3	0.0	-80.0	329	-734.3	147.9	-80.0	330	-734.3	98.6	-80.0
331	-734.3	49.3	-80.0	332	-677.7	0.0	-80.0	333	-677.7	197.2	-80.0
334	-677.7	49.3	-80.0	335	-677.7	98.6	-80.0	336	-677.7	147.9	-80.0
337	-767.4	0.0	-80.0	338	-767.4	197.2	-80.0	339	-767.4	49.3	-80.0
340	-767.4	98.6	-80.0	341	-767.4	147.9	-80.0	342	-734.3	377.7	-80.0
343	-734.3	332.6	-80.0	344	-734.3	287.5	-80.0	345	-734.3	242.3	-80.0
346	-677.7	377.7	-80.0	347	-677.7	242.3	-80.0	348	-677.7	287.5	-80.0
349	-677.7	332.6	-80.0	350	-734.3	509.1	-80.0	351	-734.3	465.3	-80.0
352	-734.3	421.5	-80.0	353	-677.7	509.1	-80.0	354	-677.7	421.5	-80.0
355	-677.7	465.3	-80.0	356	-734.3	546.1	-80.0	357	-677.7	546.1	-80.0
358	-734.3	623.2	-80.0	359	-734.3	584.7	-80.0	360	-677.7	623.2	-80.0
361	-677.7	584.7	-80.0	362	1333.2	0.0	1095.0	363	1870.6	147.9	1095.0
364	1690.3	0.0	1095.0	365	1234.5	49.3	1095.0	366	1383.0	49.3	1095.0
367	1690.3	49.3	1095.0	368	1690.3	98.6	1095.0	369	1690.3	147.9	1095.0
370	2074.8	0.0	1095.0	371	2074.8	49.3	1095.0	372	2074.8	98.6	1095.0
373	2074.8	147.9	1095.0	374	2163.1	0.0	1095.0	375	1234.5	98.6	1095.0
376	1234.5	147.9	1095.0	377	1140.5	0.0	1095.0	378	1140.5	49.3	1095.0
379	1383.0	98.6	1095.0	380	2119.0	0.0	1095.0	381	2163.1	49.3	1095.0
382	2163.1	98.6	1095.0	383	2163.1	147.9	1095.0	384	2119.0	49.3	1095.0
385	2119.0	98.6	1095.0	386	2119.0	147.9	1095.0	387	2270.1	0.0	1095.0
388	2355.0	0.0	1095.0	389	2270.1	147.9	1095.0	390	2270.1	98.6	1095.0
391	2270.1	49.3	1095.0	392	2428.9	0.0	1095.0	393	2392.0	0.0	1095.0
394	2312.6	0.0	1095.0	395	1915.5	49.3	1095.0	396	2428.9	49.3	1095.0
397	2428.9	98.6	1095.0	398	2428.9	147.9	1095.0	399	2392.0	49.3	1095.0
400	2392.0	98.6	1095.0	401	2392.0	147.9	1095.0	402	2312.6	98.6	1095.0
403	2312.6	147.9	1095.0	404	2211.0	0.0	1095.0	405	2211.0	49.3	1095.0
406	2211.0	98.6	1095.0	407	2211.0	147.9	1095.0	408	1870.6	49.3	1095.0
409	1960.5	98.6	1095.0	410	1915.5	98.6	1095.0	411	1870.6	98.6	1095.0
412	2355.0	49.3	1095.0	413	2355.0	98.6	1095.0	414	2355.0	147.9	1095.0
415	2312.6	49.3	1095.0	416	1234.5	332.6	1095.0	417	1283.3	98.6	1095.0
418	1185.6	0.0	1095.0	419	1383.0	147.9	1095.0	420	1140.5	98.6	1095.0
421	1283.3	147.9	1095.0	422	1185.6	147.9	1095.0	423	1185.6	98.6	1095.0
424	1185.6	49.3	1095.0	425	1234.5	0.0	1095.0	426	1140.5	147.9	1095.0
427	1107.2	0.0	1095.0	428	1107.2	49.3	1095.0	429	1333.2	49.3	1095.0
430	1107.2	98.6	1095.0	431	1107.2	147.9	1095.0	432	1383.0	0.0	1095.0
433	1283.3	49.3	1095.0	434	-804.5	377.7	-80.0	435	-804.5	509.1	-80.0
436	-804.5	421.5	-80.0	437	-804.5	465.3	-80.0	438	-767.4	377.7	-80.0
439	-767.4	509.1	-80.0	440	-767.4	421.5	-80.0	441	-767.4	465.3	-80.0
442	-804.5	197.2	-80.0	443	-804.5	242.3	-80.0	444	-804.5	287.5	-80.0
445	-804.5	332.6	-80.0	447	-804.5	49.3	-80.0	448	-804.5	98.6	-80.0
449	-804.5	147.9	-80.0	450	-767.4	242.3	-80.0	451	-767.4	287.5	-80.0
452	-767.4	332.6	-80.0	453	-1124.5	1203.9	-80.0	454	-1124.5	822.3	-80.0
455	-871.2	822.3	-80.0	456	-871.2	1203.9	-80.0	457	-1124.5	1156.2	-80.0
458	-1124.5	1108.5	-80.0	459	-1124.5	1060.8	-80.0	460	-1124.5	1013.1	-80.0
461	-1124.5	965.4	-80.0	462	-1124.5	917.7	-80.0	463	-1124.5	870.0	-80.0
464	-1073.8	822.3	-80.0	465	-1023.2	822.3	-80.0	466	-972.5	822.3	-80.0
467	-921.8	822.3	-80.0	468	-871.2	870.0	-80.0	469	-871.2	917.7	-80.0
470	-871.2	965.4	-80.0	471	-871.2	1013.1	-80.0	472	-871.2	1060.8	-80.0
473	-871.2	1108.5	-80.0	474	-871.2	1156.2	-80.0	475	-921.8	1203.9	-80.0
476	-972.5	1203.9	-80.0	477	-1023.2	1203.9	-80.0	478	-1073.8	1203.9	-80.0
479	-921.8	870.0	-80.0	480	-972.5	870.0	-80.0	481	-1023.2	870.0	-80.0
482	-1073.8	870.0	-80.0	483	-921.8	917.7	-80.0	484	-972.5	917.7	-80.0
485	-1023.2	917.7	-80.0	486	-1073.8	917.7	-80.0	487	-921.8	965.4	-80.0
488	-972.5	965.4	-80.0	489	-1023.2	965.4	-80.0	490	-1073.8	965.4	-80.0
491	-921.8	1013.1	-80.0	492	-972.5	1013.1	-80.0	493	-1023.2	1013.1	-80.0
494	-1073.8	1013.1	-80.0	495	-921.8	1060.8	-80.0	496	-972.5	1060.8	-80.0
497	-1023.2	1060.8	-80.0	498	-1073.8	1060.8	-80.0	499	-921.8	1108.5	-80.0
500	-972.5	1108.5	-80.0	501	-1023.2	1108.5	-80.0	502	-1073.8	1108.5	-80.0
503	-921.8	1156.2	-80.0	504	-972.5	1156.2	-80.0	505	-1023.2	1156.2	-80.0
506	-1073.8	1156.2	-80.0	507	-1124.5	791.2	-80.0	508	-871.2	791.2	-80.0
509	-1073.8	791.2	-80.0	510	-1023.2	791.2	-80.0	511	-972.5	791.2	-80.0
512	-921.8	791.2	-80.0	513	-1124.5	755.8	-80.0	514	-871.2	755.8	-80.0
515	-1073.8	755.8	-80.0	516	-1023.2	755.8	-80.0	517	-972.5	755.8	-80.0
518	-921.8	755.8	-80.0	519	-1124.5	726.0	-80.0	520	-871.2	726.0	-80.0
521	-1073.8	726.0	-80.0	522	-1023.2	726.0	-80.0	523	-972.5	726.0	-80.0
524	-921.8	726.0	-80.0	525	-1124.5	623.2	-80.0	526	-871.2	623.2	-80.0
527	-1124.5	674.6	-80.0	528	-1073.8	623.2	-80.0	529	-1023.2	623.2	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
530	-972.5	623.2	-80.0	531	-921.8	623.2	-80.0	532	-871.2	674.6	-80.0
533	-921.8	674.6	-80.0	534	-972.5	674.6	-80.0	535	-1023.2	674.6	-80.0
536	-1073.8	674.6	-80.0	538	-871.2	546.1	-80.0	539	-1124.5	584.7	-80.0
540	-1073.8	546.1	-80.0	541	-1023.2	546.1	-80.0	542	-972.5	546.1	-80.0
543	-921.8	546.1	-80.0	544	-871.2	584.7	-80.0	545	-921.8	584.7	-80.0
546	-972.5	584.7	-80.0	547	-1023.2	584.7	-80.0	548	-1073.8	584.7	-80.0
549	-1124.5	1291.4	-80.0	550	-871.2	1291.4	-80.0	551	-1124.5	1247.6	-80.0
552	-871.2	1247.6	-80.0	553	-921.8	1291.4	-80.0	554	-972.5	1291.4	-80.0
555	-1023.2	1291.4	-80.0	556	-1073.8	1291.4	-80.0	557	-921.8	1247.6	-80.0
558	-972.5	1247.6	-80.0	559	-1023.2	1247.6	-80.0	560	-1073.8	1247.6	-80.0
561	-1124.5	1372.7	-80.0	562	-871.2	1372.7	-80.0	563	-1124.5	1332.0	-80.0
564	-871.2	1332.0	-80.0	565	-921.8	1372.7	-80.0	566	-972.5	1372.7	-80.0
567	-1023.2	1372.7	-80.0	568	-1073.8	1372.7	-80.0	569	-921.8	1332.0	-80.0
570	-972.5	1332.0	-80.0	571	-1023.2	1332.0	-80.0	572	-1073.8	1332.0	-80.0
573	-1124.5	1510.9	-80.0	574	-871.2	1510.9	-80.0	575	-1124.5	1464.8	-80.0
576	-1124.5	1418.7	-80.0	577	-871.2	1418.7	-80.0	578	-871.2	1464.8	-80.0
579	-921.8	1510.9	-80.0	580	-972.5	1510.9	-80.0	581	-1023.2	1510.9	-80.0
582	-1073.8	1510.9	-80.0	583	-921.8	1418.7	-80.0	584	-972.5	1418.7	-80.0
585	-1023.2	1418.7	-80.0	586	-1073.8	1418.7	-80.0	587	-921.8	1464.8	-80.0
588	-972.5	1464.8	-80.0	589	-1023.2	1464.8	-80.0	590	-1073.8	1464.8	-80.0
591	695.8	2627.3	-80.0	593	1383.0	2813.9	-80.0	594	-871.2	1563.7	-80.0
595	-921.8	1616.5	-80.0	596	-972.5	1616.5	-80.0	597	-1023.2	1620.2	-80.0
598	-1659.6	755.8	-80.0	599	-921.8	1563.7	-80.0	600	-972.5	1563.7	-80.0
601	-1023.2	1563.7	-80.0	602	-1073.8	1563.7	-80.0	603	1428.9	49.3	1095.0
604	2490.2	0.0	1095.0	605	1474.8	98.6	1095.0	606	1428.9	98.6	1095.0
607	2490.2	49.3	1095.0	608	2490.2	98.6	1095.0	609	2490.2	147.9	1095.0
610	2545.9	0.0	1095.0	611	2545.9	49.3	1095.0	612	2545.9	98.6	1095.0
613	2545.9	147.9	1095.0	614	2572.1	0.0	1095.0	615	1474.8	147.9	1095.0
616	1428.9	147.9	1095.0	617	1643.2	0.0	1095.0	618	1582.0	0.0	1095.0
619	1643.2	49.3	1095.0	620	1643.2	98.6	1095.0	621	1643.2	147.9	1095.0
622	2572.1	49.3	1095.0	623	2572.1	98.6	1095.0	624	2572.1	147.9	1095.0
625	2642.7	0.0	1095.0	626	2642.7	49.3	1095.0	627	2642.7	98.6	1095.0
628	2642.7	147.9	1095.0	629	1960.5	147.9	1095.0	630	1582.0	49.3	1095.0
631	1582.0	98.6	1095.0	632	1582.0	147.9	1095.0	633	1721.3	0.0	1095.0
634	1825.7	0.0	1095.0	635	1721.3	147.9	1095.0	636	1915.5	147.9	1095.0
637	1721.3	98.6	1095.0	638	1721.3	49.3	1095.0	639	1773.5	0.0	1095.0
640	1825.7	49.3	1095.0	641	1825.7	98.6	1095.0	642	1825.7	147.9	1095.0
643	2545.9	332.6	1095.0	644	2572.1	197.2	1095.0	645	2572.1	242.3	1095.0
646	1773.5	49.3	1095.0	647	1333.2	98.6	1095.0	648	1333.2	147.9	1095.0
649	2572.1	287.5	1095.0	650	2572.1	332.6	1095.0	651	2642.7	197.2	1095.0
652	2642.7	242.3	1095.0	653	2642.7	287.5	1095.0	654	1773.5	98.6	1095.0
655	1773.5	147.9	1095.0	656	2005.4	0.0	1095.0	657	1870.6	0.0	1095.0
658	1915.5	0.0	1095.0	659	1960.5	0.0	1095.0	660	2005.4	49.3	1095.0
661	1520.8	0.0	1095.0	662	1428.9	0.0	1095.0	663	2642.7	332.6	1095.0
664	2685.3	197.2	1095.0	665	2005.4	98.6	1095.0	666	2005.4	147.9	1095.0
667	1960.5	49.3	1095.0	668	1474.8	0.0	1095.0	669	1520.8	49.3	1095.0
670	2685.3	242.3	1095.0	671	2685.3	287.5	1095.0	672	2685.3	332.6	1095.0
673	2705.7	197.2	1095.0	674	2705.7	242.3	1095.0	675	2270.1	287.5	1095.0
676	2270.1	332.6	1095.0	677	2705.7	287.5	1095.0	678	1234.5	287.5	1095.0
679	1383.0	242.3	1095.0	680	1383.0	287.5	1095.0	681	1383.0	332.6	1095.0
682	1333.2	332.6	1095.0	683	2355.0	197.2	1095.0	684	2312.6	197.2	1095.0
685	1520.8	98.6	1095.0	686	1520.8	147.9	1095.0	687	2705.7	332.6	1095.0
688	2751.9	197.2	1095.0	689	2751.9	242.3	1095.0	690	2751.9	287.5	1095.0
691	2751.9	332.6	1095.0	692	1283.3	0.0	1095.0	693	1474.8	49.3	1095.0
694	1333.2	287.5	1095.0	695	1333.2	242.3	1095.0	696	1520.8	197.2	1095.0
697	2355.0	242.3	1095.0	698	2355.0	287.5	1095.0	699	2355.0	332.6	1095.0
700	1234.5	242.3	1095.0	701	1428.9	197.2	1095.0	702	1474.8	197.2	1095.0
703	1520.8	242.3	1095.0	704	1520.8	287.5	1095.0	705	2312.6	242.3	1095.0
706	2312.6	287.5	1095.0	707	2163.1	242.3	1095.0	708	2312.6	332.6	1095.0
709	1383.0	197.2	1095.0	710	1520.8	332.6	1095.0	711	1474.8	332.6	1095.0
712	1474.8	287.5	1095.0	713	1474.8	242.3	1095.0	714	2428.9	197.2	1095.0
715	2392.0	197.2	1095.0	716	1333.2	197.2	1095.0	717	1428.9	332.6	1095.0
718	1428.9	287.5	1095.0	719	1428.9	242.3	1095.0	720	1643.2	197.2	1095.0
721	2428.9	242.3	1095.0	722	2428.9	287.5	1095.0	723	2163.1	287.5	1095.0
724	2163.1	332.6	1095.0	725	1283.3	287.5	1095.0	726	1582.0	197.2	1095.0
727	1643.2	242.3	1095.0	728	1643.2	287.5	1095.0	729	2428.9	332.6	1095.0
730	2392.0	242.3	1095.0	731	2392.0	287.5	1095.0	732	1283.3	332.6	1095.0
733	1643.2	332.6	1095.0	734	1582.0	332.6	1095.0	735	1582.0	287.5	1095.0
736	1582.0	242.3	1095.0	737	2392.0	332.6	1095.0	738	2490.2	197.2	1095.0
739	2119.0	242.3	1095.0	740	695.8	19.5	1095.0	741	1690.3	197.2	1095.0
742	1690.3	242.3	1095.0	743	1690.3	287.5	1095.0	744	2490.2	242.3	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
745	2490.2	287.5	1095.0	746	2490.2	332.6	1095.0	747	1960.5	332.6	1095.0
748	646.4	19.5	1095.0	749	1690.3	332.6	1095.0	750	1721.3	197.2	1095.0
751	1721.3	242.3	1095.0	752	2545.9	197.2	1095.0	753	2545.9	242.3	1095.0
754	2545.9	287.5	1095.0	755	1915.5	332.6	1095.0	756	597.0	19.5	1095.0
757	1721.3	287.5	1095.0	758	1721.3	332.6	1095.0	759	1825.7	197.2	1095.0
760	1773.5	197.2	1095.0	761	1773.5	242.3	1095.0	762	2119.0	287.5	1095.0
764	1870.6	242.3	1095.0	765	1960.5	287.5	1095.0	766	1915.5	287.5	1095.0
767	1870.6	332.6	1095.0	768	2074.8	197.2	1095.0	769	2074.8	242.3	1095.0
770	2074.8	287.5	1095.0	771	-1172.7	1203.9	-80.0	772	-1220.8	1203.9	-80.0
773	-1269.0	1203.9	-80.0	774	-1317.2	1203.9	-80.0	775	-1365.3	1203.9	-80.0
776	-1413.5	1203.9	-80.0	777	-1461.7	1203.9	-80.0	778	547.5	19.5	1095.0
779	1825.7	242.3	1095.0	780	1825.7	287.5	1095.0	781	1825.7	332.6	1095.0
782	1773.5	287.5	1095.0	783	1773.5	332.6	1095.0	784	2119.0	332.6	1095.0
785	290.8	19.5	1095.0	786	498.1	19.5	1095.0	787	422.8	19.5	1095.0
788	1107.2	197.2	1095.0	789	2005.4	197.2	1095.0	790	1870.6	197.2	1095.0
791	2211.0	197.2	1095.0	792	241.4	19.5	1095.0	793	1107.2	242.3	1095.0
794	1107.2	287.5	1095.0	795	1107.2	332.6	1095.0	796	1915.5	197.2	1095.0
797	2211.0	242.3	1095.0	798	2211.0	287.5	1095.0	799	192.0	19.5	1095.0
800	1140.5	197.2	1095.0	801	1140.5	242.3	1095.0	802	1140.5	287.5	1095.0
803	1960.5	197.2	1095.0	804	2005.4	242.3	1095.0	805	2074.8	332.6	1095.0
806	142.6	19.5	1095.0	807	1140.5	332.6	1095.0	808	1185.6	197.2	1095.0
809	1185.6	242.3	1095.0	810	2005.4	287.5	1095.0	811	2211.0	332.6	1095.0
812	2163.1	197.2	1095.0	813	93.1	19.5	1095.0	814	1185.6	287.5	1095.0
815	1185.6	332.6	1095.0	816	1283.3	197.2	1095.0	817	2005.4	332.6	1095.0
818	2270.1	197.2	1095.0	819	2119.0	197.2	1095.0	820	41.4	19.5	1095.0
821	1234.5	197.2	1095.0	822	1283.3	242.3	1095.0	823	1960.5	242.3	1095.0
824	1915.5	242.3	1095.0	825	2270.1	242.3	1095.0	826	1870.6	287.5	1095.0
827	-1509.9	1291.4	-80.0	828	-1509.9	1247.6	-80.0	829	-1172.7	1291.4	-80.0
830	-1220.8	1291.4	-80.0	831	-1269.0	1291.4	-80.0	832	-1317.2	1291.4	-80.0
833	-1365.3	1291.4	-80.0	834	-1413.5	1291.4	-80.0	835	-1461.7	1291.4	-80.0
836	-1172.7	1247.6	-80.0	837	-1220.8	1247.6	-80.0	838	-1269.0	1247.6	-80.0
839	-1317.2	1247.6	-80.0	840	-1365.3	1247.6	-80.0	841	-1413.5	1247.6	-80.0
842	-1461.7	1247.6	-80.0	843	-255.7	2069.9	-80.0	844	-1509.9	1335.1	-80.0
845	-1172.7	1372.7	-80.0	846	-1220.8	1372.7	-80.0	847	-1269.0	1372.7	-80.0
848	-1317.2	1372.7	-80.0	849	-1365.3	1372.7	-80.0	850	-1413.5	1372.7	-80.0
851	-1659.6	1013.1	-80.0	852	-1172.7	1332.0	-80.0	853	-1220.8	1332.0	-80.0
854	-1269.0	1332.0	-80.0	855	-1317.2	1332.0	-80.0	856	-1365.3	1332.0	-80.0
857	-1413.5	1332.0	-80.0	858	-1461.7	1332.0	-80.0	859	1050.1	2892.8	-80.0
860	1809.9	3051.5	-80.0	861	728.9	2646.7	-80.0	862	-1172.7	1510.9	-80.0
863	1383.0	2864.5	-80.0	864	1474.8	2915.0	-80.0	865	2545.9	-65.0	-80.0
866	2751.9	332.6	-80.0	867	811.4	2695.0	-80.0	868	2751.9	-115.0	-80.0
869	-1172.7	1418.7	-80.0	870	-1220.8	1418.7	-80.0	871	-1269.0	1418.7	-80.0
872	-1317.2	1418.7	-80.0	873	-1365.3	1419.7	-80.0	874	399.3	2453.6	-80.0
875	770.1	2670.9	-80.0	876	-1172.7	1464.8	-80.0	877	-1220.8	1464.8	-80.0
878	-1269.0	1476.2	-80.0	879	-1659.6	965.4	-80.0	880	2355.0	-65.0	-80.0
881	646.4	2598.4	-80.0	882	1520.8	3016.1	-80.0	883	1781.7	3099.6	-80.0
884	1869.1	2950.4	-80.0	885	695.8	-65.0	-80.0	886	2751.9	197.2	-80.0
887	2751.9	421.5	-80.0	888	2751.9	465.3	-80.0	889	905.7	2750.3	-80.0
890	1012.5	2870.7	-80.0	891	974.8	2848.7	-80.0	892	-1584.3	1291.4	-80.0
893	858.5	2722.7	-80.0	894	2751.9	509.1	-80.0	895	1000.0	2805.6	-80.0
896	2312.6	-65.0	-80.0	897	1160.4	2957.4	-80.0	898	1773.5	2763.4	-80.0
899	1520.8	-15.0	1095.0	900	1428.9	-15.0	1095.0	901	1474.8	-15.0	1095.0
902	1643.2	-15.0	1095.0	903	1582.0	-15.0	1095.0	904	1721.3	-15.0	1095.0
905	1825.7	-15.0	1095.0	906	1773.5	-15.0	1095.0	907	2005.4	-15.0	1095.0
908	1870.6	-15.0	1095.0	909	1915.5	-15.0	1095.0	910	1960.5	-15.0	1095.0
911	1690.3	-15.0	1095.0	912	2074.8	-15.0	1095.0	913	2163.1	-15.0	1095.0
914	2119.0	-15.0	1095.0	915	2270.1	-15.0	1095.0	916	2355.0	-15.0	1095.0
917	2312.6	-15.0	1095.0	918	2428.9	-15.0	1095.0	919	2392.0	-15.0	1095.0
920	2211.0	-15.0	1095.0	921	2490.2	-15.0	1095.0	922	2545.9	-15.0	1095.0
923	2572.1	-15.0	1095.0	924	2642.7	-15.0	1095.0	925	2685.3	-15.0	1095.0
926	2705.7	-15.0	1095.0	927	-767.4	546.1	-80.0	928	-804.5	546.1	-80.0
929	-804.5	623.2	-80.0	930	-804.5	584.7	-80.0	931	-767.4	623.2	-80.0
932	-767.4	584.7	-80.0	933	-734.3	726.0	-80.0	934	-621.1	726.0	-80.0
935	-734.3	674.6	-80.0	936	-621.1	674.6	-80.0	937	-677.7	726.0	-80.0
938	-677.7	674.6	-80.0	939	-804.5	726.0	-80.0	940	-804.5	674.6	-80.0
941	-767.4	726.0	-80.0	942	-767.4	674.6	-80.0	943	-621.1	1203.9	-80.0
944	-621.1	822.3	-80.0	945	-407.1	822.3	-80.0	946	-407.1	1203.9	-80.0
947	-621.1	1156.2	-80.0	948	-621.1	1108.5	-80.0	949	-621.1	1060.8	-80.0
950	-621.1	1013.1	-80.0	951	-621.1	965.4	-80.0	952	-621.1	917.7	-80.0
953	-621.1	870.0	-80.0	954	-567.6	822.3	-80.0	955	-514.1	822.3	-80.0
956	-460.6	822.3	-80.0	957	-407.1	870.0	-80.0	958	-407.1	917.7	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
959	-407.1	965.4	-80.0	960	-407.1	1013.1	-80.0	961	-407.1	1060.8	-80.0
962	-407.1	1108.5	-80.0	963	-407.1	1156.2	-80.0	964	-460.6	1203.9	-80.0
965	-514.1	1203.9	-80.0	966	-567.6	1203.9	-80.0	967	-460.6	870.0	-80.0
968	-514.1	870.0	-80.0	969	-567.6	870.0	-80.0	970	-460.6	917.7	-80.0
971	-514.1	917.7	-80.0	972	-567.6	917.7	-80.0	973	-460.6	965.4	-80.0
974	-514.1	965.4	-80.0	975	-567.6	965.4	-80.0	976	-460.6	1013.1	-80.0
977	-514.1	1013.1	-80.0	978	-567.6	1013.1	-80.0	979	-460.6	1060.8	-80.0
980	-514.1	1060.8	-80.0	981	-567.6	1060.8	-80.0	982	-460.6	1108.5	-80.0
983	-514.1	1108.5	-80.0	984	-567.6	1108.5	-80.0	985	-460.6	1156.2	-80.0
986	-514.1	1156.2	-80.0	987	-567.6	1156.2	-80.0	988	-621.1	791.2	-80.0
989	-407.1	791.2	-80.0	990	-567.6	791.2	-80.0	991	-514.1	791.2	-80.0
992	-460.6	791.2	-80.0	993	-621.1	755.8	-80.0	994	-407.1	755.8	-80.0
995	-567.6	755.8	-80.0	996	-514.1	755.8	-80.0	997	-460.6	755.8	-80.0
998	-407.1	726.0	-80.0	999	-567.6	726.0	-80.0	1000	-514.1	726.0	-80.0
1001	-460.6	726.0	-80.0	1002	-407.1	674.6	-80.0	1003	-460.6	674.6	-80.0
1004	-514.1	674.6	-80.0	1005	-567.6	674.6	-80.0	1006	-804.5	822.3	-80.0
1007	-804.5	1203.9	-80.0	1008	-804.5	870.0	-80.0	1009	-804.5	917.7	-80.0
1010	-804.5	965.4	-80.0	1011	-804.5	1013.1	-80.0	1012	-804.5	1060.8	-80.0
1013	-804.5	1108.5	-80.0	1014	-804.5	1156.2	-80.0	1015	-767.4	822.3	-80.0
1016	-767.4	1203.9	-80.0	1017	-767.4	870.0	-80.0	1018	-767.4	917.7	-80.0
1019	-767.4	965.4	-80.0	1020	-767.4	1013.1	-80.0	1021	-767.4	1060.8	-80.0
1022	-767.4	1108.5	-80.0	1023	-767.4	1156.2	-80.0	1024	-734.3	822.3	-80.0
1026	-734.3	870.0	-80.0	1027	-734.3	917.7	-80.0	1028	-734.3	965.4	-80.0
1029	-734.3	1013.1	-80.0	1030	-734.3	1060.8	-80.0	1031	-734.3	1108.5	-80.0
1032	-734.3	1156.2	-80.0	1033	-677.7	822.3	-80.0	1034	-677.7	1203.9	-80.0
1035	-677.7	870.0	-80.0	1036	-677.7	917.7	-80.0	1037	-677.7	965.4	-80.0
1038	-677.7	1013.1	-80.0	1039	-677.7	1060.8	-80.0	1040	-677.7	1108.5	-80.0
1041	-677.7	1156.2	-80.0	1042	-734.3	791.2	-80.0	1043	-677.7	791.2	-80.0
1044	-804.5	791.2	-80.0	1045	-767.4	791.2	-80.0	1046	-734.3	755.8	-80.0
1047	-677.7	755.8	-80.0	1048	-257.4	822.3	-80.0	1049	-257.4	1203.9	-80.0
1050	-356.6	822.3	-80.0	1051	-306.1	822.3	-80.0	1052	-257.4	870.0	-80.0
1053	-257.4	917.7	-80.0	1054	-257.4	965.4	-80.0	1055	-257.4	1013.1	-80.0
1056	-257.4	1060.8	-80.0	1057	-257.4	1108.5	-80.0	1058	-257.4	1156.2	-80.0
1059	-306.1	1203.9	-80.0	1060	-356.6	1203.9	-80.0	1061	-306.1	870.0	-80.0
1062	-356.6	870.0	-80.0	1063	-306.1	917.7	-80.0	1064	-356.6	917.7	-80.0
1065	-306.1	965.4	-80.0	1066	-356.6	965.4	-80.0	1067	-306.1	1013.1	-80.0
1068	-356.6	1013.1	-80.0	1069	-306.1	1060.8	-80.0	1070	-356.6	1060.8	-80.0
1071	-306.1	1108.5	-80.0	1072	-356.6	1108.5	-80.0	1073	-306.1	1156.2	-80.0
1074	-356.6	1156.2	-80.0	1075	-257.4	791.2	-80.0	1076	-356.6	791.2	-80.0
1077	-306.1	791.2	-80.0	1078	-257.4	726.0	-80.0	1079	-257.4	674.6	-80.0
1080	-306.1	726.0	-80.0	1081	-356.6	726.0	-80.0	1082	-306.1	674.6	-80.0
1083	-356.6	674.6	-80.0	1084	-257.4	755.8	-80.0	1085	-306.1	755.8	-80.0
1086	-356.6	755.8	-80.0	1087	-804.5	755.8	-80.0	1088	-767.4	755.8	-80.0
1089	-208.6	726.0	-80.0	1090	-208.6	674.6	-80.0	1091	-62.2	726.0	-80.0
1092	-62.2	674.6	-80.0	1093	-111.0	726.0	-80.0	1094	-159.8	726.0	-80.0
1095	-111.0	674.6	-80.0	1096	-159.8	674.6	-80.0	1097	-10.4	726.0	-80.0
1098	-10.4	674.6	-80.0	1099	241.4	726.0	-80.0	1100	241.4	674.6	-80.0
1101	192.0	726.0	-80.0	1102	142.6	726.0	-80.0	1103	93.1	726.0	-80.0
1104	41.4	726.0	-80.0	1105	192.0	674.6	-80.0	1106	142.6	674.6	-80.0
1107	93.1	674.6	-80.0	1108	41.4	674.6	-80.0	1109	-10.4	755.8	-80.0
1110	241.4	755.8	-80.0	1111	192.0	755.8	-80.0	1112	142.6	755.8	-80.0
1113	93.1	755.8	-80.0	1114	41.4	755.8	-80.0	1115	-208.6	755.8	-80.0
1116	-62.2	755.8	-80.0	1117	-111.0	755.8	-80.0	1118	-159.8	755.8	-80.0
1119	-208.6	791.2	-80.0	1120	-62.2	791.2	-80.0	1121	-111.0	791.2	-80.0
1122	-159.8	791.2	-80.0	1123	-10.4	791.2	-80.0	1124	811.4	0.0	-80.0
1125	811.4	197.2	-80.0	1126	770.1	0.0	-80.0	1127	811.4	49.3	-80.0
1128	811.4	98.6	-80.0	1129	811.4	147.9	-80.0	1130	770.1	197.2	-80.0
1131	770.1	49.3	-80.0	1132	770.1	98.6	-80.0	1133	770.1	147.9	-80.0
1134	1000.0	0.0	-80.0	1135	1000.0	197.2	-80.0	1136	858.5	0.0	-80.0
1137	905.7	0.0	-80.0	1138	952.9	0.0	-80.0	1139	1000.0	49.3	-80.0
1140	1000.0	98.6	-80.0	1141	1000.0	147.9	-80.0	1142	952.9	197.2	-80.0
1143	905.7	197.2	-80.0	1144	858.5	197.2	-80.0	1145	952.9	49.3	-80.0
1146	905.7	49.3	-80.0	1147	858.5	49.3	-80.0	1148	952.9	98.6	-80.0
1149	905.7	98.6	-80.0	1150	858.5	98.6	-80.0	1151	952.9	147.9	-80.0
1152	905.7	147.9	-80.0	1153	858.5	147.9	-80.0	1155	1075.4	197.2	-80.0
1156	1037.7	0.0	-80.0	1157	1075.4	49.3	-80.0	1158	1075.4	98.6	-80.0
1159	1075.4	147.9	-80.0	1160	1037.7	197.2	-80.0	1161	1037.7	49.3	-80.0
1162	1037.7	98.6	-80.0	1163	1037.7	147.9	-80.0	1164	1107.2	0.0	-80.0
1165	1107.2	197.2	-80.0	1166	1107.2	49.3	-80.0	1167	1107.2	98.6	-80.0
1168	1107.2	147.9	-80.0	1169	1140.5	0.0	-80.0	1170	1140.5	197.2	-80.0
1171	1140.5	49.3	-80.0	1172	1140.5	98.6	-80.0	1173	1140.5	147.9	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
1174	1185.6	0.0	-80.0	1175	1185.6	197.2	-80.0	1176	1185.6	49.3	-80.0
1177	1185.6	98.6	-80.0	1178	1185.6	147.9	-80.0	1179	1283.3	0.0	-80.0
1180	1283.3	197.2	-80.0	1181	1234.5	0.0	-80.0	1182	1283.3	49.3	-80.0
1183	1283.3	98.6	-80.0	1184	1283.3	147.9	-80.0	1185	1234.5	197.2	-80.0
1186	1234.5	147.9	-80.0	1187	1234.5	98.6	-80.0	1188	1234.5	49.3	-80.0
1189	1383.0	0.0	-80.0	1190	1383.0	197.2	-80.0	1191	1333.2	0.0	-80.0
1192	1383.0	49.3	-80.0	1193	1383.0	98.6	-80.0	1194	1383.0	147.9	-80.0
1195	1333.2	197.2	-80.0	1196	1333.2	147.9	-80.0	1197	1333.2	98.6	-80.0
1198	1333.2	49.3	-80.0	1199	1520.8	197.2	-80.0	1200	1520.8	0.0	-80.0
1201	1428.9	197.2	-80.0	1202	1474.8	197.2	-80.0	1203	1520.8	147.9	-80.0
1204	1520.8	98.6	-80.0	1205	1520.8	49.3	-80.0	1206	1474.8	0.0	-80.0
1207	1428.9	0.0	-80.0	1208	1474.8	49.3	-80.0	1209	1474.8	98.6	-80.0
1210	1474.8	147.9	-80.0	1211	1428.9	49.3	-80.0	1212	1428.9	98.6	-80.0
1213	1428.9	147.9	-80.0	1214	1643.2	0.0	-80.0	1215	1643.2	197.2	-80.0
1217	1643.2	49.3	-80.0	1218	1643.2	98.6	-80.0	1219	1643.2	147.9	-80.0
1220	1582.0	197.2	-80.0	1221	1582.0	49.3	-80.0	1222	1582.0	98.6	-80.0
1223	1582.0	147.9	-80.0	1224	1690.3	0.0	-80.0	1225	1690.3	197.2	-80.0
1226	1690.3	49.3	-80.0	1227	1690.3	98.6	-80.0	1228	1690.3	147.9	-80.0
1229	1721.3	0.0	-80.0	1230	1721.3	197.2	-80.0	1231	1721.3	49.3	-80.0
1232	1721.3	98.6	-80.0	1233	1721.3	147.9	-80.0	1234	1825.7	0.0	-80.0
1235	1825.7	197.2	-80.0	1236	1773.5	0.0	-80.0	1237	1825.7	49.3	-80.0
1238	1825.7	98.6	-80.0	1239	1825.7	147.9	-80.0	1240	1773.5	197.2	-80.0
1241	1773.5	147.9	-80.0	1242	1773.5	98.6	-80.0	1243	1773.5	49.3	-80.0
1244	2005.4	0.0	-80.0	1245	2005.4	197.2	-80.0	1246	1870.6	0.0	-80.0
1247	1915.5	0.0	-80.0	1248	1960.5	0.0	-80.0	1249	2005.4	49.3	-80.0
1250	2005.4	98.6	-80.0	1251	2005.4	147.9	-80.0	1252	1960.5	197.2	-80.0
1253	1915.5	197.2	-80.0	1254	1870.6	197.2	-80.0	1255	1960.5	147.9	-80.0
1256	1960.5	98.6	-80.0	1257	1960.5	49.3	-80.0	1258	1915.5	147.9	-80.0
1259	1915.5	98.6	-80.0	1260	1915.5	49.3	-80.0	1261	1870.6	147.9	-80.0
1262	1870.6	98.6	-80.0	1263	1870.6	49.3	-80.0	1264	2074.8	0.0	-80.0
1265	2074.8	197.2	-80.0	1266	2074.8	49.3	-80.0	1267	2074.8	98.6	-80.0
1268	2074.8	147.9	-80.0	1269	2163.1	0.0	-80.0	1270	2163.1	197.2	-80.0
1272	2163.1	49.3	-80.0	1273	2163.1	98.6	-80.0	1274	2163.1	147.9	-80.0
1275	2119.0	197.2	-80.0	1276	2119.0	147.9	-80.0	1277	2119.0	98.6	-80.0
1278	2119.0	49.3	-80.0	1279	2211.0	0.0	-80.0	1280	2211.0	197.2	-80.0
1281	2211.0	49.3	-80.0	1282	2211.0	98.6	-80.0	1283	2211.0	147.9	-80.0
1284	2270.1	0.0	-80.0	1285	2270.1	197.2	-80.0	1286	2270.1	49.3	-80.0
1287	2270.1	98.6	-80.0	1288	2270.1	147.9	-80.0	1289	2355.0	0.0	-80.0
1290	2355.0	197.2	-80.0	1291	2312.6	0.0	-80.0	1292	2355.0	49.3	-80.0
1293	2355.0	98.6	-80.0	1294	2355.0	147.9	-80.0	1295	2312.6	197.2	-80.0
1296	2312.6	147.9	-80.0	1297	2312.6	98.6	-80.0	1298	2312.6	49.3	-80.0
1299	2428.9	197.2	-80.0	1300	2428.9	0.0	-80.0	1301	2392.0	197.2	-80.0
1302	2428.9	147.9	-80.0	1303	2428.9	98.6	-80.0	1304	2428.9	49.3	-80.0
1305	2392.0	0.0	-80.0	1306	2392.0	49.3	-80.0	1307	2392.0	98.6	-80.0
1308	2392.0	147.9	-80.0	1309	2736.9	197.2	-80.0	1310	2736.9	0.0	-80.0
1311	2705.7	0.0	-80.0	1312	2705.7	197.2	-80.0	1313	2736.9	147.9	-80.0
1314	2736.9	98.6	-80.0	1315	2736.9	49.3	-80.0	1316	2705.7	49.3	-80.0
1317	2705.7	98.6	-80.0	1318	2705.7	147.9	-80.0	1319	2685.3	197.2	-80.0
1320	2685.3	0.0	-80.0	1321	2685.3	147.9	-80.0	1322	2685.3	98.6	-80.0
1323	2685.3	49.3	-80.0	1326	2642.7	49.3	-80.0	1327	2642.7	98.6	-80.0
1328	2642.7	147.9	-80.0	1329	2572.1	0.0	-80.0	1330	2572.1	197.2	-80.0
1331	2572.1	49.3	-80.0	1332	2572.1	98.6	-80.0	1333	2572.1	147.9	-80.0
1334	2545.9	0.0	-80.0	1335	2545.9	197.2	-80.0	1336	2545.9	49.3	-80.0
1337	2545.9	98.6	-80.0	1338	2545.9	147.9	-80.0	1339	2490.2	0.0	-80.0
1340	2490.2	197.2	-80.0	1341	2490.2	49.3	-80.0	1342	2490.2	98.6	-80.0
1343	2490.2	147.9	-80.0	1344	1107.2	19.5	-80.0	1345	1140.5	19.5	-80.0
1346	-257.4	19.5	-80.0	1347	-306.1	19.5	-80.0	1348	-356.6	19.5	-80.0
1349	-407.1	19.5	-80.0	1350	-460.6	19.5	-80.0	1351	-514.1	19.5	-80.0
1352	-567.6	19.5	-80.0	1353	-621.1	19.5	-80.0	1354	-62.2	19.5	-80.0
1355	-111.0	19.5	-80.0	1356	-159.8	19.5	-80.0	1357	-208.6	19.5	-80.0
1358	-10.4	19.5	-80.0	1359	728.9	19.5	-80.0	1360	695.8	19.5	-80.0
1361	-677.7	19.5	-80.0	1362	-734.3	19.5	-80.0	1363	-767.4	19.5	-80.0
1364	2685.3	0.0	1095.0	1365	2685.3	49.3	1095.0	1366	2685.3	98.6	1095.0
1367	2685.3	147.9	1095.0	1368	2705.7	0.0	1095.0	1369	2705.7	49.3	1095.0
1370	-804.5	19.5	-80.0	1371	2705.7	98.6	1095.0	1372	2705.7	147.9	1095.0
1373	2751.9	0.0	1095.0	1374	2751.9	49.3	1095.0	1375	2751.9	98.6	1095.0
1376	2751.9	147.9	1095.0	1377	1283.3	19.5	1095.0	1378	1234.5	19.5	1095.0
1379	2751.9	-15.0	1095.0	1380	811.4	19.5	-80.0	1381	770.1	19.5	-80.0
1382	1000.0	19.5	-80.0	1383	952.9	19.5	-80.0	1384	905.7	19.5	-80.0
1385	858.5	19.5	-80.0	1386	1075.4	19.5	-80.0	1387	1037.7	19.5	-80.0
1388	1185.6	19.5	-80.0	1389	1283.3	19.5	-80.0	1390	1234.5	19.5	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
1391	1383.0	19.5	-80.0	1392	1333.2	19.5	-80.0	1393	1520.8	19.5	-80.0
1394	1474.8	19.5	-80.0	1395	1428.9	19.5	-80.0	1396	1643.2	19.5	-80.0
1397	1582.0	19.5	-80.0	1398	1690.3	19.5	-80.0	1399	1721.3	19.5	-80.0
1400	1825.7	19.5	-80.0	1401	1773.5	19.5	-80.0	1402	2005.4	19.5	-80.0
1403	1960.5	19.5	-80.0	1404	1915.5	19.5	-80.0	1405	1870.6	19.5	-80.0
1406	2074.8	19.5	-80.0	1407	2163.1	19.5	-80.0	1408	2119.0	19.5	-80.0
1409	2211.0	19.5	-80.0	1410	2270.1	19.5	-80.0	1411	2355.0	19.5	-80.0
1412	2312.6	19.5	-80.0	1413	2428.9	19.5	-80.0	1414	2392.0	19.5	-80.0
1415	2736.9	19.5	-80.0	1416	2705.7	19.5	-80.0	1417	2685.3	19.5	-80.0
1418	2642.7	19.5	-80.0	1419	2572.1	19.5	-80.0	1420	2545.9	19.5	-80.0
1421	2490.2	19.5	-80.0	1422	811.4	377.7	-80.0	1423	811.4	242.3	-80.0
1424	811.4	287.5	-80.0	1425	811.4	332.6	-80.0	1426	770.1	377.7	-80.0
1427	770.1	242.3	-80.0	1428	770.1	287.5	-80.0	1429	770.1	332.6	-80.0
1430	1000.0	377.7	-80.0	1431	1000.0	242.3	-80.0	1432	1000.0	287.5	-80.0
1433	1000.0	332.6	-80.0	1434	952.9	377.7	-80.0	1435	905.7	377.7	-80.0
1436	858.5	377.7	-80.0	1437	952.9	242.3	-80.0	1438	905.7	242.3	-80.0
1439	858.5	242.3	-80.0	1440	952.9	287.5	-80.0	1441	905.7	287.5	-80.0
1442	858.5	287.5	-80.0	1443	952.9	332.6	-80.0	1444	905.7	332.6	-80.0
1445	858.5	332.6	-80.0	1447	1075.4	242.3	-80.0	1448	1075.4	287.5	-80.0
1449	1075.4	332.6	-80.0	1450	1037.7	377.7	-80.0	1451	1037.7	242.3	-80.0
1452	1037.7	287.5	-80.0	1453	1037.7	332.6	-80.0	1454	1107.2	377.7	-80.0
1455	1107.2	242.3	-80.0	1456	1107.2	287.5	-80.0	1457	1107.2	332.6	-80.0
1458	1140.5	377.7	-80.0	1459	1140.5	242.3	-80.0	1460	1140.5	287.5	-80.0
1461	1140.5	332.6	-80.0	1462	1185.6	377.7	-80.0	1463	1185.6	242.3	-80.0
1464	1185.6	287.5	-80.0	1465	1185.6	332.6	-80.0	1466	1283.3	377.7	-80.0
1467	1283.3	242.3	-80.0	1468	1283.3	287.5	-80.0	1469	1283.3	332.6	-80.0
1470	1234.5	377.7	-80.0	1471	1234.5	242.3	-80.0	1472	1234.5	287.5	-80.0
1473	1234.5	332.6	-80.0	1474	1383.0	377.7	-80.0	1475	1383.0	242.3	-80.0
1476	1383.0	287.5	-80.0	1477	1383.0	332.6	-80.0	1478	1333.2	377.7	-80.0
1479	1333.2	242.3	-80.0	1480	1333.2	287.5	-80.0	1481	1333.2	332.6	-80.0
1482	1520.8	377.7	-80.0	1483	1520.8	242.3	-80.0	1484	1520.8	287.5	-80.0
1485	1520.8	332.6	-80.0	1486	1474.8	377.7	-80.0	1487	1428.9	377.7	-80.0
1488	1474.8	242.3	-80.0	1489	1428.9	242.3	-80.0	1490	1474.8	287.5	-80.0
1491	1428.9	287.5	-80.0	1492	1474.8	332.6	-80.0	1493	1428.9	332.6	-80.0
1494	1643.2	377.7	-80.0	1495	1643.2	242.3	-80.0	1496	1643.2	287.5	-80.0
1497	1643.2	332.6	-80.0	1498	1582.0	377.7	-80.0	1499	1582.0	242.3	-80.0
1500	1582.0	287.5	-80.0	1501	1582.0	332.6	-80.0	1502	1690.3	377.7	-80.0
1503	1690.3	242.3	-80.0	1504	1690.3	287.5	-80.0	1505	1690.3	332.6	-80.0
1506	1721.3	377.7	-80.0	1507	1721.3	242.3	-80.0	1508	1721.3	287.5	-80.0
1509	1721.3	332.6	-80.0	1510	1825.7	377.7	-80.0	1511	1825.7	242.3	-80.0
1512	1825.7	287.5	-80.0	1513	1825.7	332.6	-80.0	1514	1773.5	377.7	-80.0
1515	1773.5	242.3	-80.0	1516	1773.5	287.5	-80.0	1517	1773.5	332.6	-80.0
1518	2005.4	377.7	-80.0	1519	2005.4	242.3	-80.0	1520	2005.4	287.5	-80.0
1521	2005.4	332.6	-80.0	1522	1960.5	377.7	-80.0	1523	1915.5	377.7	-80.0
1524	1870.6	377.7	-80.0	1525	1960.5	242.3	-80.0	1526	1915.5	242.3	-80.0
1527	1870.6	242.3	-80.0	1528	1960.5	287.5	-80.0	1529	1915.5	287.5	-80.0
1530	1870.6	287.5	-80.0	1531	1960.5	332.6	-80.0	1532	1915.5	332.6	-80.0
1533	1870.6	332.6	-80.0	1534	2074.8	377.7	-80.0	1535	2074.8	242.3	-80.0
1536	2074.8	287.5	-80.0	1537	2074.8	332.6	-80.0	1538	2163.1	377.7	-80.0
1539	2163.1	242.3	-80.0	1540	2163.1	287.5	-80.0	1541	2163.1	332.6	-80.0
1542	2119.0	377.7	-80.0	1543	2119.0	242.3	-80.0	1544	2119.0	287.5	-80.0
1545	2119.0	332.6	-80.0	1546	2211.0	377.7	-80.0	1547	2211.0	242.3	-80.0
1548	2211.0	287.5	-80.0	1549	2211.0	332.6	-80.0	1550	2270.1	377.7	-80.0
1551	2270.1	242.3	-80.0	1552	2270.1	287.5	-80.0	1553	2270.1	332.6	-80.0
1554	2355.0	377.7	-80.0	1555	2355.0	242.3	-80.0	1556	2355.0	287.5	-80.0
1557	2355.0	332.6	-80.0	1558	2312.6	377.7	-80.0	1559	2312.6	242.3	-80.0
1560	2312.6	287.5	-80.0	1561	2312.6	332.6	-80.0	1562	2428.9	377.7	-80.0
1563	2428.9	242.3	-80.0	1564	2428.9	287.5	-80.0	1565	2428.9	332.6	-80.0
1566	2392.0	377.7	-80.0	1567	2392.0	242.3	-80.0	1568	2392.0	287.5	-80.0
1569	2392.0	332.6	-80.0	1570	2490.2	377.7	-80.0	1571	2490.2	242.3	-80.0
1572	2490.2	287.5	-80.0	1573	2490.2	332.6	-80.0	1574	2545.9	377.7	-80.0
1575	2545.9	242.3	-80.0	1576	2545.9	287.5	-80.0	1577	2545.9	332.6	-80.0
1578	2572.1	377.7	-80.0	1579	2572.1	242.3	-80.0	1580	2572.1	287.5	-80.0
1581	2572.1	332.6	-80.0	1583	2642.7	242.3	-80.0	1584	2642.7	287.5	-80.0
1585	2642.7	332.6	-80.0	1586	2685.3	377.7	-80.0	1587	2685.3	242.3	-80.0
1588	2685.3	287.5	-80.0	1589	2685.3	332.6	-80.0	1590	2705.7	377.7	-80.0
1591	2705.7	242.3	-80.0	1592	2705.7	287.5	-80.0	1593	2705.7	332.6	-80.0
1594	2736.9	377.7	-80.0	1595	2736.9	242.3	-80.0	1596	2736.9	287.5	-80.0
1597	2736.9	332.6	-80.0	1598	811.4	509.1	-80.0	1599	770.1	509.1	-80.0
1600	811.4	465.3	-80.0	1601	811.4	421.5	-80.0	1602	770.1	421.5	-80.0
1603	770.1	465.3	-80.0	1604	1000.0	509.1	-80.0	1605	858.5	509.1	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
1606	905.7	509.1	-80.0	1607	952.9	509.1	-80.0	1608	1000.0	465.3	-80.0
1609	1000.0	421.5	-80.0	1610	952.9	421.5	-80.0	1611	952.9	465.3	-80.0
1612	905.7	421.5	-80.0	1613	905.7	465.3	-80.0	1614	858.5	421.5	-80.0
1615	858.5	465.3	-80.0	1616	1075.4	509.1	-80.0	1617	1037.7	509.1	-80.0
1618	1075.4	465.3	-80.0	1619	1075.4	421.5	-80.0	1620	1037.7	421.5	-80.0
1621	1037.7	465.3	-80.0	1622	1107.2	509.1	-80.0	1623	1107.2	465.3	-80.0
1624	1107.2	421.5	-80.0	1625	1140.5	509.1	-80.0	1626	1140.5	421.5	-80.0
1627	1140.5	465.3	-80.0	1628	1185.6	509.1	-80.0	1629	1185.6	421.5	-80.0
1630	1185.6	465.3	-80.0	1631	1283.3	509.1	-80.0	1632	1283.3	421.5	-80.0
1633	1283.3	465.3	-80.0	1634	1234.5	509.1	-80.0	1635	1234.5	465.3	-80.0
1636	1234.5	421.5	-80.0	1637	1383.0	509.1	-80.0	1638	1333.2	509.1	-80.0
1639	1383.0	465.3	-80.0	1640	1383.0	421.5	-80.0	1641	1333.2	421.5	-80.0
1642	1333.2	465.3	-80.0	1643	1520.8	509.1	-80.0	1644	1428.9	509.1	-80.0
1645	1474.8	509.1	-80.0	1646	1520.8	465.3	-80.0	1647	1520.8	421.5	-80.0
1648	1474.8	421.5	-80.0	1649	1474.8	465.3	-80.0	1650	1428.9	421.5	-80.0
1651	1428.9	465.3	-80.0	1652	1643.2	509.1	-80.0	1653	1582.0	509.1	-80.0
1654	1643.2	465.3	-80.0	1655	1643.2	421.5	-80.0	1656	1582.0	421.5	-80.0
1657	1582.0	465.3	-80.0	1658	1690.3	509.1	-80.0	1659	1690.3	465.3	-80.0
1660	1690.3	421.5	-80.0	1661	1721.3	509.1	-80.0	1662	1721.3	421.5	-80.0
1663	1721.3	465.3	-80.0	1664	1825.7	509.1	-80.0	1665	1825.7	421.5	-80.0
1666	1825.7	465.3	-80.0	1667	1773.5	509.1	-80.0	1668	1773.5	465.3	-80.0
1669	1773.5	421.5	-80.0	1670	2005.4	509.1	-80.0	1671	2005.4	421.5	-80.0
1672	2005.4	465.3	-80.0	1673	1960.5	509.1	-80.0	1674	1915.5	509.1	-80.0
1675	1870.6	509.1	-80.0	1676	1960.5	465.3	-80.0	1677	1960.5	421.5	-80.0
1678	1915.5	465.3	-80.0	1679	1915.5	421.5	-80.0	1680	1870.6	465.3	-80.0
1681	1870.6	421.5	-80.0	1682	2074.8	509.1	-80.0	1683	2074.8	421.5	-80.0
1684	2074.8	465.3	-80.0	1685	2163.1	509.1	-80.0	1686	2163.1	421.5	-80.0
1687	2163.1	465.3	-80.0	1688	2119.0	509.1	-80.0	1689	2119.0	465.3	-80.0
1690	2119.0	421.5	-80.0	1691	2211.0	509.1	-80.0	1692	2211.0	421.5	-80.0
1693	2211.0	465.3	-80.0	1694	2270.1	509.1	-80.0	1695	2270.1	421.5	-80.0
1696	2270.1	465.3	-80.0	1697	2355.0	509.1	-80.0	1698	2355.0	421.5	-80.0
1699	2355.0	465.3	-80.0	1700	2312.6	509.1	-80.0	1701	2312.6	465.3	-80.0
1702	2312.6	421.5	-80.0	1703	2428.9	509.1	-80.0	1704	2428.9	421.5	-80.0
1705	2428.9	465.3	-80.0	1706	2392.0	509.1	-80.0	1707	2392.0	465.3	-80.0
1708	2392.0	421.5	-80.0	1709	2490.2	509.1	-80.0	1710	2490.2	421.5	-80.0
1711	2490.2	465.3	-80.0	1712	2545.9	509.1	-80.0	1713	2545.9	421.5	-80.0
1714	2545.9	465.3	-80.0	1715	2572.1	509.1	-80.0	1716	2572.1	421.5	-80.0
1717	2572.1	465.3	-80.0	1718	2642.7	509.1	-80.0	1719	2642.7	421.5	-80.0
1720	2642.7	465.3	-80.0	1721	2685.3	509.1	-80.0	1722	2685.3	421.5	-80.0
1723	2685.3	465.3	-80.0	1724	2705.7	509.1	-80.0	1725	2705.7	421.5	-80.0
1726	2705.7	465.3	-80.0	1727	2736.9	509.1	-80.0	1728	2736.9	421.5	-80.0
1729	2736.9	465.3	-80.0	1730	389.7	726.0	-80.0	1731	695.8	726.0	-80.0
1732	389.7	674.6	-80.0	1733	695.8	674.6	-80.0	1734	646.4	726.0	-80.0
1735	597.0	726.0	-80.0	1736	547.5	726.0	-80.0	1737	498.1	726.0	-80.0
1738	422.8	726.0	-80.0	1739	646.4	674.6	-80.0	1740	597.0	674.6	-80.0
1741	547.5	674.6	-80.0	1742	498.1	674.6	-80.0	1743	422.8	674.6	-80.0
1744	290.8	726.0	-80.0	1745	340.3	726.0	-80.0	1746	290.8	674.6	-80.0
1747	340.3	674.6	-80.0	1748	389.7	755.8	-80.0	1749	340.3	755.8	-80.0
1750	290.8	755.8	-80.0	1751	728.9	546.1	-80.0	1752	811.4	546.1	-80.0
1753	770.1	546.1	-80.0	1754	1000.0	546.1	-80.0	1755	952.9	546.1	-80.0
1756	905.7	546.1	-80.0	1757	858.5	546.1	-80.0	1758	1075.4	546.1	-80.0
1759	1037.7	546.1	-80.0	1760	1107.2	546.1	-80.0	1761	1140.5	546.1	-80.0
1762	1185.6	546.1	-80.0	1763	1283.3	546.1	-80.0	1764	1234.5	546.1	-80.0
1765	1383.0	546.1	-80.0	1766	1333.2	546.1	-80.0	1767	1520.8	546.1	-80.0
1768	1474.8	546.1	-80.0	1769	1428.9	546.1	-80.0	1770	1643.2	546.1	-80.0
1771	1582.0	546.1	-80.0	1772	1690.3	546.1	-80.0	1773	1721.3	546.1	-80.0
1774	1825.7	546.1	-80.0	1775	1773.5	546.1	-80.0	1776	2005.4	546.1	-80.0
1777	1960.5	546.1	-80.0	1778	1915.5	546.1	-80.0	1779	1870.6	546.1	-80.0
1780	2074.8	546.1	-80.0	1781	2163.1	546.1	-80.0	1782	2119.0	546.1	-80.0
1783	2211.0	546.1	-80.0	1784	2270.1	546.1	-80.0	1785	2355.0	546.1	-80.0
1786	2312.6	546.1	-80.0	1787	2428.9	546.1	-80.0	1788	2392.0	546.1	-80.0
1789	2490.2	546.1	-80.0	1790	2545.9	546.1	-80.0	1791	2572.1	546.1	-80.0
1792	2642.7	546.1	-80.0	1793	2685.3	546.1	-80.0	1794	241.4	791.2	-80.0
1795	192.0	791.2	-80.0	1796	142.6	791.2	-80.0	1797	93.1	791.2	-80.0
1798	41.4	791.2	-80.0	1799	389.7	791.2	-80.0	1800	340.3	791.2	-80.0
1801	290.8	791.2	-80.0	1802	695.8	755.8	-80.0	1803	646.4	755.8	-80.0
1804	597.0	755.8	-80.0	1805	547.5	755.8	-80.0	1806	498.1	755.8	-80.0
1807	422.8	755.8	-80.0	1808	695.8	791.2	-80.0	1809	646.4	791.2	-80.0
1810	597.0	791.2	-80.0	1811	547.5	791.2	-80.0	1812	498.1	791.2	-80.0
1813	422.8	791.2	-80.0	1814	389.7	822.3	-80.0	1815	695.8	822.3	-80.0
1816	646.4	822.3	-80.0	1817	597.0	822.3	-80.0	1818	547.5	822.3	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
1819	498.1	822.3	-80.0	1820	422.8	822.3	-80.0	1821	241.4	822.3	-80.0
1822	340.3	822.3	-80.0	1823	290.8	822.3	-80.0	1824	241.4	1203.9	-80.0
1825	389.7	1203.9	-80.0	1826	241.4	1156.2	-80.0	1827	241.4	1108.5	-80.0
1828	241.4	1060.8	-80.0	1829	241.4	1013.1	-80.0	1830	241.4	965.4	-80.0
1831	241.4	917.7	-80.0	1832	241.4	870.0	-80.0	1833	389.7	870.0	-80.0
1834	389.7	917.7	-80.0	1835	389.7	965.4	-80.0	1836	389.7	1013.1	-80.0
1837	389.7	1060.8	-80.0	1838	389.7	1108.5	-80.0	1839	389.7	1156.2	-80.0
1840	340.3	1203.9	-80.0	1841	290.8	1203.9	-80.0	1842	340.3	870.0	-80.0
1843	290.8	870.0	-80.0	1844	340.3	917.7	-80.0	1845	290.8	917.7	-80.0
1846	340.3	965.4	-80.0	1847	290.8	965.4	-80.0	1848	340.3	1013.1	-80.0
1849	290.8	1013.1	-80.0	1850	340.3	1060.8	-80.0	1851	290.8	1060.8	-80.0
1852	340.3	1108.5	-80.0	1853	290.8	1108.5	-80.0	1854	340.3	1156.2	-80.0
1855	290.8	1156.2	-80.0	1857	-10.4	822.3	-80.0	1858	-10.4	1156.2	-80.0
1859	-10.4	1108.5	-80.0	1860	-10.4	1060.8	-80.0	1861	-10.4	1013.1	-80.0
1862	-10.4	965.4	-80.0	1863	-10.4	917.7	-80.0	1864	-10.4	870.0	-80.0
1865	41.4	822.3	-80.0	1866	93.1	822.3	-80.0	1867	142.6	822.3	-80.0
1868	192.0	822.3	-80.0	1869	192.0	1203.9	-80.0	1870	142.6	1203.9	-80.0
1871	93.1	1203.9	-80.0	1872	41.4	1203.9	-80.0	1873	192.0	870.0	-80.0
1874	142.6	870.0	-80.0	1875	93.1	870.0	-80.0	1876	41.4	870.0	-80.0
1877	192.0	917.7	-80.0	1878	142.6	917.7	-80.0	1879	93.1	917.7	-80.0
1880	41.4	917.7	-80.0	1881	192.0	965.4	-80.0	1882	142.6	965.4	-80.0
1883	93.1	965.4	-80.0	1884	41.4	965.4	-80.0	1885	192.0	1013.1	-80.0
1886	142.6	1013.1	-80.0	1887	93.1	1013.1	-80.0	1888	41.4	1013.1	-80.0
1889	192.0	1060.8	-80.0	1890	142.6	1060.8	-80.0	1891	93.1	1060.8	-80.0
1892	41.4	1060.8	-80.0	1893	192.0	1108.5	-80.0	1894	142.6	1108.5	-80.0
1895	93.1	1108.5	-80.0	1896	41.4	1108.5	-80.0	1897	192.0	1156.2	-80.0
1898	142.6	1156.2	-80.0	1899	93.1	1156.2	-80.0	1900	41.4	1156.2	-80.0
1901	-62.2	1203.9	-80.0	1902	-62.2	822.3	-80.0	1903	-62.2	1156.2	-80.0
1904	-62.2	1108.5	-80.0	1905	-62.2	1060.8	-80.0	1906	-62.2	1013.1	-80.0
1907	-62.2	965.4	-80.0	1908	-62.2	917.7	-80.0	1909	-62.2	870.0	-80.0
1910	-208.6	1203.9	-80.0	1911	-208.6	822.3	-80.0	1912	-208.6	1156.2	-80.0
1913	-208.6	1108.5	-80.0	1914	-208.6	1060.8	-80.0	1915	-208.6	1013.1	-80.0
1916	-208.6	965.4	-80.0	1917	-208.6	917.7	-80.0	1918	-208.6	870.0	-80.0
1919	-159.8	822.3	-80.0	1920	-111.0	822.3	-80.0	1921	-111.0	1203.9	-80.0
1922	-159.8	1203.9	-80.0	1923	-111.0	870.0	-80.0	1924	-159.8	870.0	-80.0
1925	-111.0	917.7	-80.0	1926	-159.8	917.7	-80.0	1927	-111.0	965.4	-80.0
1928	-159.8	965.4	-80.0	1929	-111.0	1013.1	-80.0	1930	-159.8	1013.1	-80.0
1931	-111.0	1060.8	-80.0	1932	-159.8	1060.8	-80.0	1933	-111.0	1108.5	-80.0
1934	-159.8	1108.5	-80.0	1935	-111.0	1156.2	-80.0	1936	-159.8	1156.2	-80.0
1937	728.9	623.2	-80.0	1938	728.9	584.7	-80.0	1939	770.1	623.2	-80.0
1940	770.1	584.7	-80.0	1941	1075.4	623.2	-80.0	1942	1075.4	584.7	-80.0
1943	1037.7	623.2	-80.0	1944	1037.7	584.7	-80.0	1945	1107.2	623.2	-80.0
1946	1107.2	584.7	-80.0	1947	1140.5	623.2	-80.0	1948	1140.5	584.7	-80.0
1950	1185.6	584.7	-80.0	1951	1283.3	623.2	-80.0	1952	1283.3	584.7	-80.0
1953	1234.5	623.2	-80.0	1954	1234.5	584.7	-80.0	1955	1383.0	623.2	-80.0
1956	1383.0	584.7	-80.0	1957	1333.2	623.2	-80.0	1958	1333.2	584.7	-80.0
1959	1520.8	623.2	-80.0	1960	1520.8	584.7	-80.0	1961	1474.8	623.2	-80.0
1962	1428.9	623.2	-80.0	1963	1474.8	584.7	-80.0	1964	1428.9	584.7	-80.0
1965	1643.2	623.2	-80.0	1966	1643.2	584.7	-80.0	1967	1582.0	623.2	-80.0
1968	1582.0	584.7	-80.0	1969	1690.3	623.2	-80.0	1970	1690.3	584.7	-80.0
1971	1721.3	623.2	-80.0	1972	1721.3	584.7	-80.0	1973	1825.7	623.2	-80.0
1974	1825.7	584.7	-80.0	1975	1773.5	623.2	-80.0	1976	1773.5	584.7	-80.0
1977	2005.4	623.2	-80.0	1978	2005.4	584.7	-80.0	1979	1960.5	623.2	-80.0
1980	1915.5	623.2	-80.0	1981	1870.6	623.2	-80.0	1982	1960.5	584.7	-80.0
1983	1915.5	584.7	-80.0	1984	1870.6	584.7	-80.0	1985	2074.8	623.2	-80.0
1986	2074.8	584.7	-80.0	1987	2163.1	623.2	-80.0	1988	2163.1	584.7	-80.0
1989	2119.0	623.2	-80.0	1990	2119.0	584.7	-80.0	1991	2211.0	623.2	-80.0
1992	2211.0	584.7	-80.0	1993	2270.1	623.2	-80.0	1994	2270.1	584.7	-80.0
1995	2355.0	623.2	-80.0	1996	2355.0	584.7	-80.0	1997	2312.6	623.2	-80.0
1998	2312.6	584.7	-80.0	1999	2428.9	623.2	-80.0	2000	2428.9	584.7	-80.0
2001	2392.0	623.2	-80.0	2002	2392.0	584.7	-80.0	2003	2490.2	623.2	-80.0
2004	2490.2	584.7	-80.0	2005	2545.9	623.2	-80.0	2006	2545.9	584.7	-80.0
2007	2572.1	623.2	-80.0	2008	2572.1	584.7	-80.0	2009	2642.7	623.2	-80.0
2010	2642.7	584.7	-80.0	2011	2685.3	623.2	-80.0	2012	2685.3	584.7	-80.0
2013	2705.7	623.2	-80.0	2014	2705.7	584.7	-80.0	2015	2736.9	623.2	-80.0
2016	2736.9	584.7	-80.0	2017	728.9	726.0	-80.0	2018	728.9	674.6	-80.0
2019	811.4	726.0	-80.0	2020	811.4	674.6	-80.0	2021	770.1	726.0	-80.0
2022	770.1	674.6	-80.0	2023	1000.0	726.0	-80.0	2024	1000.0	674.6	-80.0
2025	952.9	726.0	-80.0	2026	905.7	726.0	-80.0	2027	858.5	726.0	-80.0
2028	952.9	674.6	-80.0	2029	905.7	674.6	-80.0	2030	858.5	674.6	-80.0
2031	1075.4	726.0	-80.0	2032	1075.4	674.6	-80.0	2033	1037.7	726.0	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
2034	1037.7	674.6	-80.0	2035	1107.2	726.0	-80.0	2036	1107.2	674.6	-80.0
2037	1140.5	726.0	-80.0	2038	1140.5	674.6	-80.0	2039	1185.6	726.0	-80.0
2040	1185.6	674.6	-80.0	2041	1283.3	726.0	-80.0	2042	1283.3	674.6	-80.0
2043	1234.5	726.0	-80.0	2044	1234.5	674.6	-80.0	2045	1383.0	726.0	-80.0
2046	1383.0	674.6	-80.0	2047	1333.2	726.0	-80.0	2048	1333.2	674.6	-80.0
2049	1520.8	726.0	-80.0	2050	1520.8	674.6	-80.0	2051	1474.8	726.0	-80.0
2052	1428.9	726.0	-80.0	2053	1474.8	674.6	-80.0	2054	1428.9	674.6	-80.0
2055	1643.2	726.0	-80.0	2056	1643.2	674.6	-80.0	2057	1582.0	726.0	-80.0
2058	1582.0	674.6	-80.0	2059	1690.3	726.0	-80.0	2060	1690.3	674.6	-80.0
2061	1474.8	755.8	-80.0	2062	1428.9	755.8	-80.0	2063	1825.7	726.0	-80.0
2064	1825.7	674.6	-80.0	2065	1643.2	755.8	-80.0	2066	1582.0	755.8	-80.0
2067	2005.4	726.0	-80.0	2068	2005.4	674.6	-80.0	2069	1960.5	726.0	-80.0
2070	1915.5	726.0	-80.0	2071	1870.6	726.0	-80.0	2072	1960.5	674.6	-80.0
2073	1915.5	674.6	-80.0	2074	1870.6	674.6	-80.0	2075	2074.8	726.0	-80.0
2076	2074.8	674.6	-80.0	2077	2163.1	726.0	-80.0	2078	2163.1	674.6	-80.0
2079	2119.0	726.0	-80.0	2080	2119.0	674.6	-80.0	2081	2211.0	726.0	-80.0
2082	2211.0	674.6	-80.0	2083	2270.1	726.0	-80.0	2084	2270.1	674.6	-80.0
2085	2355.0	726.0	-80.0	2086	2355.0	674.6	-80.0	2087	2312.6	726.0	-80.0
2088	2312.6	674.6	-80.0	2089	2428.9	726.0	-80.0	2090	2428.9	674.6	-80.0
2091	2392.0	726.0	-80.0	2092	2392.0	674.6	-80.0	2093	2490.2	726.0	-80.0
2094	2490.2	674.6	-80.0	2095	2705.7	726.0	-80.0	2096	2736.9	726.0	-80.0
2097	2736.9	674.6	-80.0	2098	2705.7	674.6	-80.0	2099	2685.3	726.0	-80.0
2100	2685.3	674.6	-80.0	2102	2642.7	674.6	-80.0	2103	2572.1	726.0	-80.0
2104	2572.1	674.6	-80.0	2105	2545.9	726.0	-80.0	2106	2545.9	674.6	-80.0
2107	728.9	791.2	-80.0	2108	728.9	822.3	-80.0	2109	728.9	755.8	-80.0
2110	811.4	755.8	-80.0	2111	811.4	791.2	-80.0	2112	770.1	755.8	-80.0
2113	770.1	791.2	-80.0	2114	1000.0	755.8	-80.0	2115	1000.0	791.2	-80.0
2116	858.5	755.8	-80.0	2117	905.7	755.8	-80.0	2118	952.9	755.8	-80.0
2119	952.9	791.2	-80.0	2120	905.7	791.2	-80.0	2121	858.5	791.2	-80.0
2122	1075.4	755.8	-80.0	2123	1037.7	755.8	-80.0	2124	1107.2	755.8	-80.0
2125	1140.5	755.8	-80.0	2126	1185.6	755.8	-80.0	2127	1283.3	755.8	-80.0
2128	1234.5	755.8	-80.0	2129	1383.0	755.8	-80.0	2130	1333.2	755.8	-80.0
2131	1520.8	755.8	-80.0	2132	1721.3	726.0	-80.0	2133	1721.3	674.6	-80.0
2134	1773.5	726.0	-80.0	2135	1773.5	674.6	-80.0	2136	1690.3	755.8	-80.0
2138	1825.7	755.8	-80.0	2139	1773.5	755.8	-80.0	2140	2005.4	755.8	-80.0
2141	1960.5	755.8	-80.0	2142	1915.5	755.8	-80.0	2143	1870.6	755.8	-80.0
2144	2074.8	755.8	-80.0	2145	2163.1	755.8	-80.0	2146	2119.0	755.8	-80.0
2147	2211.0	755.8	-80.0	2149	2355.0	755.8	-80.0	2150	2312.6	755.8	-80.0
2151	2736.9	755.8	-80.0	2152	2705.7	755.8	-80.0	2153	2685.3	755.8	-80.0
2154	2642.7	755.8	-80.0	2155	2572.1	755.8	-80.0	2156	2545.9	755.8	-80.0
2157	2490.2	755.8	-80.0	2158	2428.9	755.8	-80.0	2159	2392.0	755.8	-80.0
2160	1283.3	791.2	-80.0	2161	1383.0	791.2	-80.0	2162	1333.2	791.2	-80.0
2163	1075.4	791.2	-80.0	2164	1037.7	791.2	-80.0	2165	1107.2	791.2	-80.0
2166	1140.5	791.2	-80.0	2167	1185.6	791.2	-80.0	2168	1234.5	791.2	-80.0
2169	1520.8	791.2	-80.0	2170	1474.8	791.2	-80.0	2171	1428.9	791.2	-80.0
2172	1643.2	791.2	-80.0	2173	1582.0	791.2	-80.0	2174	1690.3	791.2	-80.0
2175	1721.3	791.2	-80.0	2176	1825.7	791.2	-80.0	2177	1773.5	791.2	-80.0
2178	2005.4	791.2	-80.0	2179	1960.5	791.2	-80.0	2180	1915.5	791.2	-80.0
2181	1870.6	791.2	-80.0	2182	2074.8	791.2	-80.0	2183	2163.1	791.2	-80.0
2184	2119.0	791.2	-80.0	2185	2211.0	791.2	-80.0	2186	2270.1	791.2	-80.0
2187	2355.0	791.2	-80.0	2188	2312.6	791.2	-80.0	2189	2428.9	791.2	-80.0
2190	2392.0	791.2	-80.0	2191	2490.2	791.2	-80.0	2192	2545.9	791.2	-80.0
2193	2572.1	791.2	-80.0	2194	2642.7	791.2	-80.0	2195	2685.3	791.2	-80.0
2196	2705.7	791.2	-80.0	2197	2736.9	791.2	-80.0	2198	695.8	1203.9	-80.0
2199	695.8	870.0	-80.0	2200	695.8	917.7	-80.0	2201	695.8	965.4	-80.0
2202	695.8	1013.1	-80.0	2203	695.8	1060.8	-80.0	2204	695.8	1108.5	-80.0
2205	695.8	1156.2	-80.0	2206	646.4	1203.9	-80.0	2207	597.0	1203.9	-80.0
2208	547.5	1203.9	-80.0	2209	498.1	1203.9	-80.0	2210	422.8	1203.9	-80.0
2211	646.4	870.0	-80.0	2212	597.0	870.0	-80.0	2213	547.5	870.0	-80.0
2214	498.1	870.0	-80.0	2215	422.8	870.0	-80.0	2216	646.4	917.7	-80.0
2217	597.0	917.7	-80.0	2218	547.5	917.7	-80.0	2219	498.1	917.7	-80.0
2220	422.8	917.7	-80.0	2221	646.4	965.4	-80.0	2222	597.0	965.4	-80.0
2223	547.5	965.4	-80.0	2224	498.1	965.4	-80.0	2225	422.8	965.4	-80.0
2226	646.4	1013.1	-80.0	2227	597.0	1013.1	-80.0	2228	547.5	1013.1	-80.0
2229	498.1	1013.1	-80.0	2230	422.8	1013.1	-80.0	2231	646.4	1060.8	-80.0
2232	597.0	1060.8	-80.0	2233	547.5	1060.8	-80.0	2234	498.1	1060.8	-80.0
2235	422.8	1060.8	-80.0	2236	646.4	1108.5	-80.0	2237	597.0	1108.5	-80.0
2238	547.5	1108.5	-80.0	2239	498.1	1108.5	-80.0	2240	422.8	1108.5	-80.0
2241	646.4	1156.2	-80.0	2242	597.0	1156.2	-80.0	2243	547.5	1156.2	-80.0
2244	498.1	1156.2	-80.0	2245	422.8	1156.2	-80.0	2246	728.9	1203.9	-80.0
2247	728.9	870.0	-80.0	2248	728.9	917.7	-80.0	2249	728.9	965.4	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
2250	728.9	1013.1	-80.0	2251	728.9	1060.8	-80.0	2252	728.9	1108.5	-80.0
2253	728.9	1156.2	-80.0	2254	811.4	822.3	-80.0	2256	770.1	822.3	-80.0
2257	811.4	870.0	-80.0	2258	811.4	917.7	-80.0	2259	811.4	965.4	-80.0
2260	811.4	1013.1	-80.0	2261	811.4	1060.8	-80.0	2262	811.4	1108.5	-80.0
2263	811.4	1156.2	-80.0	2264	770.1	1203.9	-80.0	2265	770.1	870.0	-80.0
2266	770.1	917.7	-80.0	2267	770.1	965.4	-80.0	2268	770.1	1013.1	-80.0
2269	770.1	1060.8	-80.0	2270	770.1	1108.5	-80.0	2271	770.1	1156.2	-80.0
2272	1000.0	822.3	-80.0	2273	952.9	822.3	-80.0	2274	905.7	822.3	-80.0
2275	858.5	822.3	-80.0	2276	1000.0	1203.9	-80.0	2277	1000.0	870.0	-80.0
2278	1000.0	917.7	-80.0	2279	1000.0	965.4	-80.0	2280	1000.0	1013.1	-80.0
2281	1000.0	1060.8	-80.0	2282	1000.0	1108.5	-80.0	2283	1000.0	1156.2	-80.0
2284	952.9	1203.9	-80.0	2285	905.7	1203.9	-80.0	2286	858.5	1203.9	-80.0
2287	952.9	870.0	-80.0	2288	905.7	870.0	-80.0	2289	858.5	870.0	-80.0
2290	952.9	917.7	-80.0	2291	905.7	917.7	-80.0	2292	858.5	917.7	-80.0
2293	952.9	965.4	-80.0	2294	905.7	965.4	-80.0	2295	858.5	965.4	-80.0
2296	952.9	1013.1	-80.0	2297	905.7	1013.1	-80.0	2298	858.5	1013.1	-80.0
2299	952.9	1060.8	-80.0	2300	905.7	1060.8	-80.0	2301	858.5	1060.8	-80.0
2302	952.9	1108.5	-80.0	2303	905.7	1108.5	-80.0	2304	858.5	1108.5	-80.0
2305	952.9	1156.2	-80.0	2306	905.7	1156.2	-80.0	2307	858.5	1156.2	-80.0
2308	1075.4	822.3	-80.0	2309	1075.4	1203.9	-80.0	2310	1037.7	822.3	-80.0
2311	1075.4	870.0	-80.0	2312	1075.4	917.7	-80.0	2313	1075.4	965.4	-80.0
2314	1075.4	1013.1	-80.0	2315	1075.4	1060.8	-80.0	2316	1075.4	1108.5	-80.0
2317	1075.4	1156.2	-80.0	2318	1037.7	1203.9	-80.0	2319	1037.7	870.0	-80.0
2320	1037.7	917.7	-80.0	2321	1037.7	965.4	-80.0	2322	1037.7	1013.1	-80.0
2323	1037.7	1060.8	-80.0	2324	1037.7	1108.5	-80.0	2325	1037.7	1156.2	-80.0
2326	1107.2	822.3	-80.0	2327	1107.2	1203.9	-80.0	2328	1107.2	870.0	-80.0
2329	1107.2	917.7	-80.0	2330	1107.2	965.4	-80.0	2331	1107.2	1013.1	-80.0
2332	1107.2	1060.8	-80.0	2333	1107.2	1108.5	-80.0	2334	1107.2	1156.2	-80.0
2335	1140.5	822.3	-80.0	2336	1140.5	1203.9	-80.0	2337	1140.5	870.0	-80.0
2338	1140.5	917.7	-80.0	2339	1140.5	965.4	-80.0	2340	1140.5	1013.1	-80.0
2341	1140.5	1060.8	-80.0	2342	1140.5	1108.5	-80.0	2343	1140.5	1156.2	-80.0
2344	1185.6	822.3	-80.0	2345	1283.3	822.3	-80.0	2346	1234.5	822.3	-80.0
2347	1383.0	822.3	-80.0	2348	1333.2	822.3	-80.0	2349	1520.8	822.3	-80.0
2350	1474.8	822.3	-80.0	2351	1428.9	822.3	-80.0	2352	1643.2	822.3	-80.0
2353	1582.0	822.3	-80.0	2354	1690.3	822.3	-80.0	2355	1721.3	822.3	-80.0
2356	1825.7	822.3	-80.0	2357	1773.5	822.3	-80.0	2358	2005.4	822.3	-80.0
2359	1960.5	822.3	-80.0	2360	1915.5	822.3	-80.0	2361	1870.6	822.3	-80.0
2362	2074.8	822.3	-80.0	2363	2163.1	822.3	-80.0	2364	2119.0	822.3	-80.0
2365	2211.0	822.3	-80.0	2366	2270.1	822.3	-80.0	2367	2355.0	822.3	-80.0
2368	2312.6	822.3	-80.0	2369	2428.9	822.3	-80.0	2370	2392.0	822.3	-80.0
2371	2490.2	822.3	-80.0	2372	2545.9	822.3	-80.0	2373	1185.6	1203.9	-80.0
2374	1185.6	870.0	-80.0	2375	1185.6	917.7	-80.0	2376	1185.6	965.4	-80.0
2377	1185.6	1013.1	-80.0	2378	1185.6	1060.8	-80.0	2379	1185.6	1108.5	-80.0
2380	1185.6	1156.2	-80.0	2381	1283.3	1203.9	-80.0	2382	1283.3	870.0	-80.0
2383	1283.3	917.7	-80.0	2384	1283.3	965.4	-80.0	2385	1283.3	1013.1	-80.0
2386	1283.3	1060.8	-80.0	2387	1283.3	1108.5	-80.0	2388	1283.3	1156.2	-80.0
2390	1234.5	870.0	-80.0	2391	1234.5	917.7	-80.0	2392	1234.5	965.4	-80.0
2393	1234.5	1013.1	-80.0	2394	1234.5	1060.8	-80.0	2395	1234.5	1108.5	-80.0
2396	1234.5	1156.2	-80.0	2397	1383.0	1203.9	-80.0	2398	1383.0	870.0	-80.0
2399	1383.0	917.7	-80.0	2400	1383.0	965.4	-80.0	2401	1383.0	1013.1	-80.0
2402	1383.0	1060.8	-80.0	2403	1383.0	1108.5	-80.0	2404	1383.0	1156.2	-80.0
2405	1333.2	1203.9	-80.0	2406	1333.2	870.0	-80.0	2407	1333.2	917.7	-80.0
2408	1333.2	965.4	-80.0	2409	1333.2	1013.1	-80.0	2410	1333.2	1060.8	-80.0
2411	1333.2	1108.5	-80.0	2412	1333.2	1156.2	-80.0	2413	1520.8	1203.9	-80.0
2414	1520.8	870.0	-80.0	2415	1520.8	917.7	-80.0	2416	1520.8	965.4	-80.0
2417	1520.8	1013.1	-80.0	2418	1520.8	1060.8	-80.0	2419	1520.8	1108.5	-80.0
2420	1520.8	1156.2	-80.0	2421	1474.8	1203.9	-80.0	2422	1428.9	1203.9	-80.0
2423	1474.8	870.0	-80.0	2424	1428.9	870.0	-80.0	2425	1474.8	917.7	-80.0
2426	1428.9	917.7	-80.0	2427	1474.8	965.4	-80.0	2428	1428.9	965.4	-80.0
2429	1474.8	1013.1	-80.0	2430	1428.9	1013.1	-80.0	2431	1474.8	1060.8	-80.0
2432	1428.9	1060.8	-80.0	2433	1474.8	1108.5	-80.0	2434	1428.9	1108.5	-80.0
2435	1474.8	1156.2	-80.0	2436	1428.9	1156.2	-80.0	2438	1643.2	870.0	-80.0
2439	1643.2	917.7	-80.0	2440	1643.2	965.4	-80.0	2441	1643.2	1013.1	-80.0
2442	1643.2	1060.8	-80.0	2443	1643.2	1108.5	-80.0	2444	1643.2	1156.2	-80.0
2445	1582.0	1203.9	-80.0	2446	1582.0	870.0	-80.0	2447	1582.0	917.7	-80.0
2448	1582.0	965.4	-80.0	2449	1582.0	1013.1	-80.0	2450	1582.0	1060.8	-80.0
2451	1582.0	1108.5	-80.0	2452	1582.0	1156.2	-80.0	2453	1690.3	1203.9	-80.0
2454	1690.3	870.0	-80.0	2455	1690.3	917.7	-80.0	2456	1690.3	965.4	-80.0
2457	1690.3	1013.1	-80.0	2458	1690.3	1060.8	-80.0	2459	1690.3	1108.5	-80.0
2460	1690.3	1156.2	-80.0	2461	1721.3	1203.9	-80.0	2462	1721.3	870.0	-80.0
2463	1721.3	917.7	-80.0	2464	1721.3	965.4	-80.0	2465	1721.3	1013.1	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
2466	1721.3	1060.8	-80.0	2467	1721.3	1108.5	-80.0	2468	1721.3	1156.2	-80.0
2469	1825.7	1203.9	-80.0	2470	1825.7	870.0	-80.0	2471	1825.7	917.7	-80.0
2472	1825.7	965.4	-80.0	2473	1825.7	1013.1	-80.0	2474	1825.7	1060.8	-80.0
2475	1825.7	1108.5	-80.0	2476	1825.7	1156.2	-80.0	2477	1773.5	1203.9	-80.0
2478	1773.5	870.0	-80.0	2479	1773.5	917.7	-80.0	2480	1773.5	965.4	-80.0
2481	1773.5	1013.1	-80.0	2482	1773.5	1060.8	-80.0	2483	1773.5	1108.5	-80.0
2484	1773.5	1156.2	-80.0	2485	2005.4	1203.9	-80.0	2486	2005.4	870.0	-80.0
2487	2005.4	917.7	-80.0	2488	2005.4	965.4	-80.0	2489	2005.4	1013.1	-80.0
2490	2005.4	1060.8	-80.0	2491	2005.4	1108.5	-80.0	2492	2005.4	1156.2	-80.0
2493	1960.5	1203.9	-80.0	2494	1915.5	1203.9	-80.0	2495	1870.6	1203.9	-80.0
2496	1960.5	870.0	-80.0	2497	1915.5	870.0	-80.0	2498	1870.6	870.0	-80.0
2499	1960.5	917.7	-80.0	2500	1915.5	917.7	-80.0	2501	1870.6	917.7	-80.0
2502	1960.5	965.4	-80.0	2503	1915.5	965.4	-80.0	2504	1870.6	965.4	-80.0
2505	1960.5	1013.1	-80.0	2506	1915.5	1013.1	-80.0	2507	1870.6	1013.1	-80.0
2508	1960.5	1060.8	-80.0	2509	1915.5	1060.8	-80.0	2510	1870.6	1060.8	-80.0
2511	1960.5	1108.5	-80.0	2512	1915.5	1108.5	-80.0	2513	1870.6	1108.5	-80.0
2514	1960.5	1156.2	-80.0	2515	1915.5	1156.2	-80.0	2516	1870.6	1156.2	-80.0
2517	2074.8	1203.9	-80.0	2518	2074.8	870.0	-80.0	2519	2074.8	917.7	-80.0
2520	2074.8	965.4	-80.0	2521	2074.8	1013.1	-80.0	2522	2074.8	1060.8	-80.0
2523	2074.8	1108.5	-80.0	2524	2074.8	1156.2	-80.0	2525	2163.1	1203.9	-80.0
2526	2163.1	870.0	-80.0	2527	2163.1	917.7	-80.0	2528	2163.1	965.4	-80.0
2529	2163.1	1013.1	-80.0	2530	2163.1	1060.8	-80.0	2531	2163.1	1108.5	-80.0
2532	2163.1	1156.2	-80.0	2533	2119.0	1203.9	-80.0	2534	2119.0	870.0	-80.0
2535	2119.0	917.7	-80.0	2536	2119.0	965.4	-80.0	2537	2119.0	1013.1	-80.0
2538	2119.0	1060.8	-80.0	2539	2119.0	1108.5	-80.0	2540	2119.0	1156.2	-80.0
2541	2211.0	1203.9	-80.0	2542	2211.0	870.0	-80.0	2543	2211.0	917.7	-80.0
2544	2211.0	965.4	-80.0	2545	2211.0	1013.1	-80.0	2546	2211.0	1060.8	-80.0
2547	2211.0	1108.5	-80.0	2548	2211.0	1156.2	-80.0	2550	2270.1	870.0	-80.0
2551	2270.1	917.7	-80.0	2552	2270.1	965.4	-80.0	2553	2270.1	1013.1	-80.0
2554	2270.1	1060.8	-80.0	2555	2270.1	1108.5	-80.0	2556	2270.1	1156.2	-80.0
2557	2355.0	1203.9	-80.0	2558	2355.0	870.0	-80.0	2559	2355.0	917.7	-80.0
2560	2355.0	965.4	-80.0	2561	2355.0	1013.1	-80.0	2562	2355.0	1060.8	-80.0
2563	2355.0	1108.5	-80.0	2564	2355.0	1156.2	-80.0	2565	2312.6	1203.9	-80.0
2566	2312.6	1156.2	-80.0	2567	2312.6	1108.5	-80.0	2568	2312.6	1060.8	-80.0
2569	2312.6	1013.1	-80.0	2570	2312.6	965.4	-80.0	2571	2312.6	917.7	-80.0
2572	2312.6	870.0	-80.0	2573	2428.9	1203.9	-80.0	2574	2428.9	870.0	-80.0
2575	2428.9	917.7	-80.0	2576	2428.9	965.4	-80.0	2577	2428.9	1013.1	-80.0
2578	2428.9	1060.8	-80.0	2579	2428.9	1108.5	-80.0	2580	2428.9	1156.2	-80.0
2581	2392.0	1203.9	-80.0	2582	2392.0	1156.2	-80.0	2583	2392.0	1108.5	-80.0
2584	2392.0	1060.8	-80.0	2585	2392.0	1013.1	-80.0	2586	2392.0	965.4	-80.0
2587	2392.0	917.7	-80.0	2588	2392.0	870.0	-80.0	2589	2490.2	1203.9	-80.0
2590	2490.2	870.0	-80.0	2591	2490.2	917.7	-80.0	2592	2490.2	965.4	-80.0
2593	2490.2	1013.1	-80.0	2594	2490.2	1060.8	-80.0	2595	2490.2	1108.5	-80.0
2596	2490.2	1156.2	-80.0	2597	2545.9	1203.9	-80.0	2598	2545.9	870.0	-80.0
2599	2545.9	917.7	-80.0	2600	2545.9	965.4	-80.0	2601	2545.9	1013.1	-80.0
2602	2545.9	1060.8	-80.0	2603	2545.9	1108.5	-80.0	2604	2545.9	1156.2	-80.0
2605	2572.1	822.3	-80.0	2606	2572.1	1203.9	-80.0	2607	2572.1	870.0	-80.0
2608	2572.1	917.7	-80.0	2609	2572.1	965.4	-80.0	2610	2572.1	1013.1	-80.0
2611	2572.1	1060.8	-80.0	2612	2572.1	1108.5	-80.0	2613	2572.1	1156.2	-80.0
2614	2642.7	822.3	-80.0	2616	2642.7	870.0	-80.0	2617	2642.7	917.7	-80.0
2618	2642.7	965.4	-80.0	2619	2642.7	1013.1	-80.0	2620	2642.7	1060.8	-80.0
2621	2642.7	1108.5	-80.0	2622	2642.7	1156.2	-80.0	2623	2685.3	822.3	-80.0
2624	2685.3	1203.9	-80.0	2625	2685.3	870.0	-80.0	2626	2685.3	917.7	-80.0
2627	2685.3	965.4	-80.0	2628	2685.3	1013.1	-80.0	2629	2685.3	1060.8	-80.0
2630	2685.3	1108.5	-80.0	2631	2685.3	1156.2	-80.0	2632	2705.7	822.3	-80.0
2633	2705.7	1203.9	-80.0	2634	2705.7	870.0	-80.0	2635	2705.7	917.7	-80.0
2636	2705.7	965.4	-80.0	2637	2705.7	1013.1	-80.0	2638	2705.7	1060.8	-80.0
2639	2705.7	1108.5	-80.0	2640	2705.7	1156.2	-80.0	2641	2736.9	822.3	-80.0
2642	2736.9	1203.9	-80.0	2643	2736.9	870.0	-80.0	2644	2736.9	917.7	-80.0
2645	2736.9	965.4	-80.0	2646	2736.9	1013.1	-80.0	2647	2736.9	1060.8	-80.0
2648	2736.9	1108.5	-80.0	2649	2736.9	1156.2	-80.0	2650	-1561.2	1291.4	-80.0
2651	-1558.7	1247.6	-80.0	2652	952.9	2777.9	-80.0	2653	-1124.5	1560.8	-80.0
2654	2091.9	2471.0	-80.0	2655	1383.0	2915.0	-80.0	2656	-381.9	2053.8	-80.0
2657	2347.5	2034.5	-80.0	2658	2299.4	2116.6	-80.0	2659	-804.5	1291.4	-80.0
2660	-804.5	1247.6	-80.0	2661	-767.4	1291.4	-80.0	2662	-767.4	1247.6	-80.0
2663	-734.3	1291.4	-80.0	2664	-734.3	1247.6	-80.0	2665	-621.1	1291.4	-80.0
2666	-621.1	1247.6	-80.0	2667	-677.7	1291.4	-80.0	2668	-677.7	1247.6	-80.0
2669	-407.1	1291.4	-80.0	2670	-407.1	1247.6	-80.0	2671	-460.6	1291.4	-80.0
2672	-514.1	1291.4	-80.0	2673	-567.6	1291.4	-80.0	2674	-460.6	1247.6	-80.0
2675	-514.1	1247.6	-80.0	2676	-567.6	1247.6	-80.0	2677	-257.4	1291.4	-80.0
2678	-257.4	1247.6	-80.0	2679	-306.1	1291.4	-80.0	2680	-356.6	1291.4	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
2681	-306.1	1247.6	-80.0	2682	-356.6	1247.6	-80.0	2683	-208.6	1291.4	-80.0
2684	-208.6	1247.6	-80.0	2685	-62.2	1291.4	-80.0	2686	-62.2	1247.6	-80.0
2687	-111.0	1291.4	-80.0	2688	-159.8	1291.4	-80.0	2689	-111.0	1247.6	-80.0
2690	-159.8	1247.6	-80.0	2691	-10.4	1291.4	-80.0	2692	-10.4	1247.6	-80.0
2693	241.4	1291.4	-80.0	2694	241.4	1247.6	-80.0	2695	192.0	1291.4	-80.0
2696	142.6	1291.4	-80.0	2697	93.1	1291.4	-80.0	2698	41.4	1291.4	-80.0
2699	192.0	1247.6	-80.0	2700	142.6	1247.6	-80.0	2701	93.1	1247.6	-80.0
2702	41.4	1247.6	-80.0	2703	389.7	1291.4	-80.0	2704	389.7	1247.6	-80.0
2705	340.3	1291.4	-80.0	2706	290.8	1291.4	-80.0	2707	340.3	1247.6	-80.0
2708	290.8	1247.6	-80.0	2709	695.8	1291.4	-80.0	2710	695.8	1247.6	-80.0
2711	646.4	1291.4	-80.0	2712	597.0	1291.4	-80.0	2713	547.5	1291.4	-80.0
2714	498.1	1291.4	-80.0	2715	422.8	1291.4	-80.0	2716	646.4	1247.6	-80.0
2717	597.0	1247.6	-80.0	2718	547.5	1247.6	-80.0	2719	498.1	1247.6	-80.0
2720	422.8	1247.6	-80.0	2721	728.9	1291.4	-80.0	2722	728.9	1247.6	-80.0
2723	811.4	1291.4	-80.0	2724	811.4	1247.6	-80.0	2725	770.1	1291.4	-80.0
2726	770.1	1247.6	-80.0	2727	1000.0	1291.4	-80.0	2728	1000.0	1247.6	-80.0
2729	952.9	1291.4	-80.0	2730	905.7	1291.4	-80.0	2731	858.5	1291.4	-80.0
2732	952.9	1247.6	-80.0	2733	905.7	1247.6	-80.0	2734	858.5	1247.6	-80.0
2735	1075.4	1291.4	-80.0	2736	1075.4	1247.6	-80.0	2737	1037.7	1291.4	-80.0
2738	1037.7	1247.6	-80.0	2739	1107.2	1291.4	-80.0	2740	1107.2	1247.6	-80.0
2741	1140.5	1291.4	-80.0	2742	1140.5	1247.6	-80.0	2743	1185.6	1291.4	-80.0
2744	1185.6	1247.6	-80.0	2745	1283.3	1291.4	-80.0	2746	1283.3	1247.6	-80.0
2747	1234.5	1291.4	-80.0	2748	1234.5	1247.6	-80.0	2749	1383.0	1291.4	-80.0
2750	1383.0	1247.6	-80.0	2751	1333.2	1291.4	-80.0	2752	1333.2	1247.6	-80.0
2753	1520.8	1291.4	-80.0	2754	1520.8	1247.6	-80.0	2755	1474.8	1291.4	-80.0
2756	1428.9	1291.4	-80.0	2757	1474.8	1247.6	-80.0	2758	1428.9	1247.6	-80.0
2759	1643.2	1291.4	-80.0	2760	1643.2	1247.6	-80.0	2761	1582.0	1291.4	-80.0
2762	1582.0	1247.6	-80.0	2763	1690.3	1291.4	-80.0	2764	1690.3	1247.6	-80.0
2765	1721.3	1291.4	-80.0	2766	1721.3	1247.6	-80.0	2767	1825.7	1291.4	-80.0
2768	1825.7	1247.6	-80.0	2769	1773.5	1291.4	-80.0	2770	1773.5	1247.6	-80.0
2771	2005.4	1291.4	-80.0	2772	2005.4	1247.6	-80.0	2773	1960.5	1291.4	-80.0
2774	1915.5	1291.4	-80.0	2775	1870.6	1291.4	-80.0	2776	1960.5	1247.6	-80.0
2777	1915.5	1247.6	-80.0	2778	1870.6	1247.6	-80.0	2779	2074.8	1291.4	-80.0
2780	2074.8	1247.6	-80.0	2781	2163.1	1291.4	-80.0	2782	2163.1	1247.6	-80.0
2783	2119.0	1291.4	-80.0	2784	2119.0	1247.6	-80.0	2785	2211.0	1291.4	-80.0
2786	2211.0	1247.6	-80.0	2787	2270.1	1291.4	-80.0	2788	2270.1	1247.6	-80.0
2789	2355.0	1291.4	-80.0	2790	2355.0	1247.6	-80.0	2791	2312.6	1291.4	-80.0
2792	2312.6	1247.6	-80.0	2793	2428.9	1291.4	-80.0	2794	2428.9	1247.6	-80.0
2795	2392.0	1291.4	-80.0	2796	2392.0	1247.6	-80.0	2797	2490.2	1291.4	-80.0
2798	2490.2	1247.6	-80.0	2799	2545.9	1291.4	-80.0	2800	2545.9	1247.6	-80.0
2801	2572.1	1291.4	-80.0	2802	2572.1	1247.6	-80.0	2803	2642.7	1291.4	-80.0
2804	2642.7	1247.6	-80.0	2805	2685.3	1291.4	-80.0	2806	2685.3	1247.6	-80.0
2807	2705.7	1291.4	-80.0	2808	2705.7	1247.6	-80.0	2809	2613.3	1819.2	-80.0
2810	2634.9	1711.9	-80.0	2811	-804.5	1372.7	-80.0	2812	-804.5	1332.0	-80.0
2814	-767.4	1332.0	-80.0	2815	-734.3	1372.7	-80.0	2816	-734.3	1332.0	-80.0
2817	-621.1	1372.7	-80.0	2818	-621.1	1332.0	-80.0	2819	-677.7	1372.7	-80.0
2820	-677.7	1332.0	-80.0	2821	-407.1	1372.7	-80.0	2822	-407.1	1332.0	-80.0
2823	-460.6	1372.7	-80.0	2824	-514.1	1372.7	-80.0	2825	-567.6	1372.7	-80.0
2826	-460.6	1332.0	-80.0	2827	-514.1	1332.0	-80.0	2828	-567.6	1332.0	-80.0
2829	-257.4	1372.7	-80.0	2830	-257.4	1332.0	-80.0	2831	-306.1	1372.7	-80.0
2832	-356.6	1372.7	-80.0	2833	-306.1	1332.0	-80.0	2834	-356.6	1332.0	-80.0
2835	-208.6	1372.7	-80.0	2836	-208.6	1332.0	-80.0	2837	-62.2	1372.7	-80.0
2838	-62.2	1332.0	-80.0	2839	-111.0	1372.7	-80.0	2840	-159.8	1372.7	-80.0
2841	-111.0	1332.0	-80.0	2842	-159.8	1332.0	-80.0	2843	-10.4	1372.7	-80.0
2844	-10.4	1332.0	-80.0	2845	241.4	1372.7	-80.0	2846	241.4	1332.0	-80.0
2847	192.0	1372.7	-80.0	2848	142.6	1372.7	-80.0	2849	93.1	1372.7	-80.0
2850	41.4	1372.7	-80.0	2851	192.0	1332.0	-80.0	2852	142.6	1332.0	-80.0
2853	93.1	1332.0	-80.0	2854	41.4	1332.0	-80.0	2855	389.7	1372.7	-80.0
2856	389.7	1332.0	-80.0	2857	340.3	1372.7	-80.0	2858	290.8	1372.7	-80.0
2859	340.3	1332.0	-80.0	2860	290.8	1332.0	-80.0	2861	695.8	1372.7	-80.0
2862	695.8	1332.0	-80.0	2863	646.4	1372.7	-80.0	2864	597.0	1372.7	-80.0
2865	547.5	1372.7	-80.0	2866	498.1	1372.7	-80.0	2867	422.8	1372.7	-80.0
2868	646.4	1332.0	-80.0	2869	597.0	1332.0	-80.0	2870	547.5	1332.0	-80.0
2871	498.1	1332.0	-80.0	2872	422.8	1332.0	-80.0	2873	728.9	1372.7	-80.0
2874	728.9	1332.0	-80.0	2875	811.4	1372.7	-80.0	2876	811.4	1332.0	-80.0
2877	770.1	1372.7	-80.0	2878	770.1	1332.0	-80.0	2879	1000.0	1372.7	-80.0
2880	1000.0	1332.0	-80.0	2881	952.9	1372.7	-80.0	2882	905.7	1372.7	-80.0
2883	858.5	1372.7	-80.0	2884	952.9	1332.0	-80.0	2885	905.7	1332.0	-80.0
2886	858.5	1332.0	-80.0	2887	1075.4	1372.7	-80.0	2888	1075.4	1332.0	-80.0
2889	1037.7	1372.7	-80.0	2890	1037.7	1332.0	-80.0	2891	1107.2	1372.7	-80.0
2892	1107.2	1332.0	-80.0	2893	1140.5	1372.7	-80.0	2894	1140.5	1332.0	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
2895	1185.6	1372.7	-80.0	2896	1185.6	1332.0	-80.0	2897	1283.3	1372.7	-80.0
2898	1283.3	1332.0	-80.0	2899	1234.5	1372.7	-80.0	2900	1234.5	1332.0	-80.0
2901	1383.0	1372.7	-80.0	2902	1383.0	1332.0	-80.0	2903	1333.2	1372.7	-80.0
2904	1333.2	1332.0	-80.0	2905	1520.8	1372.7	-80.0	2906	1520.8	1332.0	-80.0
2907	1474.8	1372.7	-80.0	2908	1428.9	1372.7	-80.0	2909	1474.8	1332.0	-80.0
2910	1428.9	1332.0	-80.0	2911	1643.2	1372.7	-80.0	2912	1643.2	1332.0	-80.0
2913	1582.0	1372.7	-80.0	2914	1582.0	1332.0	-80.0	2915	1690.3	1372.7	-80.0
2916	1690.3	1332.0	-80.0	2917	1721.3	1372.7	-80.0	2918	1721.3	1332.0	-80.0
2919	1825.7	1372.7	-80.0	2920	1825.7	1332.0	-80.0	2921	1773.5	1372.7	-80.0
2922	1773.5	1332.0	-80.0	2923	2005.4	1372.7	-80.0	2924	2005.4	1332.0	-80.0
2925	1960.5	1372.7	-80.0	2926	1915.5	1372.7	-80.0	2927	1870.6	1372.7	-80.0
2928	1960.5	1332.0	-80.0	2929	1915.5	1332.0	-80.0	2930	1870.6	1332.0	-80.0
2931	2074.8	1372.7	-80.0	2932	2074.8	1332.0	-80.0	2933	2163.1	1372.7	-80.0
2934	2163.1	1332.0	-80.0	2935	2119.0	1372.7	-80.0	2936	2119.0	1332.0	-80.0
2937	2211.0	1372.7	-80.0	2938	2211.0	1332.0	-80.0	2939	2270.1	1372.7	-80.0
2940	2270.1	1332.0	-80.0	2941	2355.0	1372.7	-80.0	2942	2355.0	1332.0	-80.0
2943	2312.6	1372.7	-80.0	2944	2312.6	1332.0	-80.0	2945	2428.9	1372.7	-80.0
2946	2428.9	1332.0	-80.0	2947	2392.0	1372.7	-80.0	2948	2392.0	1332.0	-80.0
2949	2490.2	1372.7	-80.0	2950	2490.2	1332.0	-80.0	2951	2545.9	1372.7	-80.0
2952	2545.9	1332.0	-80.0	2953	2572.1	1372.7	-80.0	2954	2572.1	1332.0	-80.0
2955	2642.7	1372.7	-80.0	2956	2642.7	1332.0	-80.0	2957	2685.3	1372.7	-80.0
2958	2685.3	1332.0	-80.0	2959	1234.5	2864.5	-80.0	2960	2711.2	1332.0	-80.0
2961	2664.6	1563.7	-80.0	2962	2591.5	1927.8	-80.0	2963	-804.5	1510.9	-80.0
2964	-804.5	1418.7	-80.0	2965	-804.5	1464.8	-80.0	2966	-767.4	1510.9	-80.0
2967	-767.4	1418.7	-80.0	2968	-767.4	1464.8	-80.0	2969	-734.3	1510.9	-80.0
2970	-734.3	1464.8	-80.0	2971	-734.3	1418.7	-80.0	2972	-621.1	1510.9	-80.0
2973	-621.1	1418.7	-80.0	2974	-621.1	1464.8	-80.0	2975	-677.7	1510.9	-80.0
2976	-677.7	1418.7	-80.0	2977	-677.7	1464.8	-80.0	2978	-407.1	1510.9	-80.0
2979	-407.1	1418.7	-80.0	2980	-407.1	1464.8	-80.0	2981	-460.6	1510.9	-80.0
2982	-514.1	1510.9	-80.0	2983	-567.6	1510.9	-80.0	2984	-460.6	1418.7	-80.0
2985	-514.1	1418.7	-80.0	2986	-567.6	1418.7	-80.0	2987	-460.6	1464.8	-80.0
2988	-514.1	1464.8	-80.0	2989	-567.6	1464.8	-80.0	2990	-257.4	1510.9	-80.0
2991	-257.4	1418.7	-80.0	2992	-257.4	1464.8	-80.0	2993	-306.1	1510.9	-80.0
2994	-356.6	1510.9	-80.0	2995	-306.1	1418.7	-80.0	2996	-356.6	1418.7	-80.0
2997	-306.1	1464.8	-80.0	2998	-356.6	1464.8	-80.0	2999	-208.6	1510.9	-80.0
3000	-208.6	1418.7	-80.0	3001	-208.6	1464.8	-80.0	3003	-62.2	1418.7	-80.0
3004	-62.2	1464.8	-80.0	3005	-111.0	1510.9	-80.0	3006	-159.8	1510.9	-80.0
3007	-111.0	1418.7	-80.0	3008	-159.8	1418.7	-80.0	3009	-111.0	1464.8	-80.0
3010	-159.8	1464.8	-80.0	3011	-10.4	1510.9	-80.0	3012	-10.4	1418.7	-80.0
3013	-10.4	1464.8	-80.0	3014	241.4	1510.9	-80.0	3015	241.4	1418.7	-80.0
3016	241.4	1464.8	-80.0	3017	192.0	1510.9	-80.0	3018	142.6	1510.9	-80.0
3019	93.1	1510.9	-80.0	3020	41.4	1510.9	-80.0	3021	192.0	1418.7	-80.0
3022	142.6	1418.7	-80.0	3023	93.1	1418.7	-80.0	3024	41.4	1418.7	-80.0
3025	192.0	1464.8	-80.0	3026	142.6	1464.8	-80.0	3027	93.1	1464.8	-80.0
3028	41.4	1464.8	-80.0	3029	389.7	1510.9	-80.0	3030	389.7	1418.7	-80.0
3031	389.7	1464.8	-80.0	3032	340.3	1510.9	-80.0	3033	290.8	1510.9	-80.0
3034	340.3	1418.7	-80.0	3035	290.8	1418.7	-80.0	3036	340.3	1464.8	-80.0
3037	290.8	1464.8	-80.0	3038	695.8	1510.9	-80.0	3039	695.8	1418.7	-80.0
3040	695.8	1464.8	-80.0	3041	646.4	1510.9	-80.0	3042	597.0	1510.9	-80.0
3043	547.5	1510.9	-80.0	3044	498.1	1510.9	-80.0	3045	422.8	1510.9	-80.0
3046	646.4	1418.7	-80.0	3047	597.0	1418.7	-80.0	3048	547.5	1418.7	-80.0
3049	498.1	1418.7	-80.0	3050	422.8	1418.7	-80.0	3051	646.4	1464.8	-80.0
3052	597.0	1464.8	-80.0	3053	547.5	1464.8	-80.0	3054	498.1	1464.8	-80.0
3055	422.8	1464.8	-80.0	3056	728.9	1510.9	-80.0	3057	728.9	1418.7	-80.0
3058	728.9	1464.8	-80.0	3059	811.4	1510.9	-80.0	3060	811.4	1418.7	-80.0
3061	811.4	1464.8	-80.0	3062	770.1	1510.9	-80.0	3063	770.1	1418.7	-80.0
3064	770.1	1464.8	-80.0	3065	1000.0	1510.9	-80.0	3066	1000.0	1418.7	-80.0
3067	1000.0	1464.8	-80.0	3068	952.9	1510.9	-80.0	3069	905.7	1510.9	-80.0
3070	858.5	1510.9	-80.0	3071	952.9	1418.7	-80.0	3072	905.7	1418.7	-80.0
3073	858.5	1418.7	-80.0	3074	952.9	1464.8	-80.0	3075	905.7	1464.8	-80.0
3076	858.5	1464.8	-80.0	3077	1075.4	1510.9	-80.0	3078	1075.4	1418.7	-80.0
3079	1075.4	1464.8	-80.0	3080	1037.7	1510.9	-80.0	3081	1037.7	1418.7	-80.0
3082	1037.7	1464.8	-80.0	3083	1107.2	1510.9	-80.0	3084	1107.2	1418.7	-80.0
3085	1107.2	1464.8	-80.0	3086	1140.5	1510.9	-80.0	3087	1140.5	1418.7	-80.0
3088	1140.5	1464.8	-80.0	3089	1185.6	1510.9	-80.0	3090	1185.6	1418.7	-80.0
3091	1185.6	1464.8	-80.0	3092	1283.3	1510.9	-80.0	3093	1283.3	1418.7	-80.0
3094	1283.3	1464.8	-80.0	3095	1234.5	1510.9	-80.0	3096	1234.5	1418.7	-80.0
3097	1234.5	1464.8	-80.0	3098	1383.0	1510.9	-80.0	3099	1383.0	1418.7	-80.0
3100	1383.0	1464.8	-80.0	3101	1333.2	1510.9	-80.0	3102	1333.2	1418.7	-80.0
3103	1333.2	1464.8	-80.0	3104	1520.8	1510.9	-80.0	3105	1520.8	1418.7	-80.0
3106	1520.8	1464.8	-80.0	3107	1474.8	1510.9	-80.0	3108	1428.9	1510.9	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
3109	1474.8	1418.7	-80.0	3110	1428.9	1418.7	-80.0	3111	1474.8	1464.8	-80.0
3112	1428.9	1464.8	-80.0	3113	1643.2	1510.9	-80.0	3114	1643.2	1418.7	-80.0
3115	1643.2	1464.8	-80.0	3116	1582.0	1510.9	-80.0	3117	1582.0	1418.7	-80.0
3118	1582.0	1464.8	-80.0	3119	1690.3	1510.9	-80.0	3120	1690.3	1418.7	-80.0
3121	1690.3	1464.8	-80.0	3122	1721.3	1510.9	-80.0	3123	1721.3	1418.7	-80.0
3124	1721.3	1464.8	-80.0	3125	1825.7	1510.9	-80.0	3126	1825.7	1418.7	-80.0
3127	1825.7	1464.8	-80.0	3128	1773.5	1510.9	-80.0	3129	1773.5	1418.7	-80.0
3130	1773.5	1464.8	-80.0	3131	2005.4	1510.9	-80.0	3132	2005.4	1418.7	-80.0
3133	2005.4	1464.8	-80.0	3134	1960.5	1510.9	-80.0	3135	1915.5	1510.9	-80.0
3136	1870.6	1510.9	-80.0	3137	1960.5	1418.7	-80.0	3138	1915.5	1418.7	-80.0
3139	1870.6	1418.7	-80.0	3140	1960.5	1464.8	-80.0	3141	1915.5	1464.8	-80.0
3142	1870.6	1464.8	-80.0	3143	2074.8	1510.9	-80.0	3144	2074.8	1418.7	-80.0
3145	2074.8	1464.8	-80.0	3146	2163.1	1510.9	-80.0	3147	2163.1	1418.7	-80.0
3148	2163.1	1464.8	-80.0	3149	2119.0	1510.9	-80.0	3150	2119.0	1418.7	-80.0
3151	2119.0	1464.8	-80.0	3152	2211.0	1510.9	-80.0	3153	2211.0	1418.7	-80.0
3154	2211.0	1464.8	-80.0	3155	2270.1	1510.9	-80.0	3156	2270.1	1418.7	-80.0
3157	2270.1	1464.8	-80.0	3158	2355.0	1510.9	-80.0	3159	2355.0	1418.7	-80.0
3160	2355.0	1464.8	-80.0	3161	2312.6	1510.9	-80.0	3162	2312.6	1418.7	-80.0
3163	2312.6	1464.8	-80.0	3164	2428.9	1510.9	-80.0	3165	2428.9	1418.7	-80.0
3166	2428.9	1464.8	-80.0	3167	2392.0	1510.9	-80.0	3168	2392.0	1418.7	-80.0
3169	2392.0	1464.8	-80.0	3170	2490.2	1510.9	-80.0	3171	2490.2	1418.7	-80.0
3172	2490.2	1464.8	-80.0	3173	2545.9	1510.9	-80.0	3174	2545.9	1418.7	-80.0
3175	2545.9	1464.8	-80.0	3176	2572.1	1510.9	-80.0	3177	2572.1	1418.7	-80.0
3178	2572.1	1464.8	-80.0	3179	2642.7	1510.9	-80.0	3180	2642.7	1418.7	-80.0
3181	2642.7	1464.8	-80.0	3182	1957.9	2798.8	-80.0	3183	2685.3	1418.7	-80.0
3184	1234.5	2915.0	-80.0	3185	2105.5	2546.7	-80.0	3186	2675.2	1510.9	-80.0
3187	2693.7	1418.7	-80.0	3188	2728.1	1247.6	-80.0	3189	2654.0	1616.5	-80.0
3190	2645.6	1658.2	-80.0	3191	-804.5	1616.5	-80.0	3192	-804.5	1563.7	-80.0
3193	-767.4	1616.5	-80.0	3194	-767.4	1563.7	-80.0	3195	-734.3	1616.5	-80.0
3196	-734.3	1563.7	-80.0	3197	-621.1	1616.5	-80.0	3198	-621.1	1563.7	-80.0
3199	-677.7	1616.5	-80.0	3200	-677.7	1563.7	-80.0	3201	-407.1	1616.5	-80.0
3202	-407.1	1563.7	-80.0	3203	-460.6	1616.5	-80.0	3204	-514.1	1616.5	-80.0
3205	-567.6	1616.5	-80.0	3206	-460.6	1563.7	-80.0	3207	-514.1	1563.7	-80.0
3208	-567.6	1563.7	-80.0	3209	-257.4	1616.5	-80.0	3210	-257.4	1563.7	-80.0
3211	-306.1	1616.5	-80.0	3212	-356.6	1616.5	-80.0	3213	-306.1	1563.7	-80.0
3214	-356.6	1563.7	-80.0	3215	-208.6	1616.5	-80.0	3216	-208.6	1563.7	-80.0
3217	-62.2	1616.5	-80.0	3218	-62.2	1563.7	-80.0	3219	-111.0	1616.5	-80.0
3220	-159.8	1616.5	-80.0	3221	-111.0	1563.7	-80.0	3222	-159.8	1563.7	-80.0
3223	-10.4	1616.5	-80.0	3224	-10.4	1563.7	-80.0	3225	241.4	1616.5	-80.0
3226	241.4	1563.7	-80.0	3227	192.0	1616.5	-80.0	3228	142.6	1616.5	-80.0
3229	93.1	1616.5	-80.0	3230	41.4	1616.5	-80.0	3231	192.0	1563.7	-80.0
3232	142.6	1563.7	-80.0	3233	93.1	1563.7	-80.0	3234	41.4	1563.7	-80.0
3235	389.7	1616.5	-80.0	3236	389.7	1563.7	-80.0	3237	340.3	1616.5	-80.0
3238	290.8	1616.5	-80.0	3239	340.3	1563.7	-80.0	3240	290.8	1563.7	-80.0
3241	695.8	1616.5	-80.0	3242	695.8	1563.7	-80.0	3243	646.4	1616.5	-80.0
3244	597.0	1616.5	-80.0	3245	547.5	1616.5	-80.0	3246	498.1	1616.5	-80.0
3247	422.8	1616.5	-80.0	3248	646.4	1563.7	-80.0	3249	597.0	1563.7	-80.0
3250	547.5	1563.7	-80.0	3251	498.1	1563.7	-80.0	3252	422.8	1563.7	-80.0
3253	-208.6	242.3	-80.0	3254	-208.6	287.5	-80.0	3255	-208.6	332.6	-80.0
3256	-62.2	242.3	-80.0	3257	-62.2	287.5	-80.0	3258	-62.2	332.6	-80.0
3259	-111.0	242.3	-80.0	3260	-159.8	242.3	-80.0	3261	-111.0	287.5	-80.0
3262	-159.8	287.5	-80.0	3263	-111.0	332.6	-80.0	3264	-159.8	332.6	-80.0
3265	241.4	197.2	-80.0	3266	41.4	197.2	-80.0	3267	93.1	197.2	-80.0
3268	142.6	197.2	-80.0	3269	192.0	197.2	-80.0	3270	241.4	242.3	-80.0
3271	241.4	287.5	-80.0	3272	241.4	332.6	-80.0	3273	192.0	242.3	-80.0
3274	142.6	242.3	-80.0	3275	93.1	242.3	-80.0	3276	41.4	242.3	-80.0
3277	192.0	287.5	-80.0	3278	142.6	287.5	-80.0	3279	93.1	287.5	-80.0
3280	41.4	287.5	-80.0	3281	192.0	332.6	-80.0	3282	142.6	332.6	-80.0
3283	93.1	332.6	-80.0	3284	41.4	332.6	-80.0	3285	389.7	197.2	-80.0
3286	290.8	197.2	-80.0	3287	340.3	197.2	-80.0	3288	389.7	242.3	-80.0
3289	389.7	287.5	-80.0	3290	389.7	332.6	-80.0	3291	340.3	242.3	-80.0
3292	290.8	242.3	-80.0	3293	340.3	287.5	-80.0	3294	290.8	287.5	-80.0
3295	340.3	332.6	-80.0	3296	290.8	332.6	-80.0	3297	422.8	197.2	-80.0
3298	498.1	197.2	-80.0	3299	547.5	197.2	-80.0	3300	597.0	197.2	-80.0
3301	646.4	197.2	-80.0	3302	646.4	242.3	-80.0	3303	597.0	242.3	-180.0
3304	547.5	242.3	-180.0	3305	498.1	242.3	-180.0	3306	422.8	242.3	-80.0
3307	646.4	287.5	-80.0	3308	597.0	287.5	-180.0	3309	547.5	287.5	-180.0
3310	498.1	287.5	-180.0	3311	422.8	287.5	-80.0	3312	646.4	332.6	-80.0
3313	597.0	332.6	-180.0	3314	547.5	332.6	-180.0	3315	498.1	332.6	-180.0
3316	422.8	332.6	-80.0	3317	241.4	49.3	-80.0	3318	241.4	98.6	-80.0
3319	241.4	147.9	-80.0	3320	192.0	49.3	-80.0	3321	142.6	49.3	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
3322	93.1	49.3	-80.0	3323	41.4	49.3	-80.0	3324	192.0	98.6	-80.0
3325	142.6	98.6	-80.0	3326	93.1	98.6	-80.0	3327	41.4	98.6	-80.0
3328	192.0	147.9	-80.0	3329	142.6	147.9	-80.0	3330	93.1	147.9	-80.0
3331	41.4	147.9	-80.0	3332	389.7	49.3	-80.0	3333	389.7	98.6	-80.0
3334	389.7	147.9	-80.0	3335	340.3	49.3	-80.0	3336	290.8	49.3	-80.0
3337	340.3	98.6	-80.0	3338	290.8	98.6	-80.0	3339	340.3	147.9	-80.0
3340	290.8	147.9	-80.0	3341	646.4	49.3	-80.0	3342	597.0	49.3	-80.0
3343	547.5	49.3	-80.0	3344	498.1	49.3	-80.0	3345	422.8	49.3	-80.0
3346	646.4	98.6	-80.0	3347	597.0	98.6	-80.0	3348	547.5	98.6	-80.0
3349	498.1	98.6	-80.0	3350	422.8	98.6	-80.0	3351	646.4	147.9	-80.0
3352	597.0	147.9	-80.0	3353	547.5	147.9	-80.0	3354	498.1	147.9	-80.0
3355	422.8	147.9	-80.0	3356	241.4	19.5	-80.0	3357	192.0	19.5	-80.0
3358	142.6	19.5	-80.0	3359	93.1	19.5	-80.0	3360	41.4	19.5	-80.0
3361	389.7	19.5	-80.0	3362	340.3	19.5	-80.0	3363	290.8	19.5	-80.0
3364	646.4	19.5	-80.0	3365	597.0	19.5	-80.0	3366	547.5	19.5	-80.0
3367	498.1	19.5	-80.0	3368	422.8	19.5	-80.0	3369	728.9	1616.5	-80.0
3370	728.9	1563.7	-80.0	3371	811.4	1616.5	-80.0	3372	811.4	1563.7	-80.0
3373	770.1	1616.5	-80.0	3374	770.1	1563.7	-80.0	3375	1000.0	1616.5	-80.0
3376	1000.0	1563.7	-80.0	3377	952.9	1616.5	-80.0	3378	905.7	1616.5	-80.0
3379	858.5	1616.5	-80.0	3380	952.9	1563.7	-80.0	3381	905.7	1563.7	-80.0
3382	858.5	1563.7	-80.0	3383	1075.4	1616.5	-80.0	3384	1075.4	1563.7	-80.0
3385	1037.7	1616.5	-80.0	3386	1037.7	1563.7	-80.0	3387	1107.2	1616.5	-80.0
3388	1107.2	1563.7	-80.0	3389	1140.5	1616.5	-80.0	3390	1140.5	1563.7	-80.0
3391	1185.6	1616.5	-80.0	3392	1185.6	1563.7	-80.0	3393	1283.3	1616.5	-80.0
3394	1283.3	1563.7	-80.0	3395	1234.5	1616.5	-80.0	3396	1234.5	1563.7	-80.0
3397	1383.0	1616.5	-80.0	3398	1383.0	1563.7	-80.0	3399	1333.2	1616.5	-80.0
3400	1333.2	1563.7	-80.0	3401	1520.8	1616.5	-80.0	3402	1520.8	1563.7	-80.0
3403	1474.8	1616.5	-80.0	3404	1428.9	1616.5	-80.0	3405	1474.8	1563.7	-80.0
3406	1428.9	1563.7	-80.0	3407	1643.2	1616.5	-80.0	3408	1643.2	1563.7	-80.0
3409	1582.0	1616.5	-80.0	3410	1582.0	1563.7	-80.0	3411	1690.3	1616.5	-80.0
3412	1690.3	1563.7	-80.0	3413	1721.3	1616.5	-80.0	3414	1721.3	1563.7	-80.0
3415	1825.7	1616.5	-80.0	3416	1825.7	1563.7	-80.0	3417	1773.5	1616.5	-80.0
3418	1773.5	1563.7	-80.0	3419	2005.4	1616.5	-80.0	3420	2005.4	1563.7	-80.0
3421	1960.5	1616.5	-80.0	3422	1915.5	1616.5	-80.0	3423	1870.6	1616.5	-80.0
3424	1960.5	1563.7	-80.0	3425	1915.5	1563.7	-80.0	3426	1870.6	1563.7	-80.0
3427	2074.8	1616.5	-80.0	3428	2074.8	1563.7	-80.0	3429	2163.1	1616.5	-80.0
3430	2163.1	1563.7	-80.0	3431	2119.0	1616.5	-80.0	3432	2119.0	1563.7	-80.0
3433	2211.0	1616.5	-80.0	3434	2211.0	1563.7	-80.0	3435	2270.1	1616.5	-80.0
3436	2270.1	1563.7	-80.0	3437	2355.0	1616.5	-80.0	3438	2355.0	1563.7	-80.0
3439	2312.6	1616.5	-80.0	3440	2312.6	1563.7	-80.0	3441	2428.9	1616.5	-80.0
3442	2428.9	1563.7	-80.0	3443	2392.0	1616.5	-80.0	3444	2392.0	1563.7	-80.0
3445	2490.2	1616.5	-80.0	3446	2490.2	1563.7	-80.0	3447	2545.9	1616.5	-80.0
3448	2545.9	1563.7	-80.0	3449	2572.1	1616.5	-80.0	3450	2572.1	1563.7	-80.0
3451	2739.7	1291.4	-80.0	3452	2642.7	1563.7	-80.0	3453	2193.6	2396.2	-80.0
3454	2719.3	1291.4	-80.0	3455	2312.7	2192.8	-80.0	3456	2703.0	1372.7	-80.0
3457	1750.7	3152.6	-80.0	3458	2723.4	1372.7	-80.0	3459	2751.9	1156.2	-80.0
3460	2580.6	1982.0	-80.0	3461	1075.4	2849.7	-80.0	3462	1037.7	2827.6	-80.0
3463	2751.9	0.0	-80.0	3464	2751.9	623.2	-80.0	3465	2751.9	584.7	-80.0
3466	1234.5	2813.9	-80.0	3467	2751.9	870.0	-80.0	3468	744.9	2714.0	-80.0
3469	-871.2	1658.2	-80.0	3470	-921.8	1679.6	-80.0	3471	2751.9	-15.0	-80.0
3472	1209.2	2986.0	-80.0	3473	-1659.6	0.0	-80.0	3474	-804.5	1658.2	-80.0
3475	-767.4	1658.2	-80.0	3476	-734.3	1658.2	-80.0	3477	-621.1	1658.2	-80.0
3478	-677.7	1658.2	-80.0	3479	-407.1	1658.2	-80.0	3480	-460.6	1658.2	-80.0
3481	-514.1	1658.2	-80.0	3482	-567.6	1658.2	-80.0	3483	-257.4	1658.2	-80.0
3484	-306.1	1658.2	-80.0	3485	-356.6	1658.2	-80.0	3486	-208.6	1658.2	-80.0
3487	-62.2	1658.2	-80.0	3488	-111.0	1658.2	-80.0	3489	-159.8	1658.2	-80.0
3490	-10.4	1658.2	-80.0	3491	241.4	1658.2	-80.0	3492	192.0	1658.2	-80.0
3493	142.6	1658.2	-80.0	3494	93.1	1658.2	-80.0	3495	41.4	1658.2	-80.0
3496	389.7	1658.2	-80.0	3497	340.3	1658.2	-80.0	3498	290.8	1658.2	-80.0
3500	646.4	1658.2	-80.0	3501	597.0	1658.2	-80.0	3502	547.5	1658.2	-80.0
3503	498.1	1658.2	-80.0	3504	422.8	1658.2	-80.0	3505	728.9	1658.2	-80.0
3506	811.4	1658.2	-80.0	3507	770.1	1658.2	-80.0	3508	1000.0	1658.2	-80.0
3509	952.9	1658.2	-80.0	3510	905.7	1658.2	-80.0	3511	858.5	1658.2	-80.0
3512	1075.4	1658.2	-80.0	3513	1037.7	1658.2	-80.0	3514	1107.2	1658.2	-80.0
3515	1140.5	1658.2	-80.0	3516	1185.6	1658.2	-80.0	3517	1283.3	1658.2	-80.0
3518	1234.5	1658.2	-80.0	3519	1383.0	1658.2	-80.0	3520	1333.2	1658.2	-80.0
3521	1520.8	1658.2	-80.0	3522	1474.8	1658.2	-80.0	3523	1428.9	1658.2	-80.0
3524	1643.2	1658.2	-80.0	3525	1582.0	1658.2	-80.0	3526	1690.3	1658.2	-80.0
3527	1721.3	1658.2	-80.0	3528	1825.7	1658.2	-80.0	3529	1773.5	1658.2	-80.0
3530	2005.4	1658.2	-80.0	3531	1960.5	1658.2	-80.0	3532	1915.5	1658.2	-80.0
3533	1870.6	1658.2	-80.0	3534	2074.8	1658.2	-80.0	3535	2163.1	1658.2	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
3536	2119.0	1658.2	-80.0	3537	2211.0	1658.2	-80.0	3538	2270.1	1658.2	-80.0
3539	2355.0	1658.2	-80.0	3540	2312.6	1658.2	-80.0	3541	2428.9	1658.2	-80.0
3542	2392.0	1658.2	-80.0	3543	2490.2	1658.2	-80.0	3544	2545.9	1658.2	-80.0
3545	2572.1	1658.2	-80.0	3546	423.4	2525.7	-80.0	3547	2372.3	2091.0	-80.0
3548	2390.3	2060.3	-80.0	3549	2342.5	2141.9	-80.0	3550	2601.0	1982.0	-80.0
3551	-871.2	1709.2	-80.0	3552	2684.5	1464.8	-80.0	3553	2017.0	2697.8	-80.0
3554	2704.9	1464.8	-80.0	3555	1710.3	3221.7	-80.0	3556	2005.4	-65.0	-80.0
3557	2192.8	2259.1	-80.0	3558	2751.9	147.9	-80.0	3559	2751.9	98.6	-80.0
3560	2751.9	49.3	-80.0	3561	2751.9	674.6	-80.0	3562	2751.9	755.8	-80.0
3563	2751.9	917.7	-80.0	3564	2751.9	1108.5	-80.0	3565	2622.8	1873.5	-80.0
3566	2751.9	19.5	-80.0	3567	2751.9	377.7	-80.0	3568	2751.9	791.2	-80.0
3569	2751.9	726.0	-80.0	3570	2751.9	965.4	-80.0	3571	2751.9	1013.1	-80.0
3572	2180.3	2319.9	-80.0	3573	2751.9	242.3	-80.0	3574	2751.9	287.5	-80.0
3575	2751.9	822.3	-80.0	3576	2751.9	-65.0	-80.0	3577	2751.9	1060.8	-80.0
3578	2602.4	1873.5	-80.0	3579	2624.1	1765.6	-80.0	3580	-1609.6	19.5	-80.0
3581	-1609.6	917.7	-80.0	3582	1140.5	2887.8	-80.0	3583	-1609.6	147.9	-80.0
3584	-1609.6	98.6	-80.0	3585	-1609.6	49.3	-80.0	3586	1690.3	2915.0	-80.0
3587	1383.0	2965.6	-80.0	3588	-1659.6	-15.0	-80.0	3589	-1609.6	-15.0	-80.0
3590	-1609.6	0.0	-80.0	3591	-1659.6	19.5	-80.0	3592	-1659.6	147.9	-80.0
3593	-1659.6	98.6	-80.0	3594	1690.3	2965.6	-80.0	3595	-1659.6	49.3	-80.0
3596	-804.5	1711.9	-80.0	3597	-1659.6	917.7	-80.0	3598	1107.2	2868.3	-80.0
3599	-767.4	1711.9	-80.0	3600	-767.4	1770.1	-80.0	3601	-1659.6	870.0	-80.0
3602	-734.3	1711.9	-80.0	3603	-734.3	1765.6	-80.0	3604	-621.1	1819.2	-80.0
3605	-621.1	1711.9	-80.0	3606	-621.1	1765.6	-80.0	3607	-677.7	1822.6	-80.0
3608	-677.7	1711.9	-80.0	3609	-677.7	1765.6	-80.0	3610	-407.1	1819.2	-80.0
3611	-407.1	1711.9	-80.0	3612	-407.1	1765.6	-80.0	3613	-460.6	1819.2	-80.0
3614	-514.1	1819.2	-80.0	3615	-567.6	1819.2	-80.0	3616	-460.6	1711.9	-80.0
3617	-514.1	1711.9	-80.0	3618	-567.6	1711.9	-80.0	3619	-460.6	1765.6	-80.0
3620	-514.1	1765.6	-80.0	3621	-567.6	1765.6	-80.0	3622	-257.4	1819.2	-80.0
3623	-257.4	1711.9	-80.0	3624	-257.4	1765.6	-80.0	3625	-306.1	1819.2	-80.0
3626	-356.6	1819.2	-80.0	3627	-306.1	1711.9	-80.0	3628	-356.6	1711.9	-80.0
3629	-306.1	1765.6	-80.0	3630	-356.6	1765.6	-80.0	3631	-208.6	1819.2	-80.0
3632	-208.6	1711.9	-80.0	3633	-208.6	1765.6	-80.0	3634	-62.2	1819.2	-80.0
3635	-62.2	1711.9	-80.0	3636	-62.2	1765.6	-80.0	3637	-111.0	1819.2	-80.0
3638	-159.8	1819.2	-80.0	3639	-111.0	1711.9	-80.0	3640	-159.8	1711.9	-80.0
3641	-111.0	1765.6	-80.0	3642	-159.8	1765.6	-80.0	3643	-10.4	1819.2	-80.0
3644	-10.4	1711.9	-80.0	3645	-10.4	1765.6	-80.0	3646	241.4	1819.2	-80.0
3647	241.4	1711.9	-80.0	3648	241.4	1765.6	-80.0	3649	192.0	1819.2	-80.0
3650	142.6	1819.2	-80.0	3651	93.1	1819.2	-80.0	3652	41.4	1819.2	-80.0
3653	192.0	1711.9	-80.0	3654	142.6	1711.9	-80.0	3655	93.1	1711.9	-80.0
3656	41.4	1711.9	-80.0	3657	192.0	1765.6	-80.0	3658	142.6	1765.6	-80.0
3659	93.1	1765.6	-80.0	3660	41.4	1765.6	-80.0	3661	389.7	1819.2	-80.0
3662	389.7	1765.6	-80.0	3663	389.7	1711.9	-80.0	3664	290.8	1819.2	-80.0
3665	340.3	1819.2	-80.0	3666	290.8	1711.9	-80.0	3667	340.3	1711.9	-80.0
3668	290.8	1765.6	-80.0	3669	340.3	1765.6	-80.0	3670	695.8	1819.2	-80.0
3671	695.8	1711.9	-80.0	3672	695.8	1765.6	-80.0	3673	646.4	1819.2	-80.0
3674	597.0	1819.2	-80.0	3675	547.5	1819.2	-80.0	3676	498.1	1819.2	-80.0
3677	422.8	1819.2	-80.0	3678	646.4	1711.9	-80.0	3679	597.0	1711.9	-80.0
3680	547.5	1711.9	-80.0	3681	498.1	1711.9	-80.0	3682	422.8	1711.9	-80.0
3683	646.4	1765.6	-80.0	3684	597.0	1765.6	-80.0	3685	547.5	1765.6	-80.0
3686	498.1	1765.6	-80.0	3687	422.8	1765.6	-80.0	3688	728.9	1819.2	-80.0
3689	728.9	1711.9	-80.0	3690	728.9	1765.6	-80.0	3691	811.4	1819.2	-80.0
3692	811.4	1711.9	-80.0	3693	811.4	1765.6	-80.0	3694	770.1	1819.2	-80.0
3695	770.1	1711.9	-80.0	3696	770.1	1765.6	-80.0	3697	1000.0	1819.2	-80.0
3698	1000.0	1711.9	-80.0	3699	1000.0	1765.6	-80.0	3700	952.9	1819.2	-80.0
3701	905.7	1819.2	-80.0	3702	858.5	1819.2	-80.0	3703	952.9	1711.9	-80.0
3704	905.7	1711.9	-80.0	3705	858.5	1711.9	-80.0	3706	952.9	1765.6	-80.0
3707	905.7	1765.6	-80.0	3708	858.5	1765.6	-80.0	3709	1075.4	1819.2	-80.0
3710	1075.4	1711.9	-80.0	3711	1075.4	1765.6	-80.0	3712	1037.7	1819.2	-80.0
3713	1037.7	1711.9	-80.0	3714	1037.7	1765.6	-80.0	3715	1107.2	1819.2	-80.0
3716	1107.2	1711.9	-80.0	3717	1107.2	1765.6	-80.0	3718	1140.5	1819.2	-80.0
3719	1140.5	1711.9	-80.0	3720	1140.5	1765.6	-80.0	3721	1185.6	1819.2	-80.0
3722	1185.6	1711.9	-80.0	3723	1185.6	1765.6	-80.0	3724	1283.3	1819.2	-80.0
3725	1283.3	1711.9	-80.0	3726	1283.3	1765.6	-80.0	3727	1234.5	1819.2	-80.0
3728	1234.5	1711.9	-80.0	3729	1234.5	1765.6	-80.0	3730	1383.0	1819.2	-80.0
3731	1383.0	1711.9	-80.0	3732	1383.0	1765.6	-80.0	3733	1333.2	1819.2	-80.0
3734	1333.2	1711.9	-80.0	3735	1333.2	1765.6	-80.0	3737	1520.8	1711.9	-80.0
3738	1520.8	1765.6	-80.0	3739	1474.8	1819.2	-80.0	3740	1428.9	1819.2	-80.0
3741	1474.8	1711.9	-80.0	3742	1428.9	1711.9	-80.0	3743	1474.8	1765.6	-80.0
3744	1428.9	1765.6	-80.0	3745	1643.2	1819.2	-80.0	3746	1643.2	1711.9	-80.0
3747	1643.2	1765.6	-80.0	3748	1582.0	1819.2	-80.0	3749	1582.0	1711.9	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
3750	1582.0	1765.6	-80.0	3751	1690.3	1819.2	-80.0	3752	1690.3	1711.9	-80.0
3753	1690.3	1765.6	-80.0	3754	1721.3	1819.2	-80.0	3755	1721.3	1711.9	-80.0
3756	1721.3	1765.6	-80.0	3757	1825.7	1819.2	-80.0	3758	1825.7	1711.9	-80.0
3759	1825.7	1765.6	-80.0	3760	1773.5	1819.2	-80.0	3761	1773.5	1711.9	-80.0
3762	1773.5	1765.6	-80.0	3763	2005.4	1819.2	-80.0	3764	2005.4	1711.9	-80.0
3765	2005.4	1765.6	-80.0	3766	1960.5	1819.2	-80.0	3767	1915.5	1819.2	-80.0
3768	1870.6	1819.2	-80.0	3769	1960.5	1711.9	-80.0	3770	1915.5	1711.9	-80.0
3771	1870.6	1711.9	-80.0	3772	1960.5	1765.6	-80.0	3773	1915.5	1765.6	-80.0
3774	1870.6	1765.6	-80.0	3775	2074.8	1819.2	-80.0	3776	2074.8	1711.9	-80.0
3777	2074.8	1765.6	-80.0	3778	2163.1	1819.2	-80.0	3779	2163.1	1711.9	-80.0
3780	2163.1	1765.6	-80.0	3781	2119.0	1819.2	-80.0	3782	2119.0	1711.9	-80.0
3783	2119.0	1765.6	-80.0	3784	2211.0	1819.2	-80.0	3785	2211.0	1711.9	-80.0
3786	2211.0	1765.6	-80.0	3787	2270.1	1819.2	-80.0	3788	2270.1	1711.9	-80.0
3789	2270.1	1765.6	-80.0	3790	2355.0	1819.2	-80.0	3791	2355.0	1711.9	-80.0
3792	2355.0	1765.6	-80.0	3793	2312.6	1819.2	-80.0	3794	2312.6	1711.9	-80.0
3795	2312.6	1765.6	-80.0	3796	2428.9	1819.2	-80.0	3797	2428.9	1711.9	-80.0
3798	2428.9	1765.6	-80.0	3799	2392.0	1819.2	-80.0	3800	2392.0	1711.9	-80.0
3801	2392.0	1765.6	-80.0	3802	2490.2	1819.2	-80.0	3803	2490.2	1711.9	-80.0
3804	2490.2	1765.6	-80.0	3805	2545.9	1819.2	-80.0	3806	2545.9	1711.9	-80.0
3807	2545.9	1765.6	-80.0	3808	2572.1	1819.2	-80.0	3809	2572.1	1711.9	-80.0
3810	2572.1	1765.6	-80.0	3811	2329.2	2065.7	-80.0	3812	1825.9	2925.1	-80.0
3813	2032.8	2571.8	-80.0	3814	1855.5	2874.6	-80.0	3815	1885.1	2824.0	-80.0
3816	1796.3	2975.7	-80.0	3817	2121.1	2421.0	-80.0	3818	2003.3	2622.2	-80.0
3819	1641.9	3239.5	-80.0	3820	2253.2	2294.5	-80.0	3821	1987.5	2748.2	-80.0
3822	2283.0	2243.6	-80.0	3823	1624.6	3229.4	-80.0	3824	2428.9	-65.0	-80.0
3825	1973.8	2672.6	-80.0	3826	1667.1	3196.4	-80.0	3827	1944.3	2722.9	-80.0
3828	1914.7	2773.5	-80.0	3829	-896.4	1752.4	-80.0	3830	2062.3	2521.4	-80.0
3831	1333.2	2763.4	-80.0	3832	1333.2	2813.9	-80.0	3833	1738.6	3074.3	-80.0
3834	2210.0	2269.2	-80.0	3835	2644.5	1765.6	-80.0	3836	2572.1	1873.5	-80.0
3837	2572.1	1927.8	-80.0	3838	2545.9	1982.0	-80.0	3839	2545.9	1873.5	-80.0
3840	2545.9	1927.8	-80.0	3841	2490.2	2008.4	-80.0	3842	2490.2	1873.5	-80.0
3843	2490.2	1927.8	-80.0	3845	2428.9	1873.5	-80.0	3846	2428.9	1927.8	-80.0
3847	2355.0	1982.0	-80.0	3848	2355.0	1873.5	-80.0	3849	2355.0	1927.8	-80.0
3850	2390.6	1989.0	-80.0	3851	2392.0	1927.8	-80.0	3852	2392.0	1873.5	-80.0
3853	2270.1	1982.0	-80.0	3854	2270.1	1873.5	-80.0	3855	2270.1	1927.8	-80.0
3856	2312.6	1982.0	-80.0	3857	2312.6	1927.8	-80.0	3858	2312.6	1873.5	-80.0
3859	2211.0	1982.0	-80.0	3860	2211.0	1927.8	-80.0	3861	2211.0	1873.5	-80.0
3862	2163.1	1982.0	-80.0	3863	2163.1	1873.5	-80.0	3864	2163.1	1927.8	-80.0
3865	2074.8	1982.0	-80.0	3866	2074.8	1873.5	-80.0	3867	2074.8	1927.8	-80.0
3868	2119.0	1982.0	-80.0	3869	2119.0	1927.8	-80.0	3870	2119.0	1873.5	-80.0
3871	2005.4	1982.0	-80.0	3872	2005.4	1927.8	-80.0	3873	2005.4	1873.5	-80.0
3874	1825.7	1982.0	-80.0	3875	1825.7	1873.5	-80.0	3876	1825.7	1927.8	-80.0
3877	1870.6	1982.0	-80.0	3878	1915.5	1982.0	-80.0	3879	1960.5	1982.0	-80.0
3880	1870.6	1927.8	-80.0	3881	1870.6	1873.5	-80.0	3882	1915.5	1927.8	-80.0
3883	1915.5	1873.5	-80.0	3884	1960.5	1927.8	-80.0	3885	1960.5	1873.5	-80.0
3886	1721.3	1982.0	-80.0	3887	1721.3	1873.5	-80.0	3888	1721.3	1927.8	-80.0
3889	1773.5	1982.0	-80.0	3890	1773.5	1927.8	-80.0	3891	1773.5	1873.5	-80.0
3892	1690.3	1982.0	-80.0	3893	1690.3	1873.5	-80.0	3894	1690.3	1927.8	-80.0
3895	-407.1	-15.0	-80.0	3896	-257.4	-15.0	-80.0	3897	-356.6	-15.0	-80.0
3898	-306.1	-15.0	-80.0	3899	-621.1	-15.0	-80.0	3900	-567.6	-15.0	-80.0
3901	-514.1	-15.0	-80.0	3902	-460.6	-15.0	-80.0	3903	-208.6	-15.0	-80.0
3904	-62.2	-15.0	-80.0	3905	-159.8	-15.0	-80.0	3906	-111.0	-15.0	-80.0
3907	-10.4	-15.0	-80.0	3908	728.9	-15.0	-80.0	3909	241.4	-15.0	-80.0
3910	41.4	-15.0	-80.0	3911	93.1	-15.0	-80.0	3912	142.6	-15.0	-80.0
3913	192.0	-15.0	-80.0	3914	389.7	-15.0	-80.0	3915	290.8	-15.0	-80.0
3916	340.3	-15.0	-80.0	3917	695.8	-15.0	-80.0	3918	422.8	-15.0	-80.0
3919	498.1	-15.0	-80.0	3920	547.5	-15.0	-80.0	3921	597.0	-15.0	-80.0
3922	646.4	-15.0	-80.0	3923	-734.3	-15.0	-80.0	3924	-677.7	-15.0	-80.0
3925	-767.4	-15.0	-80.0	3926	1185.6	19.5	1095.0	3927	1140.5	19.5	1095.0
3928	1107.2	19.5	1095.0	3929	1383.0	19.5	1095.0	3930	1333.2	19.5	1095.0
3931	1520.8	19.5	1095.0	3932	-804.5	-15.0	-80.0	3933	1474.8	19.5	1095.0
3934	1428.9	19.5	1095.0	3935	1643.2	19.5	1095.0	3936	1582.0	19.5	1095.0
3937	1825.7	19.5	1095.0	3938	1773.5	19.5	1095.0	3939	1721.3	19.5	1095.0
3940	2005.4	19.5	1095.0	3941	2074.8	19.5	340.0	3942	811.4	-15.0	-80.0
3943	770.1	-15.0	-80.0	3944	1000.0	-15.0	-80.0	3945	858.5	-15.0	-80.0
3946	905.7	-15.0	-80.0	3947	952.9	-15.0	-80.0	3948	1075.4	-15.0	-80.0
3949	1037.7	-15.0	-80.0	3950	1107.2	-15.0	-80.0	3951	1140.5	-15.0	-80.0
3952	1185.6	-15.0	-80.0	3953	1283.3	-15.0	-80.0	3954	1234.5	-15.0	-80.0
3955	1383.0	-15.0	-80.0	3956	1333.2	-15.0	-80.0	3957	1520.8	-15.0	-80.0
3958	1474.8	-15.0	-80.0	3959	1428.9	-15.0	-80.0	3960	1643.2	-15.0	-80.0
3961	1582.0	-15.0	-80.0	3962	1690.3	-15.0	-80.0	3963	1721.3	-15.0	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
3964	1825.7	-15.0	-80.0	3965	1773.5	-15.0	-80.0	3966	2005.4	-15.0	-80.0
3967	1870.6	-15.0	-80.0	3968	1915.5	-15.0	-80.0	3969	1960.5	-15.0	-80.0
3970	2074.8	-15.0	-80.0	3971	2163.1	-15.0	-80.0	3972	2119.0	-15.0	-80.0
3973	2211.0	-15.0	-80.0	3974	2270.1	-15.0	-80.0	3975	2355.0	-15.0	-80.0
3976	2312.6	-15.0	-80.0	3977	2428.9	-15.0	-80.0	3978	2392.0	-15.0	-80.0
3979	2736.9	-15.0	-80.0	3980	2705.7	-15.0	-80.0	3981	2685.3	-15.0	-80.0
3982	2642.7	-15.0	-80.0	3983	2572.1	-15.0	-80.0	3984	2545.9	-15.0	-80.0
3985	2490.2	-15.0	-80.0	3986	1721.3	2360.9	-80.0	3987	1721.3	2055.6	-80.0
3988	1825.7	2055.6	-80.0	3989	1825.7	2360.9	-80.0	3990	1721.3	2310.0	-80.0
3991	1721.3	2259.1	-80.0	3992	1721.3	2208.3	-80.0	3993	1721.3	2157.4	-80.0
3994	1721.3	2106.5	-80.0	3995	1773.5	2055.6	-80.0	3996	1825.7	2106.5	-80.0
3997	1825.7	2157.4	-80.0	3998	1825.7	2208.3	-80.0	3999	1825.7	2259.1	-80.0
4000	1825.7	2310.0	-80.0	4001	1773.5	2360.9	-80.0	4002	1773.5	2106.5	-80.0
4003	1773.5	2157.4	-80.0	4004	1773.5	2208.3	-80.0	4005	1773.5	2259.1	-80.0
4006	1773.5	2310.0	-80.0	4007	2005.4	2055.6	-80.0	4008	2005.4	2360.9	-80.0
4009	1870.6	2055.6	-80.0	4010	1915.5	2055.6	-80.0	4011	1960.5	2055.6	-80.0
4012	2005.4	2106.5	-80.0	4013	2005.4	2157.4	-80.0	4014	2005.4	2208.3	-80.0
4015	2005.4	2259.1	-80.0	4016	2005.4	2310.0	-80.0	4017	1960.5	2360.9	-80.0
4018	1915.5	2360.9	-80.0	4019	1870.6	2360.9	-80.0	4020	1960.5	2106.5	-80.0
4021	1915.5	2106.5	-80.0	4022	1870.6	2106.5	-80.0	4023	1960.5	2157.4	-80.0
4024	1915.5	2157.4	-80.0	4025	1870.6	2157.4	-80.0	4026	1960.5	2208.3	-80.0
4027	1915.5	2208.3	-80.0	4028	1870.6	2208.3	-80.0	4029	1960.5	2259.1	-80.0
4030	1915.5	2259.1	-80.0	4031	1870.6	2259.1	-80.0	4032	1960.5	2310.0	-80.0
4033	1915.5	2310.0	-80.0	4034	1870.6	2310.0	-80.0	4035	1721.3	2024.4	-80.0
4036	1825.7	2024.4	-80.0	4037	1773.5	2024.4	-80.0	4038	1721.3	2000.6	-80.0
4039	1825.7	2000.6	-80.0	4040	1773.5	2000.6	-80.0	4041	2005.4	2000.6	-80.0
4042	1960.5	2000.6	-80.0	4043	1915.5	2000.6	-80.0	4044	1870.6	2000.6	-80.0
4045	2005.4	2024.4	-80.0	4046	1870.6	2024.4	-80.0	4047	1915.5	2024.4	-80.0
4048	1960.5	2024.4	-80.0	4049	-257.4	-65.0	-80.0	4050	-1609.6	1247.6	-80.0
4051	-1609.6	197.2	-80.0	4052	-1609.6	791.2	-80.0	4053	-407.1	1873.5	-80.0
4054	-407.1	1927.8	-80.0	4055	-1659.6	791.2	-80.0	4056	2005.4	-115.0	-80.0
4057	-306.1	-65.0	-80.0	4058	-460.6	1873.5	-80.0	4059	-514.1	1873.5	-80.0
4060	-567.6	1887.1	-80.0	4061	169.9	2377.1	-80.0	4062	-1659.6	1060.8	-80.0
4063	-1073.8	1590.5	-80.0	4064	-1659.6	197.2	-80.0	4065	-1659.6	377.7	-80.0
4066	-1609.6	377.7	-80.0	4067	-356.6	-65.0	-80.0	4068	-1609.6	870.0	-80.0
4069	-1659.6	332.6	-80.0	4070	1185.6	2914.3	-80.0	4071	-1659.6	287.5	-80.0
4072	-1659.6	242.3	-80.0	4073	-1609.6	242.3	-80.0	4074	-1609.6	287.5	-80.0
4075	-1609.6	332.6	-80.0	4076	-1659.6	509.1	-80.0	4077	-1609.6	509.1	-80.0
4078	-1659.6	465.3	-80.0	4079	-257.4	1982.0	-80.0	4080	-257.4	1873.5	-80.0
4081	-257.4	1927.8	-80.0	4082	-306.1	1982.0	-80.0	4083	-356.6	1982.0	-80.0
4084	-306.1	1873.5	-80.0	4085	-356.6	1873.5	-80.0	4086	-306.1	1927.8	-80.0
4087	-356.6	1927.8	-80.0	4088	-208.6	1982.0	-80.0	4089	-208.6	1873.5	-80.0
4090	-208.6	1927.8	-80.0	4091	-62.2	1982.0	-80.0	4092	-62.2	1873.5	-80.0
4093	-62.2	1927.8	-80.0	4094	-111.0	1982.0	-80.0	4095	-159.8	1982.0	-80.0
4096	-111.0	1873.5	-80.0	4097	-159.8	1873.5	-80.0	4098	-111.0	1927.8	-80.0
4099	-159.8	1927.8	-80.0	4100	-10.4	1982.0	-80.0	4101	-10.4	1873.5	-80.0
4102	-10.4	1927.8	-80.0	4103	241.4	1982.0	-80.0	4104	241.4	1873.5	-80.0
4105	241.4	1927.8	-80.0	4106	192.0	1982.0	-80.0	4107	142.6	1982.0	-80.0
4108	93.1	1982.0	-80.0	4109	41.4	1982.0	-80.0	4110	192.0	1873.5	-80.0
4111	142.6	1873.5	-80.0	4112	93.1	1873.5	-80.0	4113	41.4	1873.5	-80.0
4114	192.0	1927.8	-80.0	4115	142.6	1927.8	-80.0	4116	93.1	1927.8	-80.0
4117	41.4	1927.8	-80.0	4118	389.7	1982.0	-80.0	4119	389.7	1873.5	-80.0
4120	389.7	1927.8	-80.0	4121	340.3	1982.0	-80.0	4122	290.8	1982.0	-80.0
4123	340.3	1873.5	-80.0	4124	290.8	1873.5	-80.0	4125	340.3	1927.8	-80.0
4126	290.8	1927.8	-80.0	4127	695.8	1982.0	-80.0	4128	695.8	1873.5	-80.0
4129	695.8	1927.8	-80.0	4130	646.4	1982.0	-80.0	4131	597.0	1982.0	-80.0
4132	547.5	1982.0	-80.0	4133	498.1	1982.0	-80.0	4134	422.8	1982.0	-80.0
4135	646.4	1873.5	-80.0	4136	597.0	1873.5	-80.0	4137	547.5	1873.5	-80.0
4138	498.1	1873.5	-80.0	4139	422.8	1873.5	-80.0	4140	646.4	1927.8	-80.0
4141	597.0	1927.8	-80.0	4142	547.5	1927.8	-80.0	4143	498.1	1927.8	-80.0
4144	422.8	1927.8	-80.0	4145	728.9	1982.0	-80.0	4146	728.9	1873.5	-80.0
4147	728.9	1927.8	-80.0	4148	811.4	1982.0	-80.0	4149	811.4	1873.5	-80.0
4150	811.4	1927.8	-80.0	4151	770.1	1982.0	-80.0	4152	770.1	1873.5	-80.0
4153	770.1	1927.8	-80.0	4154	1000.0	1982.0	-80.0	4155	1000.0	1873.5	-80.0
4156	1000.0	1927.8	-80.0	4157	952.9	1982.0	-80.0	4158	905.7	1982.0	-80.0
4159	858.5	1982.0	-80.0	4160	952.9	1873.5	-80.0	4161	905.7	1873.5	-80.0
4162	858.5	1873.5	-80.0	4163	952.9	1927.8	-80.0	4164	905.7	1927.8	-80.0
4165	858.5	1927.8	-80.0	4166	1075.4	1982.0	-80.0	4167	1075.4	1873.5	-80.0
4168	1075.4	1927.8	-80.0	4169	1037.7	1982.0	-80.0	4170	1037.7	1873.5	-80.0
4171	1037.7	1927.8	-80.0	4172	1107.2	1982.0	-80.0	4173	1107.2	1873.5	-80.0
4174	1107.2	1927.8	-80.0	4175	1140.5	1982.0	-80.0	4176	1140.5	1873.5	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
4177	1140.5	1927.8	-80.0	4178	1185.6	1982.0	-80.0	4179	1185.6	1873.5	-80.0
4180	1185.6	1927.8	-80.0	4181	1283.3	1982.0	-80.0	4182	1283.3	1873.5	-80.0
4183	1283.3	1927.8	-80.0	4184	1234.5	1982.0	-80.0	4185	1234.5	1873.5	-80.0
4186	1234.5	1927.8	-80.0	4187	1383.0	1982.0	-80.0	4188	1383.0	1873.5	-80.0
4189	1383.0	1927.8	-80.0	4190	1333.2	1982.0	-80.0	4191	1333.2	1873.5	-80.0
4192	1333.2	1927.8	-80.0	4193	1520.8	1982.0	-80.0	4194	1520.8	1873.5	-80.0
4195	1520.8	1927.8	-80.0	4196	1474.8	1982.0	-80.0	4197	1428.9	1982.0	-80.0
4198	1474.8	1873.5	-80.0	4199	1428.9	1873.5	-80.0	4200	1474.8	1927.8	-80.0
4201	1428.9	1927.8	-80.0	4202	1643.2	1982.0	-80.0	4203	1643.2	1873.5	-80.0
4204	1643.2	1927.8	-80.0	4205	1582.0	1982.0	-80.0	4206	1582.0	1873.5	-80.0
4207	1582.0	1927.8	-80.0	4208	2222.6	2208.3	-80.0	4209	2355.0	-115.0	-80.0
4210	-1659.6	421.5	-80.0	4211	-1609.6	421.5	-80.0	4212	-208.6	-115.0	-80.0
4213	-208.6	-65.0	-80.0	4214	-1659.6	1247.6	-80.0	4215	2211.0	-65.0	-80.0
4216	-62.2	-115.0	-80.0	4217	-159.8	-115.0	-80.0	4218	-257.4	2000.6	-80.0
4219	-306.1	2000.6	-80.0	4220	-356.6	2010.7	-80.0	4222	-62.2	2000.6	-80.0
4223	-111.0	2000.6	-80.0	4224	-159.8	2000.6	-80.0	4225	-10.4	2000.6	-80.0
4226	241.4	2000.6	-80.0	4227	192.0	2000.6	-80.0	4228	142.6	2000.6	-80.0
4229	93.1	2000.6	-80.0	4230	41.4	2000.6	-80.0	4231	389.7	2000.6	-80.0
4232	340.3	2000.6	-80.0	4233	290.8	2000.6	-80.0	4234	695.8	2000.6	-80.0
4235	646.4	2000.6	-80.0	4236	597.0	2000.6	-80.0	4237	547.5	2000.6	-80.0
4238	498.1	2000.6	-80.0	4239	422.8	2000.6	-80.0	4240	728.9	2000.6	-80.0
4241	811.4	2000.6	-80.0	4242	770.1	2000.6	-80.0	4243	1000.0	2000.6	-80.0
4244	952.9	2000.6	-80.0	4245	905.7	2000.6	-80.0	4246	858.5	2000.6	-80.0
4247	1075.4	2000.6	-80.0	4248	1037.7	2000.6	-80.0	4249	1107.2	2000.6	-80.0
4250	1140.5	2000.6	-80.0	4251	1185.6	2000.6	-80.0	4252	1283.3	2000.6	-80.0
4253	1234.5	2000.6	-80.0	4254	1383.0	2000.6	-80.0	4255	1333.2	2000.6	-80.0
4256	1520.8	2000.6	-80.0	4257	1474.8	2000.6	-80.0	4258	1428.9	2000.6	-80.0
4259	1643.2	2000.6	-80.0	4260	1582.0	2000.6	-80.0	4261	1690.3	2000.6	-80.0
4262	2074.8	2000.6	-80.0	4263	2163.1	2000.6	-80.0	4264	2119.0	2000.6	-80.0
4265	2211.0	2000.6	-80.0	4266	2270.1	2000.6	-80.0	4267	2365.1	2004.4	-80.0
4268	2312.6	2000.6	-80.0	4269	-1099.2	546.1	-80.0	4270	2428.9	2016.8	-80.0
4271	790.8	1180.0	-80.0	4272	2545.9	2000.6	-80.0	4273	2576.7	2000.6	-80.0
4274	2239.8	2218.3	-80.0	4275	1766.7	3026.2	-80.0	4276	2150.4	2371.0	-80.0
4277	2269.6	2167.5	-80.0	4278	1234.5	2942.9	-80.0	4279	-1592.3	1344.7	-80.0
4280	1690.3	2864.5	-80.0	4281	-1609.6	465.3	-80.0	4282	-111.0	-115.0	-80.0
4283	-62.2	-65.0	-80.0	4284	-1445.7	1372.7	-80.0	4285	597.0	2569.4	-80.0
4286	-111.0	-65.0	-80.0	4287	-159.8	-65.0	-80.0	4288	-257.4	2024.4	-80.0
4289	-306.1	2040.3	-80.0	4290	-1659.6	822.3	-80.0	4291	-208.6	2024.4	-80.0
4292	-62.2	2024.4	-80.0	4293	-111.0	2024.4	-80.0	4294	-159.8	2024.4	-80.0
4295	-10.4	2024.4	-80.0	4296	241.4	2024.4	-80.0	4297	192.0	2024.4	-80.0
4298	142.6	2024.4	-80.0	4299	93.1	2024.4	-80.0	4300	41.4	2024.4	-80.0
4301	389.7	2024.4	-80.0	4302	340.3	2024.4	-80.0	4303	290.8	2024.4	-80.0
4304	695.8	2024.4	-80.0	4305	646.4	2024.4	-80.0	4306	597.0	2024.4	-80.0
4307	547.5	2024.4	-80.0	4308	498.1	2024.4	-80.0	4309	422.8	2024.4	-80.0
4310	728.9	2024.4	-80.0	4311	811.4	2024.4	-80.0	4312	770.1	2024.4	-80.0
4313	1000.0	2024.4	-80.0	4314	952.9	2024.4	-80.0	4315	905.7	2024.4	-80.0
4316	858.5	2024.4	-80.0	4317	1075.4	2024.4	-80.0	4318	1037.7	2024.4	-80.0
4319	-1659.6	-115.0	-80.0	4320	2119.0	-115.0	-80.0	4321	-1609.6	-115.0	-80.0
4322	-1659.6	-65.0	-80.0	4323	-1609.6	-65.0	-80.0	4324	-1471.0	1415.8	-80.0
4325	-1659.6	1156.2	-80.0	4326	-1475.3	1355.3	-80.0	4327	-208.6	2055.6	-80.0
4328	-62.2	2055.6	-80.0	4329	-111.0	2055.6	-80.0	4330	-159.8	2055.6	-80.0
4331	-10.4	2055.6	-80.0	4332	241.4	2055.6	-80.0	4333	192.0	2055.6	-80.0
4334	142.6	2055.6	-80.0	4335	93.1	2055.6	-80.0	4336	41.4	2055.6	-80.0
4337	389.7	2055.6	-80.0	4338	340.3	2055.6	-80.0	4339	290.8	2055.6	-80.0
4340	695.8	2055.6	-80.0	4341	646.4	2055.6	-80.0	4342	597.0	2055.6	-80.0
4343	547.5	2055.6	-80.0	4344	498.1	2055.6	-80.0	4345	422.8	2055.6	-80.0
4346	728.9	2055.6	-80.0	4347	811.4	2055.6	-80.0	4348	770.1	2055.6	-80.0
4349	1000.0	2055.6	-80.0	4350	952.9	2055.6	-80.0	4351	905.7	2055.6	-80.0
4352	858.5	2055.6	-80.0	4353	1075.4	2055.6	-80.0	4354	1037.7	2055.6	-80.0
4355	1107.2	2024.4	-80.0	4356	1107.2	2055.6	-80.0	4357	1185.6	2024.4	-80.0
4358	1185.6	2055.6	-80.0	4359	1140.5	2024.4	-80.0	4360	1140.5	2055.6	-80.0
4361	1643.2	2055.6	-80.0	4362	1690.3	2055.6	-80.0	4363	1690.3	2024.4	-80.0
4364	1643.2	2024.4	-80.0	4365	1520.8	2024.4	-80.0	4366	1520.8	2055.6	-80.0
4367	1582.0	2024.4	-80.0	4368	1582.0	2055.6	-80.0	4369	1383.0	2024.4	-80.0
4370	1428.9	2024.4	-80.0	4371	1474.8	2024.4	-80.0	4372	1283.3	2024.4	-80.0
4373	1333.2	2024.4	-80.0	4374	1234.5	2024.4	-80.0	4375	1283.3	2055.6	-80.0
4376	1234.5	2055.6	-80.0	4378	1333.2	2055.6	-80.0	4379	1474.8	2055.6	-80.0
4380	1428.9	2055.6	-80.0	4381	2074.8	2055.6	-80.0	4382	2163.1	2055.6	-80.0
4383	2270.1	2055.6	-80.0	4384	2428.9	2067.8	-80.0	4385	2135.0	2496.3	-80.0
4386	1707.5	3127.3	-80.0	4387	2751.9	1230.7	-80.0	4388	2490.2	2028.8	-80.0
4389	2545.9	2090.6	-80.0	4390	2545.9	2039.7	-80.0	4391	2490.2	2079.8	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
4392	2572.1	2024.4	-80.0	4393	2572.1	2044.8	-80.0	4394	1986.1	2612.1	-80.0
4395	2223.5	2345.2	-80.0	4396	-485.9	1992.9	-80.0	4397	2076.0	2597.1	-80.0
4398	1383.0	2763.4	-80.0	4399	1898.7	2899.9	-80.0	4400	2270.1	2024.4	-80.0
4401	2163.1	2024.4	-80.0	4402	2211.0	2024.4	-80.0	4403	2211.0	2055.6	-80.0
4404	2074.8	2024.4	-80.0	4405	2119.0	2024.4	-80.0	4406	2119.0	2055.6	-80.0
4407	1582.0	3016.1	-80.0	4408	1582.0	3066.7	-80.0	4409	2312.6	2024.4	-80.0
4410	1520.8	2813.9	-80.0	4411	2392.0	2009.6	-80.0	4412	2751.9	1203.9	-80.0
4413	2074.8	2360.9	-80.0	4414	2074.8	2106.5	-80.0	4415	2074.8	2157.4	-80.0
4416	2074.8	2208.3	-80.0	4417	2074.8	2259.1	-80.0	4418	2074.8	2310.0	-80.0
4419	1749.5	3016.1	-80.0	4420	2163.1	2106.5	-80.0	4421	2163.1	2157.4	-80.0
4422	2163.1	2208.3	-80.0	4423	2163.1	2259.1	-80.0	4424	1403.7	3099.9	-80.0
4425	-1609.6	1334.5	-80.0	4426	2119.0	2106.5	-80.0	4427	2119.0	2157.4	-80.0
4428	2119.0	2208.3	-80.0	4429	2119.0	2259.1	-80.0	4430	2119.0	2310.0	-80.0
4431	2133.2	2360.9	-80.0	4432	2211.0	2106.5	-80.0	4433	2211.0	2157.4	-80.0
4434	1520.8	2965.6	-80.0	4435	1428.9	3016.1	-80.0	4436	1721.3	2763.4	-80.0
4437	1773.5	2813.9	-80.0	4438	1520.8	2864.5	-80.0	4439	1556.7	3189.6	-80.0
4440	2344.2	2000.6	-80.0	4441	1721.3	2813.9	-80.0	4442	1721.3	2864.5	-80.0
4443	2252.4	2157.4	-80.0	4444	1643.2	3117.2	-80.0	4445	1643.2	2813.9	-80.0
4446	1643.2	2864.5	-80.0	4447	1825.7	2763.4	-80.0	4448	1825.7	2813.9	-80.0
4449	1474.8	3016.1	-80.0	4451	1474.8	2965.6	-80.0	4452	1582.0	2965.6	-80.0
4453	1721.3	2915.0	-80.0	4454	2311.9	2055.6	-80.0	4455	1520.8	2763.4	-80.0
4456	1643.2	2915.0	-80.0	4457	1643.2	2965.6	-80.0	4458	1643.2	3016.1	-80.0
4459	2330.2	2024.4	-80.0	4460	1520.8	2915.0	-80.0	4461	2282.2	2106.5	-80.0
4462	1643.2	2763.4	-80.0	4463	1643.2	3066.7	-80.0	4464	1582.0	3117.2	-80.0
4465	1956.6	2662.5	-80.0	4466	1649.9	3186.3	-80.0	4467	-1294.3	1519.3	-80.0
4468	2666.0	1658.2	-80.0	4469	1582.0	2763.4	-80.0	4470	1582.0	2813.9	-80.0
4471	1927.1	2712.8	-80.0	4472	1897.5	2763.4	-80.0	4473	-947.1	1722.7	-80.0
4474	2572.1	2095.7	-80.0	4475	2545.9	2019.3	-80.0	4476	1582.0	2864.5	-80.0
4477	2045.1	2511.3	-80.0	4478	-539.4	1961.6	-80.0	4479	270.4	2436.0	-80.0
4480	2577.9	2096.9	-80.0	4481	2587.8	2047.8	-80.0	4482	1582.0	2915.0	-80.0
4483	522.3	2583.6	-80.0	4484	-804.5	1748.3	-80.0	4485	1721.3	3064.3	-80.0
4486	1928.3	2849.3	-80.0	4487	1685.0	3264.8	-80.0	4488	-1609.6	1156.2	-80.0
4489	48.8	2248.2	-80.0	4490	-759.6	1832.6	-80.0	4491	2392.0	-115.0	-80.0
4492	1839.5	3001.0	-80.0	4493	-1659.6	1247.3	-80.0	4494	-1149.8	1604.0	-80.0
4495	547.5	2540.4	-80.0	4496	1690.3	2763.4	-80.0	4497	146.4	2305.4	-80.0
4498	2164.3	2446.3	-80.0	4499	2046.5	2647.5	-80.0	4500	1773.5	2864.5	-80.0
4501	1357.7	3073.0	-80.0	4502	1690.3	2813.9	-80.0	4503	1495.5	3153.8	-80.0
4504	2592.5	2024.4	-80.0	4505	2597.3	2000.6	-80.0	4506	1808.7	2915.0	-80.0
4507	1115.2	2931.0	-80.0	4508	195.1	2334.0	-80.0	4509	1690.3	2360.9	-80.0
4510	1690.3	2310.0	-80.0	4511	1690.3	2259.1	-80.0	4512	1690.3	2208.3	-80.0
4513	1690.3	2157.4	-80.0	4514	1690.3	2106.5	-80.0	4515	1643.2	2360.9	-80.0
4516	1643.2	2106.5	-80.0	4517	1643.2	2157.4	-80.0	4518	1643.2	2208.3	-80.0
4519	1643.2	2259.1	-80.0	4520	1643.2	2310.0	-80.0	4521	1520.8	2360.9	-80.0
4522	1520.8	2106.5	-80.0	4523	1520.8	2157.4	-80.0	4524	1520.8	2208.3	-80.0
4525	1520.8	2259.1	-80.0	4526	1520.8	2310.0	-80.0	4527	1582.0	2360.9	-80.0
4528	1582.0	2106.5	-80.0	4529	1582.0	2157.4	-80.0	4530	1582.0	2208.3	-80.0
4531	1582.0	2259.1	-80.0	4532	1582.0	2310.0	-80.0	4533	1383.0	2360.9	-80.0
4534	1383.0	2106.5	-80.0	4535	1383.0	2157.4	-80.0	4536	1383.0	2208.3	-80.0
4537	1383.0	2259.1	-80.0	4538	1383.0	2310.0	-80.0	4539	1428.9	2360.9	-80.0
4540	1474.8	2360.9	-80.0	4541	1428.9	2310.0	-80.0	4542	1428.9	2259.1	-80.0
4543	1428.9	2208.3	-80.0	4544	1428.9	2157.4	-80.0	4545	1428.9	2106.5	-80.0
4546	1474.8	2310.0	-80.0	4547	1474.8	2259.1	-80.0	4548	1474.8	2208.3	-80.0
4549	1474.8	2157.4	-80.0	4550	1474.8	2106.5	-80.0	4551	1283.3	2360.9	-80.0
4552	1283.3	2106.5	-80.0	4553	1283.3	2157.4	-80.0	4554	1283.3	2208.3	-80.0
4555	1283.3	2259.1	-80.0	4556	1283.3	2310.0	-80.0	4557	1333.2	2360.9	-80.0
4558	1333.2	2310.0	-80.0	4559	1333.2	2259.1	-80.0	4560	1333.2	2208.3	-80.0
4561	1333.2	2157.4	-80.0	4562	1333.2	2106.5	-80.0	4563	1185.6	2360.9	-80.0
4564	1185.6	2106.5	-80.0	4565	1185.6	2157.4	-80.0	4566	1185.6	2208.3	-80.0
4567	1185.6	2259.1	-80.0	4568	1185.6	2310.0	-80.0	4569	1234.5	2360.9	-80.0
4570	1234.5	2106.5	-80.0	4571	1234.5	2157.4	-80.0	4572	1234.5	2208.3	-80.0
4573	1234.5	2259.1	-80.0	4574	1234.5	2310.0	-80.0	4575	1140.5	2360.9	-80.0
4576	1140.5	2106.5	-80.0	4577	1140.5	2157.4	-80.0	4578	1140.5	2208.3	-80.0
4579	1140.5	2259.1	-80.0	4580	1140.5	2310.0	-80.0	4581	1107.2	2360.9	-80.0
4582	1107.2	2106.5	-80.0	4583	1107.2	2157.4	-80.0	4584	1107.2	2208.3	-80.0
4585	1107.2	2259.1	-80.0	4586	1107.2	2310.0	-80.0	4587	1075.4	2360.9	-80.0
4588	1075.4	2106.5	-80.0	4589	1075.4	2157.4	-80.0	4590	1075.4	2208.3	-80.0
4591	1075.4	2259.1	-80.0	4592	1075.4	2310.0	-80.0	4593	1000.0	2360.9	-80.0
4594	1000.0	2106.5	-80.0	4595	1000.0	2157.4	-80.0	4596	1000.0	2208.3	-80.0
4597	1000.0	2259.1	-80.0	4598	1000.0	2310.0	-80.0	4599	1037.7	2360.9	-80.0
4600	1037.7	2310.0	-80.0	4601	1037.7	2259.1	-80.0	4602	1037.7	2208.3	-80.0
4603	1037.7	2157.4	-80.0	4604	1037.7	2106.5	-80.0	4605	811.4	2360.9	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
4606	811.4	2106.5	-80.0	4607	811.4	2157.4	-80.0	4608	811.4	2208.3	-80.0
4609	811.4	2259.1	-80.0	4610	811.4	2310.0	-80.0	4611	858.5	2360.9	-80.0
4612	905.7	2360.9	-80.0	4613	952.9	2360.9	-80.0	4614	858.5	2310.0	-80.0
4615	858.5	2259.1	-80.0	4616	858.5	2208.3	-80.0	4617	858.5	2157.4	-80.0
4618	858.5	2106.5	-80.0	4619	905.7	2310.0	-80.0	4620	905.7	2259.1	-80.0
4621	905.7	2208.3	-80.0	4622	905.7	2157.4	-80.0	4623	905.7	2106.5	-80.0
4624	952.9	2310.0	-80.0	4625	952.9	2259.1	-80.0	4626	952.9	2208.3	-80.0
4627	952.9	2157.4	-80.0	4628	952.9	2106.5	-80.0	4629	728.9	2360.9	-80.0
4630	770.1	2360.9	-80.0	4631	728.9	2310.0	-80.0	4632	728.9	2259.1	-80.0
4633	728.9	2208.3	-80.0	4634	728.9	2157.4	-80.0	4635	728.9	2106.5	-80.0
4636	770.1	2310.0	-80.0	4637	770.1	2259.1	-80.0	4638	770.1	2208.3	-80.0
4639	770.1	2157.4	-80.0	4640	770.1	2106.5	-80.0	4641	695.8	2360.9	-80.0
4642	695.8	2106.5	-80.0	4643	695.8	2157.4	-80.0	4644	695.8	2208.3	-80.0
4645	695.8	2259.1	-80.0	4646	695.8	2310.0	-80.0	4648	389.7	2106.5	-80.0
4649	389.7	2157.4	-80.0	4650	389.7	2208.3	-80.0	4651	389.7	2259.1	-80.0
4652	389.7	2310.0	-80.0	4653	422.8	2360.9	-80.0	4654	498.1	2360.9	-80.0
4655	547.5	2360.9	-80.0	4656	597.0	2360.9	-80.0	4657	646.4	2360.9	-80.0
4658	422.8	2310.0	-80.0	4659	422.8	2259.1	-80.0	4660	422.8	2208.3	-80.0
4661	422.8	2157.4	-80.0	4662	422.8	2106.5	-80.0	4663	498.1	2310.0	-80.0
4664	498.1	2259.1	-80.0	4665	498.1	2208.3	-80.0	4666	498.1	2157.4	-80.0
4667	498.1	2106.5	-80.0	4668	547.5	2310.0	-80.0	4669	547.5	2259.1	-80.0
4670	547.5	2208.3	-80.0	4671	547.5	2157.4	-80.0	4672	547.5	2106.5	-80.0
4673	597.0	2310.0	-80.0	4674	597.0	2259.1	-80.0	4675	597.0	2208.3	-80.0
4676	597.0	2157.4	-80.0	4677	597.0	2106.5	-80.0	4678	646.4	2310.0	-80.0
4679	646.4	2259.1	-80.0	4680	646.4	2208.3	-80.0	4681	646.4	2157.4	-80.0
4682	646.4	2106.5	-80.0	4683	243.9	2362.6	-80.0	4684	241.4	2106.5	-80.0
4685	241.4	2157.4	-80.0	4686	241.4	2208.3	-80.0	4687	241.4	2259.1	-80.0
4688	241.4	2310.0	-80.0	4689	290.8	2360.9	-80.0	4690	340.3	2360.9	-80.0
4691	290.8	2310.0	-80.0	4692	290.8	2259.1	-80.0	4693	290.8	2208.3	-80.0
4694	290.8	2157.4	-80.0	4695	290.8	2106.5	-80.0	4696	340.3	2310.0	-80.0
4697	340.3	2259.1	-80.0	4698	340.3	2208.3	-80.0	4699	340.3	2157.4	-80.0
4700	340.3	2106.5	-80.0	4701	192.0	-115.0	-80.0	4702	-10.4	2106.5	-80.0
4703	-10.4	2157.4	-80.0	4704	0.0	2219.7	-80.0	4705	-240.9	2136.4	-80.0
4706	1960.5	19.5	1095.0	4707	241.4	-65.0	-80.0	4708	192.0	-65.0	-80.0
4709	2074.8	-65.0	-80.0	4710	571.7	2612.5	-80.0	4711	2490.2	-115.0	-80.0
4712	-1659.6	1203.9	-80.0	4713	41.4	2208.3	-80.0	4714	41.4	2157.4	-80.0
4715	41.4	2106.5	-80.0	4716	-1413.5	1391.5	-80.0	4717	97.6	2276.8	-80.0
4718	93.1	2208.3	-80.0	4719	93.1	2157.4	-80.0	4720	93.1	2106.5	-80.0
4721	-1609.6	1203.9	-80.0	4722	142.6	2259.1	-80.0	4723	142.6	2208.3	-80.0
4724	142.6	2157.4	-80.0	4725	142.6	2106.5	-80.0	4726	192.0	2310.0	-80.0
4727	192.0	2259.1	-80.0	4728	192.0	2208.3	-80.0	4729	192.0	2157.4	-80.0
4730	192.0	2106.5	-80.0	4731	1915.5	19.5	1095.0	4732	-62.2	2106.5	-80.0
4733	-62.2	2157.4	-80.0	4734	-163.4	2123.9	-80.0	4735	497.9	2511.3	-80.0
4736	1870.6	19.5	1095.0	4737	1690.3	19.5	1095.0	4738	-1659.6	1108.5	-80.0
4739	1333.2	3000.7	-80.0	4740	2074.8	19.5	1095.0	4741	2163.1	19.5	1095.0
4742	2119.0	19.5	1095.0	4743	2355.0	19.5	1095.0	4744	2312.6	19.5	1095.0
4745	2270.1	19.5	1095.0	4746	2428.9	19.5	1095.0	4747	2392.0	19.5	1095.0
4748	-1317.2	1448.0	-80.0	4749	241.4	377.7	718.0	4750	2211.0	19.5	1095.0
4751	2490.2	19.5	1095.0	4752	1283.3	2971.5	-80.0	4753	-1609.6	822.3	-80.0
4754	-111.0	2106.5	-80.0	4755	2545.9	19.5	1095.0	4756	-331.4	2083.4	-80.0
4757	2572.1	19.5	1095.0	4758	2642.7	19.5	1095.0	4759	2685.3	19.5	1095.0
4760	-804.5	-115.0	-80.0	4761	-1659.6	546.1	-80.0	4762	2074.8	19.5	718.0
4763	1773.5	19.5	340.0	4764	-804.5	-65.0	-80.0	4765	-767.4	-115.0	-80.0
4766	-1609.6	546.1	-80.0	4767	-1659.6	584.7	-80.0	4768	-767.4	-65.0	-80.0
4769	-734.3	-115.0	-80.0	4770	-734.3	-65.0	-80.0	4771	-677.7	-115.0	-80.0
4772	-677.7	-65.0	-80.0	4773	-10.4	-115.0	-80.0	4774	241.4	-115.0	-80.0
4775	-10.4	-65.0	-80.0	4776	41.4	-115.0	-80.0	4777	93.1	-115.0	-80.0
4778	2705.7	19.5	1095.0	4779	-1609.6	584.7	-80.0	4780	2751.9	19.5	1095.0
4781	-621.1	-115.0	-80.0	4782	-407.1	-115.0	-80.0	4783	-621.1	-65.0	-80.0
4784	-567.6	-115.0	-80.0	4785	-514.1	-115.0	-80.0	4786	-460.6	-115.0	-80.0
4787	-407.1	-65.0	-80.0	4788	-460.6	-65.0	-80.0	4789	-514.1	-65.0	-80.0
4790	-567.6	-65.0	-80.0	4791	2736.9	-15.0	1095.0	4792	1185.6	-15.0	1095.0
4793	-257.4	-115.0	-80.0	4794	-356.6	-115.0	-80.0	4795	1283.3	-15.0	1095.0
4796	1234.5	-15.0	1095.0	4797	1140.5	-15.0	1095.0	4798	-306.1	-115.0	-80.0
4799	142.6	-115.0	-80.0	4800	1107.2	-15.0	1095.0	4801	1383.0	-15.0	1095.0
4802	1333.2	-15.0	1095.0	4803	2705.7	-115.0	-80.0	4804	142.6	-65.0	-80.0
4805	93.1	-65.0	-80.0	4806	2211.0	-115.0	-80.0	4807	41.4	-65.0	-80.0
4808	389.7	-115.0	-80.0	4809	389.7	-65.0	-80.0	4810	340.3	-115.0	-80.0
4811	290.8	-115.0	-80.0	4812	290.8	-65.0	-80.0	4813	340.3	-65.0	-80.0
4814	695.8	-115.0	-80.0	4815	-1554.2	1367.0	-80.0	4816	389.7	2410.9	-80.0
4817	-829.8	1791.4	-80.0	4818	597.0	-65.0	-80.0	4819	347.5	2423.2	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
4820	-1220.8	1504.4	-80.0	4821	695.8	2461.0	-80.0	4822	695.8	2410.9	-80.0
4823	646.4	2461.0	-80.0	4824	597.0	2461.0	-80.0	4825	547.5	2461.0	-80.0
4826	498.1	2461.0	-80.0	4827	448.7	2482.5	-80.0	4828	646.4	2410.9	-80.0
4829	597.0	2410.9	-80.0	4830	547.5	2410.9	-80.0	4831	498.1	2410.9	-80.0
4832	422.8	2410.9	-80.0	4833	728.9	2461.0	-80.0	4834	728.9	2410.9	-80.0
4835	811.4	2461.0	-80.0	4836	811.4	2410.9	-80.0	4837	770.1	2461.0	-80.0
4838	770.1	2410.9	-80.0	4839	1000.0	2461.0	-80.0	4840	1000.0	2410.9	-80.0
4841	952.9	2461.0	-80.0	4842	905.7	2461.0	-80.0	4843	858.5	2461.0	-80.0
4844	952.9	2410.9	-80.0	4845	905.7	2410.9	-80.0	4846	858.5	2410.9	-80.0
4847	1075.4	2461.0	-80.0	4848	1075.4	2410.9	-80.0	4849	1037.7	2461.0	-80.0
4850	1037.7	2410.9	-80.0	4851	1107.2	2461.0	-80.0	4852	1107.2	2410.9	-80.0
4853	1140.5	2461.0	-80.0	4854	1140.5	2410.9	-80.0	4855	1185.6	2461.0	-80.0
4856	1185.6	2410.9	-80.0	4857	1283.3	2461.0	-80.0	4858	1283.3	2410.9	-80.0
4859	1234.5	2461.0	-80.0	4860	1234.5	2410.9	-80.0	4861	1383.0	2461.0	-80.0
4862	1383.0	2410.9	-80.0	4863	1333.2	2461.0	-80.0	4864	1333.2	2410.9	-80.0
4865	1520.8	2461.0	-80.0	4866	1520.8	2410.9	-80.0	4867	1474.8	2461.0	-80.0
4868	1428.9	2461.0	-80.0	4869	1474.8	2410.9	-80.0	4870	1428.9	2410.9	-80.0
4871	1643.2	2461.0	-80.0	4872	1643.2	2410.9	-80.0	4873	1582.0	2461.0	-80.0
4874	1582.0	2410.9	-80.0	4875	1690.3	2461.0	-80.0	4876	1690.3	2410.9	-80.0
4877	1721.3	2461.0	-80.0	4878	1721.3	2410.9	-80.0	4879	1825.7	2461.0	-80.0
4880	1825.7	2410.9	-80.0	4881	1773.5	2461.0	-80.0	4882	1773.5	2410.9	-80.0
4883	2005.4	2461.0	-80.0	4884	2005.4	2410.9	-80.0	4885	1960.5	2461.0	-80.0
4886	1915.5	2461.0	-80.0	4887	1870.6	2461.0	-80.0	4888	1960.5	2410.9	-80.0
4889	1915.5	2410.9	-80.0	4890	1870.6	2410.9	-80.0	4892	2074.8	2410.9	-80.0
4893	1721.3	2965.6	-80.0	4894	1721.3	3016.1	-80.0	4895	-646.4	1898.9	-80.0
4896	1333.2	2864.5	-80.0	4897	1773.5	2915.0	-80.0	4898	1333.2	2915.0	-80.0
4899	-1197.9	1575.7	-80.0	4900	2163.1	2309.8	-80.0	4901	472.9	2554.6	-80.0
4902	1333.2	2965.6	-80.0	4903	1428.9	2763.4	-80.0	4904	2015.6	2561.7	-80.0
4905	2545.9	-115.0	-80.0	4906	621.1	2641.5	-80.0	4907	833.3	2765.8	-80.0
4908	-1099.1	1633.6	-80.0	4909	2642.7	-115.0	-80.0	4910	-58.9	2185.2	-80.0
4911	-215.7	2093.3	-80.0	4912	1449.6	3126.8	-80.0	4913	295.7	2392.9	-80.0
4914	23.5	2291.4	-80.0	4915	670.6	2670.4	-80.0	4916	-1048.4	1663.3	-80.0
4917	-280.9	2113.0	-80.0	4918	-1535.1	1378.2	-80.0	4919	703.6	2689.8	-80.0
4920	786.1	2738.1	-80.0	4921	-1390.6	1462.8	-80.0	4922	374.0	2496.7	-80.0
4923	422.8	-115.0	-80.0	4924	547.5	-65.0	-80.0	4925	498.1	-115.0	-80.0
4926	498.1	-65.0	-80.0	4927	422.8	-65.0	-80.0	4928	811.4	-115.0	-80.0
4929	1690.3	3016.1	-80.0	4930	1000.0	-115.0	-80.0	4931	811.4	-65.0	-80.0
4932	858.5	-115.0	-80.0	4933	547.5	-115.0	-80.0	4934	2572.1	-115.0	-80.0
4935	905.7	-115.0	-80.0	4936	952.9	-115.0	-80.0	4937	1000.0	-65.0	-80.0
4938	952.9	-65.0	-80.0	4939	905.7	-65.0	-80.0	4940	858.5	-65.0	-80.0
4941	728.9	-115.0	-80.0	4942	597.0	-115.0	-80.0	4943	1825.7	-115.0	-80.0
4944	695.8	2511.3	-80.0	4945	695.8	2561.7	-80.0	4946	-1500.6	1398.4	-80.0
4947	-1609.6	1060.8	-80.0	4948	1825.7	-65.0	-80.0	4949	1870.6	-115.0	-80.0
4950	2705.7	-65.0	-80.0	4951	646.4	-115.0	-80.0	4952	728.9	-65.0	-80.0
4953	646.4	2511.3	-80.0	4954	597.0	2511.3	-80.0	4955	547.5	2511.3	-80.0
4956	-84.1	2228.3	-80.0	4957	218.7	2405.7	-80.0	4958	646.4	2561.7	-80.0
4959	-25.3	2262.8	-80.0	4960	-1659.6	1305.3	-80.0	4961	1428.9	3056.8	-80.0
4962	770.1	-115.0	-80.0	4963	-1172.7	1532.6	-80.0	4964	-1609.6	1108.5	-80.0
4965	2736.9	-65.0	-80.0	4966	2685.3	-115.0	-80.0	4967	770.1	-65.0	-80.0
4968	2163.1	-65.0	-80.0	4969	1474.8	2813.9	-80.0	4970	2685.3	-65.0	-80.0
4971	-621.1	1855.8	-80.0	4972	2736.9	-115.0	-80.0	4973	-514.1	1918.4	-80.0
4974	728.9	2511.3	-80.0	4975	728.9	2561.7	-80.0	4976	728.9	2612.1	-80.0
4977	-432.4	2024.3	-80.0	4978	2642.7	-65.0	-80.0	4979	811.4	2511.3	-80.0
4980	811.4	2561.7	-80.0	4981	811.4	2612.1	-80.0	4982	811.4	2662.5	-80.0
4983	-1438.8	1434.6	-80.0	4984	770.1	2511.3	-80.0	4985	770.1	2561.7	-80.0
4986	770.1	2612.1	-80.0	4987	72.3	2319.9	-80.0	4989	1000.0	2511.3	-80.0
4990	1000.0	2561.7	-80.0	4991	1000.0	2612.1	-80.0	4992	1000.0	2662.5	-80.0
4993	952.9	2712.8	-80.0	4994	905.7	2712.8	-80.0	4995	-188.7	2167.0	-80.0
4996	952.9	2511.3	-80.0	4997	905.7	2511.3	-80.0	4998	858.5	2511.3	-80.0
4999	952.9	2561.7	-80.0	5000	905.7	2561.7	-80.0	5001	858.5	2561.7	-80.0
5002	952.9	2612.1	-80.0	5003	905.7	2612.1	-80.0	5004	858.5	2612.1	-80.0
5005	952.9	2662.5	-80.0	5006	905.7	2662.5	-80.0	5007	858.5	2662.5	-80.0
5008	1075.4	2712.8	-80.0	5009	1075.4	2511.3	-80.0	5010	1075.4	2561.7	-80.0
5011	1075.4	2612.1	-80.0	5012	1075.4	2662.5	-80.0	5013	1037.7	2712.8	-80.0
5014	1037.7	2511.3	-80.0	5015	1037.7	2561.7	-80.0	5016	1037.7	2612.1	-80.0
5017	1037.7	2662.5	-80.0	5018	1107.2	2712.8	-80.0	5019	1107.2	2511.3	-80.0
5020	1107.2	2561.7	-80.0	5021	1107.2	2612.1	-80.0	5022	1107.2	2662.5	-80.0
5023	1140.5	2712.8	-80.0	5024	1140.5	2511.3	-80.0	5025	1140.5	2561.7	-80.0
5026	1140.5	2612.1	-80.0	5027	1140.5	2662.5	-80.0	5028	1185.6	2712.8	-80.0
5029	1185.6	2511.3	-80.0	5030	1185.6	2561.7	-80.0	5031	1185.6	2612.1	-80.0
5032	1185.6	2662.5	-80.0	5033	1283.3	2712.8	-80.0	5034	1283.3	2511.3	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
5035	1283.3	2561.7	-80.0	5036	1283.3	2612.1	-80.0	5037	1283.3	2662.5	-80.0
5038	1234.5	2712.8	-80.0	5039	1234.5	2511.3	-80.0	5040	1234.5	2561.7	-80.0
5041	1234.5	2612.1	-80.0	5042	1234.5	2662.5	-80.0	5043	1383.0	2712.8	-80.0
5044	1383.0	2511.3	-80.0	5045	1383.0	2561.7	-80.0	5046	1383.0	2612.1	-80.0
5047	1383.0	2662.5	-80.0	5048	1333.2	2712.8	-80.0	5049	1333.2	2511.3	-80.0
5050	1333.2	2561.7	-80.0	5051	1333.2	2612.1	-80.0	5052	1333.2	2662.5	-80.0
5053	1520.8	2712.8	-80.0	5054	1520.8	2511.3	-80.0	5055	1520.8	2561.7	-80.0
5056	1520.8	2612.1	-80.0	5057	1520.8	2662.5	-80.0	5058	1474.8	2712.8	-80.0
5059	1428.9	2712.8	-80.0	5060	1474.8	2511.3	-80.0	5061	1428.9	2511.3	-80.0
5062	1474.8	2561.7	-80.0	5063	1428.9	2561.7	-80.0	5064	1474.8	2612.1	-80.0
5065	1428.9	2612.1	-80.0	5066	1474.8	2662.5	-80.0	5067	1428.9	2662.5	-80.0
5068	1643.2	2712.8	-80.0	5069	1643.2	2511.3	-80.0	5070	1643.2	2561.7	-80.0
5071	1643.2	2612.1	-80.0	5072	1643.2	2662.5	-80.0	5073	1582.0	2712.8	-80.0
5074	1582.0	2511.3	-80.0	5075	1582.0	2561.7	-80.0	5076	1582.0	2612.1	-80.0
5077	1582.0	2662.5	-80.0	5078	1690.3	2712.8	-80.0	5079	1690.3	2511.3	-80.0
5080	1690.3	2561.7	-80.0	5081	1690.3	2612.1	-80.0	5082	1690.3	2662.5	-80.0
5083	1721.3	2712.8	-80.0	5084	1721.3	2511.3	-80.0	5085	1721.3	2561.7	-80.0
5086	1721.3	2612.1	-80.0	5087	1721.3	2662.5	-80.0	5088	1825.7	2712.8	-80.0
5089	1825.7	2511.3	-80.0	5090	1825.7	2561.7	-80.0	5091	1825.7	2612.1	-80.0
5092	1825.7	2662.5	-80.0	5093	1773.5	2712.8	-80.0	5094	1773.5	2511.3	-80.0
5095	1773.5	2561.7	-80.0	5096	1773.5	2612.1	-80.0	5097	1773.5	2662.5	-80.0
5098	1081.9	2911.4	-80.0	5099	2005.4	2511.3	-80.0	5100	1428.9	2813.9	-80.0
5101	1838.3	2864.5	-80.0	5102	-792.6	1813.2	-80.0	5103	1428.9	2915.0	-80.0
5104	1428.9	2864.5	-80.0	5105	1870.6	2712.8	-80.0	5106	1960.5	2511.3	-80.0
5107	1915.5	2511.3	-80.0	5108	1870.6	2511.3	-80.0	5109	1960.5	2561.7	-80.0
5110	1915.5	2561.7	-80.0	5111	1870.6	2561.7	-80.0	5112	1960.5	2612.1	-80.0
5113	1915.5	2612.1	-80.0	5114	1870.6	2612.1	-80.0	5115	1867.9	2813.9	-80.0
5116	1915.5	2662.5	-80.0	5117	1870.6	2662.5	-80.0	5118	-703.0	1865.7	-80.0
5119	-592.9	1930.2	-80.0	5120	-1609.6	726.0	-80.0	5121	-1609.6	623.2	-80.0
5122	-1609.6	674.6	-80.0	5123	-1659.6	726.0	-80.0	5124	927.6	2821.0	-80.0
5125	-1659.6	623.2	-80.0	5126	-1659.6	674.6	-80.0	5127	2270.1	-65.0	-80.0
5128	1383.0	3029.9	-80.0	5129	1779.1	2965.6	-80.0	5130	1520.8	3066.7	-80.0
5131	1428.9	2965.6	-80.0	5132	1870.6	2763.4	-80.0	5133	-1609.6	755.8	-80.0
5134	2490.2	-65.0	-80.0	5135	1520.8	3110.6	-80.0	5136	2428.9	-115.0	-80.0
5137	1474.8	3083.7	-80.0	5138	1915.5	-115.0	-80.0	5139	1960.5	-115.0	-80.0
5140	1960.5	-65.0	-80.0	5141	1915.5	-65.0	-80.0	5142	1870.6	-65.0	-80.0
5143	1721.3	-115.0	-80.0	5144	1721.3	-65.0	-80.0	5145	1773.5	-115.0	-80.0
5146	880.4	2793.4	-80.0	5147	1000.0	2763.4	-80.0	5148	-1528.9	1323.9	-80.0
5149	2392.0	-65.0	-80.0	5150	1773.5	-65.0	-80.0	5151	1690.3	-115.0	-80.0
5152	1690.3	-65.0	-80.0	5153	1643.2	-115.0	-80.0	5154	1643.2	-65.0	-80.0
5155	1520.8	-115.0	-80.0	5156	1520.8	-65.0	-80.0	5157	121.1	2348.5	-80.0
5158	-1567.1	1301.5	-80.0	5159	1307.9	3043.8	-80.0	5160	-407.1	1981.1	-80.0
5161	2163.1	-115.0	-80.0	5162	1582.0	-115.0	-80.0	5163	1582.0	-65.0	-80.0
5164	1383.0	-115.0	-80.0	5165	1383.0	-65.0	-80.0	5166	1428.9	-115.0	-80.0
5167	1474.8	-115.0	-80.0	5168	1428.9	-65.0	-80.0	5169	1474.8	-65.0	-80.0
5170	1283.3	-115.0	-80.0	5171	1283.3	-65.0	-80.0	5172	1333.2	-115.0	-80.0
5173	1333.2	-65.0	-80.0	5174	1185.6	-115.0	-80.0	5175	1185.6	-65.0	-80.0
5176	1234.5	-115.0	-80.0	5177	1234.5	-65.0	-80.0	5178	1140.5	-115.0	-80.0
5179	1075.4	2763.4	-80.0	5180	1075.4	2813.9	-80.0	5181	-111.0	2154.5	-80.0
5182	2270.1	-115.0	-80.0	5183	1140.5	-65.0	-80.0	5184	1107.2	-115.0	-80.0
5185	1107.2	-65.0	-80.0	5186	1075.4	-115.0	-80.0	5187	1037.7	2763.4	-80.0
5188	-1342.4	1491.1	-80.0	5189	-460.6	1949.8	-80.0	5190	2119.0	-65.0	-80.0
5191	1075.4	-65.0	-80.0	5192	1037.7	-115.0	-80.0	5193	1037.7	-65.0	-80.0
5194	1474.8	2763.4	-80.0	5195	1107.2	2763.4	-80.0	5196	1107.2	2813.9	-80.0
5197	1258.1	3014.7	-80.0	5198	-136.4	2197.7	-80.0	5199	-1609.6	1013.1	-80.0
5200	1690.3	3066.7	-80.0	5201	2751.9	546.1	-80.0	5202	2312.6	-115.0	-80.0
5203	1140.5	2763.4	-80.0	5204	1140.5	2813.9	-80.0	5205	1140.5	2864.5	-80.0
5206	-972.5	1649.9	-80.0	5207	646.4	-65.0	-80.0	5208	1582.0	3146.5	-80.0
5209	-1634.9	1319.7	-80.0	5210	2103.9	2410.9	-80.0	5211	1185.6	2763.4	-80.0
5212	1185.6	2813.9	-80.0	5213	1185.6	2864.5	-80.0	5214	-734.3	1789.4	-80.0
5215	322.2	2466.4	-80.0	5216	1474.8	2864.5	-80.0	5217	2572.1	-65.0	-80.0
5218	2074.8	-115.0	-80.0	5219	1283.3	2763.4	-80.0	5220	1283.3	2813.9	-80.0
5221	1283.3	2864.5	-80.0	5222	1283.3	2915.0	-80.0	5223	-1246.1	1547.5	-80.0
5224	-1609.6	1276.6	-80.0	5225	-997.8	1693.0	-80.0	5226	-1609.6	965.4	-80.0
5227	1234.5	2763.4	-80.0	5228	2633.7	1819.2	-80.0	5229	2655.3	1711.9	-80.0
5230	2731.6	1332.0	-80.0	5231	2685.0	1563.7	-80.0	5232	2611.9	1927.8	-80.0
5233	2695.6	1510.9	-80.0	5234	2714.1	1418.7	-80.0	5235	2748.5	1247.6	-80.0
5236	2674.4	1616.5	-80.0	5237	-621.1	377.7	340.0	5238	-621.1	197.2	340.0
5239	-407.1	197.2	340.0	5240	-407.1	377.7	340.0	5241	-621.1	332.6	340.0
5242	-621.1	287.5	340.0	5243	-621.1	242.3	340.0	5244	-567.6	197.2	340.0
5245	-514.1	197.2	340.0	5246	-460.6	197.2	340.0	5247	-407.1	242.3	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
5248	-407.1	287.5	340.0	5249	-407.1	332.6	340.0	5250	-460.6	377.7	340.0
5251	-514.1	377.7	340.0	5252	-567.6	377.7	340.0	5253	-460.6	242.3	340.0
5254	-514.1	242.3	340.0	5255	-567.6	242.3	340.0	5256	-460.6	287.5	340.0
5257	-514.1	287.5	340.0	5258	-567.6	287.5	340.0	5259	-460.6	332.6	340.0
5260	-514.1	332.6	340.0	5261	-567.6	332.6	340.0	5262	-621.1	509.1	340.0
5263	-407.1	509.1	340.0	5264	-621.1	465.3	340.0	5265	-621.1	421.5	340.0
5266	-407.1	421.5	340.0	5267	-407.1	465.3	340.0	5268	-460.6	509.1	340.0
5269	-514.1	509.1	340.0	5270	-567.6	509.1	340.0	5271	-460.6	421.5	340.0
5272	-514.1	421.5	340.0	5273	-567.6	421.5	340.0	5274	-460.6	465.3	340.0
5275	-514.1	465.3	340.0	5276	-567.6	465.3	340.0	5277	-257.4	377.7	340.0
5278	-257.4	509.1	340.0	5279	-356.6	377.7	340.0	5280	-306.1	377.7	340.0
5281	-257.4	421.5	340.0	5282	-257.4	465.3	340.0	5283	-306.1	509.1	340.0
5284	-356.6	509.1	340.0	5285	-306.1	421.5	340.0	5286	-356.6	421.5	340.0
5287	-306.1	465.3	340.0	5288	-356.6	465.3	340.0	5289	547.5	197.2	961.3
5290	-356.6	197.2	340.0	5291	-306.1	197.2	340.0	5292	597.0	197.2	961.3
5293	498.1	197.2	914.4	5294	498.1	197.2	961.3	5295	-306.1	242.3	340.0
5296	-356.6	242.3	340.0	5297	-306.1	287.5	340.0	5298	-356.6	287.5	340.0
5299	-306.1	332.6	340.0	5300	-356.6	332.6	340.0	5301	-407.1	0.0	310.5
5302	-22.9	49.3	90.6	5303	-407.1	147.9	340.0	5304	-407.1	98.6	340.0
5305	-407.1	49.3	340.0	5306	21.2	49.3	70.9	5307	65.2	49.3	51.3
5308	498.1	197.2	867.5	5309	498.1	197.2	820.6	5310	498.1	197.2	773.8
5311	-306.1	49.3	340.0	5312	-356.6	49.3	340.0	5313	-306.1	98.6	340.0
5314	-356.6	98.6	340.0	5315	-306.1	147.9	340.0	5316	-356.6	147.9	340.0
5317	-208.6	377.7	340.0	5318	-208.6	509.1	340.0	5319	-208.6	421.5	340.0
5320	-208.6	465.3	340.0	5321	-621.1	0.0	310.5	5322	-621.1	147.9	340.0
5323	-621.1	98.6	340.0	5324	-621.1	49.3	340.0	5325	-567.6	0.0	310.5
5326	-514.1	0.0	310.5	5327	-460.6	0.0	310.5	5328	-460.6	49.3	340.0
5329	-514.1	49.3	340.0	5330	-567.6	49.3	340.0	5331	-460.6	98.6	340.0
5332	-514.1	98.6	340.0	5333	-567.6	98.6	340.0	5334	-460.6	147.9	340.0
5335	-514.1	147.9	340.0	5336	-567.6	147.9	340.0	5337	-62.2	377.7	340.0
5338	-62.2	509.1	340.0	5339	-159.8	377.7	340.0	5340	-111.0	377.7	340.0
5341	-62.2	421.5	340.0	5342	-62.2	465.3	340.0	5343	-111.0	509.1	340.0
5344	-159.8	509.1	340.0	5345	-111.0	421.5	340.0	5346	-159.8	421.5	340.0
5347	-111.0	465.3	340.0	5348	-159.8	465.3	340.0	5349	498.1	197.2	726.9
5350	547.5	197.2	726.9	5351	2705.7	546.1	340.0	5352	2736.9	546.1	340.0
5353	811.4	623.2	340.0	5354	547.5	197.2	773.8	5355	547.5	197.2	820.6
5356	1000.0	623.2	340.0	5357	811.4	584.7	340.0	5358	1000.0	584.7	340.0
5359	952.9	623.2	340.0	5360	905.7	623.2	340.0	5361	858.5	623.2	340.0
5362	952.9	584.7	340.0	5363	905.7	584.7	340.0	5364	858.5	584.7	340.0
5365	109.3	49.3	31.6	5366	153.3	49.3	11.9	5367	547.5	197.2	867.5
5368	547.5	197.2	914.4	5369	646.4	197.2	914.4	5370	197.4	49.3	-7.8
5371	197.4	98.6	-7.8	5372	646.4	197.2	867.5	5373	646.4	197.2	820.6
5374	646.4	197.2	773.8	5375	646.4	197.2	726.9	5376	597.0	197.2	726.9
5377	597.0	197.2	773.8	5378	597.0	197.2	820.6	5379	597.0	197.2	867.5
5380	597.0	197.2	914.4	5381	-10.4	377.7	340.0	5382	-10.4	509.1	340.0
5383	-10.4	421.5	340.0	5384	-10.4	465.3	340.0	5385	498.1	197.2	1065.5
5386	811.4	674.6	1095.0	5387	770.1	726.0	1095.0	5388	770.1	674.6	1095.0
5389	-10.4	0.0	340.0	5390	547.5	197.2	1065.5	5391	597.0	197.2	1065.5
5392	646.4	197.2	1065.5	5393	241.4	377.7	340.0	5394	241.4	509.1	340.0
5395	41.4	377.7	340.0	5396	93.1	377.7	340.0	5397	142.6	377.7	340.0
5398	192.0	377.7	340.0	5399	241.4	421.5	340.0	5400	241.4	465.3	340.0
5401	192.0	509.1	340.0	5402	142.6	509.1	340.0	5403	93.1	509.1	340.0
5404	41.4	509.1	340.0	5405	192.0	421.5	340.0	5406	142.6	421.5	340.0
5407	93.1	421.5	340.0	5408	41.4	421.5	340.0	5409	192.0	465.3	340.0
5410	142.6	465.3	340.0	5411	93.1	465.3	340.0	5412	41.4	465.3	340.0
5413	498.1	584.7	340.0	5414	422.8	584.7	340.0	5415	728.9	197.2	340.0
5416	728.9	242.3	340.0	5417	728.9	287.5	340.0	5418	728.9	332.6	340.0
5419	728.9	0.0	340.0	5420	728.9	49.3	340.0	5421	728.9	98.6	340.0
5422	728.9	147.9	340.0	5423	-621.1	623.2	340.0	5424	-621.1	546.1	340.0
5425	-407.1	546.1	340.0	5426	-407.1	623.2	340.0	5427	-621.1	584.7	340.0
5428	-567.6	546.1	340.0	5429	-514.1	546.1	340.0	5430	-460.6	546.1	340.0
5431	-407.1	584.7	340.0	5432	-460.6	623.2	340.0	5433	1000.0	726.0	1095.0
5434	1000.0	674.6	1095.0	5435	952.9	726.0	1095.0	5436	905.7	726.0	1095.0
5437	858.5	726.0	1095.0	5438	-514.1	623.2	340.0	5439	-567.6	623.2	340.0
5440	-460.6	584.7	340.0	5441	-514.1	584.7	340.0	5442	-567.6	584.7	340.0
5443	-257.4	546.1	340.0	5444	-257.4	623.2	340.0	5445	-356.6	546.1	340.0
5446	-306.1	546.1	340.0	5447	-257.4	584.7	340.0	5448	-306.1	623.2	340.0
5449	-356.6	623.2	340.0	5450	-306.1	584.7	340.0	5451	-356.6	584.7	340.0
5452	-208.6	623.2	340.0	5453	389.7	377.7	340.0	5454	389.7	509.1	340.0
5455	290.8	377.7	340.0	5456	340.3	377.7	340.0	5457	389.7	421.5	340.0
5458	389.7	465.3	340.0	5459	340.3	509.1	340.0	5460	290.8	509.1	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
5461	340.3	421.5	340.0	5462	290.8	421.5	340.0	5463	340.3	465.3	340.0
5464	290.8	465.3	340.0	5465	-208.6	546.1	340.0	5466	-62.2	546.1	340.0
5467	-62.2	623.2	340.0	5468	-208.6	584.7	340.0	5469	-159.8	546.1	340.0
5470	-111.0	546.1	340.0	5471	-62.2	584.7	340.0	5472	-111.0	623.2	340.0
5473	-159.8	623.2	340.0	5474	-111.0	584.7	340.0	5475	-159.8	584.7	340.0
5476	-10.4	623.2	340.0	5477	952.9	674.6	1095.0	5478	905.7	674.6	1095.0
5479	858.5	674.6	1095.0	5480	-10.4	546.1	340.0	5481	241.4	546.1	340.0
5482	241.4	623.2	340.0	5483	-10.4	584.7	340.0	5484	41.4	546.1	340.0
5485	93.1	546.1	340.0	5486	142.6	546.1	340.0	5487	192.0	546.1	340.0
5488	241.4	584.7	340.0	5489	695.8	377.7	340.0	5490	695.8	509.1	340.0
5491	422.8	377.7	340.0	5492	498.1	377.7	340.0	5493	547.5	377.7	340.0
5494	597.0	377.7	340.0	5495	646.4	377.7	340.0	5496	695.8	421.5	340.0
5497	695.8	465.3	340.0	5498	646.4	509.1	340.0	5499	597.0	509.1	340.0
5500	547.5	509.1	340.0	5501	498.1	509.1	340.0	5502	422.8	509.1	340.0
5503	646.4	421.5	340.0	5504	597.0	421.5	340.0	5505	547.5	421.5	340.0
5506	498.1	421.5	340.0	5507	422.8	421.5	340.0	5508	646.4	465.3	340.0
5509	597.0	465.3	340.0	5510	547.5	465.3	340.0	5511	498.1	465.3	340.0
5512	422.8	465.3	340.0	5513	728.9	377.7	340.0	5514	728.9	509.1	340.0
5515	728.9	421.5	340.0	5516	728.9	465.3	340.0	5517	-871.2	421.5	-80.0
5518	192.0	623.2	340.0	5519	142.6	623.2	340.0	5520	93.1	623.2	340.0
5521	41.4	623.2	340.0	5522	192.0	584.7	340.0	5523	389.7	1247.6	1095.0
5524	-871.2	465.3	-80.0	5525	-921.8	509.1	-80.0	5526	142.6	584.7	340.0
5527	93.1	584.7	340.0	5528	41.4	584.7	340.0	5529	389.7	546.1	340.0
5530	340.3	546.1	340.0	5531	290.8	546.1	340.0	5532	389.7	623.2	340.0
5533	389.7	584.7	340.0	5534	340.3	623.2	340.0	5535	290.8	623.2	340.0
5536	340.3	584.7	340.0	5537	290.8	584.7	340.0	5538	695.8	546.1	340.0
5539	695.8	623.2	340.0	5540	422.8	546.1	340.0	5541	340.3	1247.6	1095.0
5542	290.8	1247.6	1095.0	5543	-972.5	509.1	-80.0	5544	695.8	1247.6	1095.0
5545	-1023.2	509.1	-80.0	5546	-1073.8	509.1	-80.0	5547	-921.8	421.5	-80.0
5548	-972.5	421.5	-80.0	5549	-1023.2	421.5	-80.0	5550	498.1	546.1	340.0
5551	547.5	546.1	340.0	5552	597.0	546.1	340.0	5553	646.4	546.1	340.0
5554	695.8	584.7	340.0	5555	646.4	623.2	340.0	5556	597.0	623.2	340.0
5557	547.5	623.2	340.0	5558	498.1	623.2	340.0	5559	422.8	623.2	340.0
5560	646.4	584.7	340.0	5561	597.0	584.7	340.0	5562	547.5	584.7	340.0
5563	-734.3	197.2	340.0	5564	-734.3	0.0	310.5	5565	-734.3	147.9	340.0
5566	-734.3	98.6	340.0	5567	-734.3	49.3	340.0	5568	-677.7	0.0	310.5
5569	-677.7	197.2	340.0	5570	-677.7	49.3	340.0	5571	-677.7	98.6	340.0
5572	-677.7	147.9	340.0	5573	-767.4	0.0	310.5	5574	-767.4	197.2	340.0
5575	-767.4	49.3	340.0	5576	-767.4	98.6	340.0	5577	-767.4	147.9	340.0
5578	-734.3	377.7	340.0	5579	-734.3	332.6	340.0	5580	-734.3	287.5	340.0
5581	-734.3	242.3	340.0	5582	-677.7	377.7	340.0	5583	-677.7	242.3	340.0
5584	-677.7	287.5	340.0	5585	-677.7	332.6	340.0	5586	-734.3	509.1	340.0
5587	-734.3	465.3	340.0	5588	-734.3	421.5	340.0	5589	-677.7	509.1	340.0
5590	-677.7	421.5	340.0	5591	-677.7	465.3	340.0	5592	-734.3	546.1	340.0
5593	-677.7	546.1	340.0	5594	-734.3	623.2	340.0	5595	-734.3	584.7	340.0
5596	-677.7	623.2	340.0	5597	-677.7	584.7	340.0	5598	1283.3	1711.9	718.0
5599	1283.3	1765.6	718.0	5600	-871.2	197.2	340.0	5601	-871.2	377.7	340.0
5602	347.5	1641.2	718.0	5603	1234.5	1711.9	718.0	5604	1915.5	1616.5	718.0
5605	1234.5	1765.6	718.0	5606	1383.0	1843.3	718.0	5607	-1579.0	1265.1	718.0
5608	-943.2	197.2	340.0	5609	-871.2	242.3	340.0	5610	-871.2	287.5	340.0
5611	-871.2	332.6	340.0	5612	-921.8	377.7	340.0	5613	-972.5	377.7	340.0
5614	-1049.0	377.7	340.0	5615	1383.0	1711.9	718.0	5616	-921.8	242.3	340.0
5617	-969.7	242.3	340.0	5618	1383.0	1765.6	718.0	5619	-621.1	1482.7	718.0
5620	-921.8	287.5	340.0	5621	-996.1	287.4	340.0	5622	1333.2	1711.9	718.0
5623	1333.2	1765.6	718.0	5624	-921.8	332.6	340.0	5625	-972.5	332.6	340.0
5626	-1022.6	332.6	340.0	5627	1520.8	1819.2	718.0	5628	1690.3	1903.3	718.0
5629	-1413.5	1297.5	718.0	5630	1520.8	1711.9	718.0	5631	1520.8	1765.6	718.0
5632	1474.8	1819.2	718.0	5633	-804.5	1416.3	718.0	5634	1185.6	1835.3	718.0
5635	1234.5	1814.3	718.0	5636	1283.3	1823.8	718.0	5637	-856.6	49.3	340.0
5638	-885.5	98.6	340.0	5639	-871.2	147.9	340.0	5640	-1317.2	1316.3	718.0
5641	-1365.3	1306.9	718.0	5642	1428.9	1819.2	718.0	5643	1474.8	1891.8	718.0
5644	1474.8	1711.9	718.0	5645	1428.9	1711.9	718.0	5646	-1073.8	1363.8	718.0
5647	-1124.5	1353.9	718.0	5648	-914.4	147.9	340.0	5649	1474.8	1765.6	718.0
5650	1428.9	1765.6	718.0	5651	770.1	1723.7	718.0	5652	-1124.5	506.6	340.0
5653	-871.2	509.1	340.0	5654	1643.2	1819.2	718.0	5655	1643.2	1711.9	718.0
5656	-871.2	421.5	340.0	5657	-871.2	465.3	340.0	5658	-921.8	509.1	340.0
5659	-972.5	509.1	340.0	5660	-1023.2	509.1	340.0	5661	-1073.8	509.1	340.0
5662	-921.8	421.5	340.0	5663	-972.5	421.5	340.0	5664	-1023.2	421.5	340.0
5665	-1073.8	420.1	340.0	5666	-921.8	465.3	340.0	5667	-972.5	465.3	340.0
5668	-1023.2	465.3	340.0	5669	-1100.3	465.3	340.0	5670	-804.5	377.7	340.0
5671	-804.5	509.1	340.0	5672	-804.5	421.5	340.0	5673	-804.5	465.3	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
5674	-767.4	377.7	340.0	5675	-767.4	509.1	340.0	5676	-767.4	421.5	340.0
5677	-767.4	465.3	340.0	5678	-804.5	197.2	340.0	5679	-804.5	242.3	340.0
5680	-804.5	287.5	340.0	5681	-804.5	332.6	340.0	5682	-804.5	0.0	310.5
5683	-804.5	49.3	340.0	5684	-804.5	98.6	340.0	5685	-804.5	147.9	340.0
5686	-767.4	242.3	340.0	5687	-767.4	287.5	340.0	5688	-767.4	332.6	340.0
5689	-1124.5	1203.9	340.0	5690	-1124.5	822.3	340.0	5691	-871.2	822.3	340.0
5692	-871.2	1203.9	340.0	5693	-1124.5	1156.2	340.0	5694	-1124.5	1108.5	340.0
5695	-1124.5	1060.8	340.0	5696	-1124.5	1013.1	340.0	5697	-1124.5	965.4	340.0
5698	-1124.5	917.7	340.0	5699	-1124.5	870.0	340.0	5700	-1073.8	822.3	340.0
5701	-1023.2	822.3	340.0	5702	-972.5	822.3	340.0	5703	-921.8	822.3	340.0
5704	-871.2	870.0	340.0	5705	-871.2	917.7	340.0	5706	-871.2	965.4	340.0
5707	-871.2	1013.1	340.0	5708	-871.2	1060.8	340.0	5709	-871.2	1108.5	340.0
5710	-871.2	1156.2	340.0	5711	-921.8	1203.9	340.0	5712	-972.5	1203.9	340.0
5713	-1023.2	1203.9	340.0	5714	-1073.8	1203.9	340.0	5715	-921.8	870.0	340.0
5716	-972.5	870.0	340.0	5717	-1023.2	870.0	340.0	5718	-1073.8	870.0	340.0
5719	-921.8	917.7	340.0	5720	-972.5	917.7	340.0	5721	-1023.2	917.7	340.0
5722	-1073.8	917.7	340.0	5723	-921.8	965.4	340.0	5724	-972.5	965.4	340.0
5725	-1023.2	965.4	340.0	5726	-1073.8	965.4	340.0	5727	-921.8	1013.1	340.0
5728	-972.5	1013.1	340.0	5729	-1023.2	1013.1	340.0	5730	-1073.8	1013.1	340.0
5731	-921.8	1060.8	340.0	5732	-972.5	1060.8	340.0	5733	-1023.2	1060.8	340.0
5734	-1073.8	1060.8	340.0	5735	-921.8	1108.5	340.0	5736	-972.5	1108.5	340.0
5737	-1023.2	1108.5	340.0	5738	-1073.8	1108.5	340.0	5739	-921.8	1156.2	340.0
5740	-972.5	1156.2	340.0	5741	-1023.2	1156.2	340.0	5742	-1073.8	1156.2	340.0
5743	-1124.5	791.2	340.0	5744	-871.2	791.2	340.0	5745	-1073.8	791.2	340.0
5746	-1023.2	791.2	340.0	5747	-972.5	791.2	340.0	5748	-921.8	791.2	340.0
5749	-1124.5	755.8	340.0	5750	-871.2	755.8	340.0	5751	-1073.8	755.8	340.0
5752	-1023.2	755.8	340.0	5753	-972.5	755.8	340.0	5754	-921.8	755.8	340.0
5755	-1124.5	726.0	340.0	5756	-871.2	726.0	340.0	5757	-1073.8	726.0	340.0
5758	-1023.2	726.0	340.0	5759	-972.5	726.0	340.0	5760	-921.8	726.0	340.0
5761	-1124.5	623.2	340.0	5762	-871.2	623.2	340.0	5763	-1124.5	674.6	340.0
5764	-1073.8	623.2	340.0	5765	-1023.2	623.2	340.0	5766	-972.5	623.2	340.0
5767	-921.8	623.2	340.0	5768	-871.2	674.6	340.0	5769	-921.8	674.6	340.0
5770	-972.5	674.6	340.0	5771	-1023.2	674.6	340.0	5772	-1073.8	674.6	340.0
5773	-1124.5	546.1	340.0	5774	-871.2	546.1	340.0	5775	-1124.5	584.7	340.0
5776	-1073.8	546.1	340.0	5777	-1023.2	546.1	340.0	5778	-972.5	546.1	340.0
5779	-921.8	546.1	340.0	5780	-871.2	584.7	340.0	5781	-921.8	584.7	340.0
5782	-972.5	584.7	340.0	5783	-1023.2	584.7	340.0	5784	-1073.8	584.7	340.0
5785	-1124.5	1291.4	340.0	5786	-871.2	1291.4	340.0	5787	-1124.5	1247.6	340.0
5788	-871.2	1247.6	340.0	5789	-921.8	1291.4	340.0	5790	-972.5	1291.4	340.0
5791	-1023.2	1291.4	340.0	5792	-1073.8	1291.4	340.0	5793	-921.8	1247.6	340.0
5794	-972.5	1247.6	340.0	5795	-1023.2	1247.6	340.0	5796	-1073.8	1247.6	340.0
5797	1643.2	1924.6	340.0	5798	-871.2	1372.7	340.0	5799	-1124.5	1332.0	340.0
5800	-871.2	1332.0	340.0	5801	-921.8	1372.7	340.0	5802	-972.5	1383.6	340.0
5803	1383.0	1873.9	340.0	5804	1428.9	1882.8	340.0	5805	-921.8	1332.0	340.0
5806	-972.5	1332.0	340.0	5807	-1023.2	1332.0	340.0	5808	-1073.8	1332.0	340.0
5809	-1124.5	1510.9	340.0	5810	-871.2	1510.9	340.0	5811	-1124.5	1464.8	340.0
5812	-1124.5	1418.7	340.0	5813	1234.5	1844.9	340.0	5814	-871.2	1464.8	340.0
5815	-921.8	1510.9	340.0	5816	-972.5	1510.9	340.0	5817	-1023.2	1510.9	340.0
5818	-1073.8	1510.9	340.0	5819	1333.2	1864.1	340.0	5820	1283.3	1854.4	340.0
5821	-1023.2	1404.2	340.0	5822	-1073.8	1418.7	340.0	5823	-921.8	1464.8	340.0
5824	-972.5	1464.8	340.0	5825	-1023.2	1464.8	340.0	5826	-1073.8	1464.8	340.0
5827	695.8	2627.3	340.0	5828	-871.2	1616.5	340.0	5829	1383.0	2813.9	340.0
5830	-871.2	1563.7	340.0	5831	-921.8	1616.5	340.0	5832	-972.5	1616.5	340.0
5833	-1023.2	1620.2	340.0	5834	243.9	2362.6	340.0	5835	-921.8	1563.7	340.0
5836	-972.5	1563.7	340.0	5837	-1023.2	1563.7	340.0	5838	-1073.8	1563.7	340.0
5839	1283.3	2971.5	340.0	5840	1428.9	2410.9	340.0	5841	597.0	2208.3	340.0
5842	1520.8	2410.9	340.0	5843	1643.2	2461.0	340.0	5844	1643.2	2410.9	340.0
5845	1582.0	2461.0	340.0	5846	1582.0	2410.9	340.0	5847	-621.1	1452.1	718.0
5848	-677.7	1441.1	718.0	5849	2074.8	1978.3	718.0	5850	-567.6	1462.6	718.0
5851	-163.4	1572.0	718.0	5852	1643.2	1765.6	718.0	5853	1582.0	1819.2	718.0
5854	1582.0	1711.9	718.0	5855	770.1	2106.5	340.0	5856	-111.0	2106.5	340.0
5857	1234.5	2461.0	340.0	5858	-871.2	1403.3	718.0	5859	-921.8	1393.4	718.0
5860	1140.5	1795.9	718.0	5861	-1023.2	1373.7	718.0	5862	1690.3	2461.0	340.0
5863	858.5	2208.3	340.0	5864	-407.1	1493.9	718.0	5865	1428.9	1852.2	718.0
5866	-1461.7	1288.1	718.0	5867	-1509.9	1278.7	718.0	5868	-1073.8	1394.3	718.0
5869	1333.2	2410.9	340.0	5870	1474.8	2461.0	340.0	5871	192.0	2106.5	340.0
5872	1582.0	1765.6	718.0	5873	1690.3	1819.2	718.0	5874	1690.3	1711.9	718.0
5875	1643.2	1894.1	718.0	5876	1520.8	2461.0	340.0	5877	646.4	1247.6	1095.0
5878	1234.5	2410.9	340.0	5879	41.4	2106.5	340.0	5880	93.1	2208.3	340.0
5881	93.1	2157.4	340.0	5882	93.1	2106.5	340.0	5883	1690.3	1765.6	718.0
5884	1721.3	1819.2	718.0	5885	1721.3	1711.9	718.0	5886	1721.3	1765.6	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
5887	-1172.7	1375.1	718.0	5888	41.4	2157.4	340.0	5889	-1413.5	1391.5	340.0
5890	1825.7	1819.2	718.0	5891	1825.7	1711.9	718.0	5892	1825.7	1765.6	718.0
5893	2270.1	2047.0	718.0	5894	952.9	1759.3	718.0	5895	389.7	2360.9	340.0
5896	142.6	2259.1	340.0	5897	2633.7	1819.2	718.0	5898	1234.5	1616.5	718.0
5899	1773.5	1819.2	718.0	5900	1773.5	1711.9	718.0	5901	1773.5	1765.6	718.0
5902	142.6	2208.3	340.0	5903	142.6	2157.4	340.0	5904	2005.4	1819.2	718.0
5905	2005.4	1711.9	718.0	5906	2005.4	1765.6	718.0	5907	1960.5	1819.2	718.0
5908	1915.5	1819.2	718.0	5909	142.6	2106.5	340.0	5910	192.0	2310.0	340.0
5911	290.8	2106.5	340.0	5912	952.9	2410.9	340.0	5913	905.7	2410.9	340.0
5914	1870.6	1819.2	718.0	5915	1960.5	1711.9	718.0	5916	1915.5	1711.9	718.0
5917	1870.6	1711.9	718.0	5918	1960.5	1765.6	718.0	5919	1915.5	1765.6	718.0
5920	340.3	2310.0	340.0	5921	1870.6	1765.6	718.0	5922	2074.8	1819.2	718.0
5923	2074.8	1711.9	718.0	5924	2074.8	1765.6	718.0	5925	2163.1	1819.2	718.0
5926	41.4	2208.3	340.0	5927	597.0	1247.6	1095.0	5928	2163.1	1711.9	718.0
5929	2163.1	1765.6	718.0	5930	2119.0	1819.2	718.0	5931	2119.0	1711.9	718.0
5932	2119.0	1765.6	718.0	5933	695.8	2106.5	340.0	5934	-1073.8	420.1	-80.0
5935	340.3	2259.1	340.0	5936	2211.0	1819.2	718.0	5937	1870.6	1616.5	718.0
5938	2211.0	1711.9	718.0	5939	2211.0	1765.6	718.0	5940	2270.1	1819.2	718.0
5941	2270.1	1711.9	718.0	5942	340.3	2208.3	340.0	5943	340.3	2157.4	340.0
5944	340.3	2106.5	340.0	5945	-1192.8	623.2	340.0	5946	2270.1	1765.6	718.0
5947	2355.0	1819.2	718.0	5948	2355.0	1711.9	718.0	5949	2355.0	1765.6	718.0
5950	2312.6	1819.2	718.0	5951	905.7	2461.0	340.0	5952	-1533.0	1203.9	340.0
5953	2312.6	1711.9	718.0	5954	2312.6	1765.6	718.0	5955	2365.1	2004.4	718.0
5956	2428.9	1819.2	718.0	5957	2428.9	1711.9	718.0	5958	-10.4	2106.5	340.0
5959	241.4	2106.5	340.0	5960	241.4	2157.4	340.0	5961	-1172.7	726.0	340.0
5962	-1253.1	726.0	340.0	5963	-1570.0	1266.9	340.0	5964	2428.9	1765.6	718.0
5965	1960.5	1563.7	718.0	5966	2719.3	1291.4	718.0	5967	1234.5	1563.7	718.0
5968	-1172.7	674.6	340.0	5969	-1220.8	671.0	340.0	5970	340.3	1616.5	718.0
5971	2392.0	1819.2	718.0	5972	1520.8	1658.2	718.0	5973	1474.8	1658.2	718.0
5974	695.8	2208.3	340.0	5975	241.4	2208.3	340.0	5976	-1172.7	755.8	340.0
5977	-1220.8	755.8	340.0	5978	-1269.0	753.2	340.0	5979	2592.5	2024.4	718.0
5980	2597.3	2000.6	718.0	5981	1915.5	1563.7	718.0	5982	2392.0	1711.9	718.0
5983	597.0	2157.4	340.0	5984	-1172.7	791.2	340.0	5985	-1220.8	791.2	340.0
5986	-1291.3	791.2	340.0	5987	1428.9	1658.2	718.0	5988	2392.0	1765.6	718.0
5989	1643.2	1658.2	718.0	5990	1582.0	1658.2	718.0	5991	597.0	2106.5	340.0
5992	-1172.7	822.3	340.0	5993	-1220.8	822.3	340.0	5994	-1269.0	822.3	340.0
5995	-1309.5	822.3	340.0	5996	2490.2	1819.2	718.0	5997	2655.3	1711.9	718.0
5998	2490.2	1711.9	718.0	5999	-1509.9	1203.9	340.0	6000	-1505.1	1156.2	340.0
6001	1690.3	1658.2	718.0	6002	2490.2	1765.6	718.0	6003	1383.0	1616.5	718.0
6004	1870.6	1563.7	718.0	6005	695.8	2259.1	340.0	6006	547.5	2157.4	340.0
6007	-1172.7	1203.9	340.0	6008	-1220.8	1203.9	340.0	6009	-1269.0	1203.9	340.0
6010	-1317.2	1203.9	340.0	6011	-1365.3	1203.9	340.0	6012	-1413.5	1203.9	340.0
6013	-1461.7	1203.9	340.0	6014	-1172.7	870.0	340.0	6015	-1220.8	870.0	340.0
6016	-1269.0	870.0	340.0	6017	-1337.4	870.0	340.0	6018	2545.9	1819.2	718.0
6019	2545.9	1711.9	718.0	6020	2545.9	1765.6	718.0	6021	-1172.7	917.7	340.0
6022	-1220.8	917.7	340.0	6023	-1269.0	917.7	340.0	6024	-1317.2	917.7	340.0
6025	-1365.3	917.7	340.0	6026	2572.1	1819.2	718.0	6027	2572.1	1711.9	718.0
6028	-1172.7	965.4	340.0	6029	-1220.8	965.4	340.0	6030	-1269.0	965.4	340.0
6031	-1317.2	965.4	340.0	6032	-1365.3	965.4	340.0	6033	-1393.3	965.4	340.0
6034	2572.1	1765.6	718.0	6035	-1172.7	1013.1	340.0	6036	-1220.8	1013.1	340.0
6037	-1269.0	1013.1	340.0	6038	-1317.2	1013.1	340.0	6039	-1365.3	1013.1	340.0
6040	-1413.5	999.9	340.0	6041	-1575.9	1296.4	718.0	6042	-1172.7	1060.8	340.0
6043	-1220.8	1060.8	340.0	6044	-1269.0	1060.8	340.0	6045	-1317.2	1060.8	340.0
6046	-1365.3	1060.8	340.0	6047	-1449.2	1060.8	340.0	6048	-1170.2	584.7	340.0
6049	-1172.7	1108.5	340.0	6050	-1220.8	1108.5	340.0	6051	-1269.0	1108.5	340.0
6052	-1317.2	1108.5	340.0	6053	-1365.3	1108.5	340.0	6054	-1413.5	1108.5	340.0
6055	-1477.1	1108.5	340.0	6056	-1172.7	1156.2	340.0	6057	-1220.8	1156.2	340.0
6058	-1269.0	1156.2	340.0	6059	-1317.2	1156.2	340.0	6060	-1365.3	1156.2	340.0
6061	-1413.5	1156.2	340.0	6062	-1461.7	1156.2	340.0	6063	1140.5	1826.5	340.0
6064	-1509.9	1247.6	340.0	6065	-1172.7	1291.4	340.0	6066	-1220.8	1291.4	340.0
6067	-1269.0	1291.4	340.0	6068	-1317.2	1291.4	340.0	6069	-1365.3	1291.4	340.0
6070	2312.2	2055.2	340.0	6071	2211.0	2035.5	340.0	6072	-1172.7	1247.6	340.0
6073	-1220.8	1247.6	340.0	6074	-1269.0	1247.6	340.0	6075	-1317.2	1247.6	340.0
6076	-1365.3	1247.6	340.0	6077	-1413.5	1247.6	340.0	6078	-1461.7	1247.6	340.0
6079	-255.7	2069.9	340.0	6080	-1509.9	1335.1	340.0	6081	1582.0	1912.7	340.0
6082	-1220.8	1365.7	340.0	6083	-1269.0	1372.7	340.0	6084	-1317.2	1372.7	340.0
6085	-1365.3	1372.7	340.0	6086	-1413.5	1372.7	340.0	6087	422.8	2106.5	340.0
6088	-1172.7	1332.0	340.0	6089	-1220.8	1335.1	340.0	6090	2163.1	2026.1	340.0
6091	2074.8	2008.9	340.0	6092	2270.1	2016.4	340.0	6093	-1413.5	1328.0	340.0
6094	-1461.7	1332.0	340.0	6095	547.5	1247.6	1095.0	6096	1185.6	2864.5	340.0
6097	728.9	2646.7	340.0	6098	-1172.7	1510.9	340.0	6099	1383.0	2864.5	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
6100	1474.8	2915.0	340.0	6101	498.1	1247.6	1095.0	6102	1428.9	1418.7	718.0
6103	811.4	2695.0	340.0	6104	1721.3	2410.9	340.0	6105	-1172.7	1418.7	340.0
6106	-1220.8	1418.7	340.0	6107	-1269.0	1418.7	340.0	6108	-1317.2	1418.7	340.0
6109	-1365.3	1419.7	340.0	6110	399.3	2453.6	340.0	6111	770.1	2670.9	340.0
6112	-1172.7	1464.8	340.0	6113	-1220.8	1464.8	340.0	6114	-1269.0	1476.2	340.0
6115	498.1	2310.0	340.0	6116	422.8	1247.6	1095.0	6117	646.4	2598.4	340.0
6118	1520.8	3016.1	340.0	6119	-734.3	1789.4	340.0	6120	-921.8	465.3	-80.0
6121	1721.3	1658.2	718.0	6122	1474.8	1464.8	718.0	6123	2751.9	421.5	340.0
6124	2751.9	465.3	340.0	6125	905.7	2750.3	340.0	6126	-1528.9	1323.9	340.0
6127	728.9	1247.6	1095.0	6128	-1584.3	1291.4	340.0	6129	858.5	2722.7	340.0
6130	2751.9	509.1	340.0	6131	1000.0	2805.6	340.0	6132	-972.5	465.3	-80.0
6133	811.4	1247.6	1095.0	6134	1773.5	2763.4	340.0	6135	1383.0	2461.0	340.0
6136	858.5	2157.4	340.0	6137	1383.0	2410.9	340.0	6138	858.5	2410.9	340.0
6139	-62.2	2106.5	340.0	6140	97.6	2276.8	340.0	6141	192.0	2259.1	340.0
6142	192.0	2208.3	340.0	6143	192.0	2157.4	340.0	6144	-10.4	2157.4	340.0
6145	-1023.2	465.3	-80.0	6146	389.7	2106.5	340.0	6147	0.0	2219.7	340.0
6148	-1100.3	465.3	-80.0	6149	858.5	2461.0	340.0	6150	241.4	2259.1	340.0
6151	241.4	2310.0	340.0	6152	695.8	2310.0	340.0	6153	646.4	2310.0	340.0
6154	422.8	2360.9	340.0	6155	597.0	2360.9	340.0	6156	646.4	2360.9	340.0
6157	498.1	2259.1	340.0	6158	498.1	2208.3	340.0	6159	498.1	2157.4	340.0
6160	547.5	2106.5	340.0	6161	646.4	2259.1	340.0	6162	290.8	2360.9	340.0
6163	-767.4	546.1	340.0	6164	-804.5	546.1	340.0	6165	-804.5	623.2	340.0
6166	-804.5	584.7	340.0	6167	-767.4	623.2	340.0	6168	-767.4	584.7	340.0
6169	-734.3	726.0	340.0	6170	-621.1	726.0	340.0	6171	-734.3	674.6	340.0
6172	-621.1	674.6	340.0	6173	-677.7	726.0	340.0	6174	-677.7	674.6	340.0
6175	-804.5	726.0	340.0	6176	-804.5	674.6	340.0	6177	-767.4	726.0	340.0
6178	-767.4	674.6	340.0	6179	-621.1	1203.9	340.0	6180	-621.1	822.3	340.0
6181	-407.1	822.3	340.0	6182	-407.1	1203.9	340.0	6183	-621.1	1156.2	340.0
6184	-621.1	1108.5	340.0	6185	-621.1	1060.8	340.0	6186	-621.1	1013.1	340.0
6187	-621.1	965.4	340.0	6188	-621.1	917.7	340.0	6189	-621.1	870.0	340.0
6190	-567.6	822.3	340.0	6191	-514.1	822.3	340.0	6192	-460.6	822.3	340.0
6193	-407.1	870.0	340.0	6194	-407.1	917.7	340.0	6195	-407.1	965.4	340.0
6196	-407.1	1013.1	340.0	6197	-407.1	1060.8	340.0	6198	-407.1	1108.5	340.0
6199	-407.1	1156.2	340.0	6200	-460.6	1203.9	340.0	6201	-514.1	1203.9	340.0
6202	-567.6	1203.9	340.0	6203	-460.6	870.0	340.0	6204	-514.1	870.0	340.0
6205	-567.6	870.0	340.0	6206	-460.6	917.7	340.0	6207	-514.1	917.7	340.0
6208	-567.6	917.7	340.0	6209	-460.6	965.4	340.0	6210	-514.1	965.4	340.0
6211	-567.6	965.4	340.0	6212	-460.6	1013.1	340.0	6213	-514.1	1013.1	340.0
6214	-567.6	1013.1	340.0	6215	-460.6	1060.8	340.0	6216	-514.1	1060.8	340.0
6217	-567.6	1060.8	340.0	6218	-460.6	1108.5	340.0	6219	-514.1	1108.5	340.0
6220	-567.6	1108.5	340.0	6221	-460.6	1156.2	340.0	6222	-514.1	1156.2	340.0
6223	-567.6	1156.2	340.0	6224	-621.1	791.2	340.0	6225	-407.1	791.2	340.0
6226	-567.6	791.2	340.0	6227	-514.1	791.2	340.0	6228	-460.6	791.2	340.0
6229	-621.1	755.8	340.0	6230	-407.1	755.8	340.0	6231	-567.6	755.8	340.0
6232	-514.1	755.8	340.0	6233	-460.6	755.8	340.0	6234	-407.1	726.0	340.0
6235	-567.6	726.0	340.0	6236	-514.1	726.0	340.0	6237	-460.6	726.0	340.0
6238	-407.1	674.6	340.0	6239	-460.6	674.6	340.0	6240	-514.1	674.6	340.0
6241	-567.6	674.6	340.0	6242	-804.5	822.3	340.0	6243	-804.5	1203.9	340.0
6244	-804.5	870.0	340.0	6245	-804.5	917.7	340.0	6246	-804.5	965.4	340.0
6247	-804.5	1013.1	340.0	6248	-804.5	1060.8	340.0	6249	-804.5	1108.5	340.0
6250	-804.5	1156.2	340.0	6251	-767.4	822.3	340.0	6252	-767.4	1203.9	340.0
6253	-767.4	870.0	340.0	6254	-767.4	917.7	340.0	6255	-767.4	965.4	340.0
6256	-767.4	1013.1	340.0	6257	-767.4	1060.8	340.0	6258	-767.4	1108.5	340.0
6259	-767.4	1156.2	340.0	6260	-734.3	822.3	340.0	6261	-734.3	1203.9	340.0
6262	-734.3	870.0	340.0	6263	-734.3	917.7	340.0	6264	-734.3	965.4	340.0
6265	-734.3	1013.1	340.0	6266	-734.3	1060.8	340.0	6267	-734.3	1108.5	340.0
6268	-734.3	1156.2	340.0	6269	-677.7	822.3	340.0	6270	-677.7	1203.9	340.0
6271	-677.7	870.0	340.0	6272	-677.7	917.7	340.0	6273	-677.7	965.4	340.0
6274	-677.7	1013.1	340.0	6275	-677.7	1060.8	340.0	6276	-677.7	1108.5	340.0
6277	-677.7	1156.2	340.0	6278	-734.3	791.2	340.0	6279	-677.7	791.2	340.0
6280	-804.5	791.2	340.0	6281	-767.4	791.2	340.0	6282	-734.3	755.8	340.0
6283	-677.7	755.8	340.0	6284	-257.4	822.3	340.0	6285	-257.4	1203.9	340.0
6286	-356.6	822.3	340.0	6287	-306.1	822.3	340.0	6288	-257.4	870.0	340.0
6289	-257.4	917.7	340.0	6290	-257.4	965.4	340.0	6291	-257.4	1013.1	340.0
6292	-257.4	1060.8	340.0	6293	-257.4	1108.5	340.0	6294	-257.4	1156.2	340.0
6295	-306.1	1203.9	340.0	6296	-356.6	1203.9	340.0	6297	-306.1	870.0	340.0
6298	-356.6	870.0	340.0	6299	-306.1	917.7	340.0	6300	-356.6	917.7	340.0
6301	-306.1	965.4	340.0	6302	-356.6	965.4	340.0	6303	-306.1	1013.1	340.0
6304	-356.6	1013.1	340.0	6305	-306.1	1060.8	340.0	6306	-356.6	1060.8	340.0
6307	-306.1	1108.5	340.0	6308	-356.6	1108.5	340.0	6309	-306.1	1156.2	340.0
6310	-356.6	1156.2	340.0	6311	-257.4	791.2	340.0	6312	-356.6	791.2	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
6313	-306.1	791.2	340.0	6314	-257.4	726.0	340.0	6315	-257.4	674.6	340.0
6316	-306.1	726.0	340.0	6317	-356.6	726.0	340.0	6318	-306.1	674.6	340.0
6319	-356.6	674.6	340.0	6320	-257.4	755.8	340.0	6321	-306.1	755.8	340.0
6322	-356.6	755.8	340.0	6323	-804.5	755.8	340.0	6324	-767.4	755.8	340.0
6325	-208.6	726.0	340.0	6326	-208.6	674.6	340.0	6327	-62.2	726.0	340.0
6328	-62.2	674.6	340.0	6329	-111.0	726.0	340.0	6330	-159.8	726.0	340.0
6331	-111.0	674.6	340.0	6332	-159.8	674.6	340.0	6333	-10.4	726.0	340.0
6334	-10.4	674.6	340.0	6335	241.4	726.0	340.0	6336	241.4	674.6	340.0
6337	192.0	726.0	340.0	6338	142.6	726.0	340.0	6339	93.1	726.0	340.0
6340	41.4	726.0	340.0	6341	192.0	674.6	340.0	6342	142.6	674.6	340.0
6343	93.1	674.6	340.0	6344	41.4	674.6	340.0	6345	-10.4	755.8	340.0
6346	241.4	755.8	340.0	6347	192.0	755.8	340.0	6348	142.6	755.8	340.0
6349	93.1	755.8	340.0	6350	41.4	755.8	340.0	6351	-208.6	755.8	340.0
6352	-62.2	755.8	340.0	6353	-111.0	755.8	340.0	6354	-159.8	755.8	340.0
6355	-208.6	791.2	340.0	6356	-62.2	791.2	340.0	6357	-111.0	791.2	340.0
6358	-159.8	791.2	340.0	6359	-10.4	791.2	340.0	6360	811.4	0.0	340.0
6361	811.4	197.2	340.0	6362	770.1	0.0	340.0	6363	811.4	49.3	340.0
6364	811.4	98.6	340.0	6365	811.4	147.9	340.0	6366	770.1	197.2	340.0
6367	770.1	49.3	340.0	6368	770.1	98.6	340.0	6369	770.1	147.9	340.0
6370	1000.0	0.0	340.0	6371	1000.0	197.2	340.0	6372	858.5	0.0	340.0
6373	905.7	0.0	340.0	6374	952.9	0.0	340.0	6375	1000.0	49.3	340.0
6376	1000.0	98.6	340.0	6377	1000.0	147.9	340.0	6378	952.9	197.2	340.0
6379	905.7	197.2	340.0	6380	858.5	197.2	340.0	6381	952.9	49.3	340.0
6382	905.7	49.3	340.0	6383	858.5	49.3	340.0	6384	952.9	98.6	340.0
6385	905.7	98.6	340.0	6386	858.5	98.6	340.0	6387	952.9	147.9	340.0
6388	905.7	147.9	340.0	6389	858.5	147.9	340.0	6390	1075.4	0.0	340.0
6391	1075.4	197.2	340.0	6392	1037.7	0.0	340.0	6393	1075.4	49.3	340.0
6394	1075.4	98.6	340.0	6395	1075.4	147.9	340.0	6396	1037.7	197.2	340.0
6397	1037.7	49.3	340.0	6398	1037.7	98.6	340.0	6399	1037.7	147.9	340.0
6400	770.1	1247.6	1095.0	6401	-1220.8	1060.8	-80.0	6402	-1269.0	1060.8	-80.0
6403	-1317.2	1060.8	-80.0	6404	1000.0	1247.6	1095.0	6405	-1365.3	1060.8	-80.0
6406	-1449.2	1060.8	-80.0	6407	-1528.3	1013.1	1095.0	6408	-1170.2	584.7	-80.0
6409	952.9	1247.6	1095.0	6410	-1537.9	1060.8	1095.0	6411	-1547.5	1108.5	1095.0
6412	905.7	1247.6	1095.0	6413	858.5	1247.6	1095.0	6414	-1172.7	1108.5	-80.0
6415	-1557.1	1156.2	1095.0	6416	-1567.1	1203.9	1095.0	6417	-1220.8	1108.5	-80.0
6418	498.1	0.0	388.6	6419	-1575.5	1247.6	1095.0	6420	-1269.0	1108.5	-80.0
6421	-1317.2	1108.5	-80.0	6422	1075.4	1247.6	1095.0	6423	-1365.3	1108.5	-80.0
6424	-1413.5	1108.5	-80.0	6425	-1463.5	0.0	1065.5	6426	-1477.1	1108.5	-80.0
6427	2736.9	465.3	1095.0	6428	1075.4	546.1	1095.0	6429	-1172.7	1156.2	-80.0
6430	1037.7	1247.6	1095.0	6431	-1220.8	1156.2	-80.0	6432	-1269.0	1156.2	-80.0
6433	-10.4	242.3	1095.0	6434	1107.2	1247.6	1095.0	6435	-10.4	287.4	1095.0
6436	1140.5	1247.6	1095.0	6437	-10.4	332.6	1095.0	6438	1185.6	1247.6	1095.0
6439	-1317.2	1156.2	-80.0	6440	1283.3	1247.6	1095.0	6441	-1365.3	1156.2	-80.0
6442	1234.5	1247.6	1095.0	6443	-1413.5	1156.2	-80.0	6444	-1461.7	1156.2	-80.0
6445	728.9	791.2	1095.0	6446	728.9	822.3	1095.0	6447	728.9	755.8	1095.0
6448	811.4	755.8	1095.0	6449	811.4	791.2	1095.0	6450	770.1	755.8	1095.0
6451	770.1	791.2	1095.0	6452	1000.0	755.8	1095.0	6453	1000.0	791.2	1095.0
6454	858.5	755.8	1095.0	6455	905.7	755.8	1095.0	6456	952.9	755.8	1095.0
6457	952.9	791.2	1095.0	6458	905.7	791.2	1095.0	6459	858.5	791.2	1095.0
6460	1383.0	1247.6	1095.0	6461	-1406.1	149.5	-80.0	6462	1333.2	1247.6	1095.0
6463	-1464.0	465.3	-80.0	6464	1520.8	1247.6	1095.0	6465	-1567.1	287.5	-80.0
6466	-1567.1	870.0	-80.0	6467	1474.8	1247.6	1095.0	6468	1428.9	1247.6	1095.0
6469	-1567.1	917.7	-80.0	6470	-1567.1	965.4	-80.0	6471	1643.2	1247.6	1095.0
6472	-1172.7	1013.1	-80.0	6473	-1220.8	1013.1	-80.0	6474	1582.0	1247.6	1095.0
6475	-1269.0	1013.1	-80.0	6476	1690.3	1247.6	1095.0	6477	-1567.1	584.7	-80.0
6478	1721.3	1247.6	1095.0	6479	-1567.1	546.1	-80.0	6480	-1509.9	546.1	-80.0
6481	1825.7	1247.6	1095.0	6482	-1567.1	726.0	-80.0	6483	1773.5	1247.6	1095.0
6484	-1567.1	1013.1	-80.0	6485	2005.4	1247.6	1095.0	6486	-1468.4	509.1	-80.0
6487	-1472.1	546.1	-80.0	6488	-1471.2	584.4	-80.0	6489	1960.5	1247.6	1095.0
6490	-1509.9	623.2	-80.0	6491	-1567.1	674.6	-80.0	6492	1915.5	1247.6	1095.0
6493	1870.6	1247.6	1095.0	6494	-1509.9	584.7	-80.0	6495	2074.8	1247.6	1095.0
6496	-1483.7	791.2	-80.0	6497	2163.1	1247.6	1095.0	6498	-1567.1	0.0	-80.0
6499	2119.0	1247.6	1095.0	6500	-1509.9	0.0	-80.0	6501	2211.0	1247.6	1095.0
6502	-1567.1	377.7	-80.0	6503	2270.1	1247.6	1095.0	6504	-871.2	19.5	-80.0
6505	2355.0	1247.6	1095.0	6506	-921.8	19.5	-80.0	6507	2312.6	1247.6	1095.0
6508	-972.5	19.5	-80.0	6509	2428.9	1247.6	1095.0	6510	-1023.2	19.5	-80.0
6511	2392.0	1247.6	1095.0	6512	-1073.8	19.5	-80.0	6513	2490.2	1247.6	1095.0
6514	-1124.5	19.5	-80.0	6515	-1172.7	19.5	-80.0	6516	-1220.8	19.5	-80.0
6517	-1391.4	332.6	1095.0	6518	2545.9	1247.6	1095.0	6519	-1269.0	19.5	-80.0
6520	2572.1	1247.6	1095.0	6521	-1344.4	98.6	-80.0	6522	2642.7	1247.6	1095.0
6523	-1354.3	147.9	-80.0	6524	2685.3	1247.6	1095.0	6525	695.8	1203.9	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
6526	695.8	870.0	1095.0	6527	695.8	917.7	1095.0	6528	695.8	965.4	1095.0
6529	695.8	1013.1	1095.0	6530	695.8	1060.8	1095.0	6531	695.8	1108.5	1095.0
6532	695.8	1156.2	1095.0	6533	646.4	1203.9	1095.0	6534	597.0	1203.9	1095.0
6535	547.5	1203.9	1095.0	6536	498.1	1203.9	1095.0	6537	422.8	1203.9	1095.0
6538	646.4	870.0	1095.0	6539	597.0	870.0	1095.0	6540	547.5	870.0	1095.0
6541	498.1	870.0	1095.0	6542	422.8	870.0	1095.0	6543	646.4	917.7	1095.0
6544	597.0	917.7	1095.0	6545	547.5	917.7	1095.0	6546	498.1	917.7	1095.0
6547	422.8	917.7	1095.0	6548	646.4	965.4	1095.0	6549	597.0	965.4	1095.0
6550	547.5	965.4	1095.0	6551	498.1	965.4	1095.0	6552	422.8	965.4	1095.0
6553	646.4	1013.1	1095.0	6554	597.0	1013.1	1095.0	6555	547.5	1013.1	1095.0
6556	498.1	1013.1	1095.0	6557	422.8	1013.1	1095.0	6558	646.4	1060.8	1095.0
6559	597.0	1060.8	1095.0	6560	547.5	1060.8	1095.0	6561	498.1	1060.8	1095.0
6562	422.8	1060.8	1095.0	6563	646.4	1108.5	1095.0	6564	597.0	1108.5	1095.0
6565	547.5	1108.5	1095.0	6566	498.1	1108.5	1095.0	6567	422.8	1108.5	1095.0
6568	646.4	1156.2	1095.0	6569	597.0	1156.2	1095.0	6570	547.5	1156.2	1095.0
6571	498.1	1156.2	1095.0	6572	422.8	1156.2	1095.0	6573	728.9	1203.9	1095.0
6574	728.9	870.0	1095.0	6575	728.9	917.7	1095.0	6576	728.9	965.4	1095.0
6577	728.9	1013.1	1095.0	6578	728.9	1060.8	1095.0	6579	728.9	1108.5	1095.0
6580	728.9	1156.2	1095.0	6581	811.4	822.3	1095.0	6582	547.5	197.2	534.3
6583	-306.1	19.5	340.0	6584	-356.6	19.5	340.0	6585	-407.1	19.5	340.0
6586	-460.6	19.5	340.0	6587	-514.1	19.5	340.0	6588	-567.6	19.5	340.0
6589	-621.1	19.5	340.0	6590	498.1	197.2	388.6	6591	498.1	197.2	437.1
6592	498.1	197.2	485.7	6593	498.1	197.2	534.3	6594	646.4	197.2	697.4
6595	728.9	19.5	340.0	6596	1690.3	1510.9	718.0	6597	-677.7	19.5	340.0
6598	-734.3	19.5	340.0	6599	-767.4	19.5	340.0	6600	-1172.7	1344.5	718.0
6601	-460.6	1483.5	718.0	6602	2005.4	1964.7	718.0	6603	1037.7	1806.5	718.0
6604	-356.6	1503.8	718.0	6605	1870.6	1938.4	718.0	6606	-804.5	19.5	340.0
6607	-306.1	1513.6	718.0	6608	-215.7	1531.3	718.0	6609	-58.9	1561.9	718.0
6610	858.5	2106.5	340.0	6611	-1269.0	1325.7	718.0	6612	1825.7	1658.2	718.0
6613	1960.5	1956.0	718.0	6614	770.1	2157.4	340.0	6615	905.7	2310.0	340.0
6616	811.4	19.5	340.0	6617	770.1	19.5	340.0	6618	1000.0	19.5	340.0
6619	952.9	19.5	340.0	6620	905.7	19.5	340.0	6621	858.5	19.5	340.0
6622	1075.4	19.5	340.0	6623	1037.7	19.5	340.0	6624	811.4	1203.9	1095.0
6625	770.1	822.3	1095.0	6626	811.4	870.0	1095.0	6627	811.4	917.7	1095.0
6628	811.4	965.4	1095.0	6629	811.4	1013.1	1095.0	6630	811.4	1060.8	1095.0
6631	811.4	1108.5	1095.0	6632	811.4	1156.2	1095.0	6633	770.1	1203.9	1095.0
6634	770.1	870.0	1095.0	6635	770.1	917.7	1095.0	6636	770.1	965.4	1095.0
6637	770.1	1013.1	1095.0	6638	770.1	1060.8	1095.0	6639	770.1	1108.5	1095.0
6640	770.1	1156.2	1095.0	6641	1000.0	822.3	1095.0	6642	952.9	822.3	1095.0
6643	905.7	822.3	1095.0	6644	858.5	822.3	1095.0	6645	1000.0	1203.9	1095.0
6646	1000.0	870.0	1095.0	6647	1000.0	917.7	1095.0	6648	1000.0	965.4	1095.0
6649	1000.0	1013.1	1095.0	6650	1000.0	1060.8	1095.0	6651	2736.9	19.5	340.0
6652	1000.0	1108.5	1095.0	6653	1000.0	1156.2	1095.0	6654	952.9	1203.9	1095.0
6655	905.7	1203.9	1095.0	6656	858.5	1203.9	1095.0	6657	952.9	870.0	1095.0
6658	811.4	377.7	340.0	6659	811.4	242.3	340.0	6660	811.4	287.5	340.0
6661	811.4	332.6	340.0	6662	770.1	377.7	340.0	6663	770.1	242.3	340.0
6664	770.1	287.5	340.0	6665	770.1	332.6	340.0	6666	1000.0	377.7	340.0
6667	1000.0	242.3	340.0	6668	1000.0	287.5	340.0	6669	1000.0	332.6	340.0
6670	952.9	377.7	340.0	6671	905.7	377.7	340.0	6672	858.5	377.7	340.0
6673	952.9	242.3	340.0	6674	905.7	242.3	340.0	6675	858.5	242.3	340.0
6676	952.9	287.5	340.0	6677	905.7	287.5	340.0	6678	858.5	287.5	340.0
6679	952.9	332.6	340.0	6680	905.7	332.6	340.0	6681	858.5	332.6	340.0
6682	1075.4	377.7	340.0	6683	1075.4	242.3	340.0	6684	1075.4	287.5	340.0
6685	1075.4	332.6	340.0	6686	1037.7	377.7	340.0	6687	1037.7	242.3	340.0
6688	1037.7	287.5	340.0	6689	1037.7	332.6	340.0	6690	1082.3	421.5	340.0
6691	905.7	870.0	1095.0	6692	858.5	870.0	1095.0	6693	952.9	917.7	1095.0
6694	905.7	917.7	1095.0	6695	858.5	917.7	1095.0	6696	952.9	965.4	1095.0
6697	905.7	965.4	1095.0	6698	858.5	965.4	1095.0	6699	952.9	1013.1	1095.0
6700	905.7	1013.1	1095.0	6701	858.5	1013.1	1095.0	6702	952.9	1060.8	1095.0
6703	905.7	1060.8	1095.0	6704	858.5	1060.8	1095.0	6705	952.9	1108.5	1095.0
6706	905.7	1108.5	1095.0	6707	858.5	1108.5	1095.0	6708	952.9	1156.2	1095.0
6709	905.7	1156.2	1095.0	6710	858.5	1156.2	1095.0	6711	-1364.2	197.2	-80.0
6712	1075.4	1203.9	1095.0	6713	2705.7	1247.6	1095.0	6714	-1400.5	377.7	-80.0
6715	-1124.5	-15.0	-80.0	6716	-1450.7	332.6	1095.0	6717	-1455.2	377.7	1095.0
6718	2355.0	465.3	1095.0	6719	-1459.6	421.5	1095.0	6720	-1525.4	791.2	1095.0
6721	1037.7	1203.9	1095.0	6722	2355.0	509.1	1095.0	6723	-871.2	-15.0	-80.0
6724	-1073.8	-15.0	-80.0	6725	-1373.8	19.5	1095.0	6726	-1419.2	19.5	1095.0
6727	-1023.2	-15.0	-80.0	6728	-972.5	-15.0	-80.0	6729	-921.8	-15.0	-80.0
6730	1428.9	2561.7	340.0	6731	1107.2	1203.9	1095.0	6732	-1442.2	584.7	-80.0
6733	1474.8	2612.1	340.0	6734	1428.9	2612.1	340.0	6735	-1449.9	623.2	-80.0
6736	-1567.1	242.3	-80.0	6737	1474.8	2662.5	340.0	6738	1428.9	2662.5	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
6739	-1460.2	674.6	-80.0	6740	-1382.4	287.5	-80.0	6741	1643.2	2712.8	340.0
6742	1643.2	2511.3	340.0	6743	-1269.0	-15.0	-80.0	6744	-1220.8	-15.0	-80.0
6745	1643.2	2561.7	340.0	6746	1643.2	2612.1	340.0	6747	-1172.7	-15.0	-80.0
6748	1140.5	1203.9	1095.0	6749	1643.2	2662.5	340.0	6750	1582.0	2712.8	340.0
6751	-1418.1	465.3	-80.0	6752	-1490.0	822.3	-80.0	6753	1582.0	2511.3	340.0
6754	1582.0	2561.7	340.0	6755	-1509.9	197.2	1095.0	6756	-1509.9	19.5	1095.0
6757	1582.0	2612.1	340.0	6758	1582.0	2662.5	340.0	6759	1690.3	2712.8	340.0
6760	1690.3	2511.3	340.0	6761	-1567.1	19.5	1095.0	6762	-1567.1	197.2	1095.0
6763	-1509.9	152.8	1095.0	6764	-1509.9	108.3	1095.0	6765	-1509.9	63.9	1095.0
6766	-1567.1	63.9	1095.0	6767	1690.3	2561.7	340.0	6768	1690.3	2612.1	340.0
6769	1690.3	2662.5	340.0	6770	1721.3	2712.8	340.0	6771	-1567.1	108.3	1095.0
6772	-1567.1	-15.0	-80.0	6773	1721.3	2511.3	340.0	6774	952.9	2511.3	340.0
6775	-1462.8	-15.0	-80.0	6776	-1415.7	-15.0	-80.0	6777	905.7	2511.3	340.0
6778	858.5	2511.3	340.0	6779	-1368.6	-15.0	-80.0	6780	-1499.6	870.0	-80.0
6781	952.9	2561.7	340.0	6782	905.7	2561.7	340.0	6783	-1509.2	917.7	-80.0
6784	-1370.9	0.0	-80.0	6785	858.5	2561.7	340.0	6786	952.9	2612.1	340.0
6787	-1417.2	0.0	-80.0	6788	-1528.3	1013.1	-80.0	6789	905.7	2612.1	340.0
6790	858.5	2612.1	340.0	6791	-1537.9	1060.8	-80.0	6792	-1547.5	1108.5	-80.0
6793	952.9	2662.5	340.0	6794	905.7	2662.5	340.0	6795	-1557.1	1156.2	-80.0
6796	-1567.1	1203.9	-80.0	6797	858.5	2662.5	340.0	6798	770.1	2511.3	340.0
6799	-1321.5	-15.0	-80.0	6800	-1509.9	-15.0	-80.0	6801	770.1	2561.7	340.0
6802	1075.4	2712.8	340.0	6803	-1463.5	0.0	-80.0	6805	1075.4	2511.3	340.0
6806	770.1	2612.1	340.0	6807	-1450.7	332.6	-80.0	6808	-1455.2	377.7	-80.0
6809	-1459.6	421.5	-80.0	6810	1474.8	2813.9	340.0	6811	-1525.4	791.2	-80.0
6812	-1373.8	19.5	-80.0	6813	-1419.2	19.5	-80.0	6814	-621.1	1855.8	340.0
6815	-1509.9	509.1	-80.0	6816	-1509.9	421.5	-80.0	6817	1825.7	2461.0	340.0
6818	-514.1	1918.4	340.0	6819	1185.6	1203.9	1095.0	6820	-1509.9	197.2	-80.0
6821	728.9	2511.3	340.0	6822	1825.7	2410.9	340.0	6823	-1509.9	19.5	-80.0
6824	-1509.9	465.3	-80.0	6825	-1567.1	19.5	-80.0	6826	2726.5	421.5	340.0
6827	-1567.1	197.2	-80.0	6828	-1567.1	755.8	-80.0	6829	2716.1	465.3	340.0
6830	2736.9	377.7	340.0	6831	-1509.9	152.8	-80.0	6832	1283.3	1203.9	1095.0
6833	-1509.9	108.3	-80.0	6834	811.4	509.1	340.0	6835	770.1	509.1	340.0
6836	811.4	465.3	340.0	6837	811.4	421.5	340.0	6838	770.1	421.5	340.0
6839	770.1	465.3	340.0	6840	1000.0	509.1	340.0	6841	858.5	509.1	340.0
6842	905.7	509.1	340.0	6843	952.9	509.1	340.0	6844	1000.0	465.3	340.0
6845	1000.0	421.5	340.0	6846	952.9	421.5	340.0	6847	952.9	465.3	340.0
6848	905.7	421.5	340.0	6849	905.7	465.3	340.0	6850	858.5	421.5	340.0
6851	858.5	465.3	340.0	6852	1075.4	509.1	340.0	6853	1037.7	509.1	340.0
6854	1075.4	465.3	340.0	6855	905.7	2259.1	340.0	6856	1037.7	421.5	340.0
6857	1037.7	465.3	340.0	6858	1117.5	509.1	340.0	6859	1095.1	465.3	340.0
6860	905.7	2208.3	340.0	6861	-1509.9	63.9	-80.0	6862	-1567.1	63.9	-80.0
6863	646.4	2561.7	340.0	6864	1428.9	3056.8	340.0	6865	-1418.8	242.3	-80.0
6866	-972.5	1649.9	340.0	6867	1721.3	2561.7	340.0	6868	-1509.9	755.8	-80.0
6869	1721.3	2612.1	340.0	6870	1428.9	2511.3	340.0	6871	1474.8	2561.7	340.0
6872	-1464.3	242.3	-80.0	6873	1721.3	2662.5	340.0	6874	1825.7	2712.8	340.0
6875	1825.7	2511.3	340.0	6876	-1424.9	287.5	-80.0	6877	1234.5	1203.9	1095.0
6878	1825.7	2561.7	340.0	6879	1825.7	2612.1	340.0	6880	1825.7	2662.5	340.0
6881	1773.5	2712.8	340.0	6882	1773.5	2511.3	340.0	6883	-1567.1	108.3	-80.0
6884	-1467.4	287.5	-80.0	6885	1773.5	2561.7	340.0	6886	-1567.1	791.2	-80.0
6887	1773.5	2612.1	340.0	6888	1773.5	2662.5	340.0	6889	1000.0	2763.4	340.0
6890	2005.4	2511.3	340.0	6891	1428.9	2813.9	340.0	6892	1838.3	2864.5	340.0
6893	2751.9	546.1	340.0	6894	1428.9	2915.0	340.0	6895	1428.9	2864.5	340.0
6896	1870.6	2712.8	340.0	6897	1960.5	2511.3	340.0	6898	1915.5	2511.3	340.0
6899	1870.6	2511.3	340.0	6900	1960.5	2561.7	340.0	6901	1915.5	2561.7	340.0
6902	1870.6	2561.7	340.0	6903	1960.5	2612.1	340.0	6904	1915.5	2612.1	340.0
6905	1870.6	2612.1	340.0	6906	1867.9	2813.9	340.0	6907	1915.5	2662.5	340.0
6908	1870.6	2662.5	340.0	6909	-1528.5	822.3	-80.0	6910	-1434.4	546.1	-80.0
6911	340.3	2360.9	340.0	6912	-62.2	2157.4	340.0	6913	290.8	2310.0	340.0
6914	290.8	2259.1	340.0	6915	-1567.1	822.3	-80.0	6916	-163.4	2123.9	340.0
6917	290.8	2208.3	340.0	6918	-1324.5	0.0	-80.0	6919	1383.0	3029.9	340.0
6920	1779.1	2965.6	340.0	6921	1075.4	2561.7	340.0	6922	1075.4	2612.1	340.0
6923	1075.4	2662.5	340.0	6924	1037.7	2712.8	340.0	6925	1037.7	2511.3	340.0
6926	1037.7	2561.7	340.0	6927	1037.7	2612.1	340.0	6928	1037.7	2662.5	340.0
6929	1107.2	2712.8	340.0	6930	1107.2	2511.3	340.0	6931	1107.2	2561.7	340.0
6932	1107.2	2612.1	340.0	6933	1107.2	2662.5	340.0	6934	1140.5	2712.8	340.0
6935	1140.5	2511.3	340.0	6936	1140.5	2561.7	340.0	6937	1140.5	2612.1	340.0
6938	1140.5	2662.5	340.0	6939	1000.0	2712.8	340.0	6940	1000.0	2511.3	340.0
6941	1000.0	2561.7	340.0	6942	1185.6	2712.8	340.0	6943	1185.6	2511.3	340.0
6944	1185.6	2561.7	340.0	6945	1000.0	2612.1	340.0	6946	1000.0	2662.5	340.0
6947	952.9	2712.8	340.0	6948	728.9	2561.7	340.0	6949	728.9	2612.1	340.0
6950	1075.4	2763.4	340.0	6951	1383.0	1203.9	1095.0	6952	811.4	2511.3	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
6953	811.4	2561.7	340.0	6954	811.4	2612.1	340.0	6955	811.4	2662.5	340.0
6956	1690.3	3066.7	340.0	6957	2005.4	2410.9	340.0	6958	2674.4	1616.5	718.0
6959	-1269.0	0.0	-80.0	6960	2705.7	509.1	340.0	6961	2005.4	2461.0	340.0
6962	1773.5	2410.9	340.0	6963	2736.9	509.1	340.0	6964	905.7	2157.4	340.0
6965	2736.9	465.3	340.0	6966	389.7	726.0	340.0	6967	695.8	726.0	340.0
6968	389.7	674.6	340.0	6969	695.8	674.6	340.0	6970	646.4	726.0	340.0
6971	597.0	726.0	340.0	6972	547.5	726.0	340.0	6973	498.1	726.0	340.0
6974	422.8	726.0	340.0	6975	646.4	674.6	340.0	6976	597.0	674.6	340.0
6977	547.5	674.6	340.0	6978	498.1	674.6	340.0	6979	422.8	674.6	340.0
6980	290.8	726.0	340.0	6981	340.3	726.0	340.0	6982	290.8	674.6	340.0
6983	340.3	674.6	340.0	6984	389.7	755.8	340.0	6985	340.3	755.8	340.0
6986	290.8	755.8	340.0	6987	728.9	546.1	340.0	6988	811.4	546.1	340.0
6989	770.1	546.1	340.0	6990	1000.0	546.1	340.0	6991	952.9	546.1	340.0
6992	905.7	546.1	340.0	6993	858.5	546.1	340.0	6994	1075.4	546.1	340.0
6995	1037.7	546.1	340.0	6996	1107.2	546.1	340.0	6997	1140.5	546.1	340.0
6998	905.7	2106.5	340.0	6999	1520.8	3066.7	340.0	7000	-1172.7	1532.6	340.0
7001	1428.9	2965.6	340.0	7002	1870.6	2763.4	340.0	7003	290.8	2157.4	340.0
7004	-1220.8	0.0	-80.0	7005	-1172.7	0.0	-80.0	7006	-1172.7	197.2	-80.0
7007	-1220.8	197.2	-80.0	7008	-1269.0	197.2	-80.0	7009	-1317.2	197.2	-80.0
7010	1333.2	1203.9	1095.0	7011	-1172.7	49.3	-80.0	7012	-1220.8	49.3	-80.0
7013	-1269.0	49.3	-80.0	7014	-1334.5	49.3	-80.0	7015	-1409.3	421.5	-80.0
7016	-1328.5	19.5	-80.0	7017	1185.6	2612.1	340.0	7018	1185.6	2662.5	340.0
7019	1283.3	2712.8	340.0	7020	1283.3	2511.3	340.0	7021	1283.3	2561.7	340.0
7022	1283.3	2612.1	340.0	7023	905.7	2712.8	340.0	7024	1283.3	2662.5	340.0
7025	-1172.7	98.6	-80.0	7026	1870.6	2410.9	340.0	7027	1870.6	2461.0	340.0
7028	2664.0	584.7	340.0	7029	2685.3	546.1	340.0	7030	241.4	791.2	340.0
7031	192.0	791.2	340.0	7032	142.6	791.2	340.0	7033	93.1	791.2	340.0
7034	41.4	791.2	340.0	7035	389.7	791.2	340.0	7036	340.3	791.2	340.0
7037	290.8	791.2	340.0	7038	695.8	755.8	340.0	7039	646.4	755.8	340.0
7040	597.0	755.8	340.0	7041	547.5	755.8	340.0	7042	498.1	755.8	340.0
7043	422.8	755.8	340.0	7044	695.8	791.2	340.0	7045	646.4	791.2	340.0
7046	597.0	791.2	340.0	7047	547.5	791.2	340.0	7048	498.1	791.2	340.0
7049	422.8	791.2	340.0	7050	389.7	822.3	340.0	7051	695.8	822.3	340.0
7052	646.4	822.3	340.0	7053	597.0	822.3	340.0	7054	547.5	822.3	340.0
7055	498.1	822.3	340.0	7056	422.8	822.3	340.0	7057	241.4	822.3	340.0
7058	340.3	822.3	340.0	7059	290.8	822.3	340.0	7060	241.4	1203.9	340.0
7061	389.7	1203.9	340.0	7062	241.4	1156.2	340.0	7063	241.4	1108.5	340.0
7064	241.4	1060.8	340.0	7065	241.4	1013.1	340.0	7066	241.4	965.4	340.0
7067	241.4	917.7	340.0	7068	241.4	870.0	340.0	7069	389.7	870.0	340.0
7070	389.7	917.7	340.0	7071	389.7	965.4	340.0	7072	389.7	1013.1	340.0
7073	389.7	1060.8	340.0	7074	389.7	1108.5	340.0	7075	389.7	1156.2	340.0
7076	340.3	1203.9	340.0	7077	290.8	1203.9	340.0	7078	340.3	870.0	340.0
7079	290.8	870.0	340.0	7080	340.3	917.7	340.0	7081	290.8	917.7	340.0
7082	340.3	965.4	340.0	7083	290.8	965.4	340.0	7084	340.3	1013.1	340.0
7085	290.8	1013.1	340.0	7086	340.3	1060.8	340.0	7087	290.8	1060.8	340.0
7088	340.3	1108.5	340.0	7089	290.8	1108.5	340.0	7090	340.3	1156.2	340.0
7091	290.8	1156.2	340.0	7092	-10.4	1203.9	340.0	7093	-10.4	822.3	340.0
7094	-10.4	1156.2	340.0	7095	-10.4	1108.5	340.0	7096	-10.4	1060.8	340.0
7097	-10.4	1013.1	340.0	7098	-10.4	965.4	340.0	7099	-10.4	917.7	340.0
7100	-10.4	870.0	340.0	7101	41.4	822.3	340.0	7102	93.1	822.3	340.0
7103	142.6	822.3	340.0	7104	192.0	822.3	340.0	7105	192.0	1203.9	340.0
7106	142.6	1203.9	340.0	7107	93.1	1203.9	340.0	7108	41.4	1203.9	340.0
7109	192.0	870.0	340.0	7110	142.6	870.0	340.0	7111	93.1	870.0	340.0
7112	41.4	870.0	340.0	7113	192.0	917.7	340.0	7114	142.6	917.7	340.0
7115	93.1	917.7	340.0	7116	41.4	917.7	340.0	7117	192.0	965.4	340.0
7118	142.6	965.4	340.0	7119	93.1	965.4	340.0	7120	41.4	965.4	340.0
7121	192.0	1013.1	340.0	7122	142.6	1013.1	340.0	7123	93.1	1013.1	340.0
7124	41.4	1013.1	340.0	7125	192.0	1060.8	340.0	7126	142.6	1060.8	340.0
7127	93.1	1060.8	340.0	7128	41.4	1060.8	340.0	7129	192.0	1108.5	340.0
7130	142.6	1108.5	340.0	7131	93.1	1108.5	340.0	7132	41.4	1108.5	340.0
7133	192.0	1156.2	340.0	7134	142.6	1156.2	340.0	7135	93.1	1156.2	340.0
7136	41.4	1156.2	340.0	7137	-62.2	1203.9	340.0	7138	-62.2	822.3	340.0
7139	-62.2	1156.2	340.0	7140	-62.2	1108.5	340.0	7141	-62.2	1060.8	340.0
7142	-62.2	1013.1	340.0	7143	-62.2	965.4	340.0	7144	-62.2	917.7	340.0
7145	-62.2	870.0	340.0	7146	-208.6	1203.9	340.0	7147	-208.6	822.3	340.0
7148	-208.6	1156.2	340.0	7149	-208.6	1108.5	340.0	7150	-208.6	1060.8	340.0
7151	-208.6	1013.1	340.0	7152	-208.6	965.4	340.0	7153	-208.6	917.7	340.0
7154	-208.6	870.0	340.0	7155	-159.8	822.3	340.0	7156	-111.0	822.3	340.0
7157	-111.0	1203.9	340.0	7158	-159.8	1203.9	340.0	7159	-111.0	870.0	340.0
7160	-159.8	870.0	340.0	7161	-111.0	917.7	340.0	7162	-159.8	917.7	340.0
7163	-111.0	965.4	340.0	7164	-159.8	965.4	340.0	7165	-111.0	1013.1	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
7166	-159.8	1013.1	340.0	7167	-111.0	1060.8	340.0	7168	-159.8	1060.8	340.0
7169	-111.0	1108.5	340.0	7170	-159.8	1108.5	340.0	7171	-111.0	1156.2	340.0
7172	-159.8	1156.2	340.0	7173	728.9	623.2	340.0	7174	728.9	584.7	340.0
7175	770.1	623.2	340.0	7176	770.1	584.7	340.0	7177	1075.4	623.2	340.0
7178	1075.4	584.7	340.0	7179	1037.7	623.2	340.0	7180	1037.7	584.7	340.0
7181	1107.2	623.2	340.0	7182	1107.2	584.7	340.0	7183	1140.5	623.2	340.0
7184	1140.5	584.7	340.0	7185	1185.6	623.2	340.0	7186	1179.5	584.7	340.0
7187	1283.3	648.9	340.0	7188	2703.0	1372.7	718.0	7189	1234.5	623.2	340.0
7190	422.8	2310.0	340.0	7191	858.5	2310.0	340.0	7192	1383.0	2662.5	340.0
7193	1773.5	745.5	340.0	7194	1333.2	2712.8	340.0	7195	1643.2	719.8	340.0
7196	1333.2	2511.3	340.0	7197	1690.3	729.1	340.0	7198	1721.3	735.2	340.0
7199	1333.2	2561.7	340.0	7200	1333.2	2612.1	340.0	7201	1185.6	1711.9	718.0
7202	1333.2	2662.5	340.0	7203	1582.0	707.8	340.0	7204	1520.8	2712.8	340.0
7205	1520.8	1203.9	1095.0	7206	1520.8	2511.3	340.0	7207	646.4	2511.3	340.0
7208	1520.8	2561.7	340.0	7209	597.0	2511.3	340.0	7210	1520.8	2612.1	340.0
7211	547.5	2511.3	340.0	7212	1520.8	2662.5	340.0	7213	-1220.8	98.6	-80.0
7214	1234.5	2712.8	340.0	7215	-1269.0	98.6	-80.0	7216	952.9	2310.0	340.0
7217	858.5	2259.1	340.0	7218	1474.8	2712.8	340.0	7219	1428.9	2712.8	340.0
7220	1474.8	2511.3	340.0	7221	952.9	2259.1	340.0	7222	1234.5	2511.3	340.0
7223	1674.4	726.0	340.0	7224	1234.5	2561.7	340.0	7225	1383.0	668.6	340.0
7226	1234.5	2612.1	340.0	7227	498.1	2106.5	340.0	7228	1234.5	2662.5	340.0
7229	422.8	2259.1	340.0	7230	1383.0	2712.8	340.0	7231	-1317.2	98.6	-80.0
7232	1383.0	2511.3	340.0	7233	-1172.7	147.9	-80.0	7234	1383.0	2561.7	340.0
7235	1333.2	2915.0	340.0	7236	952.9	2208.3	340.0	7237	-1220.8	147.9	-80.0
7238	1383.0	2612.1	340.0	7239	1721.3	3016.1	340.0	7240	-111.1	2154.5	340.0
7241	2074.7	2460.9	340.0	7242	2074.8	2410.9	340.0	7243	1960.5	2410.9	340.0
7244	1915.5	2410.9	340.0	7245	2642.7	623.2	340.0	7246	1960.5	2461.0	340.0
7247	2685.3	623.2	340.0	7248	2685.3	584.7	340.0	7249	2705.7	623.2	340.0
7250	2705.7	584.7	340.0	7251	2736.9	623.2	340.0	7252	2736.9	584.7	340.0
7253	728.9	726.0	340.0	7254	728.9	674.6	340.0	7255	811.4	726.0	340.0
7256	811.4	674.6	340.0	7257	770.1	726.0	340.0	7258	770.1	674.6	340.0
7259	1000.0	726.0	340.0	7260	1000.0	674.6	340.0	7261	952.9	726.0	340.0
7262	905.7	726.0	340.0	7263	858.5	726.0	340.0	7264	952.9	674.6	340.0
7265	905.7	674.6	340.0	7266	858.5	674.6	340.0	7267	1075.4	726.0	340.0
7268	1075.4	674.6	340.0	7269	1037.7	726.0	340.0	7270	1037.7	674.6	340.0
7271	1107.2	726.0	340.0	7272	1107.2	674.6	340.0	7273	1140.5	726.0	340.0
7274	1140.5	674.6	340.0	7275	1185.6	726.0	340.0	7276	1185.6	674.6	340.0
7277	1283.3	726.0	340.0	7278	1283.3	674.6	340.0	7279	1234.5	726.0	340.0
7280	1234.5	674.6	340.0	7281	1383.0	726.0	340.0	7282	952.9	2157.4	340.0
7283	1333.2	726.0	340.0	7284	1333.2	674.6	340.0	7285	1520.8	726.0	340.0
7286	1428.9	677.6	340.0	7287	1474.8	726.0	340.0	7288	1428.9	726.0	340.0
7289	1474.8	686.7	340.0	7290	1520.8	695.7	340.0	7291	952.9	2106.5	340.0
7292	1333.2	658.7	340.0	7293	1582.0	726.0	340.0	7294	728.9	2360.9	340.0
7295	770.1	2360.9	340.0	7296	-1269.0	147.9	-80.0	7297	1474.8	755.8	340.0
7298	1428.9	755.8	340.0	7299	1915.5	773.5	340.0	7300	1383.0	1563.7	718.0
7301	1643.2	755.8	340.0	7302	1582.0	755.8	340.0	7303	2587.8	2047.8	718.0
7304	2723.4	1372.7	718.0	7305	1870.6	764.7	340.0	7306	2074.8	804.9	340.0
7307	2119.0	813.6	340.0	7308	1333.2	1616.5	718.0	7309	2545.9	2019.3	718.0
7310	728.9	2310.0	340.0	7311	-111.0	1551.7	718.0	7312	1333.2	1563.7	718.0
7313	1140.5	2864.5	340.0	7314	389.7	2410.9	340.0	7315	1037.7	2763.4	340.0
7316	728.9	2259.1	340.0	7317	-1317.2	147.9	-80.0	7318	1474.8	1203.9	1095.0
7319	347.5	2423.2	340.0	7320	695.8	2511.3	340.0	7321	1428.9	1203.9	1095.0
7322	-1172.7	377.7	-80.0	7323	-1220.8	1504.4	340.0	7324	695.8	2561.7	340.0
7325	2163.1	2309.8	340.0	7326	-407.1	1981.1	340.0	7327	-1220.8	377.7	-80.0
7328	2355.0	811.0	340.0	7329	1333.2	2864.5	340.0	7330	1773.5	2915.0	340.0
7331	2705.7	726.0	340.0	7332	2736.9	726.0	340.0	7333	2736.9	674.6	340.0
7334	2705.7	674.6	340.0	7335	2685.3	726.0	340.0	7336	2685.3	674.6	340.0
7337	2642.7	726.0	340.0	7338	2642.7	674.6	340.0	7339	2572.1	726.0	340.0
7340	1915.5	2461.0	340.0	7341	2545.9	726.0	340.0	7342	1721.3	2965.6	340.0
7343	728.9	791.2	340.0	7344	728.9	822.3	340.0	7345	728.9	755.8	340.0
7346	811.4	755.8	340.0	7347	811.4	791.2	340.0	7348	770.1	755.8	340.0
7349	770.1	791.2	340.0	7350	1000.0	755.8	340.0	7351	1000.0	791.2	340.0
7352	858.5	755.8	340.0	7353	905.7	755.8	340.0	7354	952.9	755.8	340.0
7355	952.9	791.2	340.0	7356	905.7	791.2	340.0	7357	858.5	791.2	340.0
7358	1075.4	755.8	340.0	7359	1037.7	755.8	340.0	7360	1107.2	755.8	340.0
7361	1140.5	755.8	340.0	7362	1185.6	755.8	340.0	7363	1283.3	755.8	340.0
7364	1234.5	755.8	340.0	7365	1383.0	755.8	340.0	7366	1333.2	755.8	340.0
7367	1520.8	755.8	340.0	7368	695.8	2461.0	340.0	7369	695.8	2410.9	340.0
7370	1960.5	782.4	340.0	7371	1690.3	3016.1	340.0	7372	1690.3	755.8	340.0
7373	1721.3	755.8	340.0	7374	1825.7	755.8	340.0	7375	728.9	2208.3	340.0
7376	-1269.0	377.7	-80.0	7377	-1317.2	377.7	-80.0	7378	-1365.3	377.7	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
7379	646.4	2461.0	340.0	7380	-1172.7	242.3	-80.0	7381	-58.9	2185.2	340.0
7382	-1220.8	242.3	-80.0	7383	-215.7	2093.3	340.0	7384	-1269.0	242.3	-80.0
7385	2392.0	801.1	340.0	7386	2572.1	698.1	340.0	7387	2736.9	755.8	340.0
7388	2705.7	755.8	340.0	7389	2685.3	755.8	340.0	7390	2642.7	755.8	340.0
7391	2572.1	755.8	340.0	7392	2545.9	755.8	340.0	7393	2490.2	755.8	340.0
7394	1333.2	2965.6	340.0	7395	728.9	2157.4	340.0	7396	1283.3	791.2	340.0
7397	1383.0	791.2	340.0	7398	1333.2	791.2	340.0	7399	1075.4	791.2	340.0
7400	1037.7	791.2	340.0	7401	1107.2	791.2	340.0	7402	1140.5	791.2	340.0
7403	1185.6	791.2	340.0	7404	1234.5	791.2	340.0	7405	1520.8	791.2	340.0
7406	1474.8	791.2	340.0	7407	1428.9	791.2	340.0	7408	1643.2	791.2	340.0
7409	1582.0	791.2	340.0	7410	1690.3	791.2	340.0	7411	1721.3	791.2	340.0
7412	1825.7	791.2	340.0	7413	1773.5	791.2	340.0	7414	2005.4	791.2	340.0
7415	1960.5	791.2	340.0	7416	1915.5	791.2	340.0	7417	1870.6	791.2	340.0
7418	-1317.2	242.3	-80.0	7419	295.7	2392.9	340.0	7420	-1373.3	242.3	-80.0
7421	-1172.7	287.5	-80.0	7422	-1220.8	287.5	-80.0	7423	2015.6	2561.7	340.0
7424	-1269.0	287.5	-80.0	7425	2428.9	791.2	340.0	7426	1428.9	2763.4	340.0
7427	2490.2	791.2	340.0	7428	2545.9	791.2	340.0	7429	2572.1	791.2	340.0
7430	2642.7	791.2	340.0	7431	2685.3	791.2	340.0	7432	2705.7	791.2	340.0
7433	2736.9	791.2	340.0	7434	695.8	1203.9	340.0	7435	695.8	870.0	340.0
7436	695.8	917.7	340.0	7437	695.8	965.4	340.0	7438	695.8	1013.1	340.0
7439	695.8	1060.8	340.0	7440	695.8	1108.5	340.0	7441	695.8	1156.2	340.0
7442	646.4	1203.9	340.0	7443	597.0	1203.9	340.0	7444	547.5	1203.9	340.0
7445	498.1	1203.9	340.0	7446	422.8	1203.9	340.0	7447	646.4	870.0	340.0
7448	597.0	870.0	340.0	7449	547.5	870.0	340.0	7450	498.1	870.0	340.0
7451	422.8	870.0	340.0	7452	646.4	917.7	340.0	7453	597.0	917.7	340.0
7454	547.5	917.7	340.0	7455	498.1	917.7	340.0	7456	422.8	917.7	340.0
7457	646.4	965.4	340.0	7458	597.0	965.4	340.0	7459	547.5	965.4	340.0
7460	498.1	965.4	340.0	7461	422.8	965.4	340.0	7462	646.4	1013.1	340.0
7463	597.0	1013.1	340.0	7464	547.5	1013.1	340.0	7465	498.1	1013.1	340.0
7466	422.8	1013.1	340.0	7467	646.4	1060.8	340.0	7468	597.0	1060.8	340.0
7469	547.5	1060.8	340.0	7470	498.1	1060.8	340.0	7471	422.8	1060.8	340.0
7472	646.4	1108.5	340.0	7473	597.0	1108.5	340.0	7474	547.5	1108.5	340.0
7475	498.1	1108.5	340.0	7476	422.8	1108.5	340.0	7477	646.4	1156.2	340.0
7478	597.0	1156.2	340.0	7479	547.5	1156.2	340.0	7480	498.1	1156.2	340.0
7481	422.8	1156.2	340.0	7482	728.9	1203.9	340.0	7483	728.9	870.0	340.0
7484	728.9	917.7	340.0	7485	728.9	965.4	340.0	7486	728.9	1013.1	340.0
7487	728.9	1060.8	340.0	7488	728.9	1108.5	340.0	7489	728.9	1156.2	340.0
7490	811.4	822.3	340.0	7491	811.4	1203.9	340.0	7492	770.1	822.3	340.0
7493	811.4	870.0	340.0	7494	811.4	917.7	340.0	7495	811.4	965.4	340.0
7496	811.4	1013.1	340.0	7497	811.4	1060.8	340.0	7498	811.4	1108.5	340.0
7499	811.4	1156.2	340.0	7500	770.1	1203.9	340.0	7501	770.1	870.0	340.0
7502	770.1	917.7	340.0	7503	770.1	965.4	340.0	7504	770.1	1013.1	340.0
7505	770.1	1060.8	340.0	7506	770.1	1108.5	340.0	7507	770.1	1156.2	340.0
7508	1000.0	822.3	340.0	7509	952.9	822.3	340.0	7510	905.7	822.3	340.0
7511	858.5	822.3	340.0	7512	1000.0	1203.9	340.0	7513	1000.0	870.0	340.0
7514	1000.0	917.7	340.0	7515	1000.0	965.4	340.0	7516	1000.0	1013.1	340.0
7517	1000.0	1060.8	340.0	7518	1000.0	1108.5	340.0	7519	1000.0	1156.2	340.0
7520	952.9	1203.9	340.0	7521	905.7	1203.9	340.0	7522	858.5	1203.9	340.0
7523	952.9	870.0	340.0	7524	905.7	870.0	340.0	7525	858.5	870.0	340.0
7526	952.9	917.7	340.0	7527	905.7	917.7	340.0	7528	858.5	917.7	340.0
7529	952.9	965.4	340.0	7530	905.7	965.4	340.0	7531	858.5	965.4	340.0
7532	952.9	1013.1	340.0	7533	905.7	1013.1	340.0	7534	858.5	1013.1	340.0
7535	952.9	1060.8	340.0	7536	905.7	1060.8	340.0	7537	858.5	1060.8	340.0
7538	952.9	1108.5	340.0	7539	905.7	1108.5	340.0	7540	858.5	1108.5	340.0
7541	952.9	1156.2	340.0	7542	905.7	1156.2	340.0	7543	858.5	1156.2	340.0
7544	1075.4	822.3	340.0	7545	1075.4	1203.9	340.0	7546	1037.7	822.3	340.0
7547	1075.4	870.0	340.0	7548	1075.4	917.7	340.0	7549	1075.4	965.4	340.0
7550	1075.4	1013.1	340.0	7551	1075.4	1060.8	340.0	7552	1075.4	1108.5	340.0
7553	1075.4	1156.2	340.0	7554	1037.7	1203.9	340.0	7555	1037.7	870.0	340.0
7556	1037.7	917.7	340.0	7557	1037.7	965.4	340.0	7558	1037.7	1013.1	340.0
7559	1037.7	1060.8	340.0	7560	1037.7	1108.5	340.0	7561	1037.7	1156.2	340.0
7562	1107.2	822.3	340.0	7563	1107.2	1203.9	340.0	7564	1107.2	870.0	340.0
7565	1107.2	917.7	340.0	7566	1107.2	965.4	340.0	7567	1107.2	1013.1	340.0
7568	1107.2	1060.8	340.0	7569	1107.2	1108.5	340.0	7570	1107.2	1156.2	340.0
7571	1140.5	822.3	340.0	7572	1140.5	1203.9	340.0	7573	1140.5	870.0	340.0
7574	1140.5	917.7	340.0	7575	1140.5	965.4	340.0	7576	1140.5	1013.1	340.0
7577	1140.5	1060.8	340.0	7578	1140.5	1108.5	340.0	7579	1140.5	1156.2	340.0
7580	1185.6	822.3	340.0	7581	1283.3	822.3	340.0	7582	1234.5	822.3	340.0
7583	1383.0	822.3	340.0	7584	1333.2	822.3	340.0	7585	1520.8	822.3	340.0
7586	1474.8	822.3	340.0	7587	1428.9	822.3	340.0	7588	1643.2	822.3	340.0
7589	1582.0	822.3	340.0	7590	1690.3	822.3	340.0	7591	1721.3	822.3	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
7592	1825.7	822.3	340.0	7593	1773.5	822.3	340.0	7594	2005.4	822.3	340.0
7595	1960.5	822.3	340.0	7596	1915.5	822.3	340.0	7597	1870.6	822.3	340.0
7598	2074.8	822.3	340.0	7599	2163.1	822.3	340.0	7600	2119.0	822.3	340.0
7601	2211.0	822.3	340.0	7602	2270.1	822.3	340.0	7603	728.9	2106.5	340.0
7604	2312.6	822.3	340.0	7605	2428.9	822.3	340.0	7606	2392.0	822.3	340.0
7607	2490.2	822.3	340.0	7608	2545.9	822.3	340.0	7609	1185.6	1203.9	340.0
7610	1185.6	870.0	340.0	7611	1185.6	917.7	340.0	7612	1185.6	965.4	340.0
7613	1185.6	1013.1	340.0	7614	1185.6	1060.8	340.0	7615	1185.6	1108.5	340.0
7616	1185.6	1156.2	340.0	7617	1283.3	1203.9	340.0	7618	1283.3	870.0	340.0
7619	1283.3	917.7	340.0	7620	1283.3	965.4	340.0	7621	1283.3	1013.1	340.0
7622	1283.3	1060.8	340.0	7623	1283.3	1108.5	340.0	7624	1283.3	1156.2	340.0
7625	1234.5	1203.9	340.0	7626	1234.5	870.0	340.0	7627	1234.5	917.7	340.0
7628	1234.5	965.4	340.0	7629	1234.5	1013.1	340.0	7630	1234.5	1060.8	340.0
7631	1234.5	1108.5	340.0	7632	1234.5	1156.2	340.0	7633	1383.0	1203.9	340.0
7634	1383.0	870.0	340.0	7635	1383.0	917.7	340.0	7636	1383.0	965.4	340.0
7637	1383.0	1013.1	340.0	7638	1383.0	1060.8	340.0	7639	1383.0	1108.5	340.0
7640	1383.0	1156.2	340.0	7641	1333.2	1203.9	340.0	7642	1333.2	870.0	340.0
7643	1333.2	917.7	340.0	7644	1333.2	965.4	340.0	7645	1333.2	1013.1	340.0
7646	1333.2	1060.8	340.0	7647	1333.2	1108.5	340.0	7648	1333.2	1156.2	340.0
7649	1520.8	1203.9	340.0	7650	1520.8	870.0	340.0	7651	1520.8	917.7	340.0
7652	1520.8	965.4	340.0	7653	1520.8	1013.1	340.0	7654	1520.8	1060.8	340.0
7655	1520.8	1108.5	340.0	7656	1520.8	1156.2	340.0	7657	1474.8	1203.9	340.0
7658	1428.9	1203.9	340.0	7659	1474.8	870.0	340.0	7660	1428.9	870.0	340.0
7661	1474.8	917.7	340.0	7662	1428.9	917.7	340.0	7663	1474.8	965.4	340.0
7664	1428.9	965.4	340.0	7665	1474.8	1013.1	340.0	7666	1428.9	1013.1	340.0
7667	1474.8	1060.8	340.0	7668	1428.9	1060.8	340.0	7669	1474.8	1108.5	340.0
7670	1428.9	1108.5	340.0	7671	1474.8	1156.2	340.0	7672	1428.9	1156.2	340.0
7673	1643.2	1203.9	340.0	7674	1643.2	870.0	340.0	7675	1643.2	917.7	340.0
7676	1643.2	965.4	340.0	7677	1643.2	1013.1	340.0	7678	1643.2	1060.8	340.0
7679	1643.2	1108.5	340.0	7680	1643.2	1156.2	340.0	7681	1582.0	1203.9	340.0
7682	1582.0	870.0	340.0	7683	1582.0	917.7	340.0	7684	1582.0	965.4	340.0
7685	1582.0	1013.1	340.0	7686	1582.0	1060.8	340.0	7687	1582.0	1108.5	340.0
7688	1582.0	1156.2	340.0	7689	1690.3	1203.9	340.0	7690	1690.3	870.0	340.0
7691	1690.3	917.7	340.0	7692	1690.3	965.4	340.0	7693	1690.3	1013.1	340.0
7694	1690.3	1060.8	340.0	7695	1690.3	1108.5	340.0	7696	1690.3	1156.2	340.0
7697	1721.3	1203.9	340.0	7698	1721.3	870.0	340.0	7699	1721.3	917.7	340.0
7700	1721.3	965.4	340.0	7701	1721.3	1013.1	340.0	7702	1721.3	1060.8	340.0
7703	1721.3	1108.5	340.0	7704	1721.3	1156.2	340.0	7705	1825.7	1203.9	340.0
7706	1825.7	870.0	340.0	7707	1825.7	917.7	340.0	7708	1825.7	965.4	340.0
7709	1825.7	1013.1	340.0	7710	1825.7	1060.8	340.0	7711	1825.7	1108.5	340.0
7712	1825.7	1156.2	340.0	7713	1773.5	1203.9	340.0	7714	1773.5	870.0	340.0
7715	1773.5	917.7	340.0	7716	1773.5	965.4	340.0	7717	1773.5	1013.1	340.0
7718	1773.5	1060.8	340.0	7719	1773.5	1108.5	340.0	7720	1773.5	1156.2	340.0
7721	2005.4	1203.9	340.0	7722	2005.4	870.0	340.0	7723	2005.4	917.7	340.0
7724	2005.4	965.4	340.0	7725	2005.4	1013.1	340.0	7726	2005.4	1060.8	340.0
7727	2005.4	1108.5	340.0	7728	2005.4	1156.2	340.0	7729	1960.5	1203.9	340.0
7730	1915.5	1203.9	340.0	7731	1870.6	1203.9	340.0	7732	1960.5	870.0	340.0
7733	1915.5	870.0	340.0	7734	1870.6	870.0	340.0	7735	1960.5	917.7	340.0
7736	1915.5	917.7	340.0	7737	1870.6	917.7	340.0	7738	1960.5	965.4	340.0
7739	1915.5	965.4	340.0	7740	1870.6	965.4	340.0	7741	1960.5	1013.1	340.0
7742	1915.5	1013.1	340.0	7743	1870.6	1013.1	340.0	7744	1960.5	1060.8	340.0
7745	1915.5	1060.8	340.0	7746	1870.6	1060.8	340.0	7747	1960.5	1108.5	340.0
7748	1915.5	1108.5	340.0	7749	1870.6	1108.5	340.0	7750	1960.5	1156.2	340.0
7751	1915.5	1156.2	340.0	7752	1870.6	1156.2	340.0	7753	2074.8	1203.9	340.0
7754	2074.8	870.0	340.0	7755	2074.8	917.7	340.0	7756	2074.8	965.4	340.0
7757	2074.8	1013.1	340.0	7758	2074.8	1060.8	340.0	7759	2074.8	1108.5	340.0
7760	2074.8	1156.2	340.0	7761	2163.1	1203.9	340.0	7762	2163.1	870.0	340.0
7763	2163.1	917.7	340.0	7764	2163.1	965.4	340.0	7765	2163.1	1013.1	340.0
7766	2163.1	1060.8	340.0	7767	2163.1	1108.5	340.0	7768	2163.1	1156.2	340.0
7769	2119.0	1203.9	340.0	7770	2119.0	870.0	340.0	7771	2119.0	917.7	340.0
7772	2119.0	965.4	340.0	7773	2119.0	1013.1	340.0	7774	2119.0	1060.8	340.0
7775	2119.0	1108.5	340.0	7776	2119.0	1156.2	340.0	7777	2211.0	1203.9	340.0
7778	2211.0	870.0	340.0	7779	2211.0	917.7	340.0	7780	2211.0	965.4	340.0
7781	2211.0	1013.1	340.0	7782	2211.0	1060.8	340.0	7783	2211.0	1108.5	340.0
7784	2211.0	1156.2	340.0	7785	2270.1	1203.9	340.0	7786	2270.1	870.0	340.0
7787	2270.1	917.7	340.0	7788	2270.1	965.4	340.0	7789	2270.1	1013.1	340.0
7790	2270.1	1060.8	340.0	7791	2270.1	1108.5	340.0	7792	2270.1	1156.2	340.0
7793	2355.0	1203.9	340.0	7794	2355.0	870.0	340.0	7795	2355.0	917.7	340.0
7796	2355.0	965.4	340.0	7797	2355.0	1013.1	340.0	7798	2355.0	1060.8	340.0
7799	2355.0	1108.5	340.0	7800	2355.0	1156.2	340.0	7801	2312.6	1203.9	340.0
7802	2312.6	1156.2	340.0	7803	2312.6	1108.5	340.0	7804	2312.6	1060.8	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
7805	2312.6	1013.1	340.0	7806	2312.6	965.4	340.0	7807	2312.6	917.7	340.0
7808	2312.6	870.0	340.0	7809	2428.9	1203.9	340.0	7810	2428.9	870.0	340.0
7811	2428.9	917.7	340.0	7812	2428.9	965.4	340.0	7813	2428.9	1013.1	340.0
7814	2428.9	1060.8	340.0	7815	2428.9	1108.5	340.0	7816	2428.9	1156.2	340.0
7817	2392.0	1203.9	340.0	7818	2392.0	1156.2	340.0	7819	2392.0	1108.5	340.0
7820	2392.0	1060.8	340.0	7821	2392.0	1013.1	340.0	7822	2392.0	965.4	340.0
7823	2392.0	917.7	340.0	7824	2392.0	870.0	340.0	7825	2490.2	1203.9	340.0
7826	2490.2	870.0	340.0	7827	2490.2	917.7	340.0	7828	2490.2	965.4	340.0
7829	2490.2	1013.1	340.0	7830	2490.2	1060.8	340.0	7831	2490.2	1108.5	340.0
7832	2490.2	1156.2	340.0	7833	2545.9	1203.9	340.0	7834	2545.9	870.0	340.0
7835	2545.9	917.7	340.0	7836	2545.9	965.4	340.0	7837	2545.9	1013.1	340.0
7838	2545.9	1060.8	340.0	7839	2545.9	1108.5	340.0	7840	2545.9	1156.2	340.0
7841	2572.1	822.3	340.0	7842	2572.1	1203.9	340.0	7843	2572.1	870.0	340.0
7844	2572.1	917.7	340.0	7845	2572.1	965.4	340.0	7846	2572.1	1013.1	340.0
7847	2572.1	1060.8	340.0	7848	2572.1	1108.5	340.0	7849	2572.1	1156.2	340.0
7850	2642.7	822.3	340.0	7851	2642.7	1203.9	340.0	7852	2642.7	870.0	340.0
7853	2642.7	917.7	340.0	7854	2642.7	965.4	340.0	7855	2642.7	1013.1	340.0
7856	2642.7	1060.8	340.0	7857	2642.7	1108.5	340.0	7858	2642.7	1156.2	340.0
7859	2685.3	822.3	340.0	7860	2685.3	1203.9	340.0	7861	2685.3	870.0	340.0
7862	2685.3	917.7	340.0	7863	2685.3	965.4	340.0	7864	2685.3	1013.1	340.0
7865	2685.3	1060.8	340.0	7866	2685.3	1108.5	340.0	7867	2685.3	1156.2	340.0
7868	2705.7	822.3	340.0	7869	2705.7	1203.9	340.0	7870	2705.7	870.0	340.0
7871	2705.7	917.7	340.0	7872	2705.7	965.4	340.0	7873	2705.7	1013.1	340.0
7874	2705.7	1060.8	340.0	7875	2705.7	1108.5	340.0	7876	2705.7	1156.2	340.0
7877	2736.9	822.3	340.0	7878	2736.9	1203.9	340.0	7879	2736.9	870.0	340.0
7880	2736.9	917.7	340.0	7881	2736.9	965.4	340.0	7882	2736.9	1013.1	340.0
7883	2736.9	1060.8	340.0	7884	2736.9	1108.5	340.0	7885	2736.9	1156.2	340.0
7886	1520.8	1900.8	340.0	7887	811.4	1762.3	340.0	7888	952.9	2777.9	340.0
7889	-1124.5	1560.8	340.0	7890	2091.9	2471.0	340.0	7891	1383.0	2915.0	340.0
7892	-1317.2	287.5	-80.0	7893	2333.0	2059.3	340.0	7894	2299.4	2116.6	340.0
7895	-804.5	1291.4	340.0	7896	-804.5	1247.6	340.0	7897	-767.4	1291.4	340.0
7898	-767.4	1247.6	340.0	7899	-734.3	1291.4	340.0	7900	-734.3	1247.6	340.0
7901	-621.1	1291.4	340.0	7902	-621.1	1247.6	340.0	7903	-677.7	1291.4	340.0
7904	-677.7	1247.6	340.0	7905	-407.1	1291.4	340.0	7906	-407.1	1247.6	340.0
7907	-460.6	1291.4	340.0	7908	-514.1	1291.4	340.0	7909	-567.6	1291.4	340.0
7910	-460.6	1247.6	340.0	7911	-514.1	1247.6	340.0	7912	-567.6	1247.6	340.0
7913	-257.4	1291.4	340.0	7914	-257.4	1247.6	340.0	7915	-306.1	1291.4	340.0
7916	-356.6	1291.4	340.0	7917	-306.1	1247.6	340.0	7918	-356.6	1247.6	340.0
7919	-208.6	1291.4	340.0	7920	-208.6	1247.6	340.0	7921	-62.2	1291.4	340.0
7922	-62.2	1247.6	340.0	7923	-111.0	1291.4	340.0	7924	-159.8	1291.4	340.0
7925	-111.0	1247.6	340.0	7926	-159.8	1247.6	340.0	7927	-10.4	1291.4	340.0
7928	-10.4	1247.6	340.0	7929	241.4	1291.4	340.0	7930	241.4	1247.6	340.0
7931	192.0	1291.4	340.0	7932	142.6	1291.4	340.0	7933	93.1	1291.4	340.0
7934	41.4	1291.4	340.0	7935	192.0	1247.6	340.0	7936	142.6	1247.6	340.0
7937	93.1	1247.6	340.0	7938	41.4	1247.6	340.0	7939	389.7	1291.4	340.0
7940	389.7	1247.6	340.0	7941	340.3	1291.4	340.0	7942	290.8	1291.4	340.0
7943	340.3	1247.6	340.0	7944	290.8	1247.6	340.0	7945	695.8	1291.4	340.0
7946	695.8	1247.6	340.0	7947	646.4	1291.4	340.0	7948	597.0	1291.4	340.0
7949	547.5	1291.4	340.0	7950	498.1	1291.4	340.0	7951	422.8	1291.4	340.0
7952	646.4	1247.6	340.0	7953	597.0	1247.6	340.0	7954	547.5	1247.6	340.0
7955	498.1	1247.6	340.0	7956	422.8	1247.6	340.0	7957	728.9	1291.4	340.0
7958	728.9	1247.6	340.0	7959	811.4	1291.4	340.0	7960	811.4	1247.6	340.0
7961	770.1	1291.4	340.0	7962	770.1	1247.6	340.0	7963	1000.0	1291.4	340.0
7964	1000.0	1247.6	340.0	7965	952.9	1291.4	340.0	7966	905.7	1291.4	340.0
7967	858.5	1291.4	340.0	7968	952.9	1247.6	340.0	7969	905.7	1247.6	340.0
7970	858.5	1247.6	340.0	7971	1075.4	1291.4	340.0	7972	1075.4	1247.6	340.0
7973	1037.7	1291.4	340.0	7974	1037.7	1247.6	340.0	7975	1107.2	1291.4	340.0
7976	1107.2	1247.6	340.0	7977	1140.5	1291.4	340.0	7978	1140.5	1247.6	340.0
7979	1185.6	1291.4	340.0	7980	1185.6	1247.6	340.0	7981	1283.3	1291.4	340.0
7982	1283.3	1247.6	340.0	7983	1234.5	1291.4	340.0	7984	1234.5	1247.6	340.0
7985	1383.0	1291.4	340.0	7986	1383.0	1247.6	340.0	7987	1333.2	1291.4	340.0
7988	1333.2	1247.6	340.0	7989	1520.8	1291.4	340.0	7990	1520.8	1247.6	340.0
7991	1474.8	1291.4	340.0	7992	1428.9	1291.4	340.0	7993	1474.8	1247.6	340.0
7994	1428.9	1247.6	340.0	7995	1643.2	1291.4	340.0	7996	1643.2	1247.6	340.0
7997	1582.0	1291.4	340.0	7998	1582.0	1247.6	340.0	7999	1690.3	1291.4	340.0
8000	1690.3	1247.6	340.0	8001	1721.3	1291.4	340.0	8002	1721.3	1247.6	340.0
8003	1825.7	1291.4	340.0	8004	1825.7	1247.6	340.0	8005	1773.5	1291.4	340.0
8006	1773.5	1247.6	340.0	8007	2005.4	1291.4	340.0	8008	2005.4	1247.6	340.0
8009	1960.5	1291.4	340.0	8010	1915.5	1291.4	340.0	8011	1870.6	1291.4	340.0
8012	1960.5	1247.6	340.0	8013	1915.5	1247.6	340.0	8014	1870.6	1247.6	340.0
8015	2074.8	1291.4	340.0	8016	2074.8	1247.6	340.0	8017	2163.1	1291.4	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
8018	2163.1	1247.6	340.0	8019	2119.0	1291.4	340.0	8020	2119.0	1247.6	340.0
8021	2211.0	1291.4	340.0	8022	2211.0	1247.6	340.0	8023	2270.1	1291.4	340.0
8024	2270.1	1247.6	340.0	8025	2355.0	1291.4	340.0	8026	2355.0	1247.6	340.0
8027	2312.6	1291.4	340.0	8028	2312.6	1247.6	340.0	8029	2428.9	1291.4	340.0
8030	2428.9	1247.6	340.0	8031	2392.0	1291.4	340.0	8032	2392.0	1247.6	340.0
8033	2490.2	1291.4	340.0	8034	2490.2	1247.6	340.0	8035	2545.9	1291.4	340.0
8036	2545.9	1247.6	340.0	8037	2572.1	1291.4	340.0	8038	2572.1	1247.6	340.0
8039	2642.7	1291.4	340.0	8040	2642.7	1247.6	340.0	8041	2685.3	1291.4	340.0
8042	2685.3	1247.6	340.0	8043	2705.7	1291.4	340.0	8044	2705.7	1247.6	340.0
8045	2613.3	1819.2	340.0	8046	2634.9	1711.9	340.0	8047	-804.5	1372.7	340.0
8048	-804.5	1332.0	340.0	8049	-767.4	1372.7	340.0	8050	-767.4	1332.0	340.0
8051	-734.3	1372.7	340.0	8052	-734.3	1332.0	340.0	8053	-621.1	1372.7	340.0
8054	-621.1	1332.0	340.0	8055	-677.7	1372.7	340.0	8056	-677.7	1332.0	340.0
8057	-407.1	1372.7	340.0	8058	-407.1	1332.0	340.0	8059	-460.6	1372.7	340.0
8060	-514.1	1372.7	340.0	8061	-567.6	1372.7	340.0	8062	-460.6	1332.0	340.0
8063	-514.1	1332.0	340.0	8064	-567.6	1332.0	340.0	8065	-257.4	1372.7	340.0
8066	-257.4	1332.0	340.0	8067	-306.1	1372.7	340.0	8068	-356.6	1372.7	340.0
8069	-306.1	1332.0	340.0	8070	-356.6	1332.0	340.0	8071	-208.6	1372.7	340.0
8072	-208.6	1332.0	340.0	8073	-62.2	1372.7	340.0	8074	-62.2	1332.0	340.0
8075	-111.0	1372.7	340.0	8076	-159.8	1372.7	340.0	8077	-111.0	1332.0	340.0
8078	-159.8	1332.0	340.0	8079	-10.4	1372.7	340.0	8080	-10.4	1332.0	340.0
8081	241.4	1372.7	340.0	8082	241.4	1332.0	340.0	8083	192.0	1372.7	340.0
8084	142.6	1372.7	340.0	8085	93.1	1372.7	340.0	8086	41.4	1372.7	340.0
8087	192.0	1332.0	340.0	8088	142.6	1332.0	340.0	8089	93.1	1332.0	340.0
8090	41.4	1332.0	340.0	8091	389.7	1372.7	340.0	8092	389.7	1332.0	340.0
8093	340.3	1372.7	340.0	8094	290.8	1372.7	340.0	8095	340.3	1332.0	340.0
8096	290.8	1332.0	340.0	8097	695.8	1372.7	340.0	8098	695.8	1332.0	340.0
8099	646.4	1372.7	340.0	8100	597.0	1372.7	340.0	8101	547.5	1372.7	340.0
8102	498.1	1372.7	340.0	8103	422.8	1372.7	340.0	8104	646.4	1332.0	340.0
8105	597.0	1332.0	340.0	8106	547.5	1332.0	340.0	8107	498.1	1332.0	340.0
8108	422.8	1332.0	340.0	8109	728.9	1372.7	340.0	8110	728.9	1332.0	340.0
8111	811.4	1372.7	340.0	8112	811.4	1332.0	340.0	8113	770.1	1372.7	340.0
8114	770.1	1332.0	340.0	8115	1000.0	1372.7	340.0	8116	1000.0	1332.0	340.0
8117	952.9	1372.7	340.0	8118	905.7	1372.7	340.0	8119	858.5	1372.7	340.0
8120	952.9	1332.0	340.0	8121	905.7	1332.0	340.0	8122	858.5	1332.0	340.0
8123	1075.4	1372.7	340.0	8124	1075.4	1332.0	340.0	8125	1037.7	1372.7	340.0
8126	1037.7	1332.0	340.0	8127	1107.2	1372.7	340.0	8128	1107.2	1332.0	340.0
8129	1140.5	1372.7	340.0	8130	1140.5	1332.0	340.0	8131	1185.6	1372.7	340.0
8132	1185.6	1332.0	340.0	8133	1283.3	1372.7	340.0	8134	1283.3	1332.0	340.0
8135	1234.5	1372.7	340.0	8136	1234.5	1332.0	340.0	8137	1383.0	1372.7	340.0
8138	1383.0	1332.0	340.0	8139	1333.2	1372.7	340.0	8140	1333.2	1332.0	340.0
8141	1520.8	1372.7	340.0	8142	1520.8	1332.0	340.0	8143	1474.8	1372.7	340.0
8144	1428.9	1372.7	340.0	8145	1474.8	1332.0	340.0	8146	1428.9	1332.0	340.0
8147	1643.2	1372.7	340.0	8148	1643.2	1332.0	340.0	8149	1582.0	1372.7	340.0
8150	1582.0	1332.0	340.0	8151	1690.3	1372.7	340.0	8152	1690.3	1332.0	340.0
8153	1721.3	1372.7	340.0	8154	1721.3	1332.0	340.0	8155	1825.7	1372.7	340.0
8156	1825.7	1332.0	340.0	8157	1773.5	1372.7	340.0	8158	1773.5	1332.0	340.0
8159	2005.4	1372.7	340.0	8160	2005.4	1332.0	340.0	8161	1960.5	1372.7	340.0
8162	1915.5	1372.7	340.0	8163	1870.6	1372.7	340.0	8164	1960.5	1332.0	340.0
8165	1915.5	1332.0	340.0	8166	1870.6	1332.0	340.0	8167	2074.8	1372.7	340.0
8168	2074.8	1332.0	340.0	8169	2163.1	1372.7	340.0	8170	2163.1	1332.0	340.0
8171	2119.0	1372.7	340.0	8172	2119.0	1332.0	340.0	8173	2211.0	1372.7	340.0
8174	2211.0	1332.0	340.0	8175	2270.1	1372.7	340.0	8176	2270.1	1332.0	340.0
8177	2355.0	1372.7	340.0	8178	2355.0	1332.0	340.0	8179	2312.6	1372.7	340.0
8180	2312.6	1332.0	340.0	8181	2428.9	1372.7	340.0	8182	2428.9	1332.0	340.0
8183	2392.0	1372.7	340.0	8184	2392.0	1332.0	340.0	8185	2490.2	1372.7	340.0
8186	2490.2	1332.0	340.0	8187	2545.9	1372.7	340.0	8188	2545.9	1332.0	340.0
8189	2572.1	1372.7	340.0	8190	2572.1	1332.0	340.0	8191	2642.7	1372.7	340.0
8192	2642.7	1332.0	340.0	8193	2685.3	1372.7	340.0	8194	2685.3	1332.0	340.0
8195	1234.5	2864.5	340.0	8196	2711.2	1332.0	340.0	8197	2664.6	1563.7	340.0
8198	2591.5	1927.8	340.0	8199	-804.5	1510.9	340.0	8200	1107.2	1820.0	340.0
8201	-804.5	1446.9	340.0	8202	-767.4	1510.9	340.0	8203	-767.4	1423.6	340.0
8204	-767.4	1454.2	340.0	8205	-734.3	1510.9	340.0	8206	-734.3	1460.6	340.0
8207	-734.3	1430.0	340.0	8208	-621.1	1510.9	340.0	8209	-621.1	1418.7	340.0
8210	1690.3	1933.8	340.0	8211	-677.7	1510.9	340.0	8212	-677.7	1418.7	340.0
8213	2005.4	1995.3	340.0	8214	1870.6	1969.0	340.0	8215	-407.1	1418.7	340.0
8216	-407.1	1464.8	340.0	8217	1915.5	1977.8	340.0	8218	-514.1	1503.6	340.0
8219	-567.6	1493.1	340.0	8220	-460.6	1418.7	340.0	8221	-514.1	1418.7	340.0
8222	-567.6	1418.7	340.0	8223	-460.6	1464.8	340.0	8224	-514.1	1473.0	340.0
8225	1721.3	1939.9	340.0	8226	-257.4	1523.5	340.0	8227	-257.4	1418.7	340.0
8228	-257.4	1464.8	340.0	8229	1075.4	1813.8	340.0	8230	-257.4	1554.0	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
8231	-306.1	1418.7	340.0	8232	-356.6	1418.7	340.0	8233	-306.1	1464.8	340.0
8234	-356.6	1464.8	340.0	8235	-208.6	1510.9	340.0	8236	-208.6	1418.7	340.0
8237	-208.6	1464.8	340.0	8238	-62.2	1510.9	340.0	8239	-62.2	1418.7	340.0
8240	-62.2	1464.8	340.0	8241	-111.0	1510.9	340.0	8242	-159.8	1510.9	340.0
8243	-111.0	1418.7	340.0	8244	-159.8	1418.7	340.0	8245	-111.0	1464.8	340.0
8246	-159.8	1464.8	340.0	8247	-10.4	1510.9	340.0	8248	-10.4	1418.7	340.0
8249	-10.4	1464.8	340.0	8250	241.4	1510.9	340.0	8251	241.4	1418.7	340.0
8252	241.4	1464.8	340.0	8253	192.0	1510.9	340.0	8254	142.6	1510.9	340.0
8255	93.1	1510.9	340.0	8256	41.4	1510.9	340.0	8257	192.0	1418.7	340.0
8258	142.6	1418.7	340.0	8259	93.1	1418.7	340.0	8260	41.4	1418.7	340.0
8261	192.0	1464.8	340.0	8262	142.6	1464.8	340.0	8263	93.1	1464.8	340.0
8264	41.4	1464.8	340.0	8265	389.7	1510.9	340.0	8266	389.7	1418.7	340.0
8267	389.7	1464.8	340.0	8268	340.3	1510.9	340.0	8269	290.8	1510.9	340.0
8270	340.3	1418.7	340.0	8271	290.8	1418.7	340.0	8272	340.3	1464.8	340.0
8273	290.8	1464.8	340.0	8274	695.8	1510.9	340.0	8275	695.8	1418.7	340.0
8276	695.8	1464.8	340.0	8277	646.4	1510.9	340.0	8278	597.0	1510.9	340.0
8279	547.5	1510.9	340.0	8280	498.1	1510.9	340.0	8281	422.8	1510.9	340.0
8282	646.4	1418.7	340.0	8283	597.0	1418.7	340.0	8284	547.5	1418.7	340.0
8285	498.1	1418.7	340.0	8286	422.8	1418.7	340.0	8287	646.4	1464.8	340.0
8288	597.0	1464.8	340.0	8289	547.5	1464.8	340.0	8290	498.1	1464.8	340.0
8291	422.8	1464.8	340.0	8292	728.9	1510.9	340.0	8293	728.9	1418.7	340.0
8294	728.9	1464.8	340.0	8295	811.4	1510.9	340.0	8296	811.4	1418.7	340.0
8297	811.4	1464.8	340.0	8298	770.1	1510.9	340.0	8299	770.1	1418.7	340.0
8300	770.1	1464.8	340.0	8301	1000.0	1510.9	340.0	8302	1000.0	1418.7	340.0
8303	1000.0	1464.8	340.0	8304	952.9	1510.9	340.0	8305	905.7	1510.9	340.0
8306	858.5	1510.9	340.0	8307	952.9	1418.7	340.0	8308	905.7	1418.7	340.0
8309	858.5	1418.7	340.0	8310	952.9	1464.8	340.0	8311	905.7	1464.8	340.0
8312	858.5	1464.8	340.0	8313	1075.4	1510.9	340.0	8314	1075.4	1418.7	340.0
8315	1075.4	1464.8	340.0	8316	1037.7	1510.9	340.0	8317	1037.7	1418.7	340.0
8318	1037.7	1464.8	340.0	8319	1107.2	1510.9	340.0	8320	1107.2	1418.7	340.0
8321	1107.2	1464.8	340.0	8322	1140.5	1510.9	340.0	8323	1140.5	1418.7	340.0
8324	1140.5	1464.8	340.0	8325	1185.6	1510.9	340.0	8326	1185.6	1418.7	340.0
8327	1185.6	1464.8	340.0	8328	1283.3	1510.9	340.0	8329	1283.3	1418.7	340.0
8330	1283.3	1464.8	340.0	8331	1234.5	1510.9	340.0	8332	1234.5	1418.7	340.0
8333	1234.5	1464.8	340.0	8334	1383.0	1510.9	340.0	8335	1383.0	1418.7	340.0
8336	1383.0	1464.8	340.0	8337	1333.2	1510.9	340.0	8338	1333.2	1418.7	340.0
8339	1333.2	1464.8	340.0	8340	1520.8	1510.9	340.0	8341	1520.8	1418.7	340.0
8342	1520.8	1464.8	340.0	8343	1474.8	1510.9	340.0	8344	1428.9	1510.9	340.0
8345	1474.8	1418.7	340.0	8346	1428.9	1418.7	340.0	8347	1474.8	1464.8	340.0
8348	1428.9	1464.8	340.0	8349	1643.2	1510.9	340.0	8350	1643.2	1418.7	340.0
8351	1643.2	1464.8	340.0	8352	1582.0	1510.9	340.0	8353	1582.0	1418.7	340.0
8354	1582.0	1464.8	340.0	8355	1690.3	1510.9	340.0	8356	1690.3	1418.7	340.0
8357	1690.3	1464.8	340.0	8358	1721.3	1510.9	340.0	8359	1721.3	1418.7	340.0
8360	1721.3	1464.8	340.0	8361	1825.7	1510.9	340.0	8362	1825.7	1418.7	340.0
8363	1825.7	1464.8	340.0	8364	1773.5	1510.9	340.0	8365	1773.5	1418.7	340.0
8366	1773.5	1464.8	340.0	8367	2005.4	1510.9	340.0	8368	2005.4	1418.7	340.0
8369	2005.4	1464.8	340.0	8370	1960.5	1510.9	340.0	8371	1915.5	1510.9	340.0
8372	1870.6	1510.9	340.0	8373	1960.5	1418.7	340.0	8374	1915.5	1418.7	340.0
8375	1870.6	1418.7	340.0	8376	1960.5	1464.8	340.0	8377	1915.5	1464.8	340.0
8378	1870.6	1464.8	340.0	8379	2074.8	1510.9	340.0	8380	2074.8	1418.7	340.0
8381	2074.8	1464.8	340.0	8382	2163.1	1510.9	340.0	8383	2163.1	1418.7	340.0
8384	2163.1	1464.8	340.0	8385	2119.0	1510.9	340.0	8386	2119.0	1418.7	340.0
8387	2119.0	1464.8	340.0	8388	2211.0	1510.9	340.0	8389	2211.0	1418.7	340.0
8390	2211.0	1464.8	340.0	8391	2270.1	1510.9	340.0	8392	2270.1	1418.7	340.0
8393	2270.1	1464.8	340.0	8394	2355.0	1510.9	340.0	8395	2355.0	1418.7	340.0
8396	2355.0	1464.8	340.0	8397	2312.6	1510.9	340.0	8398	2312.6	1418.7	340.0
8399	2312.6	1464.8	340.0	8400	2428.9	1510.9	340.0	8401	2428.9	1418.7	340.0
8402	2428.9	1464.8	340.0	8403	2392.0	1510.9	340.0	8404	2392.0	1418.7	340.0
8405	2392.0	1464.8	340.0	8406	2490.2	1510.9	340.0	8407	2490.2	1418.7	340.0
8408	2490.2	1464.8	340.0	8409	2545.9	1510.9	340.0	8410	2545.9	1418.7	340.0
8411	2545.9	1464.8	340.0	8412	2572.1	1510.9	340.0	8413	2572.1	1418.7	340.0
8414	2572.1	1464.8	340.0	8415	2642.7	1510.9	340.0	8416	2642.7	1418.7	340.0
8417	2642.7	1464.8	340.0	8418	1283.3	2864.5	340.0	8419	2685.3	1418.7	340.0
8420	1234.5	2915.0	340.0	8421	389.7	2157.4	340.0	8422	2675.2	1510.9	340.0
8423	2693.7	1418.7	340.0	8424	2728.1	1247.6	340.0	8425	2654.0	1616.5	340.0
8426	2645.6	1658.2	340.0	8427	-804.5	1616.5	340.0	8428	-804.5	1563.7	340.0
8429	-767.4	1616.5	340.0	8430	-767.4	1563.7	340.0	8431	-734.3	1616.5	340.0
8432	-734.3	1563.7	340.0	8433	-621.1	1616.5	340.0	8434	-621.1	1563.7	340.0
8435	-677.7	1616.5	340.0	8436	-677.7	1563.7	340.0	8437	-407.1	1616.5	340.0
8438	-407.1	1563.7	340.0	8439	-460.6	1616.5	340.0	8440	-514.1	1616.5	340.0
8441	-567.6	1616.5	340.0	8442	-460.6	1563.7	340.0	8443	-514.1	1563.7	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
8444	-567.6	1563.7	340.0	8445	-257.4	1616.5	340.0	8446	952.9	1789.9	340.0
8447	-306.1	1616.5	340.0	8448	-356.6	1616.5	340.0	8449	-306.1	1563.7	340.0
8450	-356.6	1563.7	340.0	8451	-208.6	1616.5	340.0	8452	905.7	1780.7	340.0
8453	-62.2	1616.5	340.0	8454	192.0	1611.4	340.0	8455	-111.0	1616.5	340.0
8456	-159.8	1616.5	340.0	8457	728.9	1746.2	340.0	8458	192.0	1642.0	340.0
8459	-10.4	1603.9	340.0	8460	-10.4	1573.4	340.0	8461	597.0	1720.4	340.0
8462	241.4	1563.7	340.0	8463	-62.2	1592.4	340.0	8464	-1365.3	1337.4	340.0
8465	1825.7	1960.3	340.0	8466	41.4	1613.5	340.0	8467	192.0	1563.7	340.0
8468	142.6	1563.7	340.0	8469	93.1	1563.7	340.0	8470	41.4	1563.7	340.0
8471	389.7	1616.5	340.0	8472	389.7	1563.7	340.0	8473	340.3	1616.5	340.0
8474	290.8	1631.1	340.0	8475	340.3	1563.7	340.0	8476	290.8	1563.7	340.0
8477	695.8	1616.5	340.0	8478	695.8	1563.7	340.0	8479	646.4	1616.5	340.0
8480	597.0	1616.5	340.0	8481	547.5	1616.5	340.0	8482	498.1	1616.5	340.0
8483	422.8	1616.5	340.0	8484	646.4	1563.7	340.0	8485	597.0	1563.7	340.0
8486	547.5	1563.7	340.0	8487	498.1	1563.7	340.0	8488	422.8	1563.7	340.0
8489	1643.2	1203.9	1095.0	8490	-1365.3	287.5	-80.0	8491	-1172.7	332.6	-80.0
8492	-1220.8	332.6	-80.0	8493	-1269.0	332.6	-80.0	8494	-1317.2	332.6	-80.0
8495	-1365.3	332.6	-80.0	8496	-1172.7	509.1	-80.0	8497	1582.0	1203.9	1095.0
8498	-1220.8	509.1	-80.0	8499	-1269.0	509.1	-80.0	8500	-1317.2	509.1	-80.0
8501	-1365.3	509.1	-80.0	8502	-1427.0	509.1	-80.0	8503	-1172.7	421.5	-80.0
8504	-1220.8	421.5	-80.0	8505	1690.3	1203.9	1095.0	8506	-1269.0	421.5	-80.0
8507	-1317.2	421.5	-80.0	8508	-1365.3	421.5	-80.0	8509	-1172.7	465.3	-80.0
8510	-1220.8	465.3	-80.0	8511	-1269.0	465.3	-80.0	8512	-1317.2	465.3	-80.0
8513	1721.3	1203.9	1095.0	8514	-1365.3	465.3	-80.0	8515	-1172.7	546.1	-80.0
8516	-1220.8	546.1	-80.0	8517	-1269.0	546.1	-80.0	8518	-1317.2	546.1	-80.0
8519	-1365.3	546.1	-80.0	8520	-1413.5	546.1	-80.0	8521	1825.7	1203.9	1095.0
8522	-1192.8	623.2	-80.0	8523	-1220.8	623.2	-80.0	8524	-1269.0	623.2	-80.0
8525	-1317.2	623.2	-80.0	8526	-1365.3	623.2	-80.0	8527	-1413.5	623.2	-80.0
8528	-1533.0	1203.9	-80.0	8529	1773.5	1203.9	1095.0	8530	-1220.8	584.7	-80.0
8531	-1434.4	546.1	1095.0	8532	-1269.0	584.7	-80.0	8533	-1317.2	584.7	-80.0
8534	-1365.3	584.7	-80.0	8535	-1413.5	584.7	-80.0	8536	-1172.7	726.0	-80.0
8537	2005.4	1203.9	1095.0	8538	-1464.5	19.5	1095.0	8539	2736.9	197.2	1095.0
8540	-1378.3	53.0	1095.0	8541	-1422.2	56.6	1095.0	8542	-1567.1	152.8	1095.0
8543	-1466.0	60.3	1095.0	8544	-1399.5	101.8	1095.0	8545	1960.5	1203.9	1095.0
8546	1915.5	1203.9	1095.0	8547	1870.6	1203.9	1095.0	8548	-1454.7	105.1	1095.0
8549	-1584.3	19.5	1095.0	8550	-1253.1	726.0	-80.0	8551	-1317.2	726.0	-80.0
8552	-1406.1	149.5	1095.0	8553	-1365.3	726.0	-80.0	8554	-1413.5	726.0	-80.0
8555	-1584.3	197.2	1095.0	8556	-1584.3	63.9	1095.0	8557	-1470.6	726.0	-80.0
8558	-1584.3	108.3	1095.0	8559	-1584.3	152.8	1095.0	8560	-1584.3	546.1	1095.0
8561	-1567.1	546.1	1095.0	8562	-1509.9	546.1	1095.0	8563	-1567.1	726.0	1095.0
8564	-1584.3	623.2	1095.0	8565	-1172.7	674.6	-80.0	8566	-1567.1	674.6	1095.0
8567	-1584.3	0.0	1065.5	8568	-1567.1	0.0	1065.5	8569	2074.8	1203.9	1095.0
8570	-1220.8	671.0	-80.0	8571	-1509.9	0.0	1065.5	8572	-1584.3	584.7	1095.0
8573	646.4	377.7	726.9	8574	-1567.1	-15.0	1095.0	8575	-1509.9	-15.0	1095.0
8576	-1567.1	623.2	1095.0	8577	2163.1	1203.9	1095.0	8578	-1584.3	377.7	1095.0
8579	-1567.1	584.7	1095.0	8580	2355.0	421.5	1095.0	8581	-1509.9	623.2	1095.0
8582	-1509.9	584.7	1095.0	8583	-1584.3	242.3	1095.0	8584	-1584.3	287.5	1095.0
8585	2119.0	1203.9	1095.0	8586	-1584.3	332.6	1095.0	8587	-1567.1	377.7	1095.0
8588	-1567.1	242.3	1095.0	8589	-1567.1	287.5	1095.0	8590	2736.9	0.0	1095.0
8591	2736.9	147.9	1095.0	8592	1690.3	1418.7	718.0	8593	1690.3	1464.8	718.0
8594	1721.3	1510.9	718.0	8595	1721.3	1418.7	718.0	8596	1721.3	1464.8	718.0
8597	1825.7	1510.9	718.0	8598	1825.7	1418.7	718.0	8599	1825.7	1464.8	718.0
8600	1773.5	1510.9	718.0	8601	1773.5	1418.7	718.0	8602	1773.5	1464.8	718.0
8603	2005.4	1510.9	718.0	8604	2005.4	1418.7	718.0	8605	728.9	1616.5	340.0
8606	728.9	1563.7	340.0	8607	811.4	1616.5	340.0	8608	811.4	1563.7	340.0
8609	770.1	1616.5	340.0	8610	770.1	1563.7	340.0	8611	1000.0	1616.5	340.0
8612	1000.0	1563.7	340.0	8613	952.9	1616.5	340.0	8614	905.7	1616.5	340.0
8615	858.5	1616.5	340.0	8616	952.9	1563.7	340.0	8617	905.7	1563.7	340.0
8618	858.5	1563.7	340.0	8619	1075.4	1616.5	340.0	8620	1075.4	1563.7	340.0
8621	1037.7	1616.5	340.0	8622	1037.7	1563.7	340.0	8623	1107.2	1616.5	340.0
8624	1107.2	1563.7	340.0	8625	1140.5	1616.5	340.0	8626	1140.5	1563.7	340.0
8627	1185.6	1616.5	340.0	8628	1185.6	1563.7	340.0	8629	1283.3	1616.5	340.0
8630	1283.3	1563.7	340.0	8631	1234.5	1616.5	340.0	8632	1234.5	1563.7	340.0
8633	1383.0	1616.5	340.0	8634	1383.0	1563.7	340.0	8635	1333.2	1616.5	340.0
8636	1333.2	1563.7	340.0	8637	1520.8	1616.5	340.0	8638	1520.8	1563.7	340.0
8639	1474.8	1616.5	340.0	8640	1428.9	1616.5	340.0	8641	1474.8	1563.7	340.0
8642	1428.9	1563.7	340.0	8643	1643.2	1616.5	340.0	8644	1643.2	1563.7	340.0
8645	1582.0	1616.5	340.0	8646	1582.0	1563.7	340.0	8647	1690.3	1616.5	340.0
8648	1690.3	1563.7	340.0	8649	1721.3	1616.5	340.0	8650	1721.3	1563.7	340.0
8651	1825.7	1616.5	340.0	8652	1825.7	1563.7	340.0	8653	1773.5	1616.5	340.0
8654	1773.5	1563.7	340.0	8655	2005.4	1616.5	340.0	8656	2005.4	1563.7	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
8657	1960.5	1616.5	340.0	8658	1915.5	1616.5	340.0	8659	1870.6	1616.5	340.0
8660	1960.5	1563.7	340.0	8661	1915.5	1563.7	340.0	8662	1870.6	1563.7	340.0
8663	2074.8	1616.5	340.0	8664	2074.8	1563.7	340.0	8665	2163.1	1616.5	340.0
8666	2163.1	1563.7	340.0	8667	2119.0	1616.5	340.0	8668	2119.0	1563.7	340.0
8669	2211.0	1616.5	340.0	8670	2211.0	1563.7	340.0	8671	2270.1	1616.5	340.0
8672	2270.1	1563.7	340.0	8673	2355.0	1616.5	340.0	8674	2355.0	1563.7	340.0
8675	2312.6	1616.5	340.0	8676	2312.6	1563.7	340.0	8677	2428.9	1616.5	340.0
8678	2428.9	1563.7	340.0	8679	2392.0	1616.5	340.0	8680	2392.0	1563.7	340.0
8681	2490.2	1616.5	340.0	8682	2490.2	1563.7	340.0	8683	2545.9	1616.5	340.0
8684	2545.9	1563.7	340.0	8685	2572.1	1616.5	340.0	8686	2572.1	1563.7	340.0
8687	2739.7	1291.4	340.0	8688	2642.7	1563.7	340.0	8689	2633.7	1819.2	340.0
8690	2719.3	1291.4	340.0	8691	2655.3	1711.9	340.0	8692	2703.0	1372.7	340.0
8693	1474.8	2864.5	340.0	8694	2723.4	1372.7	340.0	8695	2751.9	1156.2	340.0
8696	2580.6	1982.0	340.0	8697	1075.4	2849.7	340.0	8698	1037.7	2827.6	340.0
8699	1428.9	1464.8	718.0	8700	2751.9	623.2	340.0	8701	2751.9	584.7	340.0
8702	1234.5	2813.9	340.0	8703	2751.9	870.0	340.0	8704	2736.9	98.6	1095.0
8705	-871.2	1658.2	340.0	8706	-921.8	1679.6	340.0	8707	1690.3	2410.9	340.0
8708	2211.0	1203.9	1095.0	8709	1773.5	1658.2	718.0	8710	-804.5	1658.2	340.0
8711	-767.4	1658.2	340.0	8712	-734.3	1658.2	340.0	8713	-621.1	1658.2	340.0
8714	-677.7	1658.2	340.0	8715	-407.1	1658.2	340.0	8716	-460.6	1658.2	340.0
8717	-514.1	1658.2	340.0	8718	-567.6	1658.2	340.0	8719	-257.4	1658.2	340.0
8720	-306.1	1658.2	340.0	8721	-356.6	1658.2	340.0	8722	-208.6	1658.2	340.0
8723	-62.2	1658.2	340.0	8724	-111.0	1658.2	340.0	8725	-159.8	1658.2	340.0
8726	-10.4	1658.2	340.0	8727	646.4	1730.1	340.0	8728	142.6	1601.9	340.0
8729	142.6	1658.2	340.0	8730	93.1	1658.2	340.0	8731	41.4	1658.2	340.0
8732	770.1	1754.2	340.0	8733	547.5	1710.8	340.0	8734	290.8	1661.6	340.0
8735	695.8	1658.2	340.0	8736	646.4	1658.2	340.0	8737	597.0	1658.2	340.0
8738	547.5	1658.2	340.0	8739	498.1	1670.6	340.0	8740	498.1	1701.2	340.0
8741	728.9	1658.2	340.0	8742	811.4	1658.2	340.0	8743	770.1	1658.2	340.0
8744	1000.0	1658.2	340.0	8745	952.9	1658.2	340.0	8746	905.7	1658.2	340.0
8747	858.5	1658.2	340.0	8748	1075.4	1658.2	340.0	8749	1037.7	1658.2	340.0
8750	1107.2	1658.2	340.0	8751	1140.5	1658.2	340.0	8752	1185.6	1658.2	340.0
8753	1283.3	1658.2	340.0	8754	1234.5	1658.2	340.0	8755	1383.0	1658.2	340.0
8756	1333.2	1658.2	340.0	8757	1520.8	1658.2	340.0	8758	1474.8	1658.2	340.0
8759	1428.9	1658.2	340.0	8760	1643.2	1658.2	340.0	8761	1582.0	1658.2	340.0
8762	1690.3	1658.2	340.0	8763	1721.3	1658.2	340.0	8764	1825.7	1658.2	340.0
8765	1773.5	1658.2	340.0	8766	2005.4	1658.2	340.0	8767	1960.5	1658.2	340.0
8768	1915.5	1658.2	340.0	8769	1870.6	1658.2	340.0	8770	2074.8	1658.2	340.0
8771	2163.1	1658.2	340.0	8772	2119.0	1658.2	340.0	8773	2211.0	1658.2	340.0
8774	2270.1	1658.2	340.0	8775	2355.0	1658.2	340.0	8776	2312.6	1658.2	340.0
8777	2428.9	1658.2	340.0	8778	2392.0	1658.2	340.0	8779	2490.2	1658.2	340.0
8780	2545.9	1658.2	340.0	8781	2572.1	1658.2	340.0	8782	2736.9	49.3	1095.0
8783	2731.6	1332.0	340.0	8784	1185.6	2813.9	340.0	8785	2685.0	1563.7	340.0
8786	2601.0	1982.0	340.0	8787	-871.2	1709.2	340.0	8788	2684.5	1464.8	340.0
8789	-460.6	1949.8	340.0	8790	2704.9	1464.8	340.0	8791	2736.9	19.5	1095.0
8792	2736.9	242.3	1095.0	8793	2192.8	2259.1	340.0	8794	1643.2	1510.9	718.0
8795	1643.2	1418.7	718.0	8796	1643.2	1464.8	718.0	8797	2751.9	674.6	340.0
8798	2751.9	755.8	340.0	8799	2751.9	917.7	340.0	8800	2751.9	1108.5	340.0
8801	2622.8	1873.5	340.0	8802	1582.0	1510.9	718.0	8803	2751.9	377.7	340.0
8804	2751.9	791.2	340.0	8805	2751.9	726.0	340.0	8806	2751.9	965.4	340.0
8807	2751.9	1013.1	340.0	8808	2180.3	2319.9	340.0	8809	1582.0	1418.7	718.0
8810	1582.0	1464.8	718.0	8811	2751.9	822.3	340.0	8812	1773.5	2461.0	340.0
8813	2751.9	1060.8	340.0	8814	2602.4	1873.5	340.0	8815	2624.1	1765.6	340.0
8816	1520.8	1616.5	718.0	8817	547.5	2310.0	340.0	8818	1140.5	2887.8	340.0
8819	1333.2	2461.0	340.0	8820	1428.9	2461.0	340.0	8821	2005.4	1658.2	718.0
8822	1690.3	2915.0	340.0	8823	1383.0	2965.6	340.0	8824	2074.8	1616.5	718.0
8825	695.8	2360.9	340.0	8826	2392.0	2009.6	718.0	8827	770.1	2310.0	340.0
8828	1107.2	2461.0	340.0	8829	1474.8	2410.9	340.0	8830	1690.3	2965.6	340.0
8831	2074.8	1563.7	718.0	8832	-804.5	1711.9	340.0	8833	547.5	2259.1	340.0
8834	1107.2	2868.3	340.0	8835	-767.4	1711.9	340.0	8836	-767.4	1770.1	340.0
8837	597.0	2310.0	340.0	8838	-734.3	1711.9	340.0	8839	-734.3	1765.6	340.0
8840	-621.1	1819.2	340.0	8841	-621.1	1711.9	340.0	8842	-621.1	1765.6	340.0
8843	-677.7	1822.6	340.0	8844	-677.7	1711.9	340.0	8845	-677.7	1765.6	340.0
8846	-407.1	1819.2	340.0	8847	-407.1	1711.9	340.0	8848	-407.1	1765.6	340.0
8849	-460.6	1819.2	340.0	8850	-514.1	1819.2	340.0	8851	-567.6	1819.2	340.0
8852	-460.6	1711.9	340.0	8853	-514.1	1711.9	340.0	8854	-567.6	1711.9	340.0
8855	-460.6	1765.6	340.0	8856	-514.1	1765.6	340.0	8857	-567.6	1765.6	340.0
8858	-257.4	1819.2	340.0	8859	-257.4	1711.9	340.0	8860	-257.4	1765.6	340.0
8861	-306.1	1819.2	340.0	8862	-356.6	1819.2	340.0	8863	-306.1	1711.9	340.0
8864	-356.6	1711.9	340.0	8865	-306.1	1765.6	340.0	8866	-356.6	1765.6	340.0
8867	-208.6	1819.2	340.0	8868	-208.6	1711.9	340.0	8869	-208.6	1765.6	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
8870	-62.2	1819.2	340.0	8871	-62.2	1711.9	340.0	8872	-62.2	1765.6	340.0
8873	-111.0	1819.2	340.0	8874	-159.8	1819.2	340.0	8875	-111.0	1711.9	340.0
8876	-159.8	1711.9	340.0	8877	-111.0	1765.6	340.0	8878	-159.8	1765.6	340.0
8879	-10.4	1819.2	340.0	8880	-10.4	1711.9	340.0	8881	-10.4	1765.6	340.0
8882	241.4	1819.2	340.0	8883	241.4	1711.9	340.0	8884	241.4	1765.6	340.0
8885	192.0	1819.2	340.0	8886	142.6	1819.2	340.0	8887	93.1	1819.2	340.0
8888	41.4	1819.2	340.0	8889	192.0	1711.9	340.0	8890	142.6	1711.9	340.0
8891	93.1	1711.9	340.0	8892	41.4	1711.9	340.0	8893	192.0	1765.6	340.0
8894	142.6	1765.6	340.0	8895	93.1	1765.6	340.0	8896	41.4	1765.6	340.0
8897	389.7	1819.2	340.0	8898	389.7	1765.6	340.0	8899	389.7	1711.9	340.0
8900	290.8	1819.2	340.0	8901	340.3	1819.2	340.0	8902	290.8	1711.9	340.0
8903	340.3	1711.9	340.0	8904	290.8	1765.6	340.0	8905	340.3	1765.6	340.0
8906	695.8	1819.2	340.0	8907	1773.5	1950.1	340.0	8908	695.8	1765.6	340.0
8909	646.4	1819.2	340.0	8910	597.0	1819.2	340.0	8911	547.5	1819.2	340.0
8912	498.1	1819.2	340.0	8913	422.8	1819.2	340.0	8914	1000.0	1799.1	340.0
8915	1520.8	1870.2	340.0	8916	389.7	1681.9	340.0	8917	93.1	1592.4	340.0
8918	422.8	1711.9	340.0	8919	646.4	1765.6	340.0	8920	597.0	1765.6	340.0
8921	547.5	1765.6	340.0	8922	498.1	1765.6	340.0	8923	422.8	1765.6	340.0
8924	728.9	1819.2	340.0	8925	241.4	1651.5	340.0	8926	41.4	1582.9	340.0
8927	811.4	1819.2	340.0	8928	811.4	1731.7	340.0	8929	142.6	1632.5	340.0
8930	770.1	1819.2	340.0	8931	695.8	1739.7	340.0	8932	93.1	1623.0	340.0
8933	1000.0	1819.2	340.0	8934	1000.0	1711.9	340.0	8935	-111.0	1582.2	340.0
8936	952.9	1819.2	340.0	8937	905.7	1819.2	340.0	8938	858.5	1819.2	340.0
8939	952.9	1711.9	340.0	8940	905.7	1711.9	340.0	8941	858.5	1711.9	340.0
8942	1474.8	1861.2	340.0	8943	241.4	1621.0	340.0	8944	389.7	1651.3	340.0
8945	-356.6	1534.3	340.0	8946	1075.4	1711.9	340.0	8947	1075.4	1783.2	340.0
8948	-208.6	1561.8	340.0	8949	1037.7	1711.9	340.0	8950	858.5	1771.5	340.0
8951	-306.1	1544.2	340.0	8952	1107.2	1711.9	340.0	8953	1107.2	1765.6	340.0
8954	-460.6	1514.0	340.0	8955	1140.5	1711.9	340.0	8956	1140.5	1765.6	340.0
8957	-407.1	1524.5	340.0	8958	1185.6	1711.9	340.0	8959	1185.6	1765.6	340.0
8960	-677.7	1471.7	340.0	8961	1283.3	1711.9	340.0	8962	1283.3	1765.6	340.0
8963	340.3	1641.2	340.0	8964	1234.5	1711.9	340.0	8965	1234.5	1765.6	340.0
8966	1383.0	1843.3	340.0	8967	1383.0	1711.9	340.0	8968	1383.0	1765.6	340.0
8969	-621.1	1482.7	340.0	8970	1333.2	1711.9	340.0	8971	1333.2	1765.6	340.0
8972	1520.8	1819.2	340.0	8973	1520.8	1711.9	340.0	8974	1520.8	1765.6	340.0
8975	1474.8	1819.2	340.0	8976	1428.9	1819.2	340.0	8977	1474.8	1711.9	340.0
8978	1428.9	1711.9	340.0	8979	1474.8	1765.6	340.0	8980	1428.9	1765.6	340.0
8981	1643.2	1819.2	340.0	8982	1643.2	1711.9	340.0	8983	1643.2	1765.6	340.0
8984	1582.0	1819.2	340.0	8985	1582.0	1711.9	340.0	8986	1582.0	1765.6	340.0
8987	1690.3	1819.2	340.0	8988	1690.3	1711.9	340.0	8989	1690.3	1765.6	340.0
8990	1721.3	1819.2	340.0	8991	1721.3	1711.9	340.0	8992	1721.3	1765.6	340.0
8993	1825.7	1819.2	340.0	8994	1825.7	1711.9	340.0	8995	1825.7	1765.6	340.0
8996	1773.5	1819.2	340.0	8997	1773.5	1711.9	340.0	8998	1773.5	1765.6	340.0
8999	2005.4	1819.2	340.0	9000	2005.4	1711.9	340.0	9001	2005.4	1765.6	340.0
9002	1960.5	1819.2	340.0	9003	1915.5	1819.2	340.0	9004	1870.6	1819.2	340.0
9005	1960.5	1711.9	340.0	9006	1915.5	1711.9	340.0	9007	1870.6	1711.9	340.0
9008	1960.5	1765.6	340.0	9009	1915.5	1765.6	340.0	9010	1870.6	1765.6	340.0
9011	2074.8	1819.2	340.0	9012	2074.8	1711.9	340.0	9013	2074.8	1765.6	340.0
9014	2163.1	1819.2	340.0	9015	2163.1	1711.9	340.0	9016	2163.1	1765.6	340.0
9017	2119.0	1819.2	340.0	9018	2119.0	1711.9	340.0	9019	2119.0	1765.6	340.0
9020	2211.0	1819.2	340.0	9021	2211.0	1711.9	340.0	9022	2211.0	1765.6	340.0
9023	2270.1	1819.2	340.0	9024	2270.1	1711.9	340.0	9025	2270.1	1765.6	340.0
9026	2355.0	1819.2	340.0	9027	2355.0	1711.9	340.0	9028	2355.0	1765.6	340.0
9029	2312.6	1819.2	340.0	9030	2312.6	1711.9	340.0	9031	2312.6	1765.6	340.0
9032	2428.9	1819.2	340.0	9033	2428.9	1711.9	340.0	9034	2428.9	1765.6	340.0
9035	2392.0	1819.2	340.0	9036	2392.0	1711.9	340.0	9037	2392.0	1765.6	340.0
9038	2490.2	1819.2	340.0	9039	2490.2	1711.9	340.0	9040	2490.2	1765.6	340.0
9041	2545.9	1819.2	340.0	9042	2545.9	1711.9	340.0	9043	2545.9	1765.6	340.0
9044	2572.1	1819.2	340.0	9045	2572.1	1711.9	340.0	9046	2572.1	1765.6	340.0
9047	1960.5	1956.0	340.0	9048	1825.9	2925.1	340.0	9049	2032.8	2571.8	340.0
9050	1855.5	2874.6	340.0	9051	1885.1	2824.0	340.0	9052	1796.3	2975.7	340.0
9053	2121.1	2421.0	340.0	9054	2003.3	2622.2	340.0	9055	2736.9	287.5	1095.0
9056	2611.9	1927.8	340.0	9057	1283.3	2915.0	340.0	9058	2695.6	1510.9	340.0
9059	1520.8	3110.6	340.0	9060	2736.9	332.6	1095.0	9061	1973.8	2672.6	340.0
9062	1667.1	3196.4	340.0	9063	1944.3	2722.9	340.0	9064	1914.7	2773.5	340.0
9065	-1269.0	674.6	-80.0	9066	2062.3	2521.4	340.0	9067	1333.2	2763.4	340.0
9068	1333.2	2813.9	340.0	9069	1738.6	3074.3	340.0	9070	2210.0	2269.2	340.0
9071	2644.5	1765.6	340.0	9072	2572.1	1873.5	340.0	9073	2572.1	1927.8	340.0
9074	2545.9	1982.0	340.0	9075	2545.9	1873.5	340.0	9076	2545.9	1927.8	340.0
9077	2490.2	1982.0	340.0	9078	2490.2	1873.5	340.0	9079	2490.2	1927.8	340.0
9080	2428.9	1982.0	340.0	9081	2428.9	1873.5	340.0	9082	2428.9	1927.8	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
9083	2355.0	1982.0	340.0	9084	2355.0	1873.5	340.0	9085	2355.0	1927.8	340.0
9086	2390.6	1989.0	340.0	9087	2392.0	1927.8	340.0	9088	2392.0	1873.5	340.0
9089	2270.1	1982.0	340.0	9090	2270.1	1873.5	340.0	9091	2270.1	1927.8	340.0
9092	2312.6	1982.0	340.0	9093	2312.6	1927.8	340.0	9094	2312.6	1873.5	340.0
9095	2211.0	1982.0	340.0	9096	2211.0	1927.8	340.0	9097	2211.0	1873.5	340.0
9098	2163.1	1995.5	340.0	9099	2163.1	1873.5	340.0	9100	2163.1	1927.8	340.0
9101	422.8	1691.5	340.0	9102	2074.8	1873.5	340.0	9103	2074.8	1927.8	340.0
9104	695.8	1709.2	340.0	9105	2119.0	1927.8	340.0	9106	2119.0	1873.5	340.0
9107	-871.2	1433.9	340.0	9108	2005.4	1927.8	340.0	9109	2005.4	1873.5	340.0
9110	646.4	1699.5	340.0	9111	1825.7	1873.5	340.0	9112	-1461.7	1318.6	340.0
9113	597.0	1689.9	340.0	9114	547.5	1680.2	340.0	9115	-921.8	1424.0	340.0
9116	1773.5	1919.5	340.0	9117	1870.6	1873.5	340.0	9118	1915.5	1947.2	340.0
9119	1915.5	1873.5	340.0	9120	1960.5	1927.8	340.0	9121	1960.5	1873.5	340.0
9122	1721.3	1982.0	340.0	9123	1721.3	1873.5	340.0	9124	-1269.0	1356.3	340.0
9125	1773.5	1982.0	340.0	9126	422.8	1660.9	340.0	9127	1773.5	1873.5	340.0
9128	1690.3	1982.0	340.0	9129	1690.3	1873.5	340.0	9130	-1317.2	1346.8	340.0
9131	646.4	377.7	773.8	9132	498.1	197.2	697.4	9133	547.5	197.2	697.4
9134	597.0	197.2	697.4	9135	-621.1	-15.0	340.0	9136	-567.6	-15.0	340.0
9137	-514.1	-15.0	340.0	9138	-460.6	-15.0	340.0	9139	646.4	197.2	718.0
9140	498.1	197.2	718.0	9141	547.5	197.2	718.0	9142	597.0	197.2	718.0
9143	646.4	197.2	961.3	9144	728.9	-15.0	340.0	9145	2005.4	1464.8	718.0
9146	1960.5	1510.9	718.0	9147	1915.5	1510.9	718.0	9148	1870.6	1510.9	718.0
9149	1960.5	1418.7	718.0	9150	1915.5	1418.7	718.0	9151	1870.6	1418.7	718.0
9152	1960.5	1464.8	718.0	9153	1915.5	1464.8	718.0	9154	1870.6	1464.8	718.0
9155	2074.8	1510.9	718.0	9156	2074.8	1418.7	718.0	9157	2074.8	1464.8	718.0
9158	2163.1	1510.9	718.0	9159	-734.3	-15.0	340.0	9160	-677.7	-15.0	340.0
9161	-767.4	-15.0	340.0	9162	-163.4	1541.5	718.0	9163	1185.6	1804.8	718.0
9164	1825.7	1929.7	718.0	9165	-839.1	19.5	718.0	9166	-1558.7	1247.6	718.0
9167	-1543.5	1221.7	718.0	9168	646.4	377.7	820.6	9169	1960.5	1658.2	718.0
9170	2611.9	1927.8	718.0	9171	2163.1	1616.5	718.0	9172	695.8	2157.4	340.0
9173	770.1	2259.1	340.0	9174	-1147.7	546.1	718.0	9175	-827.7	0.0	697.4
9176	-818.9	-15.0	718.0	9177	770.1	2208.3	340.0	9178	811.4	-15.0	340.0
9179	770.1	-15.0	340.0	9180	1000.0	-15.0	340.0	9181	858.5	-15.0	340.0
9182	905.7	-15.0	340.0	9183	952.9	-15.0	340.0	9184	1075.4	-15.0	340.0
9185	1037.7	-15.0	340.0	9186	-1317.2	674.6	-80.0	9187	2270.1	1203.9	1095.0
9188	-1365.3	674.6	-80.0	9189	-1413.5	674.6	-80.0	9190	-1172.7	755.8	-80.0
9191	-1220.8	755.8	-80.0	9193	-1317.2	755.8	-80.0	9194	-1365.3	755.8	-80.0
9195	2355.0	1203.9	1095.0	9196	-1413.5	755.8	-80.0	9197	-1476.6	755.8	-80.0
9198	-1172.7	791.2	-80.0	9199	-1220.8	791.2	-80.0	9200	-1291.3	791.2	-80.0
9201	-1317.2	791.2	-80.0	9202	-1365.3	791.2	-80.0	9203	2312.6	1203.9	1095.0
9204	-1413.5	791.2	-80.0	9205	-1461.7	791.2	-80.0	9206	-1172.7	822.3	-80.0
9207	-1220.8	822.3	-80.0	9208	-1269.0	822.3	-80.0	9209	-1309.5	822.3	-80.0
9210	-1365.3	822.3	-80.0	9211	2428.9	1203.9	1095.0	9212	-1413.5	822.3	-80.0
9213	-1461.7	822.3	-80.0	9214	-1464.5	19.5	-80.0	9215	1721.3	2461.0	340.0
9216	-1505.1	1156.2	-80.0	9217	-1509.9	1108.5	-80.0	9218	-1509.9	1060.8	-80.0
9219	-1509.9	1013.1	-80.0	9220	2392.0	1203.9	1095.0	9221	-1518.7	965.4	-80.0
9222	1721.3	2360.9	340.0	9223	1721.3	2055.6	340.0	9224	1825.7	2055.6	340.0
9225	1825.7	2360.9	340.0	9226	1721.3	2310.0	340.0	9227	1721.3	2259.1	340.0
9228	1721.3	2208.3	340.0	9229	1721.3	2157.4	340.0	9230	1721.3	2106.5	340.0
9231	1773.5	2055.6	340.0	9232	1825.7	2106.5	340.0	9233	1825.7	2157.4	340.0
9234	1825.7	2208.3	340.0	9235	1825.7	2259.1	340.0	9236	1825.7	2310.0	340.0
9237	1773.5	2360.9	340.0	9238	1773.5	2106.5	340.0	9239	1773.5	2157.4	340.0
9240	1773.5	2208.3	340.0	9241	1773.5	2259.1	340.0	9242	1773.5	2310.0	340.0
9243	2005.4	2055.6	340.0	9244	2005.4	2360.9	340.0	9245	1870.6	2055.6	340.0
9246	1915.5	2055.6	340.0	9247	1960.5	2055.6	340.0	9248	2005.4	2106.5	340.0
9249	2005.4	2157.4	340.0	9250	2005.4	2208.3	340.0	9251	2005.4	2259.1	340.0
9252	2005.4	2310.0	340.0	9253	1960.5	2360.9	340.0	9254	1915.5	2360.9	340.0
9255	1870.6	2360.9	340.0	9256	1960.5	2106.5	340.0	9257	1915.5	2106.5	340.0
9258	1870.6	2106.5	340.0	9259	1960.5	2157.4	340.0	9260	1915.5	2157.4	340.0
9261	1870.6	2157.4	340.0	9262	1960.5	2208.3	340.0	9263	1915.5	2208.3	340.0
9264	1870.6	2208.3	340.0	9265	1960.5	2259.1	340.0	9266	1915.5	2259.1	340.0
9267	1870.6	2259.1	340.0	9268	1960.5	2310.0	340.0	9269	1915.5	2310.0	340.0
9270	1870.6	2310.0	340.0	9271	1721.3	2024.4	340.0	9272	1825.7	2024.4	340.0
9273	1773.5	2024.4	340.0	9274	1721.3	2000.6	340.0	9275	1825.7	2000.6	340.0
9276	1773.5	2000.6	340.0	9277	-1124.5	1384.5	340.0	9278	1960.5	1986.6	340.0
9279	1915.5	2000.6	340.0	9280	1870.6	2000.6	340.0	9281	2005.4	2024.4	340.0
9282	1870.6	2024.4	340.0	9283	1915.5	2024.4	340.0	9284	1960.5	2024.4	340.0
9285	597.0	2461.0	340.0	9286	389.7	2208.3	340.0	9287	497.9	2511.3	340.0
9288	646.4	2208.3	340.0	9289	-407.1	1873.5	340.0	9290	-407.1	1927.8	340.0
9291	646.4	2157.4	340.0	9292	-1378.3	53.0	-80.0	9293	547.5	2461.0	340.0
9294	-460.6	1873.5	340.0	9295	-514.1	1873.5	340.0	9296	-567.6	1887.1	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
9297	-1422.2	56.6	-80.0	9298	422.8	2208.3	340.0	9299	-1073.8	1590.5	340.0
9300	1107.2	2410.9	340.0	9301	1140.5	2461.0	340.0	9302	1140.5	2410.9	340.0
9303	498.1	2461.0	340.0	9304	597.0	2259.1	340.0	9305	1185.6	2461.0	340.0
9306	1185.6	2914.3	340.0	9307	1185.6	2410.9	340.0	9308	-1317.2	1448.0	340.0
9309	-159.8	2106.5	340.0	9310	1283.3	2461.0	340.0	9311	1283.3	2410.9	340.0
9312	1075.4	2461.0	340.0	9313	1075.4	2410.9	340.0	9314	422.8	2157.4	340.0
9315	-257.4	1982.0	340.0	9316	-257.4	1873.5	340.0	9317	-257.4	1927.8	340.0
9318	-306.1	1982.0	340.0	9319	-356.6	1982.0	340.0	9320	-306.1	1873.5	340.0
9321	-356.6	1873.5	340.0	9322	-306.1	1927.8	340.0	9323	-356.6	1927.8	340.0
9324	-208.6	1982.0	340.0	9325	-208.6	1873.5	340.0	9326	-208.6	1927.8	340.0
9327	-62.2	1982.0	340.0	9328	-62.2	1873.5	340.0	9329	-62.2	1927.8	340.0
9330	-111.0	1982.0	340.0	9331	-159.8	1982.0	340.0	9332	-111.0	1873.5	340.0
9333	-159.8	1873.5	340.0	9334	-111.0	1927.8	340.0	9335	-159.8	1927.8	340.0
9336	-10.4	1982.0	340.0	9337	-10.4	1873.5	340.0	9338	-10.4	1927.8	340.0
9339	241.4	1982.0	340.0	9340	241.4	1873.5	340.0	9341	241.4	1927.8	340.0
9342	192.0	1982.0	340.0	9343	142.6	1982.0	340.0	9344	93.1	1982.0	340.0
9345	41.4	1982.0	340.0	9346	192.0	1873.5	340.0	9347	142.6	1873.5	340.0
9348	93.1	1873.5	340.0	9349	41.4	1873.5	340.0	9350	192.0	1927.8	340.0
9351	142.6	1927.8	340.0	9352	93.1	1927.8	340.0	9353	41.4	1927.8	340.0
9354	389.7	1982.0	340.0	9355	389.7	1873.5	340.0	9356	389.7	1927.8	340.0
9357	340.3	1982.0	340.0	9358	290.8	1982.0	340.0	9359	340.3	1873.5	340.0
9360	290.8	1873.5	340.0	9361	340.3	1927.8	340.0	9362	290.8	1927.8	340.0
9363	695.8	1982.0	340.0	9364	695.8	1873.5	340.0	9365	695.8	1927.8	340.0
9366	646.4	1982.0	340.0	9367	597.0	1982.0	340.0	9368	547.5	1982.0	340.0
9369	498.1	1982.0	340.0	9370	422.8	1982.0	340.0	9371	646.4	1873.5	340.0
9372	597.0	1873.5	340.0	9373	547.5	1873.5	340.0	9374	498.1	1873.5	340.0
9375	422.8	1873.5	340.0	9376	646.4	1927.8	340.0	9377	597.0	1927.8	340.0
9378	547.5	1927.8	340.0	9379	498.1	1927.8	340.0	9380	422.8	1927.8	340.0
9381	728.9	1982.0	340.0	9382	728.9	1873.5	340.0	9383	728.9	1927.8	340.0
9384	811.4	1982.0	340.0	9385	811.4	1873.5	340.0	9386	811.4	1927.8	340.0
9387	770.1	1982.0	340.0	9388	770.1	1873.5	340.0	9389	770.1	1927.8	340.0
9390	1000.0	1982.0	340.0	9391	1000.0	1873.5	340.0	9392	1000.0	1927.8	340.0
9393	952.9	1982.0	340.0	9394	905.7	1982.0	340.0	9395	858.5	1982.0	340.0
9396	952.9	1873.5	340.0	9397	905.7	1873.5	340.0	9398	858.5	1873.5	340.0
9399	952.9	1927.8	340.0	9400	905.7	1927.8	340.0	9401	858.5	1927.8	340.0
9402	1075.4	1982.0	340.0	9403	1075.4	1873.5	340.0	9404	1075.4	1927.8	340.0
9405	1037.7	1982.0	340.0	9406	1037.7	1873.5	340.0	9407	1037.7	1927.8	340.0
9408	1107.2	1982.0	340.0	9409	1107.2	1873.5	340.0	9410	1107.2	1927.8	340.0
9411	1140.5	1982.0	340.0	9412	1140.5	1873.5	340.0	9413	1140.5	1927.8	340.0
9414	1185.6	1982.0	340.0	9415	1185.6	1873.5	340.0	9416	1185.6	1927.8	340.0
9417	1283.3	1982.0	340.0	9418	340.3	1671.8	340.0	9419	1283.3	1927.8	340.0
9420	1234.5	1982.0	340.0	9421	1234.5	1873.5	340.0	9422	1234.5	1927.8	340.0
9423	1383.0	1982.0	340.0	9424	728.9	1715.6	340.0	9425	1383.0	1927.8	340.0
9426	1333.2	1982.0	340.0	9427	1721.3	1909.3	340.0	9428	1333.2	1927.8	340.0
9429	1520.8	1982.0	340.0	9430	1000.0	1464.8	718.0	9431	1520.8	1927.8	340.0
9432	1474.8	1982.0	340.0	9433	1428.9	1982.0	340.0	9434	770.1	1723.7	340.0
9435	-159.8	1572.0	340.0	9436	1474.8	1927.8	340.0	9437	1428.9	1927.8	340.0
9438	1643.2	1982.0	340.0	9439	1643.2	1894.1	340.0	9440	-1172.7	1375.1	340.0
9441	1582.0	1982.0	340.0	9442	2270.1	2047.0	340.0	9443	952.9	1759.3	340.0
9444	2222.6	2208.3	340.0	9445	-1567.1	152.8	-80.0	9446	1333.2	3000.7	340.0
9447	1037.7	2461.0	340.0	9448	448.7	2482.5	340.0	9449	646.4	2410.9	340.0
9450	389.7	2259.1	340.0	9451	-1466.0	60.3	-80.0	9452	597.0	2410.9	340.0
9453	547.5	2410.9	340.0	9454	-257.4	2000.6	340.0	9455	-306.1	2000.6	340.0
9456	-356.6	2010.7	340.0	9457	-208.6	2000.6	340.0	9458	-62.2	2000.6	340.0
9459	-111.0	2000.6	340.0	9460	-159.8	2000.6	340.0	9461	-10.4	2000.6	340.0
9462	241.4	2000.6	340.0	9463	192.0	2000.6	340.0	9464	142.6	2000.6	340.0
9465	93.1	2000.6	340.0	9466	41.4	2000.6	340.0	9467	389.7	2000.6	340.0
9468	340.3	2000.6	340.0	9469	290.8	2000.6	340.0	9470	695.8	2000.6	340.0
9471	646.4	2000.6	340.0	9472	597.0	2000.6	340.0	9473	547.5	2000.6	340.0
9474	498.1	2000.6	340.0	9475	422.8	2000.6	340.0	9476	728.9	2000.6	340.0
9477	811.4	2000.6	340.0	9478	770.1	2000.6	340.0	9479	1000.0	2000.6	340.0
9480	952.9	2000.6	340.0	9481	905.7	2000.6	340.0	9482	858.5	2000.6	340.0
9483	1075.4	2000.6	340.0	9484	1037.7	2000.6	340.0	9485	1107.2	2000.6	340.0
9486	1140.5	2000.6	340.0	9487	1185.6	2000.6	340.0	9488	1283.3	2000.6	340.0
9489	1234.5	2000.6	340.0	9490	1383.0	2000.6	340.0	9491	1333.2	2000.6	340.0
9492	1520.8	2000.6	340.0	9493	1474.8	2000.6	340.0	9494	1428.9	2000.6	340.0
9495	1643.2	2000.6	340.0	9496	1582.0	2000.6	340.0	9497	1690.3	2000.6	340.0
9498	-972.5	1414.1	340.0	9499	2211.0	2004.9	340.0	9500	905.7	1750.1	340.0
9501	2349.0	2031.8	340.0	9502	858.5	1740.9	340.0	9503	2365.1	2004.4	340.0
9504	2312.6	2000.6	340.0	9505	2428.9	1996.5	340.0	9506	2428.9	2016.8	340.0
9507	2490.2	2008.4	340.0	9508	2545.9	2000.6	340.0	9509	2576.7	2000.6	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
9510	2239.8	2218.3	340.0	9511	1766.7	3026.2	340.0	9512	2150.4	2371.0	340.0
9513	2269.6	2167.5	340.0	9514	1234.5	2942.9	340.0	9515	-1399.5	101.8	-80.0
9516	1690.3	2864.5	340.0	9517	1037.7	2410.9	340.0	9518	498.1	2410.9	340.0
9519	422.8	2410.9	340.0	9520	-1445.7	1372.7	340.0	9521	597.0	2569.4	340.0
9522	728.9	2461.0	340.0	9523	728.9	2410.9	340.0	9524	-257.4	2024.4	340.0
9525	-306.1	2040.3	340.0	9526	646.4	2106.5	340.0	9527	-208.6	2024.4	340.0
9528	-62.2	2024.4	340.0	9529	-111.0	2024.4	340.0	9530	-159.8	2024.4	340.0
9531	-10.4	2024.4	340.0	9532	241.4	2024.4	340.0	9533	192.0	2024.4	340.0
9534	142.6	2024.4	340.0	9535	93.1	2024.4	340.0	9536	41.4	2024.4	340.0
9537	389.7	2024.4	340.0	9538	340.3	2024.4	340.0	9539	290.8	2024.4	340.0
9540	695.8	2024.4	340.0	9541	646.4	2024.4	340.0	9542	597.0	2024.4	340.0
9543	547.5	2024.4	340.0	9544	498.1	2024.4	340.0	9545	422.8	2024.4	340.0
9546	728.9	2024.4	340.0	9547	811.4	2024.4	340.0	9548	770.1	2024.4	340.0
9549	1000.0	2024.4	340.0	9550	952.9	2024.4	340.0	9551	905.7	2024.4	340.0
9552	858.5	2024.4	340.0	9553	1075.4	2024.4	340.0	9554	1037.7	2024.4	340.0
9555	811.4	2461.0	340.0	9556	-1454.7	105.1	-80.0	9557	811.4	2410.9	340.0
9558	770.1	2461.0	340.0	9559	770.1	2410.9	340.0	9560	1107.2	2813.9	340.0
9561	498.1	2360.9	340.0	9562	-1475.3	1355.3	340.0	9563	-208.6	2055.6	340.0
9564	-62.2	2055.6	340.0	9565	-111.0	2055.6	340.0	9566	-159.8	2055.6	340.0
9567	-10.4	2055.6	340.0	9568	241.4	2055.6	340.0	9569	192.0	2055.6	340.0
9570	142.6	2055.6	340.0	9571	93.1	2055.6	340.0	9572	41.4	2055.6	340.0
9573	389.7	2055.6	340.0	9574	340.3	2055.6	340.0	9575	290.8	2055.6	340.0
9576	695.8	2055.6	340.0	9577	646.4	2055.6	340.0	9578	597.0	2055.6	340.0
9579	547.5	2055.6	340.0	9580	498.1	2055.6	340.0	9581	422.8	2055.6	340.0
9582	728.9	2055.6	340.0	9583	811.4	2055.6	340.0	9584	770.1	2055.6	340.0
9585	1000.0	2055.6	340.0	9586	952.9	2055.6	340.0	9587	905.7	2055.6	340.0
9588	858.5	2055.6	340.0	9589	1075.4	2055.6	340.0	9590	1037.7	2055.6	340.0
9591	1107.2	2024.4	340.0	9592	1107.2	2055.6	340.0	9593	1185.6	2024.4	340.0
9594	1185.6	2055.6	340.0	9595	1140.5	2024.4	340.0	9596	1140.5	2055.6	340.0
9597	1643.2	2055.6	340.0	9598	1690.3	2055.6	340.0	9599	1690.3	2024.4	340.0
9600	1643.2	2024.4	340.0	9601	1520.8	2024.4	340.0	9602	1520.8	2055.6	340.0
9603	1582.0	2024.4	340.0	9604	1582.0	2055.6	340.0	9605	1383.0	2024.4	340.0
9606	1428.9	2024.4	340.0	9607	1474.8	2024.4	340.0	9608	1283.3	2024.4	340.0
9609	1333.2	2024.4	340.0	9610	1234.5	2024.4	340.0	9611	1283.3	2055.6	340.0
9612	1234.5	2055.6	340.0	9613	1383.0	2055.6	340.0	9614	1333.2	2055.6	340.0
9615	1474.8	2055.6	340.0	9616	1428.9	2055.6	340.0	9617	2074.8	2055.6	340.0
9618	2163.1	2055.6	340.0	9619	1000.0	1768.5	340.0	9620	1185.6	2763.4	340.0
9621	2714.1	1418.7	340.0	9622	1707.5	3127.3	340.0	9623	2751.9	1230.7	340.0
9624	2490.2	2028.8	340.0	9625	1140.5	2763.4	340.0	9626	2545.9	2039.7	340.0
9627	2103.9	2410.9	340.0	9628	2572.1	2024.4	340.0	9629	2572.1	2044.8	340.0
9630	1986.1	2612.1	340.0	9631	2748.5	1247.6	340.0	9632	2490.2	1203.9	1095.0
9633	547.5	2208.3	340.0	9634	1383.0	2763.4	340.0	9635	-1567.1	623.2	-80.0
9636	2119.0	1986.9	340.0	9637	2328.3	2027.8	340.0	9638	-1509.9	1309.2	340.0
9639	2211.0	2055.6	340.0	9640	1333.2	1833.6	340.0	9641	2119.0	2017.5	340.0
9642	2119.0	2055.6	340.0	9643	1582.0	3016.1	340.0	9644	1582.0	3066.7	340.0
9645	1582.0	1882.1	340.0	9646	1520.8	2813.9	340.0	9647	2392.0	2009.6	340.0
9648	2751.9	1203.9	340.0	9649	2074.8	2360.9	340.0	9650	2074.8	2106.5	340.0
9651	2074.8	2157.4	340.0	9652	2074.8	2208.3	340.0	9653	2074.8	2259.1	340.0
9654	2074.8	2310.0	340.0	9655	1749.5	3016.1	340.0	9656	2163.1	2106.5	340.0
9657	2163.1	2157.4	340.0	9658	2163.1	2208.3	340.0	9659	2163.1	2259.1	340.0
9660	-1172.7	870.0	-80.0	9661	1140.5	2813.9	340.0	9662	2119.0	2106.5	340.0
9663	2119.0	2157.4	340.0	9664	2119.0	2208.3	340.0	9665	2119.0	2259.1	340.0
9666	2119.0	2310.0	340.0	9667	2133.2	2360.9	340.0	9668	2211.0	2106.5	340.0
9669	2211.0	2157.4	340.0	9670	1520.8	2965.6	340.0	9671	1428.9	3016.1	340.0
9672	1721.3	2763.4	340.0	9673	1773.5	2813.9	340.0	9674	1520.8	2864.5	340.0
9675	-1220.8	870.0	-80.0	9676	2344.2	2000.6	340.0	9677	1721.3	2813.9	340.0
9678	1721.3	2864.5	340.0	9679	2252.4	2157.4	340.0	9680	1643.2	3117.2	340.0
9681	1643.2	2813.9	340.0	9682	1643.2	2864.5	340.0	9683	1825.7	2763.4	340.0
9684	1825.7	2813.9	340.0	9685	1474.8	3016.1	340.0	9686	1690.3	3117.2	340.0
9687	1474.8	2965.6	340.0	9688	1582.0	2965.6	340.0	9689	1721.3	2915.0	340.0
9690	1037.7	1775.9	340.0	9691	1520.8	2763.4	340.0	9692	1643.2	2915.0	340.0
9693	1643.2	2965.6	340.0	9694	1643.2	3016.1	340.0	9695	1107.2	1789.4	340.0
9696	1520.8	2915.0	340.0	9697	2282.2	2106.5	340.0	9698	1643.2	2763.4	340.0
9699	1643.2	3066.7	340.0	9700	1582.0	3117.2	340.0	9701	1956.6	2662.5	340.0
9702	1649.9	3186.3	340.0	9703	1474.8	2763.4	340.0	9704	2666.0	1658.2	340.0
9705	1582.0	2763.4	340.0	9706	1582.0	2813.9	340.0	9707	1927.1	2712.8	340.0
9708	1897.5	2763.4	340.0	9709	-1269.0	870.0	-80.0	9710	1582.0	3146.5	340.0
9711	2545.9	2019.3	340.0	9712	1582.0	2864.5	340.0	9713	2045.1	2511.3	340.0
9714	1075.4	2813.9	340.0	9715	-1337.4	870.0	-80.0	9716	1000.0	2461.0	340.0
9717	2587.8	2047.8	340.0	9718	1582.0	2915.0	340.0	9719	-1575.9	1296.4	340.0
9720	-804.5	1748.3	340.0	9721	1721.3	3064.3	340.0	9722	1107.2	2763.4	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
9723	1283.3	2763.4	340.0	9724	547.5	2360.9	340.0	9725	48.8	2248.2	340.0
9726	1000.0	2410.9	340.0	9727	-1365.3	870.0	-80.0	9728	1283.3	2813.9	340.0
9729	389.7	2310.0	340.0	9730	952.9	2461.0	340.0	9731	547.5	2540.4	340.0
9732	1690.3	2763.4	340.0	9733	146.4	2305.4	340.0	9734	2674.4	1616.5	340.0
9735	1234.5	2763.4	340.0	9736	1773.5	2864.5	340.0	9737	-1413.5	870.0	-80.0
9738	1690.3	2813.9	340.0	9739	1474.8	3083.7	340.0	9740	2592.5	2024.4	340.0
9741	2597.3	2000.6	340.0	9742	1808.7	2915.0	340.0	9743	2545.9	1203.9	1095.0
9744	195.1	2334.0	340.0	9745	1690.3	2360.9	340.0	9746	1690.3	2310.0	340.0
9747	1690.3	2259.1	340.0	9748	1690.3	2208.3	340.0	9749	1690.3	2157.4	340.0
9750	1690.3	2106.5	340.0	9751	1643.2	2360.9	340.0	9752	1643.2	2106.5	340.0
9753	1643.2	2157.4	340.0	9754	1643.2	2208.3	340.0	9755	1643.2	2259.1	340.0
9756	1643.2	2310.0	340.0	9757	1520.8	2360.9	340.0	9758	1520.8	2106.5	340.0
9759	1520.8	2157.4	340.0	9760	1520.8	2208.3	340.0	9761	1520.8	2259.1	340.0
9762	1520.8	2310.0	340.0	9763	1582.0	2360.9	340.0	9764	1582.0	2106.5	340.0
9765	1582.0	2157.4	340.0	9766	1582.0	2208.3	340.0	9767	1582.0	2259.1	340.0
9768	1582.0	2310.0	340.0	9769	1383.0	2360.9	340.0	9770	1383.0	2106.5	340.0
9771	1383.0	2157.4	340.0	9772	1383.0	2208.3	340.0	9773	1383.0	2259.1	340.0
9774	1383.0	2310.0	340.0	9775	1428.9	2360.9	340.0	9776	1474.8	2360.9	340.0
9777	1428.9	2310.0	340.0	9778	1428.9	2259.1	340.0	9779	1428.9	2208.3	340.0
9780	1428.9	2157.4	340.0	9781	1428.9	2106.5	340.0	9782	1474.8	2310.0	340.0
9783	1474.8	2259.1	340.0	9784	1474.8	2208.3	340.0	9785	1474.8	2157.4	340.0
9786	1474.8	2106.5	340.0	9787	1283.3	2360.9	340.0	9788	1283.3	2106.5	340.0
9789	1283.3	2157.4	340.0	9790	1283.3	2208.3	340.0	9791	1283.3	2259.1	340.0
9792	1283.3	2310.0	340.0	9793	1333.2	2360.9	340.0	9794	1333.2	2310.0	340.0
9795	1333.2	2259.1	340.0	9796	1333.2	2208.3	340.0	9797	1333.2	2157.4	340.0
9798	1333.2	2106.5	340.0	9799	1185.6	2360.9	340.0	9800	1185.6	2106.5	340.0
9801	1185.6	2157.4	340.0	9802	1185.6	2208.3	340.0	9803	1185.6	2259.1	340.0
9804	1185.6	2310.0	340.0	9805	1234.5	2360.9	340.0	9806	1234.5	2106.5	340.0
9807	1234.5	2157.4	340.0	9808	1234.5	2208.3	340.0	9809	1234.5	2259.1	340.0
9810	1234.5	2310.0	340.0	9811	1140.5	2360.9	340.0	9812	1140.5	2106.5	340.0
9813	1140.5	2157.4	340.0	9814	1140.5	2208.3	340.0	9815	1140.5	2259.1	340.0
9816	1140.5	2310.0	340.0	9817	1107.2	2360.9	340.0	9818	1107.2	2106.5	340.0
9819	1107.2	2157.4	340.0	9820	1107.2	2208.3	340.0	9821	1107.2	2259.1	340.0
9822	1107.2	2310.0	340.0	9823	1075.4	2360.9	340.0	9824	1075.4	2106.5	340.0
9825	1075.4	2157.4	340.0	9826	1075.4	2208.3	340.0	9827	1075.4	2259.1	340.0
9828	1075.4	2310.0	340.0	9829	1000.0	2360.9	340.0	9830	1000.0	2106.5	340.0
9831	1000.0	2157.4	340.0	9832	1000.0	2208.3	340.0	9833	1000.0	2259.1	340.0
9834	1000.0	2310.0	340.0	9835	1037.7	2360.9	340.0	9836	1037.7	2310.0	340.0
9837	1037.7	2259.1	340.0	9838	1037.7	2208.3	340.0	9839	1037.7	2157.4	340.0
9840	1037.7	2106.5	340.0	9841	811.4	2360.9	340.0	9842	811.4	2106.5	340.0
9843	811.4	2157.4	340.0	9844	811.4	2208.3	340.0	9845	811.4	2259.1	340.0
9846	811.4	2310.0	340.0	9847	858.5	2360.9	340.0	9848	905.7	2360.9	340.0
9849	952.9	2360.9	340.0	9850	1474.8	1891.8	340.0	9851	-1073.8	1363.8	340.0
9852	-1124.5	1353.9	340.0	9853	-871.2	1403.3	340.0	9854	-921.8	1393.4	340.0
9855	1140.5	1795.9	340.0	9856	-1023.2	1373.7	340.0	9857	1428.9	1852.2	340.0
9858	-1461.7	1288.1	340.0	9859	-1509.9	1278.7	340.0	9860	-1073.8	1394.3	340.0
9861	-1269.0	1325.7	340.0	9862	-1317.2	1316.3	340.0	9863	-1365.3	1306.9	340.0
9864	-1413.5	1297.5	340.0	9865	-1172.7	1344.5	340.0	9866	1185.6	1804.8	340.0
9867	1690.3	1903.3	340.0	9868	-804.5	1416.3	340.0	9869	1185.6	1835.3	340.0
9870	1234.5	1814.3	340.0	9871	1283.3	1823.8	340.0	9872	-621.1	1452.1	340.0
9873	-677.7	1441.1	340.0	9874	2074.8	1978.3	340.0	9875	-567.6	1462.6	340.0
9876	-407.1	1493.9	340.0	9877	-460.6	1483.5	340.0	9878	2005.4	1964.7	340.0
9879	1037.7	1806.5	340.0	9880	-356.6	1503.8	340.0	9881	1870.6	1938.4	340.0
9882	-306.1	1513.6	340.0	9883	-208.6	1531.3	340.0	9884	-62.2	1561.9	340.0
9885	-111.0	1551.7	340.0	9886	-159.8	1541.5	340.0	9887	1825.7	1929.7	340.0
9888	-839.1	19.5	340.0	9889	-1558.7	1247.6	340.0	9890	-1543.5	1221.7	340.0
9891	-1147.7	546.1	340.0	9892	-827.7	0.0	310.5	9893	-818.9	-15.0	340.0
9894	-621.1	377.7	718.0	9895	-621.1	197.2	718.0	9896	-407.1	197.2	718.0
9897	-407.1	377.7	718.0	9898	-621.1	332.6	718.0	9899	-621.1	287.5	718.0
9900	-621.1	242.3	718.0	9901	-567.6	197.2	718.0	9902	-514.1	197.2	718.0
9903	-460.6	197.2	718.0	9904	-407.1	242.3	718.0	9905	-407.1	287.5	718.0
9906	-407.1	332.6	718.0	9907	-460.6	377.7	718.0	9908	-514.1	377.7	718.0
9909	-567.6	377.7	718.0	9910	-460.6	242.3	718.0	9911	-514.1	242.3	718.0
9912	-567.6	242.3	718.0	9913	-460.6	287.5	718.0	9914	-514.1	287.5	718.0
9915	-567.6	287.5	718.0	9916	-460.6	332.6	718.0	9917	-514.1	332.6	718.0
9918	-567.6	332.6	718.0	9919	-621.1	509.1	718.0	9920	-407.1	509.1	718.0
9921	-621.1	465.3	718.0	9922	-621.1	421.5	718.0	9923	-407.1	421.5	718.0
9924	-407.1	465.3	718.0	9925	-460.6	509.1	718.0	9926	-514.1	509.1	718.0
9927	-567.6	509.1	718.0	9928	-460.6	421.5	718.0	9929	-514.1	421.5	718.0
9930	-567.6	421.5	718.0	9931	-460.6	465.3	718.0	9932	-514.1	465.3	718.0
9933	-567.6	465.3	718.0	9934	-257.4	377.7	718.0	9935	-257.4	509.1	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
9936	-356.6	377.7	718.0	9937	-306.1	377.7	718.0	9938	-257.4	421.5	718.0
9939	-257.4	465.3	718.0	9940	-306.1	509.1	718.0	9941	-356.6	509.1	718.0
9942	-306.1	421.5	718.0	9943	-356.6	421.5	718.0	9944	-306.1	465.3	718.0
9945	-356.6	465.3	718.0	9946	-22.9	287.5	543.8	9947	-356.6	197.2	718.0
9948	-306.1	197.2	718.0	9949	-66.9	287.5	514.8	9950	197.4	332.6	689.0
9951	153.3	332.6	659.9	9952	-306.1	242.3	718.0	9953	-356.6	242.3	718.0
9954	-306.1	287.5	718.0	9955	-356.6	287.5	718.0	9956	-306.1	332.6	718.0
9957	-356.6	332.6	718.0	9958	-407.1	0.0	697.4	9959	646.4	377.7	867.5
9960	-407.1	147.9	718.0	9961	-407.1	98.6	718.0	9962	-407.1	49.3	718.0
9963	646.4	377.7	914.4	9964	646.4	332.6	726.9	9965	109.3	332.6	630.9
9966	65.2	332.6	601.9	9967	21.2	332.6	572.8	9968	-306.1	49.3	718.0
9969	-356.6	49.3	718.0	9970	-306.1	98.6	718.0	9971	-356.6	98.6	718.0
9972	-306.1	147.9	718.0	9973	-356.6	147.9	718.0	9974	-208.6	377.7	718.0
9975	-208.6	509.1	718.0	9976	-208.6	421.5	718.0	9977	-208.6	465.3	718.0
9978	-621.1	0.0	697.4	9979	-621.1	147.9	718.0	9980	-621.1	98.6	718.0
9981	-621.1	49.3	718.0	9982	-567.6	0.0	697.4	9983	-514.1	0.0	697.4
9984	-460.6	0.0	697.4	9985	-460.6	49.3	718.0	9986	-514.1	49.3	718.0
9987	-567.6	49.3	718.0	9988	-460.6	98.6	718.0	9989	-514.1	98.6	718.0
9990	-567.6	98.6	718.0	9991	-460.6	147.9	718.0	9992	-514.1	147.9	718.0
9993	-567.6	147.9	718.0	9994	-62.2	377.7	718.0	9995	-62.2	509.1	718.0
9996	-159.8	377.7	718.0	9997	-111.0	377.7	718.0	9998	-62.2	421.5	718.0
9999	-62.2	465.3	718.0	10000	-111.0	509.1	718.0	10001	-159.8	509.1	718.0
10002	-111.0	421.5	718.0	10003	-159.8	421.5	718.0	10004	-111.0	465.3	718.0
10005	-159.8	465.3	718.0	10006	646.4	197.2	534.3	10007	547.5	197.2	388.6
10008	952.9	1510.9	718.0	10009	905.7	1510.9	718.0	10010	811.4	623.2	718.0
10011	547.5	197.2	437.1	10012	547.5	197.2	485.7	10013	1000.0	623.2	718.0
10014	811.4	584.7	718.0	10015	1000.0	584.7	718.0	10016	952.9	623.2	718.0
10017	905.7	623.2	718.0	10018	858.5	623.2	718.0	10019	952.9	584.7	718.0
10020	905.7	584.7	718.0	10021	858.5	584.7	718.0	10022	646.4	332.6	773.8
10023	646.4	332.6	820.6	10024	646.4	49.3	340.0	10025	695.8	98.6	340.0
10026	695.8	147.9	340.0	10027	646.4	332.6	867.5	10028	646.4	332.6	914.4
10029	695.8	19.5	340.0	10030	695.8	-15.0	340.0	10031	646.4	98.6	340.0
10032	646.4	147.9	340.0	10033	646.4	19.5	340.0	10034	646.4	-15.0	340.0
10035	646.4	0.0	340.0	10036	695.8	197.2	340.0	10037	695.8	242.3	340.0
10038	-10.4	377.7	718.0	10039	-10.4	509.1	718.0	10040	-10.4	421.5	718.0
10041	-10.4	465.3	718.0	10042	695.8	287.5	340.0	10043	1234.5	791.2	718.0
10044	1520.8	791.2	718.0	10045	1474.8	791.2	718.0	10046	-10.4	0.0	718.0
10047	695.8	332.6	340.0	10048	695.8	0.0	340.0	10049	695.8	49.3	340.0
10050	422.8	287.5	718.0	10051	241.4	509.1	718.0	10052	41.4	377.7	718.0
10053	93.1	377.7	718.0	10054	142.6	377.7	718.0	10055	192.0	377.7	718.0
10056	241.4	421.5	718.0	10057	241.4	465.3	718.0	10058	192.0	509.1	718.0
10059	142.6	509.1	718.0	10060	93.1	509.1	718.0	10061	41.4	509.1	718.0
10062	192.0	421.5	718.0	10063	142.6	421.5	718.0	10064	93.1	421.5	718.0
10065	41.4	421.5	718.0	10066	192.0	465.3	718.0	10067	142.6	465.3	718.0
10068	93.1	465.3	718.0	10069	41.4	465.3	718.0	10070	498.1	584.7	718.0
10071	422.8	584.7	718.0	10072	728.9	197.2	718.0	10073	728.9	242.3	718.0
10074	728.9	287.5	718.0	10075	728.9	332.6	718.0	10076	728.9	0.0	718.0
10077	728.9	49.3	718.0	10078	728.9	98.6	718.0	10079	728.9	147.9	718.0
10080	-621.1	623.2	718.0	10081	-621.1	546.1	718.0	10082	-407.1	546.1	718.0
10083	-407.1	623.2	718.0	10084	-621.1	584.7	718.0	10085	-567.6	546.1	718.0
10086	-514.1	546.1	718.0	10087	-460.6	546.1	718.0	10088	-407.1	584.7	718.0
10089	-460.6	623.2	718.0	10090	2163.1	1418.7	718.0	10091	2163.1	1464.8	718.0
10092	2119.0	1510.9	718.0	10093	2119.0	1418.7	718.0	10094	2119.0	1464.8	718.0
10095	-514.1	623.2	718.0	10096	-567.6	623.2	718.0	10097	-460.6	584.7	718.0
10098	-514.1	584.7	718.0	10099	-567.6	584.7	718.0	10100	-257.4	546.1	718.0
10101	-257.4	623.2	718.0	10102	-356.6	546.1	718.0	10103	-306.1	546.1	718.0
10104	-257.4	584.7	718.0	10105	-306.1	623.2	718.0	10106	-356.6	623.2	718.0
10107	-306.1	584.7	718.0	10108	-356.6	584.7	718.0	10109	-208.6	623.2	718.0
10110	389.7	377.7	718.0	10111	389.7	509.1	718.0	10112	290.8	377.7	718.0
10113	340.3	377.7	718.0	10114	389.7	421.5	718.0	10115	389.7	465.3	718.0
10116	340.3	509.1	718.0	10117	290.8	509.1	718.0	10118	340.3	421.5	718.0
10119	290.8	421.5	718.0	10120	340.3	465.3	718.0	10121	290.8	465.3	718.0
10122	-208.6	546.1	718.0	10123	-62.2	546.1	718.0	10124	-62.2	623.2	718.0
10125	-208.6	584.7	718.0	10126	-159.8	546.1	718.0	10127	-111.0	546.1	718.0
10128	-62.2	584.7	718.0	10129	-111.0	623.2	718.0	10130	-159.8	623.2	718.0
10131	-111.0	584.7	718.0	10132	-159.8	584.7	718.0	10133	-10.4	623.2	718.0
10134	2211.0	1510.9	718.0	10135	2211.0	1418.7	718.0	10136	2211.0	1464.8	718.0
10137	-10.4	546.1	718.0	10138	241.4	546.1	718.0	10139	241.4	623.2	718.0
10140	-10.4	584.7	718.0	10141	41.4	546.1	718.0	10142	93.1	546.1	718.0
10143	142.6	546.1	718.0	10144	192.0	546.1	718.0	10145	241.4	584.7	718.0
10146	695.8	377.7	718.0	10147	695.8	509.1	718.0	10148	422.8	377.7	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
10149	498.1	377.7	718.0	10150	547.5	377.7	718.0	10151	597.0	377.7	718.0
10152	646.4	377.7	718.0	10153	695.8	421.5	718.0	10154	695.8	465.3	718.0
10155	646.4	509.1	718.0	10156	597.0	509.1	718.0	10157	547.5	509.1	718.0
10158	498.1	509.1	718.0	10159	422.8	509.1	718.0	10160	646.4	421.5	718.0
10161	597.0	421.5	718.0	10162	547.5	421.5	718.0	10163	498.1	421.5	718.0
10164	422.8	421.5	718.0	10165	646.4	465.3	718.0	10166	597.0	465.3	718.0
10167	547.5	465.3	718.0	10168	498.1	465.3	718.0	10169	422.8	465.3	718.0
10170	728.9	377.7	718.0	10171	728.9	509.1	718.0	10172	728.9	421.5	718.0
10173	728.9	465.3	718.0	10174	192.0	623.2	718.0	10175	142.6	623.2	718.0
10176	93.1	623.2	718.0	10177	41.4	623.2	718.0	10178	192.0	584.7	718.0
10179	142.6	584.7	718.0	10180	93.1	584.7	718.0	10181	41.4	584.7	718.0
10182	389.7	546.1	718.0	10183	340.3	546.1	718.0	10184	290.8	546.1	718.0
10185	389.7	623.2	718.0	10186	389.7	584.7	718.0	10187	340.3	623.2	718.0
10188	290.8	623.2	718.0	10189	340.3	584.7	718.0	10190	290.8	584.7	718.0
10191	695.8	546.1	718.0	10192	695.8	623.2	718.0	10193	422.8	546.1	718.0
10194	2270.1	1510.9	718.0	10195	2270.1	1418.7	718.0	10196	2270.1	1464.8	718.0
10197	2355.0	1510.9	718.0	10198	2355.0	1418.7	718.0	10199	2355.0	1464.8	718.0
10200	498.1	546.1	718.0	10201	547.5	546.1	718.0	10202	597.0	546.1	718.0
10203	646.4	546.1	718.0	10204	695.8	584.7	718.0	10205	646.4	623.2	718.0
10206	597.0	623.2	718.0	10207	547.5	623.2	718.0	10208	498.1	623.2	718.0
10209	422.8	623.2	718.0	10210	646.4	584.7	718.0	10211	597.0	584.7	718.0
10212	547.5	584.7	718.0	10213	-734.3	197.2	718.0	10214	-734.3	0.0	697.4
10215	-734.3	147.9	718.0	10216	-734.3	98.6	718.0	10217	-734.3	49.3	718.0
10218	-677.7	0.0	697.4	10219	-677.7	197.2	718.0	10220	-677.7	49.3	718.0
10221	-677.7	98.6	718.0	10222	-677.7	147.9	718.0	10223	-767.4	0.0	697.4
10224	-767.4	197.2	718.0	10225	-767.4	49.3	718.0	10226	-767.4	98.6	718.0
10227	-767.4	147.9	718.0	10228	-734.3	377.7	718.0	10229	-734.3	332.6	718.0
10230	-734.3	287.5	718.0	10231	-734.3	242.3	718.0	10232	-677.7	377.7	718.0
10233	-677.7	242.3	718.0	10234	-677.7	287.5	718.0	10235	-677.7	332.6	718.0
10236	-734.3	509.1	718.0	10237	-734.3	465.3	718.0	10238	-734.3	421.5	718.0
10239	-677.7	509.1	718.0	10240	-677.7	421.5	718.0	10241	-677.7	465.3	718.0
10242	-734.3	546.1	718.0	10243	-677.7	546.1	718.0	10244	-734.3	623.2	718.0
10245	-734.3	584.7	718.0	10246	-677.7	623.2	718.0	10247	-677.7	584.7	718.0
10248	-1124.5	377.7	718.0	10249	-1124.5	197.2	718.0	10250	-871.2	197.2	718.0
10251	-871.2	377.7	718.0	10252	-1124.5	332.6	718.0	10253	-1124.5	287.5	718.0
10254	-1124.5	242.3	718.0	10255	-1073.8	197.2	718.0	10256	-1023.2	197.2	718.0
10257	-972.5	197.2	718.0	10258	-943.2	197.2	718.0	10259	-871.2	242.3	718.0
10260	-871.2	287.5	718.0	10261	-871.2	332.6	718.0	10262	-921.8	377.7	718.0
10263	-972.5	377.7	718.0	10264	-1049.0	377.7	718.0	10265	-1073.8	377.7	718.0
10266	-921.8	242.3	718.0	10267	-969.7	242.3	718.0	10268	-1023.2	242.3	718.0
10269	-1073.8	242.3	718.0	10270	-921.8	287.5	718.0	10271	-996.1	287.4	718.0
10272	-1023.2	287.5	718.0	10273	-1073.8	287.5	718.0	10274	-921.8	332.6	718.0
10275	-972.5	332.6	718.0	10276	-1022.6	332.6	718.0	10277	-1073.8	332.6	718.0
10278	-1124.5	0.0	697.4	10279	-871.2	0.0	697.4	10280	-1124.5	147.9	718.0
10281	-1124.5	98.6	718.0	10282	-1124.5	49.3	718.0	10283	-1073.8	0.0	697.4
10284	-1023.2	0.0	697.4	10285	-972.5	0.0	697.4	10286	-921.8	0.0	697.4
10287	-856.6	49.3	718.0	10288	-885.5	98.6	718.0	10289	-871.2	147.9	718.0
10290	-921.8	49.3	718.0	10291	-972.5	49.3	718.0	10292	-1023.2	49.3	718.0
10293	-1073.8	49.3	718.0	10294	-921.8	98.6	718.0	10295	-972.5	98.6	718.0
10296	-1023.2	98.6	718.0	10297	-1073.8	98.6	718.0	10298	-914.4	147.9	718.0
10299	-972.5	147.9	718.0	10300	-1023.2	147.9	718.0	10301	-1073.8	147.9	718.0
10302	-1124.5	506.6	718.0	10303	-871.2	509.1	718.0	10304	-1124.5	465.3	718.0
10305	-1124.5	421.5	718.0	10306	-871.2	421.5	718.0	10307	-871.2	465.3	718.0
10308	-921.8	509.1	718.0	10309	-972.5	509.1	718.0	10310	-1023.2	509.1	718.0
10311	-1073.8	509.1	718.0	10312	-921.8	421.5	718.0	10313	-972.5	421.5	718.0
10314	-1023.2	421.5	718.0	10315	-1073.8	420.1	718.0	10316	-921.8	465.3	718.0
10317	-972.5	465.3	718.0	10318	-1023.2	465.3	718.0	10319	-1100.3	465.3	718.0
10320	-804.5	377.7	718.0	10321	-804.5	509.1	718.0	10322	-804.5	421.5	718.0
10323	-804.5	465.3	718.0	10324	-767.4	377.7	718.0	10325	-767.4	509.1	718.0
10326	-767.4	421.5	718.0	10327	-767.4	465.3	718.0	10328	-804.5	197.2	718.0
10329	-804.5	242.3	718.0	10330	-804.5	287.5	718.0	10331	-804.5	332.6	718.0
10332	-804.5	0.0	697.4	10333	-804.5	49.3	718.0	10334	-804.5	98.6	718.0
10335	-804.5	147.9	718.0	10336	-767.4	242.3	718.0	10337	-767.4	287.5	718.0
10338	-767.4	332.6	718.0	10339	-1124.5	1203.9	718.0	10340	-1124.5	822.3	718.0
10341	-871.2	822.3	718.0	10342	-871.2	1203.9	718.0	10343	-1124.5	1156.2	718.0
10344	-1124.5	1108.5	718.0	10345	-1124.5	1060.8	718.0	10346	-1124.5	1013.1	718.0
10347	-1124.5	965.4	718.0	10348	-1124.5	917.7	718.0	10349	-1124.5	870.0	718.0
10350	-1073.8	822.3	718.0	10351	-1023.2	822.3	718.0	10352	-972.5	822.3	718.0
10353	-921.8	822.3	718.0	10354	-871.2	870.0	718.0	10355	-871.2	917.7	718.0
10356	-871.2	965.4	718.0	10357	-871.2	1013.1	718.0	10358	-871.2	1060.8	718.0
10359	-871.2	1108.5	718.0	10360	-871.2	1156.2	718.0	10361	-921.8	1203.9	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
10362	-972.5	1203.9	718.0	10363	-1023.2	1203.9	718.0	10364	-1073.8	1203.9	718.0
10365	-921.8	870.0	718.0	10366	-972.5	870.0	718.0	10367	-1023.2	870.0	718.0
10368	-1073.8	870.0	718.0	10369	-921.8	917.7	718.0	10370	-972.5	917.7	718.0
10371	-1023.2	917.7	718.0	10372	-1073.8	917.7	718.0	10373	-921.8	965.4	718.0
10374	-972.5	965.4	718.0	10375	-1023.2	965.4	718.0	10376	-1073.8	965.4	718.0
10377	-921.8	1013.1	718.0	10378	-972.5	1013.1	718.0	10379	-1023.2	1013.1	718.0
10380	-1073.8	1013.1	718.0	10381	-921.8	1060.8	718.0	10382	-972.5	1060.8	718.0
10383	-1023.2	1060.8	718.0	10384	-1073.8	1060.8	718.0	10385	-921.8	1108.5	718.0
10386	-972.5	1108.5	718.0	10387	-1023.2	1108.5	718.0	10388	-1073.8	1108.5	718.0
10389	-921.8	1156.2	718.0	10390	-972.5	1156.2	718.0	10391	-1023.2	1156.2	718.0
10392	-1073.8	1156.2	718.0	10393	-1124.5	791.2	718.0	10394	-871.2	791.2	718.0
10395	-1073.8	791.2	718.0	10396	-1023.2	791.2	718.0	10397	-972.5	791.2	718.0
10398	-921.8	791.2	718.0	10399	-1124.5	755.8	718.0	10400	-871.2	755.8	718.0
10401	-1073.8	755.8	718.0	10402	-1023.2	755.8	718.0	10403	-972.5	755.8	718.0
10404	-921.8	755.8	718.0	10405	-1124.5	726.0	718.0	10406	-871.2	726.0	718.0
10407	-1073.8	726.0	718.0	10408	-1023.2	726.0	718.0	10409	-972.5	726.0	718.0
10410	-921.8	726.0	718.0	10411	-1124.5	623.2	718.0	10412	-871.2	623.2	718.0
10413	-1124.5	674.6	718.0	10414	-1073.8	623.2	718.0	10415	-1023.2	623.2	718.0
10416	-972.5	623.2	718.0	10417	-921.8	623.2	718.0	10418	-871.2	674.6	718.0
10419	-921.8	674.6	718.0	10420	-972.5	674.6	718.0	10421	-1023.2	674.6	718.0
10422	-1073.8	674.6	718.0	10423	-1124.5	546.1	718.0	10424	-871.2	546.1	718.0
10425	-1124.5	584.7	718.0	10426	-1073.8	546.1	718.0	10427	-1023.2	546.1	718.0
10428	-972.5	546.1	718.0	10429	-921.8	546.1	718.0	10430	-871.2	584.7	718.0
10431	-921.8	584.7	718.0	10432	-972.5	584.7	718.0	10433	-1023.2	584.7	718.0
10434	-1073.8	584.7	718.0	10435	-1124.5	1291.4	718.0	10436	-871.2	1291.4	718.0
10437	-1124.5	1247.6	718.0	10438	-871.2	1247.6	718.0	10439	-921.8	1291.4	718.0
10440	-972.5	1291.4	718.0	10441	-1023.2	1291.4	718.0	10442	-1073.8	1291.4	718.0
10443	-921.8	1247.6	718.0	10444	-972.5	1247.6	718.0	10445	-1023.2	1247.6	718.0
10446	-1073.8	1247.6	718.0	10447	1643.2	1924.6	718.0	10448	-871.2	1372.7	718.0
10449	-1124.5	1332.0	718.0	10450	-871.2	1332.0	718.0	10451	-921.8	1372.7	718.0
10452	-972.5	1383.6	718.0	10453	1383.0	1873.9	718.0	10454	1428.9	1882.8	718.0
10455	-921.8	1332.0	718.0	10456	-972.5	1332.0	718.0	10457	-1023.2	1332.0	718.0
10458	-1073.8	1332.0	718.0	10459	905.7	1780.7	718.0	10460	728.9	1616.5	718.0
10461	597.0	1616.5	718.0	10462	2312.6	1510.9	718.0	10463	1234.5	1844.9	718.0
10464	547.5	1616.5	718.0	10465	195.1	1611.4	718.0	10466	728.9	1563.7	718.0
10467	811.4	1616.5	718.0	10468	728.9	1746.2	718.0	10469	1333.2	1864.1	718.0
10470	1283.3	1854.4	718.0	10471	-1023.2	1404.2	718.0	10472	290.8	1563.7	718.0
10473	2312.6	1418.7	718.0	10474	952.9	1789.9	718.0	10475	2312.6	1464.8	718.0
10476	2428.9	1510.9	718.0	10477	2695.6	1510.9	718.0	10478	646.4	1563.7	718.0
10479	1520.8	1563.7	718.0	10480	48.8	1613.5	718.0	10481	597.0	1563.7	718.0
10482	547.5	1563.7	718.0	10483	498.1	1563.7	718.0	10484	2163.1	1563.7	718.0
10485	192.0	1563.7	718.0	10486	142.6	1563.7	718.0	10487	93.1	1563.7	718.0
10488	41.4	1563.7	718.0	10489	2580.6	1982.0	718.0	10490	1185.6	1765.6	718.0
10491	1474.8	1616.5	718.0	10492	1428.9	1616.5	718.0	10493	2751.9	1203.9	718.0
10494	146.4	1601.9	718.0	10495	2119.0	1616.5	718.0	10496	1474.8	1563.7	718.0
10497	-1324.5	0.0	697.4	10498	-1269.0	0.0	697.4	10499	-1220.8	0.0	697.4
10500	-1172.7	0.0	697.4	10501	-1172.7	197.2	718.0	10502	-1220.8	197.2	718.0
10503	-1269.0	197.2	718.0	10504	-1317.2	197.2	718.0	10505	1915.5	1658.2	718.0
10506	1870.6	1658.2	718.0	10507	2074.8	1658.2	718.0	10508	-1172.7	49.3	718.0
10509	-1220.8	49.3	718.0	10510	-1269.0	49.3	718.0	10511	-1334.5	49.3	718.0
10512	2119.0	1563.7	718.0	10513	-1409.3	421.5	718.0	10514	-1328.5	19.5	718.0
10515	-1172.7	98.6	718.0	10516	-1220.8	98.6	718.0	10517	-1269.0	98.6	718.0
10518	-1317.2	98.6	718.0	10519	2644.5	1765.6	718.0	10520	2572.1	1873.5	718.0
10521	2572.1	1927.8	718.0	10522	-1172.7	147.9	718.0	10523	-1220.8	147.9	718.0
10524	-1269.0	147.9	718.0	10525	-1317.2	147.9	718.0	10526	2545.9	1982.0	718.0
10527	2545.9	1873.5	718.0	10528	2545.9	1927.8	718.0	10529	2490.2	1982.0	718.0
10530	2490.2	1873.5	718.0	10531	2490.2	1927.8	718.0	10532	-1172.7	377.7	718.0
10533	-1220.8	377.7	718.0	10534	-1269.0	377.7	718.0	10535	-1317.2	377.7	718.0
10536	-1365.3	377.7	718.0	10537	2428.9	1982.0	718.0	10538	2428.9	1418.7	718.0
10539	-1172.7	242.3	718.0	10540	-1220.8	242.3	718.0	10541	-1269.0	242.3	718.0
10542	-1317.2	242.3	718.0	10543	-1373.3	242.3	718.0	10544	2428.9	1873.5	718.0
10545	2428.9	1927.8	718.0	10546	-1172.7	287.5	718.0	10547	-1220.8	287.5	718.0
10548	-1269.0	287.5	718.0	10549	-1317.2	287.5	718.0	10550	-1365.3	287.5	718.0
10551	2355.0	1982.0	718.0	10552	2355.0	1873.5	718.0	10553	-1172.7	332.6	718.0
10554	-1220.8	332.6	718.0	10555	-1269.0	332.6	718.0	10556	-1317.2	332.6	718.0
10557	-1365.3	332.6	718.0	10558	2355.0	1927.8	718.0	10559	2390.6	1989.0	718.0
10560	2392.0	1927.8	718.0	10561	2392.0	1873.5	718.0	10562	2270.1	1982.0	718.0
10563	-1172.7	509.1	718.0	10564	-1220.8	509.1	718.0	10565	-1269.0	509.1	718.0
10566	-1317.2	509.1	718.0	10567	-1365.3	509.1	718.0	10568	-1427.0	509.1	718.0
10569	2270.1	1873.5	718.0	10570	-1172.7	421.5	718.0	10571	-1220.8	421.5	718.0
10572	-1269.0	421.5	718.0	10573	-1317.2	421.5	718.0	10574	-1365.3	421.5	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
10575	2270.1	1927.8	718.0	10576	-1172.7	465.3	718.0	10577	-1220.8	465.3	718.0
10578	-1269.0	465.3	718.0	10579	-1317.2	465.3	718.0	10580	-1365.3	465.3	718.0
10581	2312.6	1982.0	718.0	10582	2312.6	1927.8	718.0	10583	-1172.7	546.1	718.0
10584	-1220.8	546.1	718.0	10585	-1269.0	546.1	718.0	10586	-1317.2	546.1	718.0
10587	-1365.3	546.1	718.0	10588	-1413.5	546.1	718.0	10589	2312.6	1873.5	718.0
10590	2211.0	1982.0	718.0	10591	2211.0	1927.8	718.0	10592	-1192.8	623.2	718.0
10593	-1220.8	623.2	718.0	10594	-1269.0	623.2	718.0	10595	-1317.2	623.2	718.0
10596	-1365.3	623.2	718.0	10597	-1413.5	623.2	718.0	10598	2211.0	1873.5	718.0
10599	-1533.0	1203.9	718.0	10600	-1220.8	584.7	718.0	10601	-1269.0	584.7	718.0
10602	-1317.2	584.7	718.0	10603	-1365.3	584.7	718.0	10604	-1413.5	584.7	718.0
10605	2163.1	1658.2	718.0	10606	2163.1	1995.5	718.0	10607	2163.1	1873.5	718.0
10608	-1172.7	726.0	718.0	10609	-1253.1	726.0	718.0	10610	-1570.0	1266.9	718.0
10611	-1317.2	726.0	718.0	10612	-1365.3	726.0	718.0	10613	-1413.5	726.0	718.0
10614	-1470.6	726.0	718.0	10615	-1172.7	674.6	718.0	10616	-1220.8	671.0	718.0
10617	-1269.0	674.6	718.0	10618	-1317.2	674.6	718.0	10619	-1365.3	674.6	718.0
10620	-1413.5	674.6	718.0	10621	2163.1	1927.8	718.0	10622	448.7	1691.5	718.0
10623	-1172.7	755.8	718.0	10624	-1220.8	755.8	718.0	10625	-1269.0	753.2	718.0
10626	-1317.2	755.8	718.0	10627	-1365.3	755.8	718.0	10628	-1413.5	755.8	718.0
10629	-1476.6	755.8	718.0	10630	2074.8	1873.5	718.0	10631	-1172.7	791.2	718.0
10632	-1220.8	791.2	718.0	10633	-1291.3	791.2	718.0	10634	-1317.2	791.2	718.0
10635	-1365.3	791.2	718.0	10636	-1413.5	791.2	718.0	10637	-1461.7	791.2	718.0
10638	2074.8	1927.8	718.0	10639	-1172.7	822.3	718.0	10640	-1220.8	822.3	718.0
10641	-1269.0	822.3	718.0	10642	-1309.5	822.3	718.0	10643	-1365.3	822.3	718.0
10644	-1413.5	822.3	718.0	10645	-1461.7	822.3	718.0	10646	-1509.9	1203.9	718.0
10647	-1505.1	1156.2	718.0	10648	-1509.9	1108.5	718.0	10649	-1509.9	1060.8	718.0
10650	-1509.9	1013.1	718.0	10651	-1518.7	965.4	718.0	10652	695.8	1709.2	718.0
10653	2119.0	1927.8	718.0	10654	-1172.7	1203.9	718.0	10655	-1220.8	1203.9	718.0
10656	-1269.0	1203.9	718.0	10657	-1317.2	1203.9	718.0	10658	-1365.3	1203.9	718.0
10659	-1413.5	1203.9	718.0	10660	-1461.7	1203.9	718.0	10661	-1172.7	870.0	718.0
10662	-1220.8	870.0	718.0	10663	-1269.0	870.0	718.0	10664	-1337.4	870.0	718.0
10665	-1365.3	870.0	718.0	10666	-1413.5	870.0	718.0	10667	-1461.7	870.0	718.0
10668	-1172.7	917.7	718.0	10669	-1220.8	917.7	718.0	10670	-1269.0	917.7	718.0
10671	-1317.2	917.7	718.0	10672	-1365.3	917.7	718.0	10673	-1413.5	917.7	718.0
10674	-1461.7	917.7	718.0	10675	-1172.7	965.4	718.0	10676	-1220.8	965.4	718.0
10677	-1269.0	965.4	718.0	10678	-1317.2	965.4	718.0	10679	-1365.3	965.4	718.0
10680	-1393.3	965.4	718.0	10681	-1461.7	965.4	718.0	10682	-1172.7	1013.1	718.0
10683	-1220.8	1013.1	718.0	10684	-1269.0	1013.1	718.0	10685	-1317.2	1013.1	718.0
10686	-1365.3	1013.1	718.0	10687	-1413.5	999.9	718.0	10688	-1461.7	1013.1	718.0
10689	-1172.7	1060.8	718.0	10690	-1220.8	1060.8	718.0	10691	-1269.0	1060.8	718.0
10692	-1317.2	1060.8	718.0	10693	-1365.3	1060.8	718.0	10694	-1449.2	1060.8	718.0
10695	-1170.2	584.7	718.0	10696	-1172.7	1108.5	718.0	10697	-1220.8	1108.5	718.0
10698	-1269.0	1108.5	718.0	10699	-1317.2	1108.5	718.0	10700	-1365.3	1108.5	718.0
10701	-1413.5	1108.5	718.0	10702	-1477.1	1108.5	718.0	10703	-1172.7	1156.2	718.0
10704	-1220.8	1156.2	718.0	10705	-1269.0	1156.2	718.0	10706	-1317.2	1156.2	718.0
10707	-1365.3	1156.2	718.0	10708	-1413.5	1156.2	718.0	10709	-1461.7	1156.2	718.0
10710	1140.5	1826.5	718.0	10711	-1509.9	1247.6	718.0	10712	-1172.7	1291.4	718.0
10713	-1220.8	1291.4	718.0	10714	-1269.0	1291.4	718.0	10715	-1317.2	1291.4	718.0
10716	-1365.3	1291.4	718.0	10717	2312.2	2055.2	718.0	10718	2211.0	2035.5	718.0
10719	-1172.7	1247.6	718.0	10720	-1220.8	1247.6	718.0	10721	-1269.0	1247.6	718.0
10722	-1317.2	1247.6	718.0	10723	-1365.3	1247.6	718.0	10724	-1413.5	1247.6	718.0
10725	-1461.7	1247.6	718.0	10726	2119.0	1658.2	718.0	10727	2645.6	1658.2	718.0
10728	1582.0	1912.7	718.0	10729	-1220.8	1365.7	718.0	10730	340.3	1563.7	718.0
10731	2428.9	1464.8	718.0	10732	695.8	1616.5	718.0	10733	295.7	1631.1	718.0
10734	2119.0	1873.5	718.0	10735	-1172.7	1332.0	718.0	10736	-1220.8	1335.1	718.0
10737	2163.1	2026.1	718.0	10738	2074.8	2008.9	718.0	10739	2270.1	2016.4	718.0
10740	-1413.5	1328.0	718.0	10741	2392.0	1510.9	718.0	10742	-871.2	1433.9	718.0
10743	2005.4	1927.8	718.0	10744	195.1	1642.0	718.0	10745	2005.4	1873.5	718.0
10746	1428.9	1563.7	718.0	10747	858.5	1510.9	718.0	10748	646.4	1699.5	718.0
10749	1825.7	1873.5	718.0	10750	2392.0	1418.7	718.0	10751	695.8	1563.7	718.0
10752	2392.0	1464.8	718.0	10753	2490.2	1510.9	718.0	10754	2490.2	1418.7	718.0
10755	-1461.7	1318.6	718.0	10756	597.0	1689.9	718.0	10757	498.1	1616.5	718.0
10758	422.8	1616.5	718.0	10759	2490.2	1464.8	718.0	10760	547.5	1680.2	718.0
10761	-921.8	1424.0	718.0	10762	2211.0	1616.5	718.0	10763	2211.0	1563.7	718.0
10764	-1483.7	791.2	718.0	10765	2572.1	1203.9	718.0	10766	952.9	1418.7	718.0
10767	905.7	1418.7	718.0	10768	1773.5	1919.5	718.0	10769	2654.0	1616.5	718.0
10770	-1584.3	1291.4	718.0	10771	1870.6	1873.5	718.0	10772	858.5	1418.7	718.0
10773	1915.5	1947.2	718.0	10774	952.9	1464.8	718.0	10775	1915.5	1873.5	718.0
10776	1960.5	1927.8	718.0	10777	1960.5	1873.5	718.0	10778	2211.0	1658.2	718.0
10779	2270.1	1658.2	718.0	10780	1721.3	1873.5	718.0	10781	-1269.0	1356.3	718.0
10782	2355.0	1658.2	718.0	10783	448.7	1660.9	718.0	10784	2312.6	1658.2	718.0
10785	1773.5	1873.5	718.0	10786	2428.9	1658.2	718.0	10787	2392.0	1658.2	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
10788	1690.3	1873.5	718.0	10789	-1317.2	1346.8	718.0	10790	-921.8	0.0	1095.0
10791	21.2	287.5	572.8	10792	-356.6	-15.0	718.0	10793	-306.1	-15.0	718.0
10794	-621.1	-15.0	718.0	10795	-567.6	-15.0	718.0	10796	-514.1	-15.0	718.0
10797	-460.6	-15.0	718.0	10798	498.1	197.2	582.9	10799	547.5	197.2	582.9
10800	597.0	197.2	582.9	10801	-767.4	546.1	718.0	10802	-804.5	546.1	718.0
10803	-804.5	623.2	718.0	10804	-804.5	584.7	718.0	10805	-767.4	623.2	718.0
10806	-767.4	584.7	718.0	10807	-734.3	726.0	718.0	10808	-621.1	726.0	718.0
10809	-734.3	674.6	718.0	10810	-621.1	674.6	718.0	10811	-677.7	726.0	718.0
10812	-677.7	674.6	718.0	10813	-804.5	726.0	718.0	10814	-804.5	674.6	718.0
10815	-767.4	726.0	718.0	10816	-767.4	674.6	718.0	10817	-621.1	1203.9	718.0
10818	-621.1	822.3	718.0	10819	-407.1	822.3	718.0	10820	-407.1	1203.9	718.0
10821	-621.1	1156.2	718.0	10822	-621.1	1108.5	718.0	10823	-621.1	1060.8	718.0
10824	-621.1	1013.1	718.0	10825	-621.1	965.4	718.0	10826	-621.1	917.7	718.0
10827	-621.1	870.0	718.0	10828	-567.6	822.3	718.0	10829	-514.1	822.3	718.0
10830	-460.6	822.3	718.0	10831	-407.1	870.0	718.0	10832	-407.1	917.7	718.0
10833	-407.1	965.4	718.0	10834	-407.1	1013.1	718.0	10835	-407.1	1060.8	718.0
10836	-407.1	1108.5	718.0	10837	-407.1	1156.2	718.0	10838	-460.6	1203.9	718.0
10839	-514.1	1203.9	718.0	10840	-567.6	1203.9	718.0	10841	-460.6	870.0	718.0
10842	-514.1	870.0	718.0	10843	-567.6	870.0	718.0	10844	-460.6	917.7	718.0
10845	-514.1	917.7	718.0	10846	-567.6	917.7	718.0	10847	-460.6	965.4	718.0
10848	-514.1	965.4	718.0	10849	-567.6	965.4	718.0	10850	-460.6	1013.1	718.0
10851	-514.1	1013.1	718.0	10852	-567.6	1013.1	718.0	10853	-460.6	1060.8	718.0
10854	-514.1	1060.8	718.0	10855	-567.6	1060.8	718.0	10856	-460.6	1108.5	718.0
10857	-514.1	1108.5	718.0	10858	-567.6	1108.5	718.0	10859	-460.6	1156.2	718.0
10860	-514.1	1156.2	718.0	10861	-567.6	1156.2	718.0	10862	-621.1	791.2	718.0
10863	-407.1	791.2	718.0	10864	-567.6	791.2	718.0	10865	-514.1	791.2	718.0
10866	-460.6	791.2	718.0	10867	-621.1	755.8	718.0	10868	-407.1	755.8	718.0
10869	-567.6	755.8	718.0	10870	-514.1	755.8	718.0	10871	-460.6	755.8	718.0
10872	-407.1	726.0	718.0	10873	-567.6	726.0	718.0	10874	-514.1	726.0	718.0
10875	-460.6	726.0	718.0	10876	-407.1	674.6	718.0	10877	-460.6	674.6	718.0
10878	-514.1	674.6	718.0	10879	-567.6	674.6	718.0	10880	-804.5	822.3	718.0
10881	-804.5	1203.9	718.0	10882	-804.5	870.0	718.0	10883	-804.5	917.7	718.0
10884	-804.5	965.4	718.0	10885	-804.5	1013.1	718.0	10886	-804.5	1060.8	718.0
10887	-804.5	1108.5	718.0	10888	-804.5	1156.2	718.0	10889	-767.4	822.3	718.0
10890	-767.4	1203.9	718.0	10891	-767.4	870.0	718.0	10892	-767.4	917.7	718.0
10893	-767.4	965.4	718.0	10894	-767.4	1013.1	718.0	10895	-767.4	1060.8	718.0
10896	-767.4	1108.5	718.0	10897	-767.4	1156.2	718.0	10898	-734.3	822.3	718.0
10899	-734.3	1203.9	718.0	10900	-734.3	870.0	718.0	10901	-734.3	917.7	718.0
10902	-734.3	965.4	718.0	10903	-734.3	1013.1	718.0	10904	-734.3	1060.8	718.0
10905	-734.3	1108.5	718.0	10906	-734.3	1156.2	718.0	10907	-677.7	822.3	718.0
10908	-677.7	1203.9	718.0	10909	-677.7	870.0	718.0	10910	-677.7	917.7	718.0
10911	-677.7	965.4	718.0	10912	-677.7	1013.1	718.0	10913	-677.7	1060.8	718.0
10914	-677.7	1108.5	718.0	10915	-677.7	1156.2	718.0	10916	-734.3	791.2	718.0
10917	-677.7	791.2	718.0	10918	-804.5	791.2	718.0	10919	-767.4	791.2	718.0
10920	-734.3	755.8	718.0	10921	-677.7	755.8	718.0	10922	-257.4	822.3	718.0
10923	-257.4	1203.9	718.0	10924	-356.6	822.3	718.0	10925	-306.1	822.3	718.0
10926	-257.4	870.0	718.0	10927	-257.4	917.7	718.0	10928	-257.4	965.4	718.0
10929	-257.4	1013.1	718.0	10930	-257.4	1060.8	718.0	10931	-257.4	1108.5	718.0
10932	-257.4	1156.2	718.0	10933	-306.1	1203.9	718.0	10934	-356.6	1203.9	718.0
10935	-306.1	870.0	718.0	10936	-356.6	870.0	718.0	10937	-306.1	917.7	718.0
10938	-356.6	917.7	718.0	10939	-306.1	965.4	718.0	10940	-356.6	965.4	718.0
10941	-306.1	1013.1	718.0	10942	-356.6	1013.1	718.0	10943	-306.1	1060.8	718.0
10944	-356.6	1060.8	718.0	10945	-306.1	1108.5	718.0	10946	-356.6	1108.5	718.0
10947	-306.1	1156.2	718.0	10948	-356.6	1156.2	718.0	10949	-257.4	791.2	718.0
10950	-356.6	791.2	718.0	10951	-306.1	791.2	718.0	10952	-257.4	726.0	718.0
10953	-257.4	674.6	718.0	10954	-306.1	726.0	718.0	10955	-356.6	726.0	718.0
10956	-306.1	674.6	718.0	10957	-356.6	674.6	718.0	10958	-257.4	755.8	718.0
10959	-306.1	755.8	718.0	10960	-356.6	755.8	718.0	10961	-804.5	755.8	718.0
10962	-767.4	755.8	718.0	10963	-208.6	726.0	718.0	10964	-208.6	674.6	718.0
10965	-62.2	726.0	718.0	10966	-62.2	674.6	718.0	10967	-111.0	726.0	718.0
10968	-159.8	726.0	718.0	10969	-111.0	674.6	718.0	10970	-159.8	674.6	718.0
10971	-10.4	726.0	718.0	10972	-10.4	674.6	718.0	10973	241.4	726.0	718.0
10974	241.4	674.6	718.0	10975	192.0	726.0	718.0	10976	142.6	726.0	718.0
10977	93.1	726.0	718.0	10978	41.4	726.0	718.0	10979	192.0	674.6	718.0
10980	142.6	674.6	718.0	10981	93.1	674.6	718.0	10982	41.4	674.6	718.0
10983	-10.4	755.8	718.0	10984	241.4	755.8	718.0	10985	192.0	755.8	718.0
10986	142.6	755.8	718.0	10987	93.1	755.8	718.0	10988	41.4	755.8	718.0
10989	-208.6	755.8	718.0	10990	-62.2	755.8	718.0	10991	-111.0	755.8	718.0
10992	-159.8	755.8	718.0	10993	-208.6	791.2	718.0	10994	-62.2	791.2	718.0
10995	-111.0	791.2	718.0	10996	-159.8	791.2	718.0	10997	-10.4	791.2	718.0
10998	811.4	0.0	718.0	10999	811.4	197.2	718.0	11000	770.1	0.0	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
11001	811.4	49.3	718.0	11002	811.4	98.6	718.0	11003	811.4	147.9	718.0
11004	770.1	197.2	718.0	11005	770.1	49.3	718.0	11006	770.1	98.6	718.0
11007	770.1	147.9	718.0	11008	1000.0	0.0	718.0	11009	1000.0	197.2	718.0
11010	858.5	0.0	718.0	11011	905.7	0.0	718.0	11012	952.9	0.0	718.0
11013	1000.0	49.3	718.0	11014	1000.0	98.6	718.0	11015	1000.0	147.9	718.0
11016	952.9	197.2	718.0	11017	905.7	197.2	718.0	11018	858.5	197.2	718.0
11019	952.9	49.3	718.0	11020	905.7	49.3	718.0	11021	858.5	49.3	718.0
11022	952.9	98.6	718.0	11023	905.7	98.6	718.0	11024	858.5	98.6	718.0
11025	952.9	147.9	718.0	11026	905.7	147.9	718.0	11027	858.5	147.9	718.0
11028	905.7	1464.8	718.0	11029	858.5	1464.8	718.0	11030	1075.4	1510.9	718.0
11031	1075.4	1418.7	718.0	11032	2642.7	1203.9	718.0	11033	1075.4	1464.8	718.0
11034	1037.7	1510.9	718.0	11035	1037.7	1418.7	718.0	11036	1037.7	1464.8	718.0
11037	1107.2	1510.9	718.0	11038	1107.2	1418.7	718.0	11039	1107.2	1464.8	718.0
11040	1140.5	1510.9	718.0	11041	2685.3	1203.9	718.0	11042	1140.5	1418.7	718.0
11043	-22.9	332.6	543.8	11044	-306.1	19.5	718.0	11045	-356.6	19.5	718.0
11046	-407.1	19.5	718.0	11047	-460.6	19.5	718.0	11048	-514.1	19.5	718.0
11049	-567.6	19.5	718.0	11050	-621.1	19.5	718.0	11051	597.0	197.2	437.1
11052	597.0	197.2	388.6	11053	646.4	197.2	388.6	11054	646.4	197.2	437.1
11055	646.4	197.2	485.7	11056	728.9	19.5	718.0	11057	2545.9	1510.9	718.0
11058	-677.7	19.5	718.0	11059	-734.3	19.5	718.0	11060	-767.4	19.5	718.0
11061	-871.2	19.5	718.0	11062	-921.8	19.5	718.0	11063	-972.5	19.5	718.0
11064	-1023.2	19.5	718.0	11065	-1073.8	19.5	718.0	11066	-1124.5	19.5	718.0
11067	-804.5	19.5	718.0	11068	-1172.7	19.5	718.0	11069	-1220.8	19.5	718.0
11070	-1269.0	19.5	718.0	11071	597.0	197.2	534.3	11072	-1344.4	98.6	718.0
11073	-1354.3	147.9	718.0	11074	-1364.2	197.2	718.0	11075	597.0	197.2	485.7
11076	728.9	-15.0	718.0	11077	811.4	19.5	718.0	11078	770.1	19.5	718.0
11079	1000.0	19.5	718.0	11080	952.9	19.5	718.0	11081	905.7	19.5	718.0
11082	858.5	19.5	718.0	11083	1140.5	1464.8	718.0	11084	1185.6	1510.9	718.0
11085	1185.6	1418.7	718.0	11086	811.4	377.7	718.0	11087	811.4	242.3	718.0
11088	811.4	287.5	718.0	11089	811.4	332.6	718.0	11090	770.1	377.7	718.0
11091	770.1	242.3	718.0	11092	770.1	287.5	718.0	11093	770.1	332.6	718.0
11094	1000.0	377.7	718.0	11095	1000.0	242.3	718.0	11096	1000.0	287.5	718.0
11097	1075.4	-15.0	718.0	11098	952.9	377.7	718.0	11099	905.7	377.7	718.0
11100	858.5	377.7	718.0	11101	952.9	242.3	718.0	11102	905.7	242.3	718.0
11103	858.5	242.3	718.0	11104	952.9	287.5	718.0	11105	905.7	287.5	718.0
11106	858.5	287.5	718.0	11107	952.9	332.6	718.0	11108	905.7	332.6	718.0
11109	858.5	332.6	718.0	11110	1185.6	1464.8	718.0	11111	1283.3	1510.9	718.0
11112	1283.3	1418.7	718.0	11113	1283.3	1464.8	718.0	11114	2705.7	1203.9	718.0
11115	1234.5	1510.9	718.0	11116	1234.5	1418.7	718.0	11117	1234.5	1464.8	718.0
11118	1383.0	1510.9	718.0	11119	2545.9	1418.7	718.0	11120	2545.9	1464.8	718.0
11121	2572.1	1510.9	718.0	11122	2572.1	1418.7	718.0	11123	2572.1	1464.8	718.0
11124	1643.2	1616.5	718.0	11125	2490.2	1658.2	718.0	11126	2270.1	1616.5	718.0
11127	1383.0	1418.7	718.0	11128	1383.0	1464.8	718.0	11129	1643.2	1563.7	718.0
11130	1582.0	1616.5	718.0	11131	2270.1	1563.7	718.0	11132	2355.0	1616.5	718.0
11133	1383.0	1658.2	718.0	11134	1582.0	1563.7	718.0	11135	1000.0	1768.5	718.0
11136	2355.0	1563.7	718.0	11137	1333.2	1510.9	718.0	11138	1690.3	1616.5	718.0
11139	2312.6	1616.5	718.0	11140	2642.7	1510.9	718.0	11141	2642.7	1418.7	718.0
11142	2642.7	1464.8	718.0	11143	2005.4	1563.7	718.0	11144	2685.3	1418.7	718.0
11145	1140.5	1711.9	718.0	11146	-1400.5	377.7	718.0	11147	2675.2	1510.9	718.0
11148	2693.7	1418.7	718.0	11149	-734.3	-15.0	718.0	11150	-677.7	-15.0	718.0
11151	-767.4	-15.0	718.0	11152	-1124.5	-15.0	718.0	11153	-871.2	-15.0	718.0
11154	-1073.8	-15.0	718.0	11155	-1023.2	-15.0	718.0	11156	-972.5	-15.0	718.0
11157	-921.8	-15.0	718.0	11158	646.4	287.5	726.9	11159	811.4	1563.7	718.0
11160	2714.1	1418.7	718.0	11161	2545.9	1658.2	718.0	11162	-1442.2	584.7	718.0
11163	770.1	1616.5	718.0	11164	1333.2	1418.7	718.0	11165	2736.9	1203.9	718.0
11166	1333.2	1464.8	718.0	11167	1520.8	1510.9	718.0	11168	1520.8	1418.7	718.0
11169	1520.8	1464.8	718.0	11170	811.4	509.1	718.0	11171	770.1	509.1	718.0
11172	811.4	465.3	718.0	11173	811.4	421.5	718.0	11174	770.1	421.5	718.0
11175	770.1	465.3	718.0	11176	1000.0	509.1	718.0	11177	858.5	509.1	718.0
11178	905.7	509.1	718.0	11179	952.9	509.1	718.0	11180	1000.0	465.3	718.0
11181	1000.0	421.5	718.0	11182	952.9	421.5	718.0	11183	952.9	465.3	718.0
11184	905.7	421.5	718.0	11185	905.7	465.3	718.0	11186	858.5	421.5	718.0
11187	858.5	465.3	718.0	11188	1474.8	1510.9	718.0	11189	1428.9	1510.9	718.0
11190	1474.8	1418.7	718.0	11191	-1449.9	623.2	718.0	11192	1520.8	1900.8	718.0
11193	811.4	1762.3	718.0	11194	-677.7	1471.7	718.0	11195	389.7	1563.7	718.0
11196	-1460.2	674.6	718.0	11197	2572.1	1658.2	718.0	11198	1140.5	1765.6	718.0
11199	422.8	1563.7	718.0	11200	-1382.4	287.5	718.0	11201	770.1	1563.7	718.0
11202	2731.6	1332.0	718.0	11203	-1269.0	-15.0	718.0	11204	1690.3	1563.7	718.0
11205	1721.3	1616.5	718.0	11206	2751.9	1230.7	718.0	11207	1721.3	1563.7	718.0
11208	1825.7	1616.5	718.0	11209	2312.6	1563.7	718.0	11210	2428.9	1616.5	718.0
11211	2490.2	2028.8	718.0	11212	2428.9	1563.7	718.0	11213	2392.0	1616.5	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
11214	1000.0	1616.5	718.0	11215	-1220.8	-15.0	718.0	11216	-1172.7	-15.0	718.0
11217	-1418.1	465.3	718.0	11218	2392.0	1563.7	718.0	11219	1107.2	1765.6	718.0
11220	1825.7	1563.7	718.0	11221	811.4	-15.0	718.0	11222	1000.0	1563.7	718.0
11223	2545.9	2039.7	718.0	11224	952.9	1616.5	718.0	11225	2572.1	2024.4	718.0
11226	1773.5	1616.5	718.0	11227	1773.5	1563.7	718.0	11228	2490.2	1616.5	718.0
11229	2490.2	1563.7	718.0	11230	905.7	1616.5	718.0	11231	1773.5	1950.1	718.0
11232	2545.9	1616.5	718.0	11233	858.5	1616.5	718.0	11234	952.9	1563.7	718.0
11235	770.1	-15.0	718.0	11236	2685.0	1563.7	718.0	11237	1000.0	-15.0	718.0
11238	858.5	-15.0	718.0	11239	2601.0	1982.0	718.0	11240	905.7	-15.0	718.0
11241	905.7	1563.7	718.0	11242	858.5	1563.7	718.0	11243	952.9	-15.0	718.0
11244	-460.6	1514.0	718.0	11245	2333.0	2059.3	718.0	11246	1037.7	1775.9	718.0
11247	1075.4	1616.5	718.0	11248	2312.6	2000.6	718.0	11249	1283.3	1563.7	718.0
11250	1075.4	1563.7	718.0	11251	1000.0	1799.1	718.0	11252	1520.8	1870.2	718.0
11253	399.3	1681.9	718.0	11254	1037.7	1616.5	718.0	11255	2428.9	1996.5	718.0
11256	1037.7	1563.7	718.0	11257	770.1	1754.2	718.0	11258	2684.5	1464.8	718.0
11259	97.6	1592.4	718.0	11260	1107.2	1789.4	718.0	11261	1960.5	1616.5	718.0
11262	2545.9	1563.7	718.0	11263	547.5	1710.8	718.0	11264	2349.0	2031.8	718.0
11265	2428.9	2016.8	718.0	11266	2572.1	1616.5	718.0	11267	2572.1	1563.7	718.0
11268	295.7	1661.6	718.0	11269	2739.7	1291.4	718.0	11270	695.8	1658.2	718.0
11271	2490.2	2008.4	718.0	11272	646.4	1658.2	718.0	11273	2545.9	2000.6	718.0
11274	2576.7	2000.6	718.0	11275	2642.7	1563.7	718.0	11276	1107.2	1616.5	718.0
11277	243.9	1651.5	718.0	11278	2572.1	2044.8	718.0	11279	-1490.0	822.3	718.0
11280	2666.0	1658.2	718.0	11281	48.8	1582.9	718.0	11282	2748.5	1247.6	718.0
11283	-804.5	1291.4	718.0	11284	1107.2	1563.7	718.0	11285	-804.5	1247.6	718.0
11286	389.7	726.0	718.0	11287	695.8	726.0	718.0	11288	389.7	674.6	718.0
11289	695.8	674.6	718.0	11290	646.4	726.0	718.0	11291	597.0	726.0	718.0
11292	547.5	726.0	718.0	11293	498.1	726.0	718.0	11294	422.8	726.0	718.0
11295	646.4	674.6	718.0	11296	597.0	674.6	718.0	11297	547.5	674.6	718.0
11298	498.1	674.6	718.0	11299	422.8	674.6	718.0	11300	290.8	726.0	718.0
11301	340.3	726.0	718.0	11302	290.8	674.6	718.0	11303	340.3	674.6	718.0
11304	389.7	755.8	718.0	11305	340.3	755.8	718.0	11306	290.8	755.8	718.0
11307	728.9	546.1	718.0	11308	811.4	546.1	718.0	11309	770.1	546.1	718.0
11310	1000.0	546.1	718.0	11311	952.9	546.1	718.0	11312	905.7	546.1	718.0
11313	858.5	546.1	718.0	11314	-767.4	1291.4	718.0	11315	-767.4	1247.6	718.0
11316	-734.3	1291.4	718.0	11317	-734.3	1247.6	718.0	11318	811.4	1731.7	718.0
11319	146.4	1632.5	718.0	11320	0.0	1603.9	718.0	11321	1140.5	1616.5	718.0
11322	695.8	1739.7	718.0	11323	646.4	1730.1	718.0	11324	97.6	1623.0	718.0
11325	597.0	1658.2	718.0	11326	547.5	1658.2	718.0	11327	498.1	1670.6	718.0
11328	498.1	1701.2	718.0	11329	2728.1	1247.6	718.0	11330	728.9	1658.2	718.0
11331	1140.5	1563.7	718.0	11332	1000.0	1711.9	718.0	11333	-111.1	1582.2	718.0
11334	-621.1	1291.4	718.0	11335	-621.1	1247.6	718.0	11336	241.4	791.2	718.0
11337	192.0	791.2	718.0	11338	142.6	791.2	718.0	11339	93.1	791.2	718.0
11340	41.4	791.2	718.0	11341	389.7	791.2	718.0	11342	340.3	791.2	718.0
11343	290.8	791.2	718.0	11344	695.8	755.8	718.0	11345	646.4	755.8	718.0
11346	597.0	755.8	718.0	11347	547.5	755.8	718.0	11348	498.1	755.8	718.0
11349	422.8	755.8	718.0	11350	695.8	791.2	718.0	11351	646.4	791.2	718.0
11352	597.0	791.2	718.0	11353	547.5	791.2	718.0	11354	498.1	791.2	718.0
11355	422.8	791.2	718.0	11356	389.7	822.3	718.0	11357	695.8	822.3	718.0
11358	646.4	822.3	718.0	11359	597.0	822.3	718.0	11360	547.5	822.3	718.0
11361	498.1	822.3	718.0	11362	422.8	822.3	718.0	11363	241.4	822.3	718.0
11364	340.3	822.3	718.0	11365	290.8	822.3	718.0	11366	241.4	1203.9	718.0
11367	389.7	1203.9	718.0	11368	241.4	1156.2	718.0	11369	241.4	1108.5	718.0
11370	241.4	1060.8	718.0	11371	241.4	1013.1	718.0	11372	241.4	965.4	718.0
11373	241.4	917.7	718.0	11374	241.4	870.0	718.0	11375	389.7	870.0	718.0
11376	389.7	917.7	718.0	11377	389.7	965.4	718.0	11378	389.7	1013.1	718.0
11379	389.7	1060.8	718.0	11380	389.7	1108.5	718.0	11381	389.7	1156.2	718.0
11382	340.3	1203.9	718.0	11383	290.8	1203.9	718.0	11384	340.3	870.0	718.0
11385	290.8	870.0	718.0	11386	340.3	917.7	718.0	11387	290.8	917.7	718.0
11388	340.3	965.4	718.0	11389	290.8	965.4	718.0	11390	340.3	1013.1	718.0
11391	290.8	1013.1	718.0	11392	340.3	1060.8	718.0	11393	290.8	1060.8	718.0
11394	340.3	1108.5	718.0	11395	290.8	1108.5	718.0	11396	340.3	1156.2	718.0
11397	290.8	1156.2	718.0	11398	-10.4	1203.9	718.0	11399	-10.4	822.3	718.0
11400	-10.4	1156.2	718.0	11401	-10.4	1108.5	718.0	11402	-10.4	1060.8	718.0
11403	-10.4	1013.1	718.0	11404	-10.4	965.4	718.0	11405	-10.4	917.7	718.0
11406	-10.4	870.0	718.0	11407	41.4	822.3	718.0	11408	93.1	822.3	718.0
11409	142.6	822.3	718.0	11410	192.0	822.3	718.0	11411	192.0	1203.9	718.0
11412	142.6	1203.9	718.0	11413	93.1	1203.9	718.0	11414	41.4	1203.9	718.0
11415	192.0	870.0	718.0	11416	142.6	870.0	718.0	11417	93.1	870.0	718.0
11418	41.4	870.0	718.0	11419	192.0	917.7	718.0	11420	142.6	917.7	718.0
11421	93.1	917.7	718.0	11422	41.4	917.7	718.0	11423	192.0	965.4	718.0
11424	142.6	965.4	718.0	11425	93.1	965.4	718.0	11426	41.4	965.4	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
11427	192.0	1013.1	718.0	11428	142.6	1013.1	718.0	11429	93.1	1013.1	718.0
11430	41.4	1013.1	718.0	11431	192.0	1060.8	718.0	11432	142.6	1060.8	718.0
11433	93.1	1060.8	718.0	11434	41.4	1060.8	718.0	11435	192.0	1108.5	718.0
11436	142.6	1108.5	718.0	11437	93.1	1108.5	718.0	11438	41.4	1108.5	718.0
11439	192.0	1156.2	718.0	11440	142.6	1156.2	718.0	11441	93.1	1156.2	718.0
11442	41.4	1156.2	718.0	11443	-62.2	1203.9	718.0	11444	-62.2	822.3	718.0
11445	-62.2	1156.2	718.0	11446	-62.2	1108.5	718.0	11447	-62.2	1060.8	718.0
11448	-62.2	1013.1	718.0	11449	-62.2	965.4	718.0	11450	-62.2	917.7	718.0
11451	-62.2	870.0	718.0	11452	-208.6	1203.9	718.0	11453	-208.6	822.3	718.0
11454	-208.6	1156.2	718.0	11455	-208.6	1108.5	718.0	11456	-208.6	1060.8	718.0
11457	-208.6	1013.1	718.0	11458	-208.6	965.4	718.0	11459	-208.6	917.7	718.0
11460	-208.6	870.0	718.0	11461	-159.8	822.3	718.0	11462	-111.0	822.3	718.0
11463	-111.0	1203.9	718.0	11464	-159.8	1203.9	718.0	11465	-111.0	870.0	718.0
11466	-159.8	870.0	718.0	11467	-111.0	917.7	718.0	11468	-159.8	917.7	718.0
11469	-111.0	965.4	718.0	11470	-159.8	965.4	718.0	11471	-111.0	1013.1	718.0
11472	-159.8	1013.1	718.0	11473	-111.0	1060.8	718.0	11474	-159.8	1060.8	718.0
11475	-111.0	1108.5	718.0	11476	-159.8	1108.5	718.0	11477	-111.0	1156.2	718.0
11478	-159.8	1156.2	718.0	11479	728.9	623.2	718.0	11480	728.9	584.7	718.0
11481	770.1	623.2	718.0	11482	770.1	584.7	718.0	11483	-677.7	1291.4	718.0
11484	-677.7	1247.6	718.0	11485	-407.1	1291.4	718.0	11486	-407.1	1247.6	718.0
11487	-460.6	1291.4	718.0	11488	-514.1	1291.4	718.0	11489	-567.6	1291.4	718.0
11490	-460.6	1247.6	718.0	11491	-514.1	1247.6	718.0	11492	-567.6	1247.6	718.0
11493	-257.4	1291.4	718.0	11494	-1499.6	870.0	718.0	11495	-257.4	1247.6	718.0
11496	811.4	1658.2	718.0	11497	2344.2	2000.6	718.0	11498	1185.6	1616.5	718.0
11499	-306.1	1291.4	718.0	11500	1185.6	1563.7	718.0	11501	-356.6	1291.4	718.0
11502	1283.3	1616.5	718.0	11503	-306.1	1247.6	718.0	11504	-356.6	1247.6	718.0
11505	952.9	1711.9	718.0	11506	770.1	1658.2	718.0	11507	-1509.2	917.7	718.0
11508	1000.0	1658.2	718.0	11509	-208.6	1291.4	718.0	11510	2704.9	1464.8	718.0
11511	952.9	1658.2	718.0	11512	-407.1	1524.5	718.0	11513	905.7	1658.2	718.0
11514	-1124.5	1384.5	718.0	11515	1960.5	1986.6	718.0	11516	905.7	1711.9	718.0
11517	858.5	1658.2	718.0	11518	-208.6	1247.6	718.0	11519	-62.2	1291.4	718.0
11520	-62.2	1247.6	718.0	11521	-111.0	1291.4	718.0	11522	1075.4	1658.2	718.0
11523	-159.8	1291.4	718.0	11524	1037.7	1658.2	718.0	11525	858.5	1711.9	718.0
11526	-111.0	1247.6	718.0	11527	-159.8	1247.6	718.0	11528	-10.4	1291.4	718.0
11529	-10.4	1247.6	718.0	11530	347.5	1671.8	718.0	11531	1107.2	1658.2	718.0
11532	2622.8	1873.5	718.0	11533	241.4	1291.4	718.0	11534	241.4	1247.6	718.0
11535	1474.8	1861.2	718.0	11536	243.9	1621.0	718.0	11537	389.7	1616.5	718.0
11538	399.3	1651.3	718.0	11539	-356.6	1534.3	718.0	11540	192.0	1291.4	718.0
11541	2119.0	1986.9	718.0	11542	2328.3	2027.8	718.0	11543	-1509.9	1309.2	718.0
11544	1140.5	1658.2	718.0	11545	142.6	1291.4	718.0	11546	1333.2	1833.6	718.0
11547	93.1	1291.4	718.0	11548	41.4	1291.4	718.0	11549	192.0	1247.6	718.0
11550	142.6	1247.6	718.0	11551	93.1	1247.6	718.0	11552	41.4	1247.6	718.0
11553	728.9	726.0	718.0	11554	728.9	674.6	718.0	11555	811.4	726.0	718.0
11556	811.4	674.6	718.0	11557	770.1	726.0	718.0	11558	770.1	674.6	718.0
11559	1000.0	726.0	718.0	11560	1000.0	674.6	718.0	11561	952.9	726.0	718.0
11562	905.7	726.0	718.0	11563	858.5	726.0	718.0	11564	952.9	674.6	718.0
11565	905.7	674.6	718.0	11566	858.5	674.6	718.0	11567	389.7	1291.4	718.0
11568	389.7	1247.6	718.0	11569	340.3	1291.4	718.0	11570	290.8	1291.4	718.0
11571	340.3	1247.6	718.0	11572	290.8	1247.6	718.0	11573	695.8	1291.4	718.0
11574	695.8	1247.6	718.0	11575	646.4	1291.4	718.0	11576	597.0	1291.4	718.0
11577	547.5	1291.4	718.0	11578	498.1	1291.4	718.0	11579	422.8	1291.4	718.0
11580	646.4	1247.6	718.0	11581	597.0	1247.6	718.0	11582	1333.2	1658.2	718.0
11583	547.5	1247.6	718.0	11584	498.1	1247.6	718.0	11585	422.8	1247.6	718.0
11586	728.9	1291.4	718.0	11587	728.9	1247.6	718.0	11588	811.4	1291.4	718.0
11589	811.4	1247.6	718.0	11590	770.1	1291.4	718.0	11591	1075.4	1711.9	718.0
11592	770.1	1247.6	718.0	11593	1000.0	1291.4	718.0	11594	1721.3	1909.3	718.0
11595	728.9	1715.6	718.0	11596	1000.0	1247.6	718.0	11597	952.9	1291.4	718.0
11598	905.7	1291.4	718.0	11599	-1528.3	1013.1	718.0	11600	858.5	1291.4	718.0
11601	952.9	1247.6	718.0	11602	-1537.9	1060.8	718.0	11603	-1547.5	1108.5	718.0
11604	905.7	1247.6	718.0	11605	858.5	1247.6	718.0	11606	1075.4	1291.4	718.0
11607	-1557.1	1156.2	718.0	11608	-1567.1	1203.9	718.0	11609	1075.4	1783.2	718.0
11610	646.4	287.5	773.8	11611	-1575.5	1247.6	718.0	11612	1185.6	1658.2	718.0
11613	646.4	1616.5	718.0	11614	1075.4	1247.6	718.0	11615	1283.3	1658.2	718.0
11616	1234.5	1658.2	718.0	11617	-972.5	1414.1	718.0	11618	0.0	1573.4	718.0
11619	2211.0	2004.9	718.0	11620	2119.0	2017.5	718.0	11621	1037.7	1291.4	718.0
11622	1037.7	1247.6	718.0	11623	905.7	1750.1	718.0	11624	-215.7	1561.8	718.0
11625	1107.2	1291.4	718.0	11626	1107.2	1247.6	718.0	11627	1140.5	1291.4	718.0
11628	1140.5	1247.6	718.0	11629	1185.6	1291.4	718.0	11630	1185.6	1247.6	718.0
11631	1283.3	1291.4	718.0	11632	1283.3	1247.6	718.0	11633	1234.5	1291.4	718.0
11634	1234.5	1247.6	718.0	11635	1383.0	1291.4	718.0	11636	1037.7	1711.9	718.0
11637	728.9	791.2	718.0	11638	728.9	822.3	718.0	11639	728.9	755.8	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
11640	811.4	755.8	718.0	11641	811.4	791.2	718.0	11642	770.1	755.8	718.0
11643	770.1	791.2	718.0	11644	1000.0	755.8	718.0	11645	1000.0	791.2	718.0
11646	858.5	755.8	718.0	11647	905.7	755.8	718.0	11648	952.9	755.8	718.0
11649	952.9	791.2	718.0	11650	905.7	791.2	718.0	11651	858.5	791.2	718.0
11652	1383.0	1247.6	718.0	11653	1333.2	1291.4	718.0	11654	1333.2	1247.6	718.0
11655	1520.8	1291.4	718.0	11656	1520.8	1247.6	718.0	11657	1474.8	1291.4	718.0
11658	1428.9	1291.4	718.0	11659	1474.8	1247.6	718.0	11660	1428.9	1247.6	718.0
11661	1643.2	1291.4	718.0	11662	1582.0	1882.1	718.0	11663	1643.2	1247.6	718.0
11664	1582.0	1291.4	718.0	11665	858.5	1771.5	718.0	11666	1582.0	1247.6	718.0
11667	1690.3	1291.4	718.0	11668	1690.3	1247.6	718.0	11669	1721.3	1291.4	718.0
11670	1721.3	1247.6	718.0	11671	858.5	1740.9	718.0	11672	1825.7	1291.4	718.0
11673	1825.7	1247.6	718.0	11674	1773.5	1291.4	718.0	11675	1773.5	1247.6	718.0
11676	2005.4	1291.4	718.0	11677	2005.4	1247.6	718.0	11678	1960.5	1291.4	718.0
11679	1915.5	1291.4	718.0	11680	1870.6	1291.4	718.0	11681	1960.5	1247.6	718.0
11682	-306.1	1544.2	718.0	11683	2602.4	1873.5	718.0	11684	1915.5	1247.6	718.0
11685	1870.6	1247.6	718.0	11686	2074.8	1291.4	718.0	11687	2074.8	1247.6	718.0
11688	2163.1	1291.4	718.0	11689	2163.1	1247.6	718.0	11690	2119.0	1291.4	718.0
11691	2119.0	1247.6	718.0	11692	2211.0	1291.4	718.0	11693	2211.0	1247.6	718.0
11694	2270.1	1291.4	718.0	11695	2270.1	1247.6	718.0	11696	2355.0	1291.4	718.0
11697	2355.0	1247.6	718.0	11698	2312.6	1291.4	718.0	11699	2312.6	1247.6	718.0
11700	2428.9	1291.4	718.0	11701	2428.9	1247.6	718.0	11702	2392.0	1291.4	718.0
11703	2392.0	1247.6	718.0	11704	2490.2	1291.4	718.0	11705	2490.2	1247.6	718.0
11706	2624.1	1765.6	718.0	11707	1107.2	1711.9	718.0	11708	2545.9	1291.4	718.0
11709	-1391.4	332.6	718.0	11710	2545.9	1247.6	718.0	11711	2572.1	1291.4	718.0
11712	2572.1	1247.6	718.0	11713	2642.7	1291.4	718.0	11714	2642.7	1247.6	718.0
11715	2685.3	1291.4	718.0	11716	2685.3	1247.6	718.0	11717	695.8	1203.9	718.0
11718	695.8	870.0	718.0	11719	695.8	917.7	718.0	11720	695.8	965.4	718.0
11721	695.8	1013.1	718.0	11722	695.8	1060.8	718.0	11723	695.8	1108.5	718.0
11724	695.8	1156.2	718.0	11725	646.4	1203.9	718.0	11726	597.0	1203.9	718.0
11727	547.5	1203.9	718.0	11728	498.1	1203.9	718.0	11729	422.8	1203.9	718.0
11730	646.4	870.0	718.0	11731	597.0	870.0	718.0	11732	547.5	870.0	718.0
11733	498.1	870.0	718.0	11734	422.8	870.0	718.0	11735	646.4	917.7	718.0
11736	597.0	917.7	718.0	11737	547.5	917.7	718.0	11738	498.1	917.7	718.0
11739	422.8	917.7	718.0	11740	646.4	965.4	718.0	11741	597.0	965.4	718.0
11742	547.5	965.4	718.0	11743	498.1	965.4	718.0	11744	422.8	965.4	718.0
11745	646.4	1013.1	718.0	11746	597.0	1013.1	718.0	11747	547.5	1013.1	718.0
11748	498.1	1013.1	718.0	11749	422.8	1013.1	718.0	11750	646.4	1060.8	718.0
11751	597.0	1060.8	718.0	11752	547.5	1060.8	718.0	11753	498.1	1060.8	718.0
11754	422.8	1060.8	718.0	11755	646.4	1108.5	718.0	11756	597.0	1108.5	718.0
11757	547.5	1108.5	718.0	11758	498.1	1108.5	718.0	11759	422.8	1108.5	718.0
11760	646.4	1156.2	718.0	11761	597.0	1156.2	718.0	11762	547.5	1156.2	718.0
11763	498.1	1156.2	718.0	11764	422.8	1156.2	718.0	11765	728.9	1203.9	718.0
11766	728.9	870.0	718.0	11767	728.9	917.7	718.0	11768	728.9	965.4	718.0
11769	728.9	1013.1	718.0	11770	728.9	1060.8	718.0	11771	728.9	1108.5	718.0
11772	728.9	1156.2	718.0	11773	811.4	822.3	718.0	11774	811.4	1203.9	718.0
11775	770.1	822.3	718.0	11776	811.4	870.0	718.0	11777	811.4	917.7	718.0
11778	811.4	965.4	718.0	11779	811.4	1013.1	718.0	11780	811.4	1060.8	718.0
11781	811.4	1108.5	718.0	11782	811.4	1156.2	718.0	11783	770.1	1203.9	718.0
11784	770.1	870.0	718.0	11785	770.1	917.7	718.0	11786	770.1	965.4	718.0
11787	770.1	1013.1	718.0	11788	770.1	1060.8	718.0	11789	770.1	1108.5	718.0
11790	770.1	1156.2	718.0	11791	1000.0	822.3	718.0	11792	952.9	822.3	718.0
11793	905.7	822.3	718.0	11794	858.5	822.3	718.0	11795	1000.0	1203.9	718.0
11796	1000.0	870.0	718.0	11797	1000.0	917.7	718.0	11798	1000.0	965.4	718.0
11799	1000.0	1013.1	718.0	11800	1000.0	1060.8	718.0	11801	1000.0	1108.5	718.0
11802	1000.0	1156.2	718.0	11803	952.9	1203.9	718.0	11804	905.7	1203.9	718.0
11805	858.5	1203.9	718.0	11806	952.9	870.0	718.0	11807	905.7	870.0	718.0
11808	858.5	870.0	718.0	11809	952.9	917.7	718.0	11810	905.7	917.7	718.0
11811	858.5	917.7	718.0	11812	952.9	965.4	718.0	11813	905.7	965.4	718.0
11814	858.5	965.4	718.0	11815	952.9	1013.1	718.0	11816	905.7	1013.1	718.0
11817	858.5	1013.1	718.0	11818	952.9	1060.8	718.0	11819	905.7	1060.8	718.0
11820	858.5	1060.8	718.0	11821	952.9	1108.5	718.0	11822	905.7	1108.5	718.0
11823	858.5	1108.5	718.0	11824	952.9	1156.2	718.0	11825	905.7	1156.2	718.0
11826	858.5	1156.2	718.0	11827	2705.7	1291.4	718.0	11828	1075.4	1203.9	718.0
11829	2705.7	1247.6	718.0	11830	2613.3	1819.2	718.0	11831	2634.9	1711.9	718.0
11832	-804.5	1372.7	718.0	11833	-804.5	1332.0	718.0	11834	-767.4	1372.7	718.0
11835	-767.4	1332.0	718.0	11836	-734.3	1372.7	718.0	11837	1037.7	1203.9	718.0
11838	-734.3	1332.0	718.0	11839	-621.1	1372.7	718.0	11840	-621.1	1332.0	718.0
11841	-677.7	1372.7	718.0	11842	-677.7	1332.0	718.0	11843	-407.1	1372.7	718.0
11844	-407.1	1332.0	718.0	11845	-460.6	1372.7	718.0	11846	1107.2	1203.9	718.0
11847	-514.1	1372.7	718.0	11848	-567.6	1372.7	718.0	11849	-460.6	1332.0	718.0
11850	-514.1	1332.0	718.0	11851	-567.6	1332.0	718.0	11852	-257.4	1372.7	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
11853	-257.4	1332.0	718.0	11854	-306.1	1372.7	718.0	11855	1140.5	1203.9	718.0
11856	-356.6	1372.7	718.0	11857	-306.1	1332.0	718.0	11858	-356.6	1332.0	718.0
11859	-208.6	1372.7	718.0	11860	-208.6	1332.0	718.0	11861	-62.2	1372.7	718.0
11862	-62.2	1332.0	718.0	11863	-111.0	1372.7	718.0	11864	-159.8	1372.7	718.0
11865	-111.0	1332.0	718.0	11866	-159.8	1332.0	718.0	11867	-10.4	1372.7	718.0
11868	-10.4	1332.0	718.0	11869	241.4	1372.7	718.0	11870	241.4	1332.0	718.0
11871	192.0	1372.7	718.0	11872	142.6	1372.7	718.0	11873	93.1	1372.7	718.0
11874	41.4	1372.7	718.0	11875	192.0	1332.0	718.0	11876	142.6	1332.0	718.0
11877	93.1	1332.0	718.0	11878	41.4	1332.0	718.0	11879	389.7	1372.7	718.0
11880	389.7	1332.0	718.0	11881	340.3	1372.7	718.0	11882	290.8	1372.7	718.0
11883	340.3	1332.0	718.0	11884	290.8	1332.0	718.0	11885	695.8	1372.7	718.0
11886	2005.4	1616.5	718.0	11887	695.8	1332.0	718.0	11888	646.4	1372.7	718.0
11889	597.0	1372.7	718.0	11890	547.5	1372.7	718.0	11891	498.1	1372.7	718.0
11892	1185.6	1203.9	718.0	11893	422.8	1372.7	718.0	11894	646.4	1332.0	718.0
11895	597.0	1332.0	718.0	11896	547.5	1332.0	718.0	11897	498.1	1332.0	718.0
11898	422.8	1332.0	718.0	11899	728.9	1372.7	718.0	11900	1283.3	1203.9	718.0
11901	728.9	1332.0	718.0	11902	811.4	1372.7	718.0	11903	811.4	1332.0	718.0
11904	770.1	1372.7	718.0	11905	770.1	1332.0	718.0	11906	1000.0	1372.7	718.0
11907	1000.0	1332.0	718.0	11908	1234.5	1203.9	718.0	11909	952.9	1372.7	718.0
11910	905.7	1372.7	718.0	11911	858.5	1372.7	718.0	11912	952.9	1332.0	718.0
11913	905.7	1332.0	718.0	11914	858.5	1332.0	718.0	11915	1075.4	1372.7	718.0
11916	1383.0	1203.9	718.0	11917	1075.4	1332.0	718.0	11918	1037.7	1372.7	718.0
11919	1037.7	1332.0	718.0	11920	1107.2	1372.7	718.0	11921	1107.2	1332.0	718.0
11922	1140.5	1372.7	718.0	11923	1140.5	1332.0	718.0	11924	1333.2	1203.9	718.0
11925	1185.6	1372.7	718.0	11926	1185.6	1332.0	718.0	11927	1283.3	1372.7	718.0
11928	1283.3	1332.0	718.0	11929	1234.5	1372.7	718.0	11930	1234.5	1332.0	718.0
11931	1383.0	1372.7	718.0	11932	1520.8	1203.9	718.0	11933	1383.0	1332.0	718.0
11934	1333.2	1372.7	718.0	11935	1333.2	1332.0	718.0	11936	1520.8	1372.7	718.0
11937	1520.8	1332.0	718.0	11938	1474.8	1372.7	718.0	11939	1428.9	1372.7	718.0
11940	1474.8	1203.9	718.0	11941	1428.9	1203.9	718.0	11942	1474.8	1332.0	718.0
11943	1428.9	1332.0	718.0	11944	1643.2	1372.7	718.0	11945	1643.2	1332.0	718.0
11946	1582.0	1372.7	718.0	11947	1582.0	1332.0	718.0	11948	1690.3	1372.7	718.0
11949	1690.3	1332.0	718.0	11950	1721.3	1372.7	718.0	11951	1721.3	1332.0	718.0
11952	1825.7	1372.7	718.0	11953	1825.7	1332.0	718.0	11954	1773.5	1372.7	718.0
11955	1773.5	1332.0	718.0	11956	1643.2	1203.9	718.0	11957	2005.4	1372.7	718.0
11958	2005.4	1332.0	718.0	11959	1960.5	1372.7	718.0	11960	1915.5	1372.7	718.0
11961	1870.6	1372.7	718.0	11962	1960.5	1332.0	718.0	11963	1915.5	1332.0	718.0
11964	1582.0	1203.9	718.0	11965	1870.6	1332.0	718.0	11966	2074.8	1372.7	718.0
11967	2074.8	1332.0	718.0	11968	2163.1	1372.7	718.0	11969	2163.1	1332.0	718.0
11970	2119.0	1372.7	718.0	11971	2119.0	1332.0	718.0	11972	1690.3	1203.9	718.0
11973	2211.0	1372.7	718.0	11974	2211.0	1332.0	718.0	11975	2270.1	1372.7	718.0
11976	2270.1	1332.0	718.0	11977	2355.0	1372.7	718.0	11978	2355.0	1332.0	718.0
11979	2312.6	1372.7	718.0	11980	1721.3	1203.9	718.0	11981	2312.6	1332.0	718.0
11982	2428.9	1372.7	718.0	11983	2428.9	1332.0	718.0	11984	2392.0	1372.7	718.0
11985	2392.0	1332.0	718.0	11986	2490.2	1372.7	718.0	11987	2490.2	1332.0	718.0
11988	1825.7	1203.9	718.0	11989	2545.9	1372.7	718.0	11990	2545.9	1332.0	718.0
11991	2572.1	1372.7	718.0	11992	2572.1	1332.0	718.0	11993	2642.7	1372.7	718.0
11994	2642.7	1332.0	718.0	11995	2685.3	1372.7	718.0	11996	1773.5	1203.9	718.0
11997	2685.3	1332.0	718.0	11998	-1434.4	546.1	718.0	11999	2711.2	1332.0	718.0
12000	2664.6	1563.7	718.0	12001	2591.5	1927.8	718.0	12002	597.0	1720.4	718.0
12003	1107.2	1820.0	718.0	12004	2005.4	1203.9	718.0	12005	-804.5	1446.9	718.0
12006	241.4	1563.7	718.0	12007	-767.4	1423.6	718.0	12008	-767.4	1454.2	718.0
12009	-58.9	1592.4	718.0	12010	-734.3	1460.6	718.0	12011	-734.3	1430.0	718.0
12012	1960.5	1203.9	718.0	12013	1915.5	1203.9	718.0	12014	1870.6	1203.9	718.0
12015	-1365.3	1337.4	718.0	12016	-621.1	1418.7	718.0	12017	1690.3	1933.8	718.0
12018	1825.7	1960.3	718.0	12019	-677.7	1418.7	718.0	12020	2005.4	1995.3	718.0
12021	1870.6	1969.0	718.0	12022	-407.1	1418.7	718.0	12023	-407.1	1464.8	718.0
12024	1915.5	1977.8	718.0	12025	-514.1	1503.6	718.0	12026	-567.6	1493.1	718.0
12027	-460.6	1418.7	718.0	12028	-514.1	1418.7	718.0	12029	-567.6	1418.7	718.0
12030	-460.6	1464.8	718.0	12031	-514.1	1473.0	718.0	12032	1721.3	1939.9	718.0
12033	-255.7	1523.5	718.0	12034	-257.4	1418.7	718.0	12035	-257.4	1464.8	718.0
12036	2074.8	1203.9	718.0	12037	1075.4	1813.8	718.0	12038	-255.7	1554.0	718.0
12039	-306.1	1418.7	718.0	12040	-356.6	1418.7	718.0	12041	-306.1	1464.8	718.0
12042	-356.6	1464.8	718.0	12043	-208.6	1510.9	718.0	12044	2163.1	1203.9	718.0
12045	-208.6	1418.7	718.0	12046	-208.6	1464.8	718.0	12047	-62.2	1510.9	718.0
12048	-62.2	1418.7	718.0	12049	-62.2	1464.8	718.0	12050	-111.0	1510.9	718.0
12051	-159.8	1510.9	718.0	12052	2119.0	1203.9	718.0	12053	-111.0	1418.7	718.0
12054	-159.8	1418.7	718.0	12055	-111.0	1464.8	718.0	12056	-159.8	1464.8	718.0
12057	-10.4	1510.9	718.0	12058	-10.4	1418.7	718.0	12059	-10.4	1464.8	718.0
12060	2211.0	1203.9	718.0	12061	241.4	1510.9	718.0	12062	241.4	1418.7	718.0
12063	241.4	1464.8	718.0	12064	192.0	1510.9	718.0	12065	142.6	1510.9	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
12066	93.1	1510.9	718.0	12067	41.4	1510.9	718.0	12068	2270.1	1203.9	718.0
12069	192.0	1418.7	718.0	12070	142.6	1418.7	718.0	12071	93.1	1418.7	718.0
12072	41.4	1418.7	718.0	12073	192.0	1464.8	718.0	12074	142.6	1464.8	718.0
12075	93.1	1464.8	718.0	12076	2355.0	1203.9	718.0	12077	41.4	1464.8	718.0
12078	389.7	1510.9	718.0	12079	389.7	1418.7	718.0	12080	389.7	1464.8	718.0
12081	340.3	1510.9	718.0	12082	290.8	1510.9	718.0	12083	340.3	1418.7	718.0
12084	2312.6	1203.9	718.0	12085	290.8	1418.7	718.0	12086	340.3	1464.8	718.0
12087	290.8	1464.8	718.0	12088	695.8	1510.9	718.0	12089	695.8	1418.7	718.0
12090	695.8	1464.8	718.0	12091	646.4	1510.9	718.0	12092	2428.9	1203.9	718.0
12093	597.0	1510.9	718.0	12094	547.5	1510.9	718.0	12095	498.1	1510.9	718.0
12096	422.8	1510.9	718.0	12097	646.4	1418.7	718.0	12098	597.0	1418.7	718.0
12099	547.5	1418.7	718.0	12100	2392.0	1203.9	718.0	12101	498.1	1418.7	718.0
12102	422.8	1418.7	718.0	12103	646.4	1464.8	718.0	12104	597.0	1464.8	718.0
12105	547.5	1464.8	718.0	12106	498.1	1464.8	718.0	12107	422.8	1464.8	718.0
12108	2490.2	1203.9	718.0	12109	728.9	1510.9	718.0	12110	728.9	1418.7	718.0
12111	728.9	1464.8	718.0	12112	811.4	1510.9	718.0	12113	811.4	1418.7	718.0
12114	811.4	1464.8	718.0	12115	770.1	1510.9	718.0	12116	2545.9	1203.9	718.0
12117	770.1	1418.7	718.0	12118	770.1	1464.8	718.0	12119	1000.0	1510.9	718.0
12120	1000.0	1418.7	718.0	12121	2705.7	546.1	718.0	12122	2736.9	546.1	718.0
12123	1428.9	791.2	718.0	12124	1643.2	791.2	718.0	12125	1582.0	791.2	718.0
12126	1690.3	791.2	718.0	12127	1721.3	791.2	718.0	12128	2751.9	421.5	718.0
12129	2751.9	465.3	718.0	12130	2751.9	509.1	718.0	12131	1825.7	791.2	718.0
12132	1773.5	791.2	718.0	12133	2005.4	791.2	718.0	12134	1960.5	791.2	718.0
12135	1915.5	791.2	718.0	12136	1870.6	791.2	718.0	12137	2074.8	791.2	718.0
12138	2163.1	791.2	718.0	12139	2119.0	791.2	718.0	12140	2211.0	791.2	718.0
12141	2270.1	791.2	718.0	12142	2355.0	791.2	718.0	12143	2312.6	791.2	718.0
12144	2428.9	791.2	718.0	12145	2392.0	791.2	718.0	12146	2490.2	791.2	718.0
12147	2545.9	791.2	718.0	12148	2572.1	791.2	718.0	12149	2642.7	791.2	718.0
12150	2685.3	791.2	718.0	12151	2705.7	791.2	718.0	12152	2736.9	791.2	718.0
12153	1075.4	822.3	718.0	12154	1075.4	870.0	718.0	12155	1075.4	917.7	718.0
12156	1075.4	965.4	718.0	12157	1075.4	1013.1	718.0	12158	1075.4	1060.8	718.0
12159	1075.4	1108.5	718.0	12160	1075.4	1156.2	718.0	12161	1107.2	822.3	718.0
12162	1107.2	870.0	718.0	12163	1107.2	917.7	718.0	12164	1107.2	965.4	718.0
12165	1107.2	1013.1	718.0	12166	1107.2	1060.8	718.0	12167	1107.2	1108.5	718.0
12168	1107.2	1156.2	718.0	12169	1140.5	822.3	718.0	12170	1140.5	870.0	718.0
12171	1140.5	917.7	718.0	12172	1140.5	965.4	718.0	12173	1140.5	1013.1	718.0
12174	1140.5	1060.8	718.0	12175	1140.5	1108.5	718.0	12176	1140.5	1156.2	718.0
12177	1185.6	822.3	718.0	12178	1283.3	822.3	718.0	12179	1234.5	822.3	718.0
12180	1383.0	822.3	718.0	12181	1333.2	822.3	718.0	12182	1520.8	822.3	718.0
12183	1474.8	822.3	718.0	12184	1428.9	822.3	718.0	12185	1643.2	822.3	718.0
12186	1582.0	822.3	718.0	12187	1690.3	822.3	718.0	12188	1721.3	822.3	718.0
12189	1825.7	822.3	718.0	12190	1773.5	822.3	718.0	12191	2005.4	822.3	718.0
12192	1960.5	822.3	718.0	12193	1915.5	822.3	718.0	12194	1870.6	822.3	718.0
12195	2074.8	822.3	718.0	12196	2163.1	822.3	718.0	12197	2119.0	822.3	718.0
12198	2211.0	822.3	718.0	12199	2270.1	822.3	718.0	12200	2355.0	822.3	718.0
12201	2312.6	822.3	718.0	12202	2428.9	822.3	718.0	12203	2392.0	822.3	718.0
12204	2490.2	822.3	718.0	12205	2545.9	822.3	718.0	12206	1185.6	870.0	718.0
12207	1185.6	917.7	718.0	12208	1185.6	965.4	718.0	12209	1185.6	1013.1	718.0
12210	1185.6	1060.8	718.0	12211	1185.6	1108.5	718.0	12212	1185.6	1156.2	718.0
12213	1283.3	870.0	718.0	12214	1283.3	917.7	718.0	12215	1283.3	965.4	718.0
12216	1283.3	1013.1	718.0	12217	1283.3	1060.8	718.0	12218	1283.3	1108.5	718.0
12219	1283.3	1156.2	718.0	12220	1234.5	870.0	718.0	12221	1234.5	917.7	718.0
12222	1234.5	965.4	718.0	12223	1234.5	1013.1	718.0	12224	1234.5	1060.8	718.0
12225	1234.5	1108.5	718.0	12226	1234.5	1156.2	718.0	12227	1383.0	870.0	718.0
12228	1383.0	917.7	718.0	12229	1383.0	965.4	718.0	12230	1383.0	1013.1	718.0
12231	1383.0	1060.8	718.0	12232	1383.0	1108.5	718.0	12233	1383.0	1156.2	718.0
12234	1333.2	870.0	718.0	12235	1333.2	917.7	718.0	12236	1333.2	965.4	718.0
12237	1333.2	1013.1	718.0	12238	1333.2	1060.8	718.0	12239	1333.2	1108.5	718.0
12240	1333.2	1156.2	718.0	12241	1520.8	870.0	718.0	12242	1520.8	917.7	718.0
12243	1520.8	965.4	718.0	12244	1520.8	1013.1	718.0	12245	1520.8	1060.8	718.0
12246	1520.8	1108.5	718.0	12247	1520.8	1156.2	718.0	12248	1474.8	870.0	718.0
12249	1428.9	870.0	718.0	12250	1474.8	917.7	718.0	12251	1428.9	917.7	718.0
12252	1474.8	965.4	718.0	12253	1428.9	965.4	718.0	12254	1474.8	1013.1	718.0
12255	1428.9	1013.1	718.0	12256	1474.8	1060.8	718.0	12257	1428.9	1060.8	718.0
12258	1474.8	1108.5	718.0	12259	1428.9	1108.5	718.0	12260	1474.8	1156.2	718.0
12261	1428.9	1156.2	718.0	12262	1643.2	870.0	718.0	12263	1643.2	917.7	718.0
12264	1643.2	965.4	718.0	12265	1643.2	1013.1	718.0	12266	1643.2	1060.8	718.0
12267	1643.2	1108.5	718.0	12268	1643.2	1156.2	718.0	12269	1582.0	870.0	718.0
12270	1582.0	917.7	718.0	12271	1582.0	965.4	718.0	12272	1582.0	1013.1	718.0
12273	1582.0	1060.8	718.0	12274	1582.0	1108.5	718.0	12275	1582.0	1156.2	718.0
12276	1690.3	870.0	718.0	12277	1690.3	917.7	718.0	12278	1690.3	965.4	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
12279	1690.3	1013.1	718.0	12280	1690.3	1060.8	718.0	12281	1690.3	1108.5	718.0
12282	1690.3	1156.2	718.0	12283	1721.3	870.0	718.0	12284	1721.3	917.7	718.0
12285	1721.3	965.4	718.0	12286	1721.3	1013.1	718.0	12287	1721.3	1060.8	718.0
12288	1721.3	1108.5	718.0	12289	1721.3	1156.2	718.0	12290	1825.7	870.0	718.0
12291	1825.7	917.7	718.0	12292	1825.7	965.4	718.0	12293	1825.7	1013.1	718.0
12294	1825.7	1060.8	718.0	12295	1825.7	1108.5	718.0	12296	1825.7	1156.2	718.0
12297	1773.5	870.0	718.0	12298	1773.5	917.7	718.0	12299	1773.5	965.4	718.0
12300	1773.5	1013.1	718.0	12301	1773.5	1060.8	718.0	12302	1773.5	1108.5	718.0
12303	1773.5	1156.2	718.0	12304	2005.4	870.0	718.0	12305	2005.4	917.7	718.0
12306	2005.4	965.4	718.0	12307	2005.4	1013.1	718.0	12308	2005.4	1060.8	718.0
12309	2005.4	1108.5	718.0	12310	2005.4	1156.2	718.0	12311	1960.5	870.0	718.0
12312	1915.5	870.0	718.0	12313	1870.6	870.0	718.0	12314	1960.5	917.7	718.0
12315	1915.5	917.7	718.0	12316	1870.6	917.7	718.0	12317	1960.5	965.4	718.0
12318	1915.5	965.4	718.0	12319	1870.6	965.4	718.0	12320	1960.5	1013.1	718.0
12321	1915.5	1013.1	718.0	12322	1870.6	1013.1	718.0	12323	1960.5	1060.8	718.0
12324	1915.5	1060.8	718.0	12325	1870.6	1060.8	718.0	12326	1960.5	1108.5	718.0
12327	1915.5	1108.5	718.0	12328	1870.6	1108.5	718.0	12329	1960.5	1156.2	718.0
12330	1915.5	1156.2	718.0	12331	1870.6	1156.2	718.0	12332	2074.8	870.0	718.0
12333	2074.8	917.7	718.0	12334	2074.8	965.4	718.0	12335	2074.8	1013.1	718.0
12336	2074.8	1060.8	718.0	12337	2074.8	1108.5	718.0	12338	2074.8	1156.2	718.0
12339	2163.1	870.0	718.0	12340	2163.1	917.7	718.0	12341	2163.1	965.4	718.0
12342	2163.1	1013.1	718.0	12343	2163.1	1060.8	718.0	12344	2163.1	1108.5	718.0
12345	2163.1	1156.2	718.0	12346	2119.0	870.0	718.0	12347	2119.0	917.7	718.0
12348	2119.0	965.4	718.0	12349	2119.0	1013.1	718.0	12350	2119.0	1060.8	718.0
12351	2119.0	1108.5	718.0	12352	2119.0	1156.2	718.0	12353	2211.0	870.0	718.0
12354	1075.4	377.7	718.0	12355	2211.0	917.7	718.0	12356	2211.0	965.4	718.0
12357	2211.0	1013.1	718.0	12358	1107.2	377.7	718.0	12359	2211.0	1060.8	718.0
12360	2211.0	1108.5	718.0	12361	2211.0	1156.2	718.0	12362	1140.5	377.7	718.0
12363	2270.1	870.0	718.0	12364	2270.1	917.7	718.0	12365	2270.1	965.4	718.0
12366	1185.6	377.7	718.0	12367	2270.1	1013.1	718.0	12368	2270.1	1060.8	718.0
12369	2270.1	1108.5	718.0	12370	1283.3	377.7	718.0	12371	2270.1	1156.2	718.0
12372	2355.0	870.0	718.0	12373	2355.0	917.7	718.0	12374	1234.5	377.7	718.0
12375	2355.0	965.4	718.0	12376	2355.0	1013.1	718.0	12377	2355.0	1060.8	718.0
12378	1383.0	377.7	718.0	12379	2355.0	1108.5	718.0	12380	2355.0	1156.2	718.0
12381	2312.6	1156.2	718.0	12382	1333.2	377.7	718.0	12383	2312.6	1108.5	718.0
12384	2312.6	1060.8	718.0	12385	2312.6	1013.1	718.0	12386	1520.8	377.7	718.0
12387	2312.6	965.4	718.0	12388	2312.6	917.7	718.0	12389	2312.6	870.0	718.0
12390	1474.8	377.7	718.0	12391	1428.9	377.7	718.0	12392	2428.9	870.0	718.0
12393	2428.9	917.7	718.0	12394	2428.9	965.4	718.0	12395	2428.9	1013.1	718.0
12396	2428.9	1060.8	718.0	12397	2428.9	1108.5	718.0	12398	1643.2	377.7	718.0
12399	2428.9	1156.2	718.0	12400	2392.0	1156.2	718.0	12401	2392.0	1108.5	718.0
12402	1582.0	377.7	718.0	12403	2392.0	1060.8	718.0	12404	2392.0	1013.1	718.0
12405	2392.0	965.4	718.0	12406	1690.3	377.7	718.0	12407	2392.0	917.7	718.0
12408	2392.0	870.0	718.0	12409	2490.2	870.0	718.0	12410	1721.3	377.7	718.0
12411	2490.2	917.7	718.0	12412	2490.2	965.4	718.0	12413	2490.2	1013.1	718.0
12414	1825.7	377.7	718.0	12415	2490.2	1060.8	718.0	12416	2490.2	1108.5	718.0
12417	2490.2	1156.2	718.0	12418	1773.5	377.7	718.0	12419	2545.9	870.0	718.0
12420	2545.9	917.7	718.0	12421	2545.9	965.4	718.0	12422	2005.4	377.7	718.0
12423	2545.9	1013.1	718.0	12424	2545.9	1060.8	718.0	12425	2545.9	1108.5	718.0
12426	1960.5	377.7	718.0	12427	1915.5	377.7	718.0	12428	1870.6	377.7	718.0
12429	2545.9	1156.2	718.0	12430	2572.1	822.3	718.0	12431	2572.1	870.0	718.0
12432	2572.1	917.7	718.0	12433	2572.1	965.4	718.0	12434	2572.1	1013.1	718.0
12435	2572.1	1060.8	718.0	12436	2572.1	1108.5	718.0	12437	2572.1	1156.2	718.0
12438	2074.8	377.7	718.0	12439	2642.7	822.3	718.0	12440	2642.7	870.0	718.0
12441	2642.7	917.7	718.0	12442	2163.1	377.7	718.0	12443	2642.7	965.4	718.0
12444	2642.7	1013.1	718.0	12445	2642.7	1060.8	718.0	12446	2119.0	377.7	718.0
12447	2642.7	1108.5	718.0	12448	2642.7	1156.2	718.0	12449	2685.3	822.3	718.0
12450	2211.0	377.7	718.0	12451	2685.3	870.0	718.0	12452	2685.3	917.7	718.0
12453	2685.3	965.4	718.0	12454	2270.1	377.7	718.0	12455	2685.3	1013.1	718.0
12456	2685.3	1060.8	718.0	12457	2685.3	1108.5	718.0	12458	2355.0	377.7	718.0
12459	2685.3	1156.2	718.0	12460	2705.7	822.3	718.0	12461	2705.7	870.0	718.0
12462	2312.6	377.7	718.0	12463	2705.7	917.7	718.0	12464	2705.7	965.4	718.0
12465	2705.7	1013.1	718.0	12466	2428.9	377.7	718.0	12467	2705.7	1060.8	718.0
12468	2705.7	1108.5	718.0	12469	2705.7	1156.2	718.0	12470	2392.0	377.7	718.0
12471	2736.9	822.3	718.0	12472	2736.9	870.0	718.0	12473	2736.9	917.7	718.0
12474	2490.2	377.7	718.0	12475	2736.9	965.4	718.0	12476	2736.9	1013.1	718.0
12477	2736.9	1060.8	718.0	12478	2545.9	377.7	718.0	12479	2736.9	1108.5	718.0
12480	2736.9	1156.2	718.0	12481	2751.9	1156.2	718.0	12482	2572.1	377.7	718.0
12483	2751.9	791.2	718.0	12484	2751.9	623.2	718.0	12485	2751.9	584.7	718.0
12486	2642.7	377.7	718.0	12487	2751.9	870.0	718.0	12488	2751.9	726.0	718.0
12489	2751.9	965.4	718.0	12490	2685.3	377.7	718.0	12491	2751.9	1013.1	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
12492	2751.9	546.1	718.0	12493	2751.9	1060.8	718.0	12494	2705.7	377.7	718.0
12495	2751.9	674.6	718.0	12496	2751.9	755.8	718.0	12497	2751.9	917.7	718.0
12498	2736.9	377.7	718.0	12499	2751.9	1108.5	718.0	12500	2751.9	822.3	718.0
12501	2751.9	377.7	718.0	12502	1075.4	509.1	718.0	12503	1075.4	465.3	718.0
12504	1075.4	421.5	718.0	12505	1107.2	509.1	718.0	12506	1107.2	465.3	718.0
12507	1107.2	421.5	718.0	12508	1140.5	509.1	718.0	12509	1140.5	421.5	718.0
12510	1140.5	465.3	718.0	12511	1185.6	509.1	718.0	12512	1185.6	421.5	718.0
12513	1185.6	465.3	718.0	12514	1283.3	509.1	718.0	12515	1283.3	421.5	718.0
12516	1283.3	465.3	718.0	12517	1234.5	509.1	718.0	12518	1234.5	465.3	718.0
12519	1234.5	421.5	718.0	12520	1383.0	509.1	718.0	12521	1333.2	509.1	718.0
12522	1383.0	465.3	718.0	12523	1383.0	421.5	718.0	12524	1333.2	421.5	718.0
12525	1333.2	465.3	718.0	12526	1520.8	509.1	718.0	12527	1428.9	509.1	718.0
12528	1474.8	509.1	718.0	12529	1520.8	465.3	718.0	12530	1520.8	421.5	718.0
12531	1474.8	421.5	718.0	12532	1474.8	465.3	718.0	12533	1428.9	421.5	718.0
12534	1428.9	465.3	718.0	12535	1643.2	509.1	718.0	12536	1582.0	509.1	718.0
12537	1643.2	465.3	718.0	12538	1643.2	421.5	718.0	12539	1582.0	421.5	718.0
12540	1582.0	465.3	718.0	12541	1690.3	509.1	718.0	12542	1690.3	465.3	718.0
12543	1690.3	421.5	718.0	12544	1721.3	509.1	718.0	12545	1721.3	421.5	718.0
12546	1721.3	465.3	718.0	12547	1825.7	509.1	718.0	12548	1825.7	421.5	718.0
12549	1825.7	465.3	718.0	12550	1773.5	509.1	718.0	12551	1773.5	465.3	718.0
12552	1773.5	421.5	718.0	12553	2005.4	509.1	718.0	12554	2005.4	421.5	718.0
12555	2005.4	465.3	718.0	12556	1960.5	509.1	718.0	12557	1915.5	509.1	718.0
12558	1870.6	509.1	718.0	12559	1960.5	465.3	718.0	12560	1960.5	421.5	718.0
12561	1915.5	465.3	718.0	12562	1915.5	421.5	718.0	12563	1870.6	465.3	718.0
12564	1870.6	421.5	718.0	12565	2074.8	509.1	718.0	12566	2074.8	421.5	718.0
12567	2074.8	465.3	718.0	12568	2163.1	509.1	718.0	12569	2163.1	421.5	718.0
12570	2163.1	465.3	718.0	12571	2119.0	509.1	718.0	12572	2119.0	465.3	718.0
12573	2119.0	421.5	718.0	12574	2211.0	509.1	718.0	12575	2211.0	421.5	718.0
12576	2211.0	465.3	718.0	12577	2270.1	509.1	718.0	12578	2270.1	421.5	718.0
12579	2270.1	465.3	718.0	12580	2355.0	509.1	718.0	12581	2355.0	421.5	718.0
12582	2355.0	465.3	718.0	12583	2312.6	509.1	718.0	12584	2312.6	465.3	718.0
12585	2312.6	421.5	718.0	12586	2428.9	509.1	718.0	12587	2428.9	421.5	718.0
12588	2428.9	465.3	718.0	12589	2392.0	509.1	718.0	12590	2392.0	465.3	718.0
12591	2392.0	421.5	718.0	12592	2490.2	509.1	718.0	12593	2490.2	421.5	718.0
12594	2490.2	465.3	718.0	12595	2545.9	509.1	718.0	12596	2545.9	421.5	718.0
12597	2545.9	465.3	718.0	12598	2572.1	509.1	718.0	12599	2572.1	421.5	718.0
12600	2572.1	465.3	718.0	12601	2642.7	509.1	718.0	12602	2642.7	421.5	718.0
12603	2642.7	465.3	718.0	12604	2685.3	509.1	718.0	12605	2685.3	421.5	718.0
12606	2685.3	465.3	718.0	12607	2705.7	509.1	718.0	12608	2705.7	421.5	718.0
12609	2705.7	465.3	718.0	12610	2736.9	509.1	718.0	12611	2736.9	421.5	718.0
12612	2736.9	465.3	718.0	12613	1075.4	546.1	718.0	12614	1107.2	546.1	718.0
12615	1140.5	546.1	718.0	12616	1185.6	546.1	718.0	12617	1283.3	546.1	718.0
12618	1234.5	546.1	718.0	12619	1383.0	546.1	718.0	12620	1333.2	546.1	718.0
12621	1520.8	546.1	718.0	12622	1474.8	546.1	718.0	12623	1428.9	546.1	718.0
12624	1643.2	546.1	718.0	12625	1582.0	546.1	718.0	12626	1690.3	546.1	718.0
12627	1721.3	546.1	718.0	12628	1825.7	546.1	718.0	12629	1773.5	546.1	718.0
12630	2005.4	546.1	718.0	12631	1960.5	546.1	718.0	12632	1915.5	546.1	718.0
12633	1870.6	546.1	718.0	12634	2074.8	546.1	718.0	12635	2163.1	546.1	718.0
12636	2119.0	546.1	718.0	12637	2211.0	546.1	718.0	12638	2270.1	546.1	718.0
12639	2355.0	546.1	718.0	12640	2312.6	546.1	718.0	12641	2428.9	546.1	718.0
12642	2392.0	546.1	718.0	12643	2490.2	546.1	718.0	12644	2545.9	546.1	718.0
12645	2572.1	546.1	718.0	12646	2642.7	546.1	718.0	12647	2685.3	546.1	718.0
12648	1075.4	623.2	718.0	12649	1075.4	584.7	718.0	12650	1107.2	623.2	718.0
12651	1107.2	584.7	718.0	12652	1140.5	623.2	718.0	12653	1140.5	584.7	718.0
12654	1185.6	623.2	718.0	12655	1185.6	584.7	718.0	12656	1283.3	623.2	718.0
12657	1283.3	584.7	718.0	12658	1234.5	623.2	718.0	12659	1234.5	584.7	718.0
12660	1383.0	623.2	718.0	12661	1383.0	584.7	718.0	12662	1333.2	623.2	718.0
12663	1333.2	584.7	718.0	12664	1520.8	623.2	718.0	12665	1520.8	584.7	718.0
12666	1474.8	623.2	718.0	12667	1428.9	623.2	718.0	12668	1474.8	584.7	718.0
12669	1428.9	584.7	718.0	12670	1643.2	623.2	718.0	12671	1643.2	584.7	718.0
12672	1582.0	623.2	718.0	12673	1582.0	584.7	718.0	12674	1690.3	623.2	718.0
12675	1690.3	584.7	718.0	12676	1721.3	623.2	718.0	12677	1721.3	584.7	718.0
12678	1825.7	623.2	718.0	12679	1825.7	584.7	718.0	12680	1773.5	623.2	718.0
12681	1773.5	584.7	718.0	12682	2005.4	623.2	718.0	12683	2005.4	584.7	718.0
12684	1960.5	623.2	718.0	12685	1915.5	623.2	718.0	12686	1870.6	623.2	718.0
12687	1960.5	584.7	718.0	12688	1915.5	584.7	718.0	12689	1870.6	584.7	718.0
12690	2074.8	623.2	718.0	12691	2074.8	584.7	718.0	12692	2163.1	623.2	718.0
12693	2163.1	584.7	718.0	12694	2119.0	623.2	718.0	12695	2119.0	584.7	718.0
12696	2211.0	623.2	718.0	12697	2211.0	584.7	718.0	12698	2270.1	623.2	718.0
12699	2270.1	584.7	718.0	12700	2355.0	623.2	718.0	12701	2355.0	584.7	718.0
12702	2312.6	623.2	718.0	12703	2312.6	584.7	718.0	12704	2428.9	623.2	718.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
12705	2428.9	584.7	718.0	12706	2392.0	623.2	718.0	12707	2392.0	584.7	718.0
12708	2490.2	623.2	718.0	12709	2490.2	584.7	718.0	12710	2545.9	623.2	718.0
12711	2545.9	584.7	718.0	12712	2572.1	623.2	718.0	12713	2572.1	584.7	718.0
12714	2642.7	623.2	718.0	12715	2642.7	584.7	718.0	12716	2685.3	623.2	718.0
12717	2685.3	584.7	718.0	12718	2705.7	623.2	718.0	12719	2705.7	584.7	718.0
12720	2736.9	623.2	718.0	12721	2736.9	584.7	718.0	12722	1075.4	726.0	718.0
12723	1075.4	674.6	718.0	12724	1107.2	726.0	718.0	12725	1107.2	674.6	718.0
12726	1140.5	726.0	718.0	12727	1140.5	674.6	718.0	12728	1185.6	726.0	718.0
12729	1185.6	674.6	718.0	12730	1283.3	726.0	718.0	12731	1283.3	674.6	718.0
12732	1234.5	726.0	718.0	12733	1234.5	674.6	718.0	12734	1383.0	726.0	718.0
12735	1383.0	674.6	718.0	12736	1333.2	726.0	718.0	12737	1333.2	674.6	718.0
12738	1520.8	726.0	718.0	12739	1520.8	674.6	718.0	12740	1474.8	726.0	718.0
12741	1428.9	726.0	718.0	12742	1474.8	674.6	718.0	12743	1428.9	674.6	718.0
12744	1643.2	726.0	718.0	12745	1643.2	674.6	718.0	12746	1582.0	726.0	718.0
12747	1582.0	674.6	718.0	12748	1690.3	726.0	718.0	12749	1690.3	674.6	718.0
12750	1474.8	755.8	718.0	12751	1428.9	755.8	718.0	12752	1825.7	726.0	718.0
12753	1825.7	674.6	718.0	12754	1643.2	755.8	718.0	12755	1582.0	755.8	718.0
12756	2005.4	726.0	718.0	12757	2005.4	674.6	718.0	12758	1960.5	726.0	718.0
12759	1915.5	726.0	718.0	12760	1870.6	726.0	718.0	12761	1960.5	674.6	718.0
12762	1915.5	674.6	718.0	12763	1870.6	674.6	718.0	12764	2074.8	726.0	718.0
12765	2074.8	674.6	718.0	12766	2163.1	726.0	718.0	12767	2163.1	674.6	718.0
12768	2119.0	726.0	718.0	12769	2119.0	674.6	718.0	12770	2211.0	726.0	718.0
12771	2211.0	674.6	718.0	12772	2270.1	726.0	718.0	12773	2270.1	674.6	718.0
12774	2355.0	726.0	718.0	12775	2355.0	674.6	718.0	12776	2312.6	726.0	718.0
12777	2312.6	674.6	718.0	12778	2428.9	726.0	718.0	12779	2428.9	674.6	718.0
12780	2392.0	726.0	718.0	12781	2392.0	674.6	718.0	12782	2490.2	726.0	718.0
12783	2490.2	674.6	718.0	12784	2705.7	726.0	718.0	12785	2736.9	726.0	718.0
12786	2736.9	674.6	718.0	12787	2705.7	674.6	718.0	12788	2685.3	726.0	718.0
12789	2685.3	674.6	718.0	12790	2642.7	726.0	718.0	12791	2642.7	674.6	718.0
12792	2572.1	726.0	718.0	12793	2572.1	674.6	718.0	12794	2545.9	726.0	718.0
12795	2545.9	674.6	718.0	12796	1075.4	755.8	718.0	12797	1107.2	755.8	718.0
12798	1140.5	755.8	718.0	12799	1185.6	755.8	718.0	12800	1283.3	755.8	718.0
12801	1234.5	755.8	718.0	12802	1383.0	755.8	718.0	12803	1333.2	755.8	718.0
12804	1520.8	755.8	718.0	12805	1721.3	726.0	718.0	12806	1721.3	674.6	718.0
12807	1773.5	726.0	718.0	12808	1773.5	674.6	718.0	12809	1690.3	755.8	718.0
12810	1721.3	755.8	718.0	12811	1825.7	755.8	718.0	12812	1773.5	755.8	718.0
12813	2005.4	755.8	718.0	12814	1960.5	755.8	718.0	12815	1915.5	755.8	718.0
12816	1870.6	755.8	718.0	12817	2074.8	755.8	718.0	12818	2163.1	755.8	718.0
12819	2119.0	755.8	718.0	12820	2211.0	755.8	718.0	12821	2270.1	755.8	718.0
12822	2355.0	755.8	718.0	12823	2312.6	755.8	718.0	12824	2736.9	755.8	718.0
12825	2705.7	755.8	718.0	12826	2685.3	755.8	718.0	12827	2642.7	755.8	718.0
12828	2572.1	755.8	718.0	12829	2545.9	755.8	718.0	12830	2490.2	755.8	718.0
12831	2428.9	755.8	718.0	12832	2392.0	755.8	718.0	12833	1283.3	791.2	718.0
12834	1383.0	791.2	718.0	12835	1333.2	791.2	718.0	12836	1075.4	791.2	718.0
12837	1107.2	791.2	718.0	12838	1140.5	791.2	718.0	12839	1185.6	791.2	718.0
12840	1037.7	791.2	718.0	12841	1037.7	822.3	718.0	12842	1037.7	377.7	718.0
12843	1037.7	421.5	718.0	12844	1037.7	465.3	718.0	12845	1037.7	509.1	718.0
12846	1037.7	546.1	718.0	12847	1037.7	584.7	718.0	12848	1037.7	623.2	718.0
12849	1037.7	674.6	718.0	12850	1037.7	726.0	718.0	12851	1037.7	755.8	718.0
12852	1037.7	870.0	718.0	12853	1037.7	917.7	718.0	12854	1037.7	965.4	718.0
12855	1037.7	1013.1	718.0	12856	1037.7	1060.8	718.0	12857	1037.7	1108.5	718.0
12858	1037.7	1156.2	718.0	12859	1075.4	357.7	718.0	12860	1107.2	357.7	718.0
12861	1140.5	357.7	718.0	12862	1185.6	357.7	718.0	12863	1283.3	357.7	718.0
12864	1234.5	357.7	718.0	12865	1383.0	357.7	718.0	12866	1333.2	357.7	718.0
12867	1520.8	357.7	718.0	12868	1474.8	357.7	718.0	12869	1428.9	357.7	718.0
12870	1643.2	357.7	718.0	12871	1582.0	357.7	718.0	12872	1690.3	357.7	718.0
12873	1721.3	357.7	718.0	12874	1825.7	357.7	718.0	12875	1773.5	357.7	718.0
12876	2005.4	357.7	718.0	12877	1960.5	357.7	718.0	12878	1915.5	357.7	718.0
12879	1870.6	357.7	718.0	12880	2074.8	357.7	718.0	12881	2163.1	357.7	718.0
12882	2119.0	357.7	718.0	12883	2211.0	357.7	718.0	12884	2270.1	357.7	718.0
12885	2355.0	357.7	718.0	12886	2312.6	357.7	718.0	12887	2428.9	357.7	718.0
12888	2392.0	357.7	718.0	12889	2490.2	357.7	718.0	12890	2545.9	357.7	718.0
12891	2572.1	357.7	718.0	12892	2642.7	357.7	718.0	12893	2685.3	357.7	718.0
12894	2705.7	357.7	718.0	12895	2736.9	357.7	718.0	12896	2751.9	357.7	718.0
12897	1000.0	332.6	718.0	12898	1075.4	242.3	718.0	12899	-1579.0	1265.1	340.0
12900	-1124.5	377.7	340.0	12901	-1124.5	197.2	340.0	12902	-1124.5	332.6	340.0
12903	-1124.5	287.5	340.0	12904	-1124.5	242.3	340.0	12905	-1073.8	197.2	340.0
12906	-1023.2	197.2	340.0	12907	-972.5	197.2	340.0	12908	-1073.8	377.7	340.0
12909	-1023.2	242.3	340.0	12910	-1073.8	242.3	340.0	12911	-1023.2	287.5	340.0
12912	-1073.8	287.5	340.0	12913	-1073.8	332.6	340.0	12914	-1124.5	0.0	310.5
12915	-871.2	0.0	310.5	12916	-1124.5	147.9	340.0	12917	-1124.5	98.6	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
12918	-1124.5	49.3	340.0	12919	-1073.8	0.0	310.5	12920	-1023.2	0.0	310.5
12921	-972.5	0.0	310.5	12922	-921.8	0.0	310.5	12923	-921.8	49.3	340.0
12924	-972.5	49.3	340.0	12925	-1023.2	49.3	340.0	12926	-1073.8	49.3	340.0
12927	-921.8	98.6	340.0	12928	-972.5	98.6	340.0	12929	-1023.2	98.6	340.0
12930	-1073.8	98.6	340.0	12931	-972.5	147.9	340.0	12932	-1023.2	147.9	340.0
12933	-1073.8	147.9	340.0	12934	-1124.5	465.3	340.0	12935	-1124.5	421.5	340.0
12936	-1324.5	0.0	310.5	12937	-1269.0	0.0	310.5	12938	-1220.8	0.0	310.5
12939	-1172.7	0.0	310.5	12940	-1172.7	197.2	340.0	12941	-1220.8	197.2	340.0
12942	-1269.0	197.2	340.0	12943	-1317.2	197.2	340.0	12944	-1172.7	49.3	340.0
12945	-1220.8	49.3	340.0	12946	-1269.0	49.3	340.0	12947	-1334.5	49.3	340.0
12948	-1409.3	421.5	340.0	12949	-1328.5	19.5	340.0	12950	-1172.7	98.6	340.0
12951	-1220.8	98.6	340.0	12952	-1269.0	98.6	340.0	12953	-1317.2	98.6	340.0
12954	-1172.7	147.9	340.0	12955	-1220.8	147.9	340.0	12956	-1269.0	147.9	340.0
12957	-1317.2	147.9	340.0	12958	-1172.7	377.7	340.0	12959	-1220.8	377.7	340.0
12960	-1269.0	377.7	340.0	12961	-1317.2	377.7	340.0	12962	-1365.3	377.7	340.0
12963	-1172.7	242.3	340.0	12964	-1220.8	242.3	340.0	12965	-1269.0	242.3	340.0
12966	-1317.2	242.3	340.0	12967	-1373.3	242.3	340.0	12968	-1172.7	287.5	340.0
12969	-1220.8	287.5	340.0	12970	-1269.0	287.5	340.0	12971	-1317.2	287.5	340.0
12972	-1365.3	287.5	340.0	12973	-1172.7	332.6	340.0	12974	-1220.8	332.6	340.0
12975	-1269.0	332.6	340.0	12976	-1317.2	332.6	340.0	12977	-1365.3	332.6	340.0
12978	-1172.7	509.1	340.0	12979	-1220.8	509.1	340.0	12980	-1269.0	509.1	340.0
12981	-1317.2	509.1	340.0	12982	-1365.3	509.1	340.0	12983	-1427.0	509.1	340.0
12984	-1172.7	421.5	340.0	12985	-1220.8	421.5	340.0	12986	-1269.0	421.5	340.0
12987	-1317.2	421.5	340.0	12988	-1365.3	421.5	340.0	12989	-1172.7	465.3	340.0
12990	-1220.8	465.3	340.0	12991	-1269.0	465.3	340.0	12992	-1317.2	465.3	340.0
12993	-1365.3	465.3	340.0	12994	-1172.7	546.1	340.0	12995	-1220.8	546.1	340.0
12996	-1269.0	546.1	340.0	12997	-1317.2	546.1	340.0	12998	-1365.3	546.1	340.0
12999	-1413.5	546.1	340.0	13000	-1220.8	623.2	340.0	13001	-1269.0	623.2	340.0
13002	-1317.2	623.2	340.0	13003	-1365.3	623.2	340.0	13004	-1413.5	623.2	340.0
13005	-1220.8	584.7	340.0	13006	-1269.0	584.7	340.0	13007	-1317.2	584.7	340.0
13008	-1365.3	584.7	340.0	13009	-1413.5	584.7	340.0	13010	-1317.2	726.0	340.0
13011	-1365.3	726.0	340.0	13012	-1413.5	726.0	340.0	13013	-1470.6	726.0	340.0
13014	-1269.0	674.6	340.0	13015	-1317.2	674.6	340.0	13016	-1365.3	674.6	340.0
13017	-1413.5	674.6	340.0	13018	-1317.2	755.8	340.0	13019	-1365.3	755.8	340.0
13020	-1413.5	755.8	340.0	13021	-1476.6	755.8	340.0	13022	-1317.2	791.2	340.0
13023	-1365.3	791.2	340.0	13024	-1413.5	791.2	340.0	13025	-1461.7	791.2	340.0
13026	-1365.3	822.3	340.0	13027	-1413.5	822.3	340.0	13028	-1461.7	822.3	340.0
13029	-1509.9	1108.5	340.0	13030	-1509.9	1060.8	340.0	13031	-1509.9	1013.1	340.0
13032	-1518.7	965.4	340.0	13033	-1365.3	870.0	340.0	13034	-1413.5	870.0	340.0
13035	-1461.7	870.0	340.0	13036	-1413.5	917.7	340.0	13037	-1461.7	917.7	340.0
13038	-1461.7	965.4	340.0	13039	-1461.7	1013.1	340.0	13040	-1483.7	791.2	340.0
13041	-871.2	19.5	340.0	13042	-921.8	19.5	340.0	13043	-972.5	19.5	340.0
13044	-1023.2	19.5	340.0	13045	-1073.8	19.5	340.0	13046	-1124.5	19.5	340.0
13047	-1172.7	19.5	340.0	13048	-1220.8	19.5	340.0	13049	-1269.0	19.5	340.0
13050	-1344.4	98.6	340.0	13051	-1354.3	147.9	340.0	13052	-1364.2	197.2	340.0
13053	-1400.5	377.7	340.0	13054	-1124.5	-15.0	340.0	13055	-871.2	-15.0	340.0
13056	-1073.8	-15.0	340.0	13057	-1023.2	-15.0	340.0	13058	-972.5	-15.0	340.0
13059	-921.8	-15.0	340.0	13060	-1442.2	584.7	340.0	13061	-1449.9	623.2	340.0
13062	-1460.2	674.6	340.0	13063	-1382.4	287.5	340.0	13064	-1269.0	-15.0	340.0
13065	-1220.8	-15.0	340.0	13066	-1172.7	-15.0	340.0	13067	-1418.1	465.3	340.0
13068	-1490.0	822.3	340.0	13069	-1499.6	870.0	340.0	13070	-1509.2	917.7	340.0
13071	-1528.3	1013.1	340.0	13072	-1537.9	1060.8	340.0	13073	-1547.5	1108.5	340.0
13074	-1557.1	1156.2	340.0	13075	-1566.7	1203.9	340.0	13076	646.4	287.5	820.6
13077	-1575.5	1247.6	340.0	13078	-1391.4	332.6	340.0	13079	-1434.4	546.1	340.0
13080	1075.4	287.5	718.0	13081	-1461.7	870.0	-80.0	13082	-1172.7	917.7	-80.0
13083	-1220.8	917.7	-80.0	13084	-1269.0	917.7	-80.0	13085	2705.7	546.1	1095.0
13086	2736.9	546.1	1095.0	13087	1428.9	791.2	1095.0	13088	1643.2	791.2	1095.0
13089	1582.0	791.2	1095.0	13090	1690.3	791.2	1095.0	13091	1721.3	791.2	1095.0
13092	2751.9	421.5	1095.0	13093	2751.9	465.3	1095.0	13094	2751.9	509.1	1095.0
13095	1825.7	791.2	1095.0	13096	1773.5	791.2	1095.0	13097	2005.4	791.2	1095.0
13098	1960.5	791.2	1095.0	13099	1915.5	791.2	1095.0	13100	-1317.2	917.7	-80.0
13101	1870.6	791.2	1095.0	13102	2074.8	791.2	1095.0	13103	-1365.3	917.7	-80.0
13104	2163.1	791.2	1095.0	13105	2119.0	791.2	1095.0	13106	2211.0	791.2	1095.0
13107	2270.1	791.2	1095.0	13108	2355.0	791.2	1095.0	13109	2312.6	791.2	1095.0
13110	2428.9	791.2	1095.0	13111	2392.0	791.2	1095.0	13112	2490.2	791.2	1095.0
13113	2545.9	791.2	1095.0	13114	-1413.5	917.7	-80.0	13115	2572.1	791.2	1095.0
13116	2642.7	791.2	1095.0	13117	2685.3	791.2	1095.0	13118	2705.7	791.2	1095.0
13119	2736.9	791.2	1095.0	13120	1075.4	822.3	1095.0	13121	-1461.7	917.7	-80.0
13122	1075.4	870.0	1095.0	13123	1075.4	917.7	1095.0	13124	1075.4	965.4	1095.0
13125	1075.4	1013.1	1095.0	13126	1075.4	1060.8	1095.0	13127	1075.4	1108.5	1095.0
13128	-1172.7	965.4	-80.0	13129	1075.4	1156.2	1095.0	13130	1107.2	822.3	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
13131	-1220.8	965.4	-80.0	13132	1107.2	870.0	1095.0	13133	1107.2	917.7	1095.0
13134	1107.2	965.4	1095.0	13135	1107.2	1013.1	1095.0	13136	1107.2	1060.8	1095.0
13137	1107.2	1108.5	1095.0	13138	-1269.0	965.4	-80.0	13139	1107.2	1156.2	1095.0
13140	1140.5	822.3	1095.0	13141	1140.5	870.0	1095.0	13142	1140.5	917.7	1095.0
13143	1140.5	965.4	1095.0	13144	1140.5	1013.1	1095.0	13145	-1317.2	965.4	-80.0
13146	1140.5	1060.8	1095.0	13147	1140.5	1108.5	1095.0	13148	1140.5	1156.2	1095.0
13149	1185.6	822.3	1095.0	13150	1283.3	822.3	1095.0	13151	1234.5	822.3	1095.0
13152	-1365.3	965.4	-80.0	13153	1383.0	822.3	1095.0	13154	1333.2	822.3	1095.0
13155	1520.8	822.3	1095.0	13156	1474.8	822.3	1095.0	13157	1428.9	822.3	1095.0
13158	1643.2	822.3	1095.0	13159	-1393.3	965.4	-80.0	13160	1582.0	822.3	1095.0
13161	1690.3	822.3	1095.0	13162	1721.3	822.3	1095.0	13163	1825.7	822.3	1095.0
13164	1773.5	822.3	1095.0	13165	2005.4	822.3	1095.0	13166	-1461.7	965.4	-80.0
13167	1960.5	822.3	1095.0	13168	1915.5	822.3	1095.0	13169	1870.6	822.3	1095.0
13170	2074.8	822.3	1095.0	13171	2163.1	822.3	1095.0	13172	2119.0	822.3	1095.0
13173	-818.9	-65.0	-80.0	13174	2211.0	822.3	1095.0	13175	2270.1	822.3	1095.0
13176	2355.0	822.3	1095.0	13177	2312.6	822.3	1095.0	13178	2428.9	822.3	1095.0
13179	2392.0	822.3	1095.0	13180	-1124.5	-65.0	-80.0	13181	2490.2	822.3	1095.0
13182	2545.9	822.3	1095.0	13183	1185.6	870.0	1095.0	13184	1185.6	917.7	1095.0
13185	1185.6	965.4	1095.0	13186	1185.6	1013.1	1095.0	13187	-871.2	-65.0	-80.0
13188	1185.6	1060.8	1095.0	13189	1185.6	1108.5	1095.0	13190	1185.6	1156.2	1095.0
13191	1283.3	870.0	1095.0	13192	1283.3	917.7	1095.0	13193	1283.3	965.4	1095.0
13194	-1073.8	-65.0	-80.0	13195	1283.3	1013.1	1095.0	13196	1283.3	1060.8	1095.0
13197	1283.3	1108.5	1095.0	13198	1283.3	1156.2	1095.0	13199	1234.5	870.0	1095.0
13200	1234.5	917.7	1095.0	13201	-1023.2	-65.0	-80.0	13202	1234.5	965.4	1095.0
13203	1234.5	1013.1	1095.0	13204	1234.5	1060.8	1095.0	13205	1234.5	1108.5	1095.0
13206	1234.5	1156.2	1095.0	13207	1075.4	0.0	718.0	13208	1075.4	197.2	718.0
13209	1075.4	49.3	718.0	13210	1075.4	98.6	718.0	13211	1075.4	147.9	718.0
13212	1075.4	19.5	718.0	13213	1037.7	332.6	718.0	13214	1037.7	-15.0	718.0
13215	1037.7	0.0	718.0	13216	1383.0	870.0	1095.0	13217	1037.7	19.5	718.0
13218	1037.7	49.3	718.0	13219	1037.7	98.6	718.0	13220	1037.7	147.9	718.0
13221	1037.7	197.2	718.0	13222	1037.7	242.3	718.0	13223	1037.7	287.5	718.0
13224	1383.0	917.7	1095.0	13225	1383.0	965.4	1095.0	13226	1383.0	1013.1	1095.0
13227	1383.0	1060.8	1095.0	13228	1383.0	1108.5	1095.0	13229	-972.5	-65.0	-80.0
13230	1383.0	1156.2	1095.0	13231	1333.2	870.0	1095.0	13232	-921.8	-65.0	-80.0
13233	1333.2	917.7	1095.0	13234	1333.2	965.4	1095.0	13235	1333.2	1013.1	1095.0
13236	1333.2	1060.8	1095.0	13237	1333.2	1108.5	1095.0	13238	1333.2	1156.2	1095.0
13239	1520.8	870.0	1095.0	13240	1520.8	917.7	1095.0	13241	1520.8	965.4	1095.0
13242	1520.8	1013.1	1095.0	13243	-1269.0	-65.0	-80.0	13244	1520.8	1060.8	1095.0
13245	1520.8	1108.5	1095.0	13246	1520.8	1156.2	1095.0	13247	1474.8	870.0	1095.0
13248	1428.9	870.0	1095.0	13249	1474.8	917.7	1095.0	13250	-1220.8	-65.0	-80.0
13251	1428.9	917.7	1095.0	13252	1474.8	965.4	1095.0	13253	1428.9	965.4	1095.0
13254	1474.8	1013.1	1095.0	13255	1428.9	1013.1	1095.0	13256	1474.8	1060.8	1095.0
13257	-1172.7	-65.0	-80.0	13258	1428.9	1060.8	1095.0	13259	1474.8	1108.5	1095.0
13260	1428.9	1108.5	1095.0	13261	1474.8	1156.2	1095.0	13262	1428.9	1156.2	1095.0
13263	1643.2	870.0	1095.0	13264	-1567.1	-65.0	-80.0	13265	1643.2	917.7	1095.0
13266	1643.2	965.4	1095.0	13267	1643.2	1013.1	1095.0	13268	1643.2	1060.8	1095.0
13269	1643.2	1108.5	1095.0	13270	1643.2	1156.2	1095.0	13271	-1462.8	-65.0	-80.0
13272	1582.0	870.0	1095.0	13273	1582.0	917.7	1095.0	13274	1582.0	965.4	1095.0
13275	1582.0	1013.1	1095.0	13276	1582.0	1060.8	1095.0	13277	1582.0	1108.5	1095.0
13278	-1415.7	-65.0	-80.0	13279	1582.0	1156.2	1095.0	13280	1690.3	870.0	1095.0
13281	1690.3	917.7	1095.0	13282	1690.3	965.4	1095.0	13283	1690.3	1013.1	1095.0
13284	1690.3	1060.8	1095.0	13285	-1368.6	-65.0	-80.0	13286	1690.3	1108.5	1095.0
13287	1690.3	1156.2	1095.0	13288	1721.3	870.0	1095.0	13289	1721.3	917.7	1095.0
13290	-1321.5	-65.0	-80.0	13291	1721.3	965.4	1095.0	13292	1721.3	1013.1	1095.0
13293	1721.3	1060.8	1095.0	13294	1721.3	1108.5	1095.0	13295	1721.3	1156.2	1095.0
13296	1825.7	870.0	1095.0	13297	1825.7	917.7	1095.0	13298	1825.7	965.4	1095.0
13299	1825.7	1013.1	1095.0	13300	1825.7	1060.8	1095.0	13301	-1509.9	-65.0	-80.0
13302	1825.7	1108.5	1095.0	13303	1825.7	1156.2	1095.0	13304	1773.5	870.0	1095.0
13305	1773.5	917.7	1095.0	13306	1773.5	965.4	1095.0	13307	1773.5	1013.1	1095.0
13308	-818.9	-115.0	-80.0	13309	1773.5	1060.8	1095.0	13310	1773.5	1108.5	1095.0
13311	1773.5	1156.2	1095.0	13312	2005.4	870.0	1095.0	13313	2005.4	917.7	1095.0
13314	2005.4	965.4	1095.0	13315	-1124.5	-115.0	-80.0	13316	2005.4	1013.1	1095.0
13317	2005.4	1060.8	1095.0	13318	-871.2	-115.0	-80.0	13319	2005.4	1108.5	1095.0
13320	2005.4	1156.2	1095.0	13321	1960.5	870.0	1095.0	13322	1915.5	870.0	1095.0
13323	1870.6	870.0	1095.0	13324	1960.5	917.7	1095.0	13325	-1073.8	-115.0	-80.0
13326	1915.5	917.7	1095.0	13327	1870.6	917.7	1095.0	13328	1960.5	965.4	1095.0
13329	1915.5	965.4	1095.0	13330	1870.6	965.4	1095.0	13331	1960.5	1013.1	1095.0
13332	-1023.2	-115.0	-80.0	13333	1915.5	1013.1	1095.0	13334	1870.6	1013.1	1095.0
13335	1960.5	1060.8	1095.0	13336	1915.5	1060.8	1095.0	13337	1870.6	1060.8	1095.0
13338	1960.5	1108.5	1095.0	13339	1915.5	1108.5	1095.0	13340	1870.6	1108.5	1095.0
13341	1960.5	1156.2	1095.0	13342	1915.5	1156.2	1095.0	13343	-972.5	-115.0	-80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
13344	1870.6	1156.2	1095.0	13345	2074.8	870.0	1095.0	13346	2074.8	917.7	1095.0
13347	2074.8	965.4	1095.0	13348	2074.8	1013.1	1095.0	13349	2074.8	1060.8	1095.0
13350	-921.8	-115.0	-80.0	13351	2074.8	1108.5	1095.0	13352	2074.8	1156.2	1095.0
13353	2163.1	870.0	1095.0	13354	2163.1	917.7	1095.0	13355	2163.1	965.4	1095.0
13356	2163.1	1013.1	1095.0	13357	-1269.0	-115.0	-80.0	13358	2163.1	1060.8	1095.0
13359	2163.1	1108.5	1095.0	13360	2163.1	1156.2	1095.0	13361	2119.0	870.0	1095.0
13362	2119.0	917.7	1095.0	13363	2119.0	965.4	1095.0	13364	-1220.8	-115.0	-80.0
13365	2119.0	1013.1	1095.0	13366	2119.0	1060.8	1095.0	13367	2119.0	1108.5	1095.0
13368	2119.0	1156.2	1095.0	13369	2211.0	870.0	1095.0	13370	1075.4	377.7	1095.0
13371	-1172.7	-115.0	-80.0	13372	2211.0	917.7	1095.0	13373	2211.0	965.4	1095.0
13374	2211.0	1013.1	1095.0	13375	1107.2	377.7	1095.0	13376	2211.0	1060.8	1095.0
13377	2211.0	1108.5	1095.0	13378	-1567.1	-115.0	-80.0	13379	2211.0	1156.2	1095.0
13380	1140.5	377.7	1095.0	13381	2270.1	870.0	1095.0	13382	2270.1	917.7	1095.0
13383	2270.1	965.4	1095.0	13384	1185.6	377.7	1095.0	13385	-1462.8	-115.0	-80.0
13386	2270.1	1013.1	1095.0	13387	2270.1	1060.8	1095.0	13388	2270.1	1108.5	1095.0
13389	1283.3	377.7	1095.0	13390	2270.1	1156.2	1095.0	13391	2355.0	870.0	1095.0
13392	-1415.7	-115.0	-80.0	13393	2355.0	917.7	1095.0	13394	1234.5	377.7	1095.0
13395	2355.0	965.4	1095.0	13396	2355.0	1013.1	1095.0	13397	2355.0	1060.8	1095.0
13398	1383.0	377.7	1095.0	13399	-1368.6	-115.0	-80.0	13400	2355.0	1108.5	1095.0
13401	2355.0	1156.2	1095.0	13402	2312.6	1156.2	1095.0	13403	1333.2	377.7	1095.0
13404	2312.6	1108.5	1095.0	13405	2312.6	1060.8	1095.0	13406	-1321.5	-115.0	-80.0
13407	2312.6	1013.1	1095.0	13408	1520.8	377.7	1095.0	13409	2312.6	965.4	1095.0
13410	2312.6	917.7	1095.0	13411	2312.6	870.0	1095.0	13412	1474.8	377.7	1095.0
13413	-1509.9	-115.0	-80.0	13414	1428.9	377.7	1095.0	13415	2428.9	870.0	1095.0
13416	2428.9	917.7	1095.0	13417	2428.9	965.4	1095.0	13418	2428.9	1013.1	1095.0
13419	2428.9	1060.8	1095.0	13420	2576.0	2106.7	718.0	13421	2428.9	1108.5	1095.0
13422	1643.2	377.7	1095.0	13423	2428.9	1156.2	1095.0	13424	2392.0	1156.2	1095.0
13425	2392.0	1108.5	1095.0	13426	1582.0	377.7	1095.0	13427	2560.6	2103.7	718.0
13428	2392.0	1060.8	1095.0	13429	2392.0	1013.1	1095.0	13430	2392.0	965.4	1095.0
13431	1690.3	377.7	1095.0	13432	2392.0	917.7	1095.0	13433	2392.0	870.0	1095.0
13434	2534.4	2098.6	718.0	13435	2490.2	870.0	1095.0	13436	1721.3	377.7	1095.0
13437	2490.2	917.7	1095.0	13438	2490.2	965.4	1095.0	13439	2490.2	1013.1	1095.0
13440	1825.7	377.7	1095.0	13441	2380.5	2068.5	718.0	13442	2490.2	1060.8	1095.0
13443	2490.2	1108.5	1095.0	13444	2417.4	2075.7	718.0	13445	2490.2	1156.2	1095.0
13446	1773.5	377.7	1095.0	13447	2545.9	870.0	1095.0	13448	2545.9	917.7	1095.0
13449	2545.9	965.4	1095.0	13450	2005.4	377.7	1095.0	13451	2545.9	1013.1	1095.0
13452	2545.9	1060.8	1095.0	13453	2545.9	1108.5	1095.0	13454	1960.5	377.7	1095.0
13455	2478.7	2087.7	718.0	13456	1915.5	377.7	1095.0	13457	1870.6	377.7	1095.0
13458	2386.2	2039.1	718.0	13459	2545.9	1156.2	1095.0	13460	2572.1	822.3	1095.0
13461	2572.1	870.0	1095.0	13462	2572.1	917.7	1095.0	13463	2572.1	965.4	1095.0
13464	2572.1	1013.1	1095.0	13465	2572.1	1060.8	1095.0	13466	2572.1	1108.5	1095.0
13467	2572.1	1156.2	1095.0	13468	2074.8	377.7	1095.0	13469	2423.1	2046.3	718.0
13470	2642.7	822.3	1095.0	13471	2642.7	870.0	1095.0	13472	2642.7	917.7	1095.0
13473	2163.1	377.7	1095.0	13474	2642.7	965.4	1095.0	13475	2642.7	1013.1	1095.0
13476	2484.5	2058.3	718.0	13477	2642.7	1060.8	1095.0	13478	2119.0	377.7	1095.0
13479	2642.7	1108.5	1095.0	13480	2642.7	1156.2	1095.0	13481	2685.3	822.3	1095.0
13482	2211.0	377.7	1095.0	13483	2540.1	2069.1	718.0	13484	2685.3	870.0	1095.0
13485	2685.3	917.7	1095.0	13486	2685.3	965.4	1095.0	13487	2270.1	377.7	1095.0
13488	2685.3	1013.1	1095.0	13489	2685.3	1060.8	1095.0	13490	2566.3	2074.2	718.0
13491	2685.3	1108.5	1095.0	13492	2355.0	377.7	1095.0	13493	2581.9	2077.3	718.0
13494	2685.3	1156.2	1095.0	13495	2705.7	822.3	1095.0	13496	2705.7	870.0	1095.0
13497	2312.6	377.7	1095.0	13498	2705.7	917.7	1095.0	13499	2705.7	965.4	1095.0
13500	2705.7	1013.1	1095.0	13501	2428.9	377.7	1095.0	13502	2705.7	1060.8	1095.0
13503	2705.7	1108.5	1095.0	13504	2576.0	2106.7	340.0	13505	2705.7	1156.2	1095.0
13506	2392.0	377.7	1095.0	13507	2736.9	822.3	1095.0	13508	2736.9	870.0	1095.0
13509	2736.9	917.7	1095.0	13510	2490.2	377.7	1095.0	13511	2560.6	2103.7	340.0
13512	2736.9	965.4	1095.0	13513	2736.9	1013.1	1095.0	13514	2736.9	1060.8	1095.0
13515	2545.9	377.7	1095.0	13516	2736.9	1108.5	1095.0	13517	2736.9	1156.2	1095.0
13518	2736.9	19.5	718.0	13519	2751.9	1156.2	1095.0	13520	2572.1	377.7	1095.0
13521	2751.9	791.2	1095.0	13522	2751.9	623.2	1095.0	13523	2534.4	2098.6	340.0
13524	2751.9	584.7	1095.0	13525	2642.7	377.7	1095.0	13526	2751.9	870.0	1095.0
13527	2751.9	726.0	1095.0	13528	2751.9	965.4	1095.0	13529	2685.3	377.7	1095.0
13530	2751.9	1013.1	1095.0	13531	2751.9	546.1	1095.0	13532	2751.9	1060.8	1095.0
13533	2705.7	377.7	1095.0	13534	2380.5	2068.5	340.0	13535	2751.9	674.6	1095.0
13536	2751.9	755.8	1095.0	13537	2751.9	917.7	1095.0	13538	2736.9	377.7	1095.0
13539	2751.9	1108.5	1095.0	13540	2751.9	822.3	1095.0	13541	2417.4	2075.7	340.0
13542	2751.9	377.7	1095.0	13543	1075.4	509.1	1095.0	13544	1075.4	465.3	1095.0
13545	1075.4	421.5	1095.0	13546	1107.2	509.1	1095.0	13547	1107.2	465.3	1095.0
13548	2478.7	2087.7	340.0	13549	1107.2	421.5	1095.0	13550	1140.5	509.1	1095.0
13551	1140.5	421.5	1095.0	13552	1140.5	465.3	1095.0	13553	1185.6	509.1	1095.0
13554	1185.6	421.5	1095.0	13555	2386.2	2039.1	340.0	13556	1185.6	465.3	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
13557	1283.3	509.1	1095.0	13558	2423.1	2046.3	340.0	13559	1283.3	421.5	1095.0
13560	1283.3	465.3	1095.0	13561	1234.5	509.1	1095.0	13562	1234.5	465.3	1095.0
13563	1234.5	421.5	1095.0	13564	1383.0	509.1	1095.0	13565	2484.5	2058.3	340.0
13566	1333.2	509.1	1095.0	13567	1383.0	465.3	1095.0	13568	1383.0	421.5	1095.0
13569	1333.2	421.5	1095.0	13570	1333.2	465.3	1095.0	13571	1520.8	509.1	1095.0
13572	1428.9	509.1	1095.0	13573	1474.8	509.1	1095.0	13574	1520.8	465.3	1095.0
13575	1520.8	421.5	1095.0	13576	2540.1	2069.1	340.0	13577	1474.8	421.5	1095.0
13578	1474.8	465.3	1095.0	13579	2566.3	2074.2	340.0	13580	1428.9	421.5	1095.0
13581	1428.9	465.3	1095.0	13582	1643.2	509.1	1095.0	13583	1582.0	509.1	1095.0
13584	1643.2	465.3	1095.0	13585	1643.2	421.5	1095.0	13586	1582.0	421.5	1095.0
13587	1582.0	465.3	1095.0	13588	1773.5	19.5	718.0	13589	-208.6	332.6	1095.0
13590	2581.9	2077.3	340.0	13591	-208.6	287.5	1095.0	13592	-1509.9	197.2	718.0
13593	-1509.9	19.5	718.0	13594	-1567.1	19.5	718.0	13595	-1567.1	197.2	718.0
13596	-1509.9	152.8	718.0	13597	-1509.9	108.3	718.0	13598	-1509.9	63.9	718.0
13599	-1567.1	63.9	718.0	13600	-1567.1	108.3	718.0	13601	-1567.1	152.8	718.0
13602	-1584.3	19.5	718.0	13603	-1584.3	197.2	718.0	13604	-1584.3	63.9	718.0
13605	-1584.3	108.3	718.0	13606	-1584.3	152.8	718.0	13607	-1584.3	546.1	718.0
13608	-1567.1	546.1	718.0	13609	-1509.9	546.1	718.0	13610	-1567.1	726.0	718.0
13611	-1584.3	623.2	718.0	13612	-1567.1	674.6	718.0	13613	-1584.3	0.0	697.4
13614	-1567.1	0.0	697.4	13615	-1509.9	0.0	697.4	13616	-1584.3	584.7	718.0
13617	646.4	287.5	867.5	13618	-1567.1	-15.0	718.0	13619	-1509.9	-15.0	718.0
13620	-1567.1	623.2	718.0	13621	-1584.3	377.7	718.0	13622	-1567.1	584.7	718.0
13623	-1509.9	623.2	718.0	13624	-1509.9	584.7	718.0	13625	-1584.3	242.3	718.0
13626	-1584.3	287.5	718.0	13627	-1584.3	332.6	718.0	13628	-1567.1	377.7	718.0
13629	-1567.1	242.3	718.0	13630	-1567.1	287.5	718.0	13631	-1567.1	332.6	718.0
13632	-1509.9	377.7	718.0	13633	-1509.9	242.3	718.0	13634	-1509.9	287.5	718.0
13635	-1509.9	332.6	718.0	13636	-1509.9	726.0	718.0	13637	-1584.3	509.1	718.0
13638	-1584.3	726.0	718.0	13639	-1509.9	674.6	718.0	13640	-1584.3	421.5	718.0
13641	-1584.3	465.3	718.0	13642	-1567.1	509.1	718.0	13643	-1567.1	421.5	718.0
13644	-1567.1	465.3	718.0	13645	-1509.9	509.1	718.0	13646	-1509.9	421.5	718.0
13647	-1509.9	465.3	718.0	13648	-1584.3	674.6	718.0	13649	-1584.3	755.8	718.0
13650	-1567.1	755.8	718.0	13651	-1509.9	755.8	718.0	13652	-1584.3	791.2	718.0
13653	-1567.1	791.2	718.0	13654	-1528.5	822.3	718.0	13655	-1584.3	822.3	718.0
13656	-1567.1	822.3	718.0	13657	-1464.0	465.3	718.0	13658	-1584.3	1203.9	718.0
13659	-1567.1	870.0	718.0	13660	-1567.1	917.7	718.0	13661	-1567.1	965.4	718.0
13662	-1567.1	1013.1	718.0	13663	-1468.4	509.1	718.0	13664	-1472.1	546.1	718.0
13665	-1471.2	584.4	718.0	13666	-1584.3	1156.2	718.0	13667	-1584.3	1108.5	718.0
13668	-1584.3	1060.8	718.0	13669	-1584.3	1013.1	718.0	13670	-1584.3	965.4	718.0
13671	-1584.3	917.7	718.0	13672	-1584.3	870.0	718.0	13673	-1584.3	1247.6	718.0
13674	-1462.8	-15.0	718.0	13675	-1415.7	-15.0	718.0	13676	-1368.6	-15.0	718.0
13677	-1370.9	0.0	697.4	13678	-1417.2	0.0	697.4	13679	-1463.5	0.0	697.4
13680	-1373.8	19.5	718.0	13681	-1419.2	19.5	718.0	13682	-1464.5	19.5	718.0
13683	-1378.3	53.0	718.0	13684	-1422.2	56.6	718.0	13685	-1466.0	60.3	718.0
13686	-1399.5	101.8	718.0	13687	-1454.7	105.1	718.0	13688	-1406.1	149.5	718.0
13689	-1458.0	151.1	718.0	13690	-1412.8	197.2	718.0	13691	-1461.3	197.2	718.0
13692	-1418.8	242.3	718.0	13693	-1464.3	242.3	718.0	13694	-1424.9	287.5	718.0
13695	-1467.4	287.5	718.0	13696	-1450.7	332.6	718.0	13697	-1455.2	377.7	718.0
13698	-1459.6	421.5	718.0	13699	-1525.4	791.2	718.0	13700	-1584.3	1265.1	718.0
13701	1107.2	546.1	1095.0	13702	1140.5	546.1	1095.0	13703	1185.6	546.1	1095.0
13704	1283.3	546.1	1095.0	13705	1234.5	546.1	1095.0	13706	1383.0	546.1	1095.0
13707	1333.2	546.1	1095.0	13708	2270.1	421.5	1095.0	13709	1520.8	546.1	1095.0
13710	1474.8	546.1	1095.0	13711	-208.6	242.3	1095.0	13712	1428.9	546.1	1095.0
13713	1643.2	546.1	1095.0	13714	2312.6	465.3	1095.0	13715	1582.0	546.1	1095.0
13716	-1567.1	332.6	1095.0	13717	1690.3	546.1	1095.0	13718	1721.3	546.1	1095.0
13719	1825.7	546.1	1095.0	13720	-1458.0	151.1	1095.0	13721	1773.5	546.1	1095.0
13722	2005.4	546.1	1095.0	13723	1960.5	546.1	1095.0	13724	-1509.9	377.7	1095.0
13725	-1509.9	242.3	1095.0	13726	1915.5	546.1	1095.0	13727	1870.6	546.1	1095.0
13728	2074.8	546.1	1095.0	13729	2163.1	546.1	1095.0	13730	-1509.9	287.5	1095.0
13731	-1509.9	332.6	1095.0	13732	2119.0	546.1	1095.0	13733	2211.0	546.1	1095.0
13734	2270.1	546.1	1095.0	13735	2355.0	546.1	1095.0	13736	2312.6	546.1	1095.0
13737	-62.2	242.3	1095.0	13738	-1509.9	726.0	1095.0	13739	2428.9	546.1	1095.0
13740	-62.2	287.5	1095.0	13741	-62.2	332.6	1095.0	13742	2392.0	546.1	1095.0
13743	2490.2	546.1	1095.0	13744	2545.9	546.1	1095.0	13745	-1412.8	197.2	1095.0
13746	-1461.3	197.2	1095.0	13747	2572.1	546.1	1095.0	13748	-1584.3	509.1	1095.0
13749	-111.0	242.3	1095.0	13750	2642.7	546.1	1095.0	13751	-1584.3	726.0	1095.0
13752	-1509.9	674.6	1095.0	13753	-1584.3	421.5	1095.0	13754	2685.3	546.1	1095.0
13755	1075.4	623.2	1095.0	13756	1075.4	584.7	1095.0	13757	1107.2	623.2	1095.0
13758	1107.2	584.7	1095.0	13759	1140.5	623.2	1095.0	13760	1140.5	584.7	1095.0
13761	1185.6	623.2	1095.0	13762	-1584.3	465.3	1095.0	13763	1185.6	584.7	1095.0
13764	1283.3	623.2	1095.0	13765	1283.3	584.7	1095.0	13766	2428.9	421.5	1095.0
13767	1234.5	623.2	1095.0	13768	1234.5	584.7	1095.0	13769	1383.0	623.2	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
13770	1383.0	584.7	1095.0	13771	1333.2	623.2	1095.0	13772	1333.2	584.7	1095.0
13773	1520.8	623.2	1095.0	13774	1520.8	584.7	1095.0	13775	1474.8	623.2	1095.0
13776	1428.9	623.2	1095.0	13777	1474.8	584.7	1095.0	13778	1428.9	584.7	1095.0
13779	1643.2	623.2	1095.0	13780	1643.2	584.7	1095.0	13781	1582.0	623.2	1095.0
13782	1582.0	584.7	1095.0	13783	1690.3	623.2	1095.0	13784	1690.3	584.7	1095.0
13785	1721.3	623.2	1095.0	13786	1721.3	584.7	1095.0	13787	1825.7	623.2	1095.0
13788	1825.7	584.7	1095.0	13789	1773.5	623.2	1095.0	13790	1773.5	584.7	1095.0
13791	2005.4	623.2	1095.0	13792	2005.4	584.7	1095.0	13793	1960.5	623.2	1095.0
13794	1915.5	623.2	1095.0	13795	1870.6	623.2	1095.0	13796	1960.5	584.7	1095.0
13797	1915.5	584.7	1095.0	13798	1870.6	584.7	1095.0	13799	2074.8	623.2	1095.0
13800	2074.8	584.7	1095.0	13801	2163.1	623.2	1095.0	13802	2163.1	584.7	1095.0
13803	2119.0	623.2	1095.0	13804	2119.0	584.7	1095.0	13805	2211.0	623.2	1095.0
13806	2211.0	584.7	1095.0	13807	2428.9	465.3	1095.0	13808	2270.1	623.2	1095.0
13809	2270.1	584.7	1095.0	13810	2355.0	623.2	1095.0	13811	2355.0	584.7	1095.0
13812	2312.6	623.2	1095.0	13813	2312.6	584.7	1095.0	13814	-159.8	242.3	1095.0
13815	2428.9	623.2	1095.0	13816	2428.9	584.7	1095.0	13817	2392.0	623.2	1095.0
13818	2392.0	509.1	1095.0	13819	2392.0	465.3	1095.0	13820	2392.0	584.7	1095.0
13821	2490.2	623.2	1095.0	13822	2490.2	584.7	1095.0	13823	2545.9	623.2	1095.0
13824	2545.9	584.7	1095.0	13825	2572.1	623.2	1095.0	13826	2572.1	584.7	1095.0
13827	2642.7	623.2	1095.0	13828	2642.7	584.7	1095.0	13829	2685.3	623.2	1095.0
13830	2685.3	584.7	1095.0	13831	2705.7	623.2	1095.0	13832	2705.7	584.7	1095.0
13833	2736.9	623.2	1095.0	13834	2736.9	584.7	1095.0	13835	1075.4	726.0	1095.0
13836	1075.4	674.6	1095.0	13837	1107.2	726.0	1095.0	13838	1107.2	674.6	1095.0
13839	-1567.1	509.1	1095.0	13840	1140.5	726.0	1095.0	13841	1140.5	674.6	1095.0
13842	1185.6	726.0	1095.0	13843	1185.6	674.6	1095.0	13844	-1567.1	421.5	1095.0
13845	-111.0	287.5	1095.0	13846	1283.3	726.0	1095.0	13847	1283.3	674.6	1095.0
13848	-159.8	287.5	1095.0	13849	1234.5	726.0	1095.0	13850	-111.0	332.6	1095.0
13851	-159.8	332.6	1095.0	13852	241.4	197.2	1095.0	13853	-1567.1	465.3	1095.0
13854	1234.5	674.6	1095.0	13855	1383.0	726.0	1095.0	13856	1383.0	674.6	1095.0
13857	1333.2	726.0	1095.0	13858	1333.2	674.6	1095.0	13859	1520.8	726.0	1095.0
13860	2392.0	421.5	1095.0	13861	1520.8	674.6	1095.0	13862	1474.8	726.0	1095.0
13863	2490.2	509.1	1095.0	13864	41.4	197.2	1095.0	13865	1428.9	726.0	1095.0
13866	1474.8	674.6	1095.0	13867	1428.9	674.6	1095.0	13868	1643.2	726.0	1095.0
13869	1643.2	674.6	1095.0	13870	1582.0	726.0	1095.0	13871	1582.0	674.6	1095.0
13872	1690.3	726.0	1095.0	13873	1690.3	674.6	1095.0	13874	1474.8	755.8	1095.0
13875	1428.9	755.8	1095.0	13876	1825.7	726.0	1095.0	13877	1825.7	674.6	1095.0
13878	1643.2	755.8	1095.0	13879	1582.0	755.8	1095.0	13880	2005.4	726.0	1095.0
13881	2005.4	674.6	1095.0	13882	1960.5	726.0	1095.0	13883	1915.5	726.0	1095.0
13884	1870.6	726.0	1095.0	13885	1960.5	674.6	1095.0	13886	1915.5	674.6	1095.0
13887	1870.6	674.6	1095.0	13888	2074.8	726.0	1095.0	13889	2074.8	674.6	1095.0
13890	2490.2	421.5	1095.0	13891	2163.1	726.0	1095.0	13892	2163.1	674.6	1095.0
13893	2119.0	726.0	1095.0	13894	2119.0	674.6	1095.0	13895	2211.0	726.0	1095.0
13896	2211.0	674.6	1095.0	13897	2270.1	726.0	1095.0	13898	2270.1	674.6	1095.0
13899	2355.0	726.0	1095.0	13900	2355.0	674.6	1095.0	13901	2312.6	726.0	1095.0
13902	2312.6	674.6	1095.0	13903	2428.9	726.0	1095.0	13904	2428.9	674.6	1095.0
13905	2392.0	726.0	1095.0	13906	93.1	197.2	1095.0	13907	2392.0	674.6	1095.0
13908	2490.2	726.0	1095.0	13909	-839.1	19.5	1095.0	13910	-1558.7	1247.6	1095.0
13911	-1543.5	1221.7	1095.0	13912	2490.2	674.6	1095.0	13913	2705.7	726.0	1095.0
13914	2736.9	726.0	1095.0	13915	-1147.7	546.1	1095.0	13916	-827.7	0.0	1065.5
13917	-818.9	-15.0	1095.0	13918	2736.9	674.6	1095.0	13919	-621.1	377.7	1095.0
13920	-621.1	197.2	1095.0	13921	-407.1	197.2	1095.0	13922	-407.1	377.7	1095.0
13923	-621.1	332.6	1095.0	13924	-621.1	287.5	1095.0	13925	-621.1	242.3	1095.0
13926	-567.6	197.2	1095.0	13927	-514.1	197.2	1095.0	13928	-460.6	197.2	1095.0
13929	-407.1	242.3	1095.0	13930	-407.1	287.5	1095.0	13931	-407.1	332.6	1095.0
13932	-460.6	377.7	1095.0	13933	-514.1	377.7	1095.0	13934	-567.6	377.7	1095.0
13935	-460.6	242.3	1095.0	13936	-514.1	242.3	1095.0	13937	-567.6	242.3	1095.0
13938	-460.6	287.5	1095.0	13939	-514.1	287.5	1095.0	13940	-567.6	287.5	1095.0
13941	-460.6	332.6	1095.0	13942	-514.1	332.6	1095.0	13943	-567.6	332.6	1095.0
13944	-621.1	509.1	1095.0	13945	-407.1	509.1	1095.0	13946	-621.1	465.3	1095.0
13947	-621.1	421.5	1095.0	13948	-407.1	421.5	1095.0	13949	-407.1	465.3	1095.0
13950	-460.6	509.1	1095.0	13951	-514.1	509.1	1095.0	13952	-567.6	509.1	1095.0
13953	-460.6	421.5	1095.0	13954	-514.1	421.5	1095.0	13955	-567.6	421.5	1095.0
13956	-460.6	465.3	1095.0	13957	-514.1	465.3	1095.0	13958	-567.6	465.3	1095.0
13959	-257.4	377.7	1095.0	13960	-257.4	509.1	1095.0	13961	-356.6	377.7	1095.0
13962	-306.1	377.7	1095.0	13963	-257.4	421.5	1095.0	13964	-257.4	465.3	1095.0
13965	-306.1	509.1	1095.0	13966	-356.6	509.1	1095.0	13967	-306.1	421.5	1095.0
13968	-356.6	421.5	1095.0	13969	-306.1	465.3	1095.0	13970	-356.6	465.3	1095.0
13971	-257.4	197.2	1095.0	13972	-356.6	197.2	1095.0	13973	-306.1	197.2	1095.0
13974	-257.4	242.3	1095.0	13975	-257.4	287.5	1095.0	13976	-257.4	332.6	1095.0
13977	-306.1	242.3	1095.0	13978	-356.6	242.3	1095.0	13979	-306.1	287.5	1095.0
13980	-356.6	287.5	1095.0	13981	-306.1	332.6	1095.0	13982	-356.6	332.6	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
13983	-407.1	0.0	1065.5	13984	-1567.1	0.0	1095.0	13985	-407.1	147.9	1095.0
13986	-407.1	98.6	1095.0	13987	-407.1	49.3	1095.0	13988	-1509.9	0.0	1095.0
13989	-257.4	0.0	718.0	13990	-257.4	49.3	1095.0	13991	-257.4	98.6	1095.0
13992	-257.4	147.9	1095.0	13993	-306.1	49.3	1095.0	13994	-356.6	49.3	1095.0
13995	-306.1	98.6	1095.0	13996	-356.6	98.6	1095.0	13997	-306.1	147.9	1095.0
13998	-356.6	147.9	1095.0	13999	-208.6	377.7	1095.0	14000	-208.6	509.1	1095.0
14001	-208.6	421.5	1095.0	14002	-208.6	465.3	1095.0	14003	-621.1	0.0	1065.5
14004	-621.1	147.9	1095.0	14005	-621.1	98.6	1095.0	14006	-621.1	49.3	1095.0
14007	-567.6	0.0	1065.5	14008	-514.1	0.0	1065.5	14009	-460.6	0.0	1065.5
14010	-460.6	49.3	1095.0	14011	-514.1	49.3	1095.0	14012	-567.6	49.3	1095.0
14013	-460.6	98.6	1095.0	14014	-514.1	98.6	1095.0	14015	-567.6	98.6	1095.0
14016	-460.6	147.9	1095.0	14017	-514.1	147.9	1095.0	14018	-567.6	147.9	1095.0
14019	-62.2	377.7	1095.0	14020	-62.2	509.1	1095.0	14021	-159.8	377.7	1095.0
14022	-111.0	377.7	1095.0	14023	-62.2	421.5	1095.0	14024	-62.2	465.3	1095.0
14025	-111.0	509.1	1095.0	14026	-159.8	509.1	1095.0	14027	-111.0	421.5	1095.0
14028	-159.8	421.5	1095.0	14029	-111.0	465.3	1095.0	14030	-159.8	465.3	1095.0
14031	-208.6	197.2	1095.0	14032	-62.2	197.2	1095.0	14033	2705.7	674.6	1095.0
14034	2685.3	726.0	1095.0	14035	811.4	623.2	1095.0	14036	-159.8	197.2	1095.0
14037	-111.0	197.2	1095.0	14038	1000.0	623.2	1095.0	14039	811.4	584.7	1095.0
14040	1000.0	584.7	1095.0	14041	952.9	623.2	1095.0	14042	905.7	623.2	1095.0
14043	858.5	623.2	1095.0	14044	952.9	584.7	1095.0	14045	905.7	584.7	1095.0
14046	858.5	584.7	1095.0	14047	-306.1	0.0	718.0	14048	-356.6	0.0	718.0
14049	-208.6	147.9	1095.0	14050	-208.6	98.6	1095.0	14051	-208.6	49.3	1095.0
14052	-460.6	0.0	718.0	14053	-514.1	0.0	718.0	14054	-62.2	49.3	1095.0
14055	-62.2	98.6	1095.0	14056	-62.2	147.9	1095.0	14057	-111.0	49.3	1095.0
14058	-159.8	49.3	1095.0	14059	-111.0	98.6	1095.0	14060	-159.8	98.6	1095.0
14061	-111.0	147.9	1095.0	14062	-159.8	147.9	1095.0	14063	-10.4	377.7	1095.0
14064	-10.4	509.1	1095.0	14065	-10.4	421.5	1095.0	14066	-10.4	465.3	1095.0
14067	-10.4	197.2	1095.0	14068	1234.5	791.2	1095.0	14069	1520.8	791.2	1095.0
14070	1474.8	791.2	1095.0	14071	-306.1	0.0	1065.5	14072	-10.4	49.3	1095.0
14073	-10.4	98.6	1095.0	14074	-10.4	147.9	1095.0	14075	241.4	377.7	1095.0
14076	241.4	509.1	1095.0	14077	41.4	377.7	1095.0	14078	93.1	377.7	1095.0
14079	142.6	377.7	1095.0	14080	192.0	377.7	1095.0	14081	241.4	421.5	1095.0
14082	241.4	465.3	1095.0	14083	192.0	509.1	1095.0	14084	142.6	509.1	1095.0
14085	93.1	509.1	1095.0	14086	41.4	509.1	1095.0	14087	192.0	421.5	1095.0
14088	142.6	421.5	1095.0	14089	93.1	421.5	1095.0	14090	41.4	421.5	1095.0
14091	192.0	465.3	1095.0	14092	142.6	465.3	1095.0	14093	93.1	465.3	1095.0
14094	41.4	465.3	1095.0	14095	498.1	584.7	1095.0	14096	422.8	584.7	1095.0
14097	728.9	197.2	1095.0	14098	728.9	242.3	1095.0	14099	728.9	287.5	1095.0
14100	728.9	332.6	1095.0	14101	728.9	0.0	1095.0	14102	728.9	49.3	1095.0
14103	728.9	98.6	1095.0	14104	728.9	147.9	1095.0	14105	-621.1	623.2	1095.0
14106	-621.1	546.1	1095.0	14107	-407.1	546.1	1095.0	14108	-407.1	623.2	1095.0
14109	-621.1	584.7	1095.0	14110	-567.6	546.1	1095.0	14111	-514.1	546.1	1095.0
14112	-460.6	546.1	1095.0	14113	-407.1	584.7	1095.0	14114	-460.6	623.2	1095.0
14115	2685.3	674.6	1095.0	14116	2642.7	726.0	1095.0	14117	2642.7	674.6	1095.0
14118	2572.1	726.0	1095.0	14119	2572.1	674.6	1095.0	14120	-514.1	623.2	1095.0
14121	-567.6	623.2	1095.0	14122	-460.6	584.7	1095.0	14123	-514.1	584.7	1095.0
14124	-567.6	584.7	1095.0	14125	-257.4	546.1	1095.0	14126	-257.4	623.2	1095.0
14127	-356.6	546.1	1095.0	14128	-306.1	546.1	1095.0	14129	-257.4	584.7	1095.0
14130	-306.1	623.2	1095.0	14131	-356.6	623.2	1095.0	14132	-306.1	584.7	1095.0
14133	-356.6	584.7	1095.0	14134	-208.6	623.2	1095.0	14135	389.7	377.7	1095.0
14136	389.7	509.1	1095.0	14137	290.8	377.7	1095.0	14138	340.3	377.7	1095.0
14139	389.7	421.5	1095.0	14140	389.7	465.3	1095.0	14141	340.3	509.1	1095.0
14142	290.8	509.1	1095.0	14143	340.3	421.5	1095.0	14144	290.8	421.5	1095.0
14145	340.3	465.3	1095.0	14146	290.8	465.3	1095.0	14147	-208.6	546.1	1095.0
14148	-62.2	546.1	1095.0	14149	-62.2	623.2	1095.0	14150	-208.6	584.7	1095.0
14151	-159.8	546.1	1095.0	14152	-111.0	546.1	1095.0	14153	-62.2	584.7	1095.0
14154	-111.0	623.2	1095.0	14155	-159.8	623.2	1095.0	14156	-111.0	584.7	1095.0
14157	-159.8	584.7	1095.0	14158	-10.4	623.2	1095.0	14159	2545.9	726.0	1095.0
14160	2545.9	674.6	1095.0	14161	1075.4	755.8	1095.0	14162	-10.4	546.1	1095.0
14163	241.4	546.1	1095.0	14164	241.4	623.2	1095.0	14165	-10.4	584.7	1095.0
14166	41.4	546.1	1095.0	14167	93.1	546.1	1095.0	14168	142.6	546.1	1095.0
14169	192.0	546.1	1095.0	14170	241.4	584.7	1095.0	14171	695.8	377.7	1095.0
14172	695.8	509.1	1095.0	14173	422.8	377.7	1095.0	14174	498.1	377.7	1095.0
14175	547.5	377.7	1095.0	14176	597.0	377.7	1095.0	14177	646.4	377.7	1095.0
14178	695.8	421.5	1095.0	14179	695.8	465.3	1095.0	14180	646.4	509.1	1095.0
14181	597.0	509.1	1095.0	14182	547.5	509.1	1095.0	14183	498.1	509.1	1095.0
14184	422.8	509.1	1095.0	14185	646.4	421.5	1095.0	14186	597.0	421.5	1095.0
14187	547.5	421.5	1095.0	14188	498.1	421.5	1095.0	14189	422.8	421.5	1095.0
14190	646.4	465.3	1095.0	14191	597.0	465.3	1095.0	14192	547.5	465.3	1095.0
14193	498.1	465.3	1095.0	14194	422.8	465.3	1095.0	14195	728.9	377.7	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
14196	728.9	509.1	1095.0	14197	728.9	421.5	1095.0	14198	728.9	465.3	1095.0
14199	192.0	623.2	1095.0	14200	142.6	623.2	1095.0	14201	93.1	623.2	1095.0
14202	41.4	623.2	1095.0	14203	192.0	584.7	1095.0	14204	142.6	584.7	1095.0
14205	93.1	584.7	1095.0	14206	41.4	584.7	1095.0	14207	389.7	546.1	1095.0
14208	340.3	546.1	1095.0	14209	290.8	546.1	1095.0	14210	389.7	623.2	1095.0
14211	389.7	584.7	1095.0	14212	340.3	623.2	1095.0	14213	290.8	623.2	1095.0
14214	340.3	584.7	1095.0	14215	290.8	584.7	1095.0	14216	695.8	546.1	1095.0
14217	695.8	623.2	1095.0	14218	422.8	546.1	1095.0	14219	1107.2	755.8	1095.0
14220	1140.5	755.8	1095.0	14221	1185.6	755.8	1095.0	14222	1283.3	755.8	1095.0
14223	1234.5	755.8	1095.0	14224	1383.0	755.8	1095.0	14225	498.1	546.1	1095.0
14226	547.5	546.1	1095.0	14227	597.0	546.1	1095.0	14228	646.4	546.1	1095.0
14229	695.8	584.7	1095.0	14230	646.4	623.2	1095.0	14231	597.0	623.2	1095.0
14232	547.5	623.2	1095.0	14233	498.1	623.2	1095.0	14234	422.8	623.2	1095.0
14235	646.4	584.7	1095.0	14236	597.0	584.7	1095.0	14237	547.5	584.7	1095.0
14238	-734.3	197.2	1095.0	14239	-734.3	0.0	1065.5	14240	-734.3	147.9	1095.0
14241	-734.3	98.6	1095.0	14242	-734.3	49.3	1095.0	14243	-677.7	0.0	1065.5
14244	-677.7	197.2	1095.0	14245	-677.7	49.3	1095.0	14246	-677.7	98.6	1095.0
14247	-677.7	147.9	1095.0	14248	-767.4	0.0	1065.5	14249	-767.4	197.2	1095.0
14250	-767.4	49.3	1095.0	14251	-767.4	98.6	1095.0	14252	-767.4	147.9	1095.0
14253	-734.3	377.7	1095.0	14254	-734.3	332.6	1095.0	14255	-734.3	287.5	1095.0
14256	-734.3	242.3	1095.0	14257	-677.7	377.7	1095.0	14258	-677.7	242.3	1095.0
14259	-677.7	287.5	1095.0	14260	-677.7	332.6	1095.0	14261	-734.3	509.1	1095.0
14262	-734.3	465.3	1095.0	14263	-734.3	421.5	1095.0	14264	-677.7	509.1	1095.0
14265	-677.7	421.5	1095.0	14266	-677.7	465.3	1095.0	14267	-734.3	546.1	1095.0
14268	-677.7	546.1	1095.0	14269	-734.3	623.2	1095.0	14270	-734.3	584.7	1095.0
14271	-677.7	623.2	1095.0	14272	-677.7	584.7	1095.0	14273	-1124.5	377.7	1095.0
14274	-1124.5	197.2	1095.0	14275	-871.2	197.2	1095.0	14276	-871.2	377.7	1095.0
14277	-1124.5	332.6	1095.0	14278	-1124.5	287.5	1095.0	14279	-1124.5	242.3	1095.0
14280	-1073.8	197.2	1095.0	14281	-1023.2	197.2	1095.0	14282	-972.5	197.2	1095.0
14283	-943.2	197.2	1095.0	14284	-871.2	242.3	1095.0	14285	-871.2	287.5	1095.0
14286	-871.2	332.6	1095.0	14287	-921.8	377.7	1095.0	14288	-972.5	377.7	1095.0
14289	-1049.0	377.7	1095.0	14290	-1073.8	377.7	1095.0	14291	-921.8	242.3	1095.0
14292	-969.7	242.3	1095.0	14293	-1023.2	242.3	1095.0	14294	-1073.8	242.3	1095.0
14295	-921.8	287.5	1095.0	14296	-996.1	287.4	1095.0	14297	-1023.2	287.5	1095.0
14298	-1073.8	287.5	1095.0	14299	-921.8	332.6	1095.0	14300	-972.5	332.6	1095.0
14301	-1022.6	332.6	1095.0	14302	-1073.8	332.6	1095.0	14303	-1124.5	0.0	1065.5
14304	-871.2	0.0	1065.5	14305	-1124.5	147.9	1095.0	14306	-1124.5	98.6	1095.0
14307	-1124.5	49.3	1095.0	14308	-1073.8	0.0	1065.5	14309	-1023.2	0.0	1065.5
14310	-972.5	0.0	1065.5	14311	-921.8	0.0	1065.5	14312	-856.6	49.3	1095.0
14313	-885.5	98.6	1095.0	14314	-871.2	147.9	1095.0	14315	-921.8	49.3	1095.0
14316	-972.5	49.3	1095.0	14317	-1023.2	49.3	1095.0	14318	-1073.8	49.3	1095.0
14319	-921.8	98.6	1095.0	14320	-972.5	98.6	1095.0	14321	-1023.2	98.6	1095.0
14322	-1073.8	98.6	1095.0	14323	-914.4	147.9	1095.0	14324	-972.5	147.9	1095.0
14325	-1023.2	147.9	1095.0	14326	-1073.8	147.9	1095.0	14327	-1124.5	506.6	1095.0
14328	-871.2	509.1	1095.0	14329	-1124.5	465.3	1095.0	14330	-1124.5	421.5	1095.0
14331	-871.2	421.5	1095.0	14332	-871.2	465.3	1095.0	14333	-921.8	509.1	1095.0
14334	-972.5	509.1	1095.0	14335	-1023.2	509.1	1095.0	14336	-1073.8	509.1	1095.0
14337	-921.8	421.5	1095.0	14338	-972.5	421.5	1095.0	14339	-1023.2	421.5	1095.0
14340	-1073.8	420.1	1095.0	14341	-921.8	465.3	1095.0	14342	-972.5	465.3	1095.0
14343	-1023.2	465.3	1095.0	14344	-1100.3	465.3	1095.0	14345	-804.5	377.7	1095.0
14346	-804.5	509.1	1095.0	14347	-804.5	421.5	1095.0	14348	-804.5	465.3	1095.0
14349	-767.4	377.7	1095.0	14350	-767.4	509.1	1095.0	14351	-767.4	421.5	1095.0
14352	-767.4	465.3	1095.0	14353	-804.5	197.2	1095.0	14354	-804.5	242.3	1095.0
14355	-804.5	287.5	1095.0	14356	-804.5	332.6	1095.0	14357	-804.5	0.0	1065.5
14358	-804.5	49.3	1095.0	14359	-804.5	98.6	1095.0	14360	-804.5	147.9	1095.0
14361	-767.4	242.3	1095.0	14362	-767.4	287.5	1095.0	14363	-767.4	332.6	1095.0
14364	-1124.5	1203.9	1095.0	14365	-1124.5	822.3	1095.0	14366	-871.2	822.3	1095.0
14367	-871.2	1203.9	1095.0	14368	-1124.5	1156.2	1095.0	14369	-1124.5	1108.5	1095.0
14370	-1124.5	1060.8	1095.0	14371	-1124.5	1013.1	1095.0	14372	-1124.5	965.4	1095.0
14373	-1124.5	917.7	1095.0	14374	-1124.5	870.0	1095.0	14375	-1073.8	822.3	1095.0
14376	-1023.2	822.3	1095.0	14377	-972.5	822.3	1095.0	14378	-921.8	822.3	1095.0
14379	-871.2	870.0	1095.0	14380	-871.2	917.7	1095.0	14381	-871.2	965.4	1095.0
14382	-871.2	1013.1	1095.0	14383	-871.2	1060.8	1095.0	14384	-871.2	1108.5	1095.0
14385	-871.2	1156.2	1095.0	14386	-921.8	1203.9	1095.0	14387	-972.5	1203.9	1095.0
14388	-1023.2	1203.9	1095.0	14389	-1073.8	1203.9	1095.0	14390	-921.8	870.0	1095.0
14391	-972.5	870.0	1095.0	14392	-1023.2	870.0	1095.0	14393	-1073.8	870.0	1095.0
14394	-921.8	917.7	1095.0	14395	-972.5	917.7	1095.0	14396	-1023.2	917.7	1095.0
14397	-1073.8	917.7	1095.0	14398	-921.8	965.4	1095.0	14399	-972.5	965.4	1095.0
14400	-1023.2	965.4	1095.0	14401	-1073.8	965.4	1095.0	14402	-921.8	1013.1	1095.0
14403	-972.5	1013.1	1095.0	14404	-1023.2	1013.1	1095.0	14405	-1073.8	1013.1	1095.0
14406	-921.8	1060.8	1095.0	14407	-972.5	1060.8	1095.0	14408	-1023.2	1060.8	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
14409	-1073.8	1060.8	1095.0	14410	-921.8	1108.5	1095.0	14411	-972.5	1108.5	1095.0
14412	-1023.2	1108.5	1095.0	14413	-1073.8	1108.5	1095.0	14414	-921.8	1156.2	1095.0
14415	-972.5	1156.2	1095.0	14416	-1023.2	1156.2	1095.0	14417	-1073.8	1156.2	1095.0
14418	-1124.5	791.2	1095.0	14419	-871.2	791.2	1095.0	14420	-1073.8	791.2	1095.0
14421	-1023.2	791.2	1095.0	14422	-972.5	791.2	1095.0	14423	-921.8	791.2	1095.0
14424	-1124.5	755.8	1095.0	14425	-871.2	755.8	1095.0	14426	-1073.8	755.8	1095.0
14427	-1023.2	755.8	1095.0	14428	-972.5	755.8	1095.0	14429	-921.8	755.8	1095.0
14430	-1124.5	726.0	1095.0	14431	-871.2	726.0	1095.0	14432	-1073.8	726.0	1095.0
14433	-1023.2	726.0	1095.0	14434	-972.5	726.0	1095.0	14435	-921.8	726.0	1095.0
14436	-1124.5	623.2	1095.0	14437	-871.2	623.2	1095.0	14438	-1124.5	674.6	1095.0
14439	-1073.8	623.2	1095.0	14440	-1023.2	623.2	1095.0	14441	-972.5	623.2	1095.0
14442	-921.8	623.2	1095.0	14443	-871.2	674.6	1095.0	14444	-921.8	674.6	1095.0
14445	-972.5	674.6	1095.0	14446	-1023.2	674.6	1095.0	14447	-1073.8	674.6	1095.0
14448	-1124.5	546.1	1095.0	14449	-871.2	546.1	1095.0	14450	-1124.5	584.7	1095.0
14451	-1073.8	546.1	1095.0	14452	-1023.2	546.1	1095.0	14453	-972.5	546.1	1095.0
14454	-921.8	546.1	1095.0	14455	-871.2	584.7	1095.0	14456	-921.8	584.7	1095.0
14457	-972.5	584.7	1095.0	14458	-1023.2	584.7	1095.0	14459	-1073.8	584.7	1095.0
14460	-1509.9	509.1	1095.0	14461	-1509.9	421.5	1095.0	14462	-1124.5	1247.6	1095.0
14463	-871.2	1247.6	1095.0	14464	-1509.9	465.3	1095.0	14465	-1584.3	674.6	1095.0
14466	-1584.3	755.8	1095.0	14467	-1567.1	755.8	1095.0	14468	-921.8	1247.6	1095.0
14469	-972.5	1247.6	1095.0	14470	-1023.2	1247.6	1095.0	14471	-1073.8	1247.6	1095.0
14472	1333.2	755.8	1095.0	14473	-1418.8	242.3	1095.0	14474	-1509.9	755.8	1095.0
14475	-1464.3	242.3	1095.0	14476	-1424.9	287.5	1095.0	14477	-1584.3	791.2	1095.0
14478	1520.8	755.8	1095.0	14479	1721.3	726.0	1095.0	14480	-1467.4	287.5	1095.0
14481	-1567.1	791.2	1095.0	14482	-1528.5	822.3	1095.0	14483	-1584.3	822.3	1095.0
14484	1721.3	674.6	1095.0	14485	1773.5	726.0	1095.0	14486	1773.5	674.6	1095.0
14487	1690.3	755.8	1095.0	14488	1721.3	755.8	1095.0	14489	1825.7	755.8	1095.0
14490	142.6	197.2	1095.0	14491	1773.5	755.8	1095.0	14492	2005.4	755.8	1095.0
14493	1960.5	755.8	1095.0	14494	1915.5	755.8	1095.0	14495	1870.6	755.8	1095.0
14496	-1567.1	822.3	1095.0	14497	192.0	197.2	1095.0	14498	2074.8	755.8	1095.0
14499	2163.1	755.8	1095.0	14500	2119.0	755.8	1095.0	14501	2211.0	755.8	1095.0
14502	2270.1	755.8	1095.0	14503	2355.0	755.8	1095.0	14504	2312.6	755.8	1095.0
14505	241.4	242.3	1095.0	14506	2736.9	755.8	1095.0	14507	2705.7	755.8	1095.0
14508	241.4	287.5	1095.0	14509	2685.3	755.8	1095.0	14510	241.4	332.6	1095.0
14511	192.0	242.3	1095.0	14512	142.6	242.3	1095.0	14513	93.1	242.3	1095.0
14514	2642.7	755.8	1095.0	14515	2572.1	755.8	1095.0	14516	2545.9	755.8	1095.0
14517	2490.2	755.8	1095.0	14518	2751.9	1203.9	1095.0	14519	41.4	242.3	1095.0
14520	2428.9	755.8	1095.0	14521	2392.0	755.8	1095.0	14522	-1324.5	0.0	1065.5
14523	-1269.0	0.0	1065.5	14524	-1220.8	0.0	1065.5	14525	-1172.7	0.0	1065.5
14526	-1172.7	197.2	1095.0	14527	-1220.8	197.2	1095.0	14528	-1269.0	197.2	1095.0
14529	-1317.2	197.2	1095.0	14530	1283.3	791.2	1095.0	14531	1383.0	791.2	1095.0
14532	1333.2	791.2	1095.0	14533	-1172.7	49.3	1095.0	14534	-1220.8	49.3	1095.0
14535	-1269.0	49.3	1095.0	14536	-1334.5	49.3	1095.0	14537	1075.4	791.2	1095.0
14538	-1409.3	421.5	1095.0	14539	-1328.5	19.5	1095.0	14540	-1172.7	98.6	1095.0
14541	-1220.8	98.6	1095.0	14542	-1269.0	98.6	1095.0	14543	-1317.2	98.6	1095.0
14544	1107.2	791.2	1095.0	14545	1140.5	791.2	1095.0	14546	1185.6	791.2	1095.0
14547	-1172.7	147.9	1095.0	14548	-1220.8	147.9	1095.0	14549	-1269.0	147.9	1095.0
14550	-1317.2	147.9	1095.0	14551	1037.7	791.2	1095.0	14552	1037.7	822.3	1095.0
14553	1037.7	377.7	1095.0	14554	1037.7	421.5	1095.0	14555	1037.7	465.3	1095.0
14556	1037.7	509.1	1095.0	14557	-1172.7	377.7	1095.0	14558	-1220.8	377.7	1095.0
14559	-1269.0	377.7	1095.0	14560	-1317.2	377.7	1095.0	14561	-1365.3	377.7	1095.0
14562	1037.7	546.1	1095.0	14563	1037.7	584.7	1095.0	14564	-1172.7	242.3	1095.0
14565	-1220.8	242.3	1095.0	14566	-1269.0	242.3	1095.0	14567	-1317.2	242.3	1095.0
14568	-1373.3	242.3	1095.0	14569	1037.7	623.2	1095.0	14570	1037.7	674.6	1095.0
14571	-1172.7	287.5	1095.0	14572	-1220.8	287.5	1095.0	14573	-1269.0	287.5	1095.0
14574	-1317.2	287.5	1095.0	14575	-1365.3	287.5	1095.0	14576	2312.6	421.5	1095.0
14577	1037.7	726.0	1095.0	14578	-1172.7	332.6	1095.0	14579	-1220.8	332.6	1095.0
14580	-1269.0	332.6	1095.0	14581	-1317.2	332.6	1095.0	14582	-1365.3	332.6	1095.0
14583	1037.7	755.8	1095.0	14584	1037.7	870.0	1095.0	14585	1037.7	917.7	1095.0
14586	1037.7	965.4	1095.0	14587	1037.7	1013.1	1095.0	14588	-1172.7	509.1	1095.0
14589	-1220.8	509.1	1095.0	14590	-1269.0	509.1	1095.0	14591	-1317.2	509.1	1095.0
14592	-1365.3	509.1	1095.0	14593	-1427.0	509.1	1095.0	14594	1037.7	1060.8	1095.0
14595	-1172.7	421.5	1095.0	14596	-1220.8	421.5	1095.0	14597	-1269.0	421.5	1095.0
14598	-1317.2	421.5	1095.0	14599	-1365.3	421.5	1095.0	14600	1037.7	1108.5	1095.0
14601	-1172.7	465.3	1095.0	14602	-1220.8	465.3	1095.0	14603	-1269.0	465.3	1095.0
14604	-1317.2	465.3	1095.0	14605	-1365.3	465.3	1095.0	14606	1037.7	1156.2	1095.0
14607	1075.4	332.6	1095.0	14608	-1172.7	546.1	1095.0	14609	-1220.8	546.1	1095.0
14610	-1269.0	546.1	1095.0	14611	-1317.2	546.1	1095.0	14612	-1365.3	546.1	1095.0
14613	-1413.5	546.1	1095.0	14614	1690.3	421.5	1095.0	14615	1721.3	509.1	1095.0
14616	1721.3	421.5	1095.0	14617	-1192.8	623.2	1095.0	14618	-1220.8	623.2	1095.0
14619	-1269.0	623.2	1095.0	14620	-1317.2	623.2	1095.0	14621	-1365.3	623.2	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
14622	-1413.5	623.2	1095.0	14623	1721.3	465.3	1095.0	14624	-1533.0	1203.9	1095.0
14625	-1220.8	584.7	1095.0	14626	-1269.0	584.7	1095.0	14627	-1317.2	584.7	1095.0
14628	-1365.3	584.7	1095.0	14629	-1413.5	584.7	1095.0	14630	1825.7	509.1	1095.0
14631	1825.7	421.5	1095.0	14632	1825.7	465.3	1095.0	14633	-1172.7	726.0	1095.0
14634	-1253.1	726.0	1095.0	14635	2270.1	465.3	1095.0	14636	-1317.2	726.0	1095.0
14637	-1365.3	726.0	1095.0	14638	-1413.5	726.0	1095.0	14639	-1470.6	726.0	1095.0
14640	-1172.7	674.6	1095.0	14641	-1220.8	671.0	1095.0	14642	-1269.0	674.6	1095.0
14643	-1317.2	674.6	1095.0	14644	-1365.3	674.6	1095.0	14645	-1413.5	674.6	1095.0
14646	1773.5	509.1	1095.0	14647	1773.5	465.3	1095.0	14648	-1172.7	755.8	1095.0
14649	-1220.8	755.8	1095.0	14650	-1269.0	753.2	1095.0	14651	-1317.2	755.8	1095.0
14652	-1365.3	755.8	1095.0	14653	-1413.5	755.8	1095.0	14654	-1476.6	755.8	1095.0
14655	1773.5	421.5	1095.0	14656	-1172.7	791.2	1095.0	14657	-1220.8	791.2	1095.0
14658	-1291.3	791.2	1095.0	14659	-1317.2	791.2	1095.0	14660	-1365.3	791.2	1095.0
14661	-1413.5	791.2	1095.0	14662	-1461.7	791.2	1095.0	14663	2005.4	509.1	1095.0
14664	-1172.7	822.3	1095.0	14665	-1220.8	822.3	1095.0	14666	-1269.0	822.3	1095.0
14667	-1309.5	822.3	1095.0	14668	-1365.3	822.3	1095.0	14669	-1413.5	822.3	1095.0
14670	-1461.7	822.3	1095.0	14671	-1509.9	1203.9	1095.0	14672	-1505.1	1156.2	1095.0
14673	-1509.9	1108.5	1095.0	14674	-1509.9	1060.8	1095.0	14675	-1509.9	1013.1	1095.0
14676	-1518.7	965.4	1095.0	14677	2005.4	421.5	1095.0	14678	2005.4	465.3	1095.0
14679	-1172.7	1203.9	1095.0	14680	-1220.8	1203.9	1095.0	14681	-1269.0	1203.9	1095.0
14682	-1317.2	1203.9	1095.0	14683	-1365.3	1203.9	1095.0	14684	-1413.5	1203.9	1095.0
14685	-1461.7	1203.9	1095.0	14686	-1172.7	870.0	1095.0	14687	-1220.8	870.0	1095.0
14688	-1269.0	870.0	1095.0	14689	-1337.4	870.0	1095.0	14690	-1365.3	870.0	1095.0
14691	-1413.5	870.0	1095.0	14692	-1461.7	870.0	1095.0	14693	-1172.7	917.7	1095.0
14694	-1220.8	917.7	1095.0	14695	-1269.0	917.7	1095.0	14696	-1317.2	917.7	1095.0
14697	-1365.3	917.7	1095.0	14698	-1413.5	917.7	1095.0	14699	-1461.7	917.7	1095.0
14700	-1172.7	965.4	1095.0	14701	-1220.8	965.4	1095.0	14702	-1269.0	965.4	1095.0
14703	-1317.2	965.4	1095.0	14704	-1365.3	965.4	1095.0	14705	-1393.3	965.4	1095.0
14706	-1461.7	965.4	1095.0	14707	-1172.7	1013.1	1095.0	14708	-1220.8	1013.1	1095.0
14709	-1269.0	1013.1	1095.0	14710	-1317.2	1013.1	1095.0	14711	-1365.3	1013.1	1095.0
14712	-1413.5	999.9	1095.0	14713	-1461.7	1013.1	1095.0	14714	-1172.7	1060.8	1095.0
14715	-1220.8	1060.8	1095.0	14716	-1269.0	1060.8	1095.0	14717	-1317.2	1060.8	1095.0
14718	-1365.3	1060.8	1095.0	14719	-1449.2	1060.8	1095.0	14720	-1170.2	584.7	1095.0
14721	-1172.7	1108.5	1095.0	14722	-1220.8	1108.5	1095.0	14723	-1269.0	1108.5	1095.0
14724	-1317.2	1108.5	1095.0	14725	-1365.3	1108.5	1095.0	14726	-1413.5	1108.5	1095.0
14727	-1477.1	1108.5	1095.0	14728	-1172.7	1156.2	1095.0	14729	-1220.8	1156.2	1095.0
14730	-1269.0	1156.2	1095.0	14731	-1317.2	1156.2	1095.0	14732	-1365.3	1156.2	1095.0
14733	-1413.5	1156.2	1095.0	14734	-1461.7	1156.2	1095.0	14735	1960.5	509.1	1095.0
14736	-1509.9	1247.6	1095.0	14737	-1464.0	465.3	1095.0	14738	-1584.3	1203.9	1095.0
14739	-1567.1	870.0	1095.0	14740	-1567.1	917.7	1095.0	14741	-1567.1	965.4	1095.0
14742	2490.2	465.3	1095.0	14743	2545.9	509.1	1095.0	14744	-1172.7	1247.6	1095.0
14745	-1220.8	1247.6	1095.0	14746	-1269.0	1247.6	1095.0	14747	-1317.2	1247.6	1095.0
14748	-1365.3	1247.6	1095.0	14749	-1413.5	1247.6	1095.0	14750	-1461.7	1247.6	1095.0
14751	1915.5	509.1	1095.0	14752	1870.6	509.1	1095.0	14753	1960.5	465.3	1095.0
14754	-1567.1	1013.1	1095.0	14755	192.0	287.5	1095.0	14756	1960.5	421.5	1095.0
14757	1915.5	465.3	1095.0	14758	1915.5	421.5	1095.0	14759	1870.6	465.3	1095.0
14760	-1468.4	509.1	1095.0	14761	-1472.1	546.1	1095.0	14762	2545.9	421.5	1095.0
14763	2545.9	465.3	1095.0	14764	2572.1	509.1	1095.0	14765	-1471.2	584.4	1095.0
14766	1870.6	421.5	1095.0	14767	-1584.3	1156.2	1095.0	14768	2074.8	509.1	1095.0
14769	2074.8	421.5	1095.0	14770	2074.8	465.3	1095.0	14771	2163.1	509.1	1095.0
14772	2163.1	421.5	1095.0	14773	2163.1	465.3	1095.0	14774	2119.0	509.1	1095.0
14775	2119.0	465.3	1095.0	14776	2119.0	421.5	1095.0	14777	2211.0	509.1	1095.0
14778	2211.0	421.5	1095.0	14779	2211.0	465.3	1095.0	14780	-1584.3	1108.5	1095.0
14781	2270.1	509.1	1095.0	14782	142.6	287.5	1095.0	14783	93.1	287.5	1095.0
14784	1690.3	509.1	1095.0	14785	1690.3	465.3	1095.0	14786	-1584.3	1060.8	1095.0
14787	1000.0	332.6	1095.0	14788	1075.4	242.3	1095.0	14789	-1483.7	791.2	1095.0
14790	2572.1	1203.9	1095.0	14791	1075.4	287.5	1095.0	14792	241.4	0.0	1095.0
14793	41.4	0.0	1095.0	14794	93.1	0.0	1095.0	14795	-1584.3	1013.1	1095.0
14796	142.6	0.0	1095.0	14797	192.0	0.0	1095.0	14798	389.7	0.0	1095.0
14799	290.8	0.0	1095.0	14800	340.3	0.0	1095.0	14801	695.8	0.0	1095.0
14802	422.8	0.0	1095.0	14803	498.1	0.0	1095.0	14804	547.5	0.0	1095.0
14805	597.0	0.0	1095.0	14806	-1584.3	965.4	1095.0	14807	646.4	0.0	1095.0
14808	41.4	287.5	1095.0	14809	192.0	332.6	1095.0	14810	142.6	332.6	1095.0
14811	93.1	332.6	1095.0	14812	41.4	332.6	1095.0	14813	389.7	197.2	1095.0
14814	-1584.3	917.7	1095.0	14815	646.4	287.5	914.4	14816	-257.4	-15.0	1095.0
14817	-356.6	-15.0	1095.0	14818	-306.1	-15.0	1095.0	14819	-621.1	-15.0	1095.0
14820	-567.6	-15.0	1095.0	14821	-514.1	-15.0	1095.0	14822	-460.6	-15.0	1095.0
14823	-208.6	-15.0	1095.0	14824	-62.2	-15.0	1095.0	14825	-159.8	-15.0	1095.0
14826	-767.4	546.1	1095.0	14827	-804.5	546.1	1095.0	14828	-804.5	623.2	1095.0
14829	-804.5	584.7	1095.0	14830	-767.4	623.2	1095.0	14831	-767.4	584.7	1095.0
14832	-734.3	726.0	1095.0	14833	-621.1	726.0	1095.0	14834	-734.3	674.6	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
14835	-621.1	674.6	1095.0	14836	-677.7	726.0	1095.0	14837	-677.7	674.6	1095.0
14838	-804.5	726.0	1095.0	14839	-804.5	674.6	1095.0	14840	-767.4	726.0	1095.0
14841	-767.4	674.6	1095.0	14842	-621.1	1203.9	1095.0	14843	-621.1	822.3	1095.0
14844	-407.1	822.3	1095.0	14845	-407.1	1203.9	1095.0	14846	-621.1	1156.2	1095.0
14847	-621.1	1108.5	1095.0	14848	-621.1	1060.8	1095.0	14849	-621.1	1013.1	1095.0
14850	-621.1	965.4	1095.0	14851	-621.1	917.7	1095.0	14852	-621.1	870.0	1095.0
14853	-567.6	822.3	1095.0	14854	-514.1	822.3	1095.0	14855	-460.6	822.3	1095.0
14856	-407.1	870.0	1095.0	14857	-407.1	917.7	1095.0	14858	-407.1	965.4	1095.0
14859	-407.1	1013.1	1095.0	14860	-407.1	1060.8	1095.0	14861	-407.1	1108.5	1095.0
14862	-407.1	1156.2	1095.0	14863	-460.6	1203.9	1095.0	14864	-514.1	1203.9	1095.0
14865	-567.6	1203.9	1095.0	14866	-460.6	870.0	1095.0	14867	-514.1	870.0	1095.0
14868	-567.6	870.0	1095.0	14869	-460.6	917.7	1095.0	14870	-514.1	917.7	1095.0
14871	-567.6	917.7	1095.0	14872	-460.6	965.4	1095.0	14873	-514.1	965.4	1095.0
14874	-567.6	965.4	1095.0	14875	-460.6	1013.1	1095.0	14876	-514.1	1013.1	1095.0
14877	-567.6	1013.1	1095.0	14878	-460.6	1060.8	1095.0	14879	-514.1	1060.8	1095.0
14880	-567.6	1060.8	1095.0	14881	-460.6	1108.5	1095.0	14882	-514.1	1108.5	1095.0
14883	-567.6	1108.5	1095.0	14884	-460.6	1156.2	1095.0	14885	-514.1	1156.2	1095.0
14886	-567.6	1156.2	1095.0	14887	-621.1	791.2	1095.0	14888	-407.1	791.2	1095.0
14889	-567.6	791.2	1095.0	14890	-514.1	791.2	1095.0	14891	-460.6	791.2	1095.0
14892	-621.1	755.8	1095.0	14893	-407.1	755.8	1095.0	14894	-567.6	755.8	1095.0
14895	-514.1	755.8	1095.0	14896	-460.6	755.8	1095.0	14897	-407.1	726.0	1095.0
14898	-567.6	726.0	1095.0	14899	-514.1	726.0	1095.0	14900	-460.6	726.0	1095.0
14901	-407.1	674.6	1095.0	14902	-460.6	674.6	1095.0	14903	-514.1	674.6	1095.0
14904	-567.6	674.6	1095.0	14905	-804.5	822.3	1095.0	14906	-804.5	1203.9	1095.0
14907	-804.5	870.0	1095.0	14908	-804.5	917.7	1095.0	14909	-804.5	965.4	1095.0
14910	-804.5	1013.1	1095.0	14911	-804.5	1060.8	1095.0	14912	-804.5	1108.5	1095.0
14913	-804.5	1156.2	1095.0	14914	-767.4	822.3	1095.0	14915	-767.4	1203.9	1095.0
14916	-767.4	870.0	1095.0	14917	-767.4	917.7	1095.0	14918	-767.4	965.4	1095.0
14919	-767.4	1013.1	1095.0	14920	-767.4	1060.8	1095.0	14921	-767.4	1108.5	1095.0
14922	-767.4	1156.2	1095.0	14923	-734.3	822.3	1095.0	14924	-734.3	1203.9	1095.0
14925	-734.3	870.0	1095.0	14926	-734.3	917.7	1095.0	14927	-734.3	965.4	1095.0
14928	-734.3	1013.1	1095.0	14929	-734.3	1060.8	1095.0	14930	-734.3	1108.5	1095.0
14931	-734.3	1156.2	1095.0	14932	-677.7	822.3	1095.0	14933	-677.7	1203.9	1095.0
14934	-677.7	870.0	1095.0	14935	-677.7	917.7	1095.0	14936	-677.7	965.4	1095.0
14937	-677.7	1013.1	1095.0	14938	-677.7	1060.8	1095.0	14939	-677.7	1108.5	1095.0
14940	-677.7	1156.2	1095.0	14941	-734.3	791.2	1095.0	14942	-677.7	791.2	1095.0
14943	-804.5	791.2	1095.0	14944	-767.4	791.2	1095.0	14945	-734.3	755.8	1095.0
14946	-677.7	755.8	1095.0	14947	-257.4	822.3	1095.0	14948	-257.4	1203.9	1095.0
14949	-356.6	822.3	1095.0	14950	-306.1	822.3	1095.0	14951	-257.4	870.0	1095.0
14952	-257.4	917.7	1095.0	14953	-257.4	965.4	1095.0	14954	-257.4	1013.1	1095.0
14955	-257.4	1060.8	1095.0	14956	-257.4	1108.5	1095.0	14957	-257.4	1156.2	1095.0
14958	-306.1	1203.9	1095.0	14959	-356.6	1203.9	1095.0	14960	-306.1	870.0	1095.0
14961	-356.6	870.0	1095.0	14962	-306.1	917.7	1095.0	14963	-356.6	917.7	1095.0
14964	-306.1	965.4	1095.0	14965	-356.6	965.4	1095.0	14966	-306.1	1013.1	1095.0
14967	-356.6	1013.1	1095.0	14968	-306.1	1060.8	1095.0	14969	-356.6	1060.8	1095.0
14970	-306.1	1108.5	1095.0	14971	-356.6	1108.5	1095.0	14972	-306.1	1156.2	1095.0
14973	-356.6	1156.2	1095.0	14974	-257.4	791.2	1095.0	14975	-356.6	791.2	1095.0
14976	-306.1	791.2	1095.0	14977	-257.4	726.0	1095.0	14978	-257.4	674.6	1095.0
14979	-306.1	726.0	1095.0	14980	-356.6	726.0	1095.0	14981	-306.1	674.6	1095.0
14982	-356.6	674.6	1095.0	14983	-257.4	755.8	1095.0	14984	-306.1	755.8	1095.0
14985	-356.6	755.8	1095.0	14986	-804.5	755.8	1095.0	14987	-767.4	755.8	1095.0
14988	-208.6	726.0	1095.0	14989	-208.6	674.6	1095.0	14990	-62.2	726.0	1095.0
14991	-62.2	674.6	1095.0	14992	-111.0	726.0	1095.0	14993	-159.8	726.0	1095.0
14994	-111.0	674.6	1095.0	14995	-159.8	674.6	1095.0	14996	-10.4	726.0	1095.0
14997	-10.4	674.6	1095.0	14998	241.4	726.0	1095.0	14999	241.4	674.6	1095.0
15000	192.0	726.0	1095.0	15001	142.6	726.0	1095.0	15002	93.1	726.0	1095.0
15003	41.4	726.0	1095.0	15004	192.0	674.6	1095.0	15005	142.6	674.6	1095.0
15006	93.1	674.6	1095.0	15007	41.4	674.6	1095.0	15008	-10.4	755.8	1095.0
15009	241.4	755.8	1095.0	15010	192.0	755.8	1095.0	15011	142.6	755.8	1095.0
15012	93.1	755.8	1095.0	15013	41.4	755.8	1095.0	15014	-208.6	755.8	1095.0
15015	-62.2	755.8	1095.0	15016	-111.0	755.8	1095.0	15017	-159.8	755.8	1095.0
15018	-208.6	791.2	1095.0	15019	-62.2	791.2	1095.0	15020	-111.0	791.2	1095.0
15021	-159.8	791.2	1095.0	15022	-10.4	791.2	1095.0	15023	811.4	0.0	1095.0
15024	811.4	197.2	1095.0	15025	770.1	0.0	1095.0	15026	811.4	49.3	1095.0
15027	811.4	98.6	1095.0	15028	811.4	147.9	1095.0	15029	770.1	197.2	1095.0
15030	770.1	49.3	1095.0	15031	770.1	98.6	1095.0	15032	770.1	147.9	1095.0
15033	1000.0	0.0	1095.0	15034	1000.0	197.2	1095.0	15035	858.5	0.0	1095.0
15036	905.7	0.0	1095.0	15037	952.9	0.0	1095.0	15038	1000.0	49.3	1095.0
15039	1000.0	98.6	1095.0	15040	1000.0	147.9	1095.0	15041	952.9	197.2	1095.0
15042	905.7	197.2	1095.0	15043	858.5	197.2	1095.0	15044	952.9	49.3	1095.0
15045	905.7	49.3	1095.0	15046	858.5	49.3	1095.0	15047	952.9	98.6	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
15048	905.7	98.6	1095.0	15049	858.5	98.6	1095.0	15050	952.9	147.9	1095.0
15051	905.7	147.9	1095.0	15052	858.5	147.9	1095.0	15053	290.8	197.2	1095.0
15054	340.3	197.2	1095.0	15055	389.7	242.3	1095.0	15056	389.7	287.5	1095.0
15057	2642.7	1203.9	1095.0	15058	389.7	332.6	1095.0	15059	340.3	332.6	1095.0
15060	340.3	287.5	1095.0	15061	340.3	242.3	1095.0	15062	290.8	332.6	1095.0
15063	290.8	287.5	1095.0	15064	290.8	242.3	1095.0	15065	241.4	147.9	1095.0
15066	2685.3	1203.9	1095.0	15067	241.4	98.6	1095.0	15068	-257.4	19.5	1095.0
15069	-306.1	19.5	1095.0	15070	-356.6	19.5	1095.0	15071	-407.1	19.5	1095.0
15072	-460.6	19.5	1095.0	15073	-514.1	19.5	1095.0	15074	-567.6	19.5	1095.0
15075	-621.1	19.5	1095.0	15076	-62.2	19.5	1095.0	15077	-111.0	19.5	1095.0
15078	-159.8	19.5	1095.0	15079	-208.6	19.5	1095.0	15080	-10.4	19.5	1095.0
15081	728.9	19.5	1095.0	15082	241.4	49.3	1095.0	15083	-677.7	19.5	1095.0
15084	-734.3	19.5	1095.0	15085	-767.4	19.5	1095.0	15086	-871.2	19.5	1095.0
15087	-921.8	19.5	1095.0	15088	-972.5	19.5	1095.0	15089	-1023.2	19.5	1095.0
15090	-1073.8	19.5	1095.0	15091	-1124.5	19.5	1095.0	15092	-804.5	19.5	1095.0
15093	-1172.7	19.5	1095.0	15094	-1220.8	19.5	1095.0	15095	-1269.0	19.5	1095.0
15096	-111.0	-15.0	1095.0	15097	-1344.4	98.6	1095.0	15098	-1354.3	147.9	1095.0
15099	-1364.2	197.2	1095.0	15100	-10.4	-15.0	1095.0	15101	728.9	-15.0	1095.0
15102	811.4	19.5	1095.0	15103	770.1	19.5	1095.0	15104	1000.0	19.5	1095.0
15105	952.9	19.5	1095.0	15106	905.7	19.5	1095.0	15107	858.5	19.5	1095.0
15108	389.7	49.3	1095.0	15109	389.7	98.6	1095.0	15110	389.7	147.9	1095.0
15111	811.4	377.7	1095.0	15112	811.4	242.3	1095.0	15113	811.4	287.5	1095.0
15114	811.4	332.6	1095.0	15115	770.1	377.7	1095.0	15116	770.1	242.3	1095.0
15117	770.1	287.5	1095.0	15118	770.1	332.6	1095.0	15119	1000.0	377.7	1095.0
15120	1000.0	242.3	1095.0	15121	1000.0	287.5	1095.0	15122	1075.4	-15.0	1095.0
15123	952.9	377.7	1095.0	15124	905.7	377.7	1095.0	15125	858.5	377.7	1095.0
15126	952.9	242.3	1095.0	15127	905.7	242.3	1095.0	15128	858.5	242.3	1095.0
15129	952.9	287.5	1095.0	15130	905.7	287.5	1095.0	15131	858.5	287.5	1095.0
15132	952.9	332.6	1095.0	15133	905.7	332.6	1095.0	15134	858.5	332.6	1095.0
15135	340.3	49.3	1095.0	15136	290.8	49.3	1095.0	15137	340.3	98.6	1095.0
15138	290.8	98.6	1095.0	15139	2705.7	1203.9	1095.0	15140	340.3	147.9	1095.0
15141	290.8	147.9	1095.0	15142	192.0	49.3	1095.0	15143	142.6	49.3	1095.0
15144	93.1	49.3	1095.0	15145	41.4	49.3	1095.0	15146	192.0	98.6	1095.0
15147	142.6	98.6	1095.0	15148	93.1	98.6	1095.0	15149	41.4	98.6	1095.0
15150	192.0	147.9	1095.0	15151	142.6	147.9	1095.0	15152	93.1	147.9	1095.0
15153	41.4	147.9	1095.0	15154	695.8	197.2	1095.0	15155	422.8	197.2	1095.0
15156	498.1	197.2	1095.0	15157	547.5	197.2	1095.0	15158	597.0	197.2	1095.0
15159	646.4	197.2	1095.0	15160	695.8	242.3	1095.0	15161	695.8	287.5	1095.0
15162	695.8	332.6	1095.0	15163	646.4	242.3	1095.0	15164	597.0	242.3	1095.0
15165	547.5	242.3	1095.0	15166	498.1	242.3	1095.0	15167	422.8	242.3	1095.0
15168	646.4	287.5	1095.0	15169	597.0	287.5	1095.0	15170	547.5	287.5	1095.0
15171	-1400.5	377.7	1095.0	15172	498.1	287.5	1095.0	15173	422.8	287.5	1095.0
15174	-734.3	-15.0	1095.0	15175	-677.7	-15.0	1095.0	15176	-767.4	-15.0	1095.0
15177	-1124.5	-15.0	1095.0	15178	-871.2	-15.0	1095.0	15179	-1073.8	-15.0	1095.0
15180	-1023.2	-15.0	1095.0	15181	-972.5	-15.0	1095.0	15182	-921.8	-15.0	1095.0
15183	646.4	242.3	726.9	15184	646.4	332.6	1095.0	15185	597.0	332.6	1095.0
15186	547.5	332.6	1095.0	15187	-1442.2	584.7	1095.0	15188	498.1	332.6	1095.0
15189	422.8	332.6	1095.0	15190	2736.9	1203.9	1095.0	15191	695.8	49.3	1095.0
15192	695.8	98.6	1095.0	15193	695.8	147.9	1095.0	15194	646.4	49.3	1095.0
15195	811.4	509.1	1095.0	15196	770.1	509.1	1095.0	15197	811.4	465.3	1095.0
15198	811.4	421.5	1095.0	15199	770.1	421.5	1095.0	15200	770.1	465.3	1095.0
15201	1000.0	509.1	1095.0	15202	858.5	509.1	1095.0	15203	905.7	509.1	1095.0
15204	952.9	509.1	1095.0	15205	1000.0	465.3	1095.0	15206	1000.0	421.5	1095.0
15207	952.9	421.5	1095.0	15208	952.9	465.3	1095.0	15209	905.7	421.5	1095.0
15210	905.7	465.3	1095.0	15211	858.5	421.5	1095.0	15212	858.5	465.3	1095.0
15213	597.0	49.3	1095.0	15214	547.5	49.3	1095.0	15215	498.1	49.3	1095.0
15216	-1449.9	623.2	1095.0	15217	422.8	49.3	1095.0	15218	646.4	98.6	1095.0
15219	-1584.3	870.0	1095.0	15220	597.0	98.6	1095.0	15221	-1460.2	674.6	1095.0
15222	547.5	98.6	1095.0	15223	498.1	98.6	1095.0	15224	422.8	98.6	1095.0
15225	-1382.4	287.5	1095.0	15226	646.4	147.9	1095.0	15227	597.0	147.9	1095.0
15228	-1269.0	-15.0	1095.0	15229	547.5	147.9	1095.0	15230	498.1	147.9	1095.0
15231	2751.9	1230.7	1095.0	15232	422.8	147.9	1095.0	15233	241.4	-15.0	1095.0
15234	41.4	-15.0	1095.0	15235	93.1	-15.0	1095.0	15236	2572.1	421.5	1095.0
15237	142.6	-15.0	1095.0	15238	192.0	-15.0	1095.0	15239	389.7	-15.0	1095.0
15240	-1220.8	-15.0	1095.0	15241	-1172.7	-15.0	1095.0	15242	-1418.1	465.3	1095.0
15243	290.8	-15.0	1095.0	15244	340.3	-15.0	1095.0	15245	695.8	-15.0	1095.0
15246	811.4	-15.0	1095.0	15247	422.8	-15.0	1095.0	15248	2572.1	465.3	1095.0
15249	498.1	-15.0	1095.0	15250	2428.9	509.1	1095.0	15251	547.5	-15.0	1095.0
15252	597.0	-15.0	1095.0	15253	646.4	-15.0	1095.0	15254	389.7	19.5	1095.0
15255	340.3	19.5	1095.0	15256	-1567.1	332.6	-80.0	15257	-1458.0	151.1	-80.0
15258	-1509.9	377.7	-80.0	15259	-1509.9	242.3	-80.0	15260	770.1	-15.0	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
15261	-1509.9	287.5	-80.0	15262	1000.0	-15.0	1095.0	15263	858.5	-15.0	1095.0
15264	-1509.9	332.6	-80.0	15265	905.7	-15.0	1095.0	15266	-1509.9	726.0	-80.0
15267	-1412.8	197.2	-80.0	15268	952.9	-15.0	1095.0	15269	-1461.3	197.2	-80.0
15270	2642.7	509.1	1095.0	15271	-1317.2	1013.1	-80.0	15272	-1365.3	1013.1	-80.0
15273	2642.7	421.5	1095.0	15274	-1509.9	674.6	-80.0	15275	-1413.5	999.9	-80.0
15276	-1461.7	1013.1	-80.0	15277	-1567.1	509.1	-80.0	15278	-1567.1	421.5	-80.0
15279	1075.4	0.0	1095.0	15280	2642.7	465.3	1095.0	15281	1075.4	197.2	1095.0
15282	1075.4	49.3	1095.0	15283	1075.4	98.6	1095.0	15284	-1567.1	465.3	-80.0
15285	1075.4	147.9	1095.0	15286	1075.4	19.5	1095.0	15287	1037.7	332.6	1095.0
15288	1037.7	-15.0	1095.0	15289	2685.3	509.1	1095.0	15290	2685.3	421.5	1095.0
15291	1037.7	0.0	1095.0	15292	-839.1	19.5	-80.0	15293	1037.7	19.5	1095.0
15294	1037.7	49.3	1095.0	15295	2312.6	509.1	1095.0	15296	2685.3	465.3	1095.0
15297	1037.7	98.6	1095.0	15298	2705.7	509.1	1095.0	15299	2705.7	421.5	1095.0
15300	1037.7	147.9	1095.0	15301	1037.7	197.2	1095.0	15302	1037.7	242.3	1095.0
15303	2705.7	465.3	1095.0	15304	-1490.0	822.3	1095.0	15305	1037.7	287.5	1095.0
15306	-1172.7	1060.8	-80.0	15307	2748.5	1247.6	1095.0	15308	-1584.3	1247.6	1095.0
15309	-1543.5	1221.7	-80.0	15310	-804.5	1247.6	1095.0	15311	389.7	726.0	1095.0
15312	695.8	726.0	1095.0	15313	389.7	674.6	1095.0	15314	695.8	674.6	1095.0
15315	646.4	726.0	1095.0	15316	597.0	726.0	1095.0	15317	547.5	726.0	1095.0
15318	498.1	726.0	1095.0	15319	422.8	726.0	1095.0	15320	646.4	674.6	1095.0
15321	597.0	674.6	1095.0	15322	547.5	674.6	1095.0	15323	498.1	674.6	1095.0
15324	422.8	674.6	1095.0	15325	290.8	726.0	1095.0	15326	340.3	726.0	1095.0
15327	290.8	674.6	1095.0	15328	340.3	674.6	1095.0	15329	389.7	755.8	1095.0
15330	340.3	755.8	1095.0	15331	290.8	755.8	1095.0	15332	728.9	546.1	1095.0
15333	811.4	546.1	1095.0	15334	770.1	546.1	1095.0	15335	1000.0	546.1	1095.0
15336	952.9	546.1	1095.0	15337	905.7	546.1	1095.0	15338	858.5	546.1	1095.0
15339	-1462.8	-15.0	1095.0	15340	-767.4	1247.6	1095.0	15341	-1415.7	-15.0	1095.0
15342	-734.3	1247.6	1095.0	15343	-1147.7	546.1	-80.0	15344	-827.7	0.0	-80.0
15345	-818.9	-15.0	-80.0	15346	-1124.5	377.7	-80.0	15347	-1124.5	197.2	-80.0
15348	-871.2	197.2	-80.0	15349	-871.2	377.7	-80.0	15350	-1124.5	332.6	-80.0
15351	-1124.5	287.5	-80.0	15352	-1124.5	242.3	-80.0	15353	-1073.8	197.2	-80.0
15354	2728.1	1247.6	1095.0	15355	-1023.2	197.2	-80.0	15356	-972.5	197.2	-80.0
15357	-943.2	197.2	-80.0	15358	-871.2	242.3	-80.0	15359	-871.2	287.5	-80.0
15360	-621.1	1247.6	1095.0	15361	241.4	791.2	1095.0	15362	192.0	791.2	1095.0
15363	142.6	791.2	1095.0	15364	93.1	791.2	1095.0	15365	41.4	791.2	1095.0
15366	389.7	791.2	1095.0	15367	340.3	791.2	1095.0	15368	290.8	791.2	1095.0
15369	695.8	755.8	1095.0	15370	646.4	755.8	1095.0	15371	597.0	755.8	1095.0
15372	547.5	755.8	1095.0	15373	498.1	755.8	1095.0	15374	422.8	755.8	1095.0
15375	695.8	791.2	1095.0	15376	646.4	791.2	1095.0	15377	597.0	791.2	1095.0
15378	547.5	791.2	1095.0	15379	498.1	791.2	1095.0	15380	422.8	791.2	1095.0
15381	389.7	822.3	1095.0	15382	695.8	822.3	1095.0	15383	646.4	822.3	1095.0
15384	597.0	822.3	1095.0	15385	547.5	822.3	1095.0	15386	498.1	822.3	1095.0
15387	422.8	822.3	1095.0	15388	241.4	822.3	1095.0	15389	340.3	822.3	1095.0
15390	290.8	822.3	1095.0	15391	241.4	1203.9	1095.0	15392	389.7	1203.9	1095.0
15393	241.4	1156.2	1095.0	15394	241.4	1108.5	1095.0	15395	241.4	1060.8	1095.0
15396	241.4	1013.1	1095.0	15397	241.4	965.4	1095.0	15398	241.4	917.7	1095.0
15399	241.4	870.0	1095.0	15400	389.7	870.0	1095.0	15401	389.7	917.7	1095.0
15402	389.7	965.4	1095.0	15403	389.7	1013.1	1095.0	15404	389.7	1060.8	1095.0
15405	389.7	1108.5	1095.0	15406	389.7	1156.2	1095.0	15407	340.3	1203.9	1095.0
15408	290.8	1203.9	1095.0	15409	340.3	870.0	1095.0	15410	290.8	870.0	1095.0
15411	340.3	917.7	1095.0	15412	290.8	917.7	1095.0	15413	340.3	965.4	1095.0
15414	290.8	965.4	1095.0	15415	340.3	1013.1	1095.0	15416	290.8	1013.1	1095.0
15417	340.3	1060.8	1095.0	15418	290.8	1060.8	1095.0	15419	340.3	1108.5	1095.0
15420	290.8	1108.5	1095.0	15421	340.3	1156.2	1095.0	15422	290.8	1156.2	1095.0
15423	-10.4	1203.9	1095.0	15424	-10.4	822.3	1095.0	15425	-10.4	1156.2	1095.0
15426	-10.4	1108.5	1095.0	15427	-10.4	1060.8	1095.0	15428	-10.4	1013.1	1095.0
15429	-10.4	965.4	1095.0	15430	-10.4	917.7	1095.0	15431	-10.4	870.0	1095.0
15432	41.4	822.3	1095.0	15433	93.1	822.3	1095.0	15434	142.6	822.3	1095.0
15435	192.0	822.3	1095.0	15436	192.0	1203.9	1095.0	15437	142.6	1203.9	1095.0
15438	93.1	1203.9	1095.0	15439	41.4	1203.9	1095.0	15440	192.0	870.0	1095.0
15441	142.6	870.0	1095.0	15442	93.1	870.0	1095.0	15443	41.4	870.0	1095.0
15444	192.0	917.7	1095.0	15445	142.6	917.7	1095.0	15446	93.1	917.7	1095.0
15447	41.4	917.7	1095.0	15448	192.0	965.4	1095.0	15449	142.6	965.4	1095.0
15450	93.1	965.4	1095.0	15451	41.4	965.4	1095.0	15452	192.0	1013.1	1095.0
15453	142.6	1013.1	1095.0	15454	93.1	1013.1	1095.0	15455	41.4	1013.1	1095.0
15456	192.0	1060.8	1095.0	15457	142.6	1060.8	1095.0	15458	93.1	1060.8	1095.0
15459	41.4	1060.8	1095.0	15460	192.0	1108.5	1095.0	15461	142.6	1108.5	1095.0
15462	93.1	1108.5	1095.0	15463	41.4	1108.5	1095.0	15464	192.0	1156.2	1095.0
15465	142.6	1156.2	1095.0	15466	93.1	1156.2	1095.0	15467	41.4	1156.2	1095.0
15468	-62.2	1203.9	1095.0	15469	-62.2	822.3	1095.0	15470	-62.2	1156.2	1095.0
15471	-62.2	1108.5	1095.0	15472	-62.2	1060.8	1095.0	15473	-62.2	1013.1	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
15474	-62.2	965.4	1095.0	15475	-62.2	917.7	1095.0	15476	-62.2	870.0	1095.0
15477	-208.6	1203.9	1095.0	15478	-208.6	822.3	1095.0	15479	-208.6	1156.2	1095.0
15480	-208.6	1108.5	1095.0	15481	-208.6	1060.8	1095.0	15482	-208.6	1013.1	1095.0
15483	-208.6	965.4	1095.0	15484	-208.6	917.7	1095.0	15485	-208.6	870.0	1095.0
15486	-159.8	822.3	1095.0	15487	-111.0	822.3	1095.0	15488	-111.0	1203.9	1095.0
15489	-159.8	1203.9	1095.0	15490	-111.0	870.0	1095.0	15491	-159.8	870.0	1095.0
15492	-111.0	917.7	1095.0	15493	-159.8	917.7	1095.0	15494	-111.0	965.4	1095.0
15495	-159.8	965.4	1095.0	15496	-111.0	1013.1	1095.0	15497	-159.8	1013.1	1095.0
15498	-111.0	1060.8	1095.0	15499	-159.8	1060.8	1095.0	15500	-111.0	1108.5	1095.0
15501	-159.8	1108.5	1095.0	15502	-111.0	1156.2	1095.0	15503	-159.8	1156.2	1095.0
15504	728.9	623.2	1095.0	15505	728.9	584.7	1095.0	15506	770.1	623.2	1095.0
15507	770.1	584.7	1095.0	15508	-1368.6	-15.0	1095.0	15509	-677.7	1247.6	1095.0
15510	-871.2	332.6	-80.0	15511	-407.1	1247.6	1095.0	15512	-921.8	377.7	-80.0
15513	-972.5	377.7	-80.0	15514	-1049.0	377.7	-80.0	15515	-460.6	1247.6	1095.0
15516	-514.1	1247.6	1095.0	15517	-567.6	1247.6	1095.0	15518	-1073.8	377.7	-80.0
15519	-1499.6	870.0	1095.0	15520	-257.4	1247.6	1095.0	15521	-921.8	242.3	-80.0
15522	2736.9	509.1	1095.0	15523	-969.7	242.3	-80.0	15524	-1023.2	242.3	-80.0
15525	-1073.8	242.3	-80.0	15526	-921.8	287.5	-80.0	15528	-306.1	1247.6	1095.0
15529	-356.6	1247.6	1095.0	15530	-1023.2	287.5	-80.0	15531	-1073.8	287.5	-80.0
15532	-1509.2	917.7	1095.0	15533	-921.8	332.6	-80.0	15534	-972.5	332.6	-80.0
15535	-1022.6	332.6	-80.0	15536	-1073.8	332.6	-80.0	15537	-1124.5	0.0	-80.0
15538	-871.2	0.0	-80.0	15539	-1370.9	0.0	1065.5	15540	-1124.5	147.9	-80.0
15541	-1124.5	98.6	-80.0	15542	-1124.5	49.3	-80.0	15543	-208.6	1247.6	1095.0
15544	-1073.8	0.0	-80.0	15545	-62.2	1247.6	1095.0	15546	-1023.2	0.0	-80.0
15547	-972.5	0.0	-80.0	15548	-921.8	0.0	-80.0	15549	-856.6	49.3	-80.0
15550	-885.5	98.6	-80.0	15551	-111.0	1247.6	1095.0	15552	-159.8	1247.6	1095.0
15553	-871.2	147.9	-80.0	15554	-10.4	1247.6	1095.0	15555	-921.8	49.3	-80.0
15556	-972.5	49.3	-80.0	15557	-1023.2	49.3	-80.0	15558	-1073.8	49.3	-80.0
15559	241.4	1247.6	1095.0	15560	-921.8	98.6	-80.0	15561	-972.5	98.6	-80.0
15562	-1023.2	98.6	-80.0	15563	-1073.8	98.6	-80.0	15564	-914.4	147.9	-80.0
15565	-972.5	147.9	-80.0	15566	-1023.2	147.9	-80.0	15567	2736.9	421.5	1095.0
15568	-1417.2	0.0	1065.5	15569	-1073.8	147.9	-80.0	15570	-1124.5	506.6	-80.0
15571	-871.2	509.1	-80.0	15572	-1124.5	465.3	-80.0	15573	-1124.5	421.5	-80.0
15574	192.0	1247.6	1095.0	15575	142.6	1247.6	1095.0	15576	93.1	1247.6	1095.0
15577	41.4	1247.6	1095.0	15578	728.9	726.0	1095.0	15579	728.9	674.6	1095.0
15580	811.4	726.0	1095.0	15581	422.8	0.0	310.5	15582	422.8	0.0	235.0
15583	422.8	0.0	182.5	15584	422.8	0.0	130.0	15585	422.8	0.0	77.5
15586	422.8	0.0	25.0	15587	422.8	0.0	-27.5	15588	422.8	19.5	-27.5
15589	422.8	19.5	25.0	15590	422.8	19.5	77.5	15591	422.8	19.5	130.0
15592	422.8	19.5	182.5	15593	422.8	19.5	235.0	15594	422.8	19.5	310.5
15595	422.8	49.3	310.5	15596	422.8	49.3	235.0	15597	422.8	49.3	182.5
15598	422.8	49.3	130.0	15599	422.8	49.3	77.5	15600	422.8	49.3	25.0
15601	422.8	49.3	-27.5	15602	422.8	0.0	388.6	15603	422.8	0.0	437.1
15604	422.8	0.0	485.7	15605	422.8	0.0	534.3	15606	422.8	0.0	582.9
15607	422.8	0.0	697.4	15608	422.8	19.5	697.4	15609	422.8	19.5	582.9
15610	422.8	19.5	534.3	15611	422.8	19.5	485.7	15612	422.8	19.5	437.1
15613	422.8	19.5	388.6	15614	422.8	49.3	388.6	15615	422.8	49.3	437.1
15616	422.8	49.3	485.7	15617	422.8	49.3	534.3	15618	422.8	49.3	582.9
15619	422.8	49.3	697.4	15620	422.8	98.6	388.6	15621	422.8	98.6	437.1
15622	422.8	98.6	485.7	15623	422.8	98.6	534.3	15624	422.8	98.6	582.9
15625	422.8	98.6	697.4	15626	422.8	98.6	-27.5	15627	422.8	98.6	25.0
15628	422.8	98.6	77.5	15629	422.8	98.6	130.0	15630	422.8	98.6	182.5
15631	422.8	98.6	235.0	15632	422.8	98.6	310.5	15633	422.8	147.9	-27.5
15634	422.8	147.9	25.0	15635	422.8	147.9	77.5	15636	422.8	147.9	130.0
15637	422.8	147.9	182.5	15638	422.8	147.9	235.0	15639	422.8	147.9	310.5
15640	422.8	377.7	-27.5	15641	422.8	377.7	25.0	15642	422.8	377.7	77.5
15643	422.8	377.7	130.0	15644	422.8	377.7	182.5	15645	422.8	377.7	235.0
15646	422.8	377.7	310.5	15647	422.8	332.6	310.5	15648	422.8	332.6	235.0
15649	422.8	332.6	182.5	15650	422.8	332.6	130.0	15651	422.8	332.6	77.5
15652	422.8	332.6	25.0	15653	422.8	332.6	-27.5	15654	422.8	287.5	310.5
15655	422.8	287.5	235.0	15656	422.8	287.5	182.5	15657	422.8	287.5	130.0
15658	422.8	287.5	77.5	15659	422.8	287.5	25.0	15660	422.8	287.5	-27.5
15661	422.8	242.3	-27.5	15662	422.8	242.3	25.0	15663	422.8	242.3	77.5
15664	422.8	242.3	130.0	15665	422.8	242.3	182.5	15666	422.8	242.3	235.0
15667	422.8	242.3	310.5	15668	422.8	197.2	310.5	15669	422.8	197.2	235.0
15670	422.8	197.2	182.5	15671	422.8	197.2	130.0	15672	422.8	197.2	77.5
15673	422.8	197.2	25.0	15674	422.8	197.2	-27.5	15675	422.8	147.9	388.6
15676	422.8	147.9	437.1	15677	422.8	147.9	485.7	15678	422.8	147.9	534.3
15679	422.8	147.9	582.9	15680	422.8	147.9	697.4	15681	422.8	377.7	388.6
15682	422.8	377.7	437.1	15683	422.8	377.7	485.7	15684	422.8	377.7	534.3
15685	422.8	377.7	582.9	15686	422.8	377.7	697.4	15687	422.8	332.6	697.4

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
15688	422.8	332.6	582.9	15689	422.8	332.6	534.3	15690	422.8	332.6	485.7
15691	422.8	332.6	437.1	15692	422.8	332.6	388.6	15693	422.8	287.5	697.4
15694	422.8	287.5	582.9	15695	422.8	287.5	534.3	15696	422.8	287.5	485.7
15697	422.8	287.5	437.1	15698	422.8	287.5	388.6	15699	422.8	197.2	388.6
15700	422.8	197.2	437.1	15701	422.8	197.2	485.7	15702	422.8	197.2	534.3
15703	422.8	197.2	582.9	15704	422.8	197.2	697.4	15705	422.8	242.3	697.4
15706	422.8	242.3	582.9	15707	422.8	242.3	534.3	15708	422.8	242.3	485.7
15709	422.8	242.3	437.1	15710	422.8	242.3	388.6	15711	422.8	377.7	726.9
15712	422.8	377.7	773.8	15713	422.8	377.7	820.6	15714	422.8	377.7	867.5
15715	422.8	377.7	914.4	15716	422.8	377.7	961.3	15717	422.8	377.7	1065.5
15718	422.8	332.6	1065.5	15719	422.8	332.6	961.3	15720	422.8	332.6	914.4
15721	422.8	332.6	867.5	15722	422.8	332.6	820.6	15723	422.8	332.6	773.8
15724	422.8	332.6	726.9	15725	422.8	287.5	726.9	15726	422.8	287.5	773.8
15727	422.8	287.5	820.6	15728	422.8	287.5	867.5	15729	422.8	287.5	914.4
15730	422.8	287.5	961.3	15731	422.8	287.5	1065.5	15732	422.8	0.0	726.9
15733	422.8	0.0	773.8	15734	422.8	0.0	820.6	15735	422.8	0.0	867.5
15736	422.8	0.0	914.4	15737	422.8	0.0	961.3	15738	422.8	0.0	1065.5
15739	422.8	19.5	1065.5	15740	422.8	19.5	961.3	15741	422.8	19.5	914.4
15742	422.8	19.5	867.5	15743	422.8	19.5	820.6	15744	422.8	19.5	773.8
15745	422.8	19.5	726.9	15746	422.8	49.3	726.9	15747	422.8	49.3	773.8
15748	422.8	49.3	820.6	15749	422.8	49.3	867.5	15750	422.8	49.3	914.4
15751	422.8	49.3	961.3	15752	422.8	49.3	1065.5	15753	422.8	98.6	726.9
15754	422.8	98.6	773.8	15755	422.8	98.6	820.6	15756	422.8	98.6	867.5
15757	422.8	98.6	914.4	15758	422.8	98.6	961.3	15759	422.8	98.6	1065.5
15760	422.8	147.9	726.9	15761	422.8	147.9	773.8	15762	422.8	147.9	820.6
15763	422.8	147.9	867.5	15764	422.8	147.9	914.4	15765	422.8	147.9	961.3
15766	422.8	147.9	1065.5	15767	422.8	197.2	726.9	15768	422.8	197.2	773.8
15769	422.8	197.2	820.6	15770	422.8	197.2	867.5	15771	422.8	197.2	914.4
15772	422.8	197.2	961.3	15773	422.8	197.2	1065.5	15774	422.8	242.3	726.9
15775	422.8	242.3	773.8	15776	422.8	242.3	820.6	15777	422.8	242.3	867.5
15778	422.8	242.3	914.4	15779	422.8	242.3	961.3	15780	422.8	242.3	1065.5
15781	-159.8	287.4	130.0	15782	-111.0	332.6	130.0	15783	-111.0	19.5	130.0
15784	-111.0	49.3	130.0	15785	-111.0	98.6	130.0	15786	-111.0	147.9	130.0
15787	-306.1	377.7	697.4	15788	-306.1	377.7	582.9	15789	-306.1	377.7	534.3
15790	-306.1	377.7	485.7	15791	-306.1	377.7	437.1	15792	-306.1	377.7	388.6
15793	-306.1	332.6	388.6	15794	-306.1	332.6	437.1	15795	-306.1	332.6	485.7
15796	-306.1	332.6	534.3	15797	-306.1	332.6	582.9	15798	-306.1	332.6	697.4
15799	-306.1	377.7	310.5	15800	-306.1	377.7	235.0	15801	-306.1	377.7	182.5
15802	-306.1	377.7	130.0	15803	-306.1	377.7	77.5	15804	-306.1	377.7	25.0
15805	-306.1	377.7	-27.5	15806	-306.1	332.6	-27.5	15807	-306.1	332.6	25.0
15808	-306.1	332.6	77.5	15809	-306.1	332.6	130.0	15810	-306.1	332.6	182.5
15811	-306.1	332.6	235.0	15812	-306.1	332.6	310.5	15813	-306.1	287.4	-27.5
15814	-306.1	287.4	25.0	15815	-306.1	287.4	77.5	15816	-306.1	287.4	130.0
15817	-306.1	287.4	182.5	15818	-306.1	287.4	235.0	15819	-306.1	287.4	310.5
15820	-306.1	242.3	-27.5	15821	-306.1	242.3	25.0	15822	-306.1	242.3	77.5
15823	-306.1	242.3	130.0	15824	-306.1	242.3	182.5	15825	-306.1	242.3	235.0
15826	-306.1	242.3	310.5	15827	-306.1	197.2	-27.5	15828	-306.1	197.2	25.0
15829	-306.1	197.2	77.5	15830	-306.1	197.2	130.0	15831	-306.1	197.2	182.5
15832	-306.1	197.2	235.0	15833	-306.1	197.2	310.5	15834	-306.1	147.9	-27.5
15835	-306.1	147.9	25.0	15836	-306.1	147.9	77.5	15837	-306.1	147.9	130.0
15838	-306.1	147.9	182.5	15839	-306.1	147.9	235.0	15840	-306.1	147.9	310.5
15841	-306.1	98.6	-27.5	15842	-306.1	98.6	25.0	15843	-306.1	98.6	77.5
15844	-306.1	98.6	130.0	15845	-306.1	98.6	182.5	15846	-306.1	98.6	235.0
15847	-306.1	98.6	310.5	15848	-306.1	49.3	-27.5	15849	-306.1	49.3	25.0
15850	-306.1	49.3	77.5	15851	-306.1	49.3	130.0	15852	-306.1	49.3	182.5
15853	-306.1	49.3	235.0	15854	-306.1	49.3	310.5	15855	-306.1	0.0	310.5
15856	-306.1	0.0	235.0	15857	-306.1	0.0	182.5	15858	-306.1	0.0	130.0
15859	-306.1	0.0	77.5	15860	-306.1	0.0	25.0	15861	-306.1	0.0	-27.5
15862	-306.1	19.5	-27.5	15863	-306.1	19.5	25.0	15864	-306.1	19.5	77.5
15865	-306.1	19.5	130.0	15866	-306.1	19.5	182.5	15867	-306.1	19.5	235.0
15868	-306.1	19.5	310.5	15869	-306.1	0.0	388.6	15870	-306.1	0.0	437.1
15871	-306.1	0.0	485.7	15872	-306.1	0.0	534.3	15873	-306.1	0.0	582.9
15874	-306.1	0.0	697.4	15875	-306.1	19.5	697.4	15876	-306.1	19.5	582.9
15877	-306.1	19.5	534.3	15878	-306.1	19.5	485.7	15879	-306.1	19.5	437.1
15880	-306.1	19.5	388.6	15881	-306.1	49.3	697.4	15882	-306.1	49.3	582.9
15883	-306.1	49.3	534.3	15884	-306.1	49.3	485.7	15885	-306.1	49.3	437.1
15886	-306.1	49.3	388.6	15887	-306.1	98.6	388.6	15888	-306.1	98.6	437.1
15889	-306.1	98.6	485.7	15890	-306.1	98.6	534.3	15891	-306.1	98.6	582.9
15892	-306.1	98.6	697.4	15893	-306.1	147.9	388.6	15894	-306.1	147.9	437.1
15895	-306.1	147.9	485.7	15896	-306.1	147.9	534.3	15897	-306.1	147.9	582.9
15898	-306.1	147.9	697.4	15899	-306.1	197.2	388.6	15900	-306.1	197.2	437.1

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
15901	-306.1	197.2	485.7	15902	-306.1	197.2	534.3	15903	-306.1	197.2	582.9
15904	-306.1	197.2	697.4	15905	-306.1	242.3	388.6	15906	-306.1	242.3	437.1
15907	-306.1	242.3	485.7	15908	-306.1	242.3	534.3	15909	-306.1	242.3	582.9
15910	-306.1	242.3	697.4	15911	-306.1	287.4	388.6	15912	-306.1	287.4	437.1
15913	-306.1	287.4	485.7	15914	-306.1	287.4	534.3	15915	-306.1	287.4	582.9
15916	-306.1	287.4	697.4	15917	-306.1	377.7	726.9	15918	-306.1	377.7	773.8
15919	-306.1	377.7	820.6	15920	-306.1	377.7	867.5	15921	-306.1	377.7	914.4
15922	-306.1	377.7	961.3	15923	-306.1	377.7	1065.5	15924	-306.1	332.6	1065.5
15925	-306.1	332.6	961.3	15926	-306.1	332.6	914.4	15927	-306.1	332.6	867.5
15928	-306.1	332.6	820.6	15929	-306.1	332.6	773.8	15930	-306.1	332.6	726.9
15931	-306.1	287.4	1065.5	15932	-306.1	287.4	961.3	15933	-306.1	287.4	914.4
15934	-306.1	287.4	867.5	15935	-306.1	287.4	820.6	15936	-306.1	287.4	773.8
15937	-306.1	287.4	726.9	15938	646.4	242.3	773.8	15939	-306.1	0.0	961.3
15940	-306.1	0.0	914.4	15941	-306.1	0.0	867.5	15942	-306.1	0.0	820.6
15943	-306.1	0.0	773.8	15944	-306.1	0.0	726.9	15945	-306.1	19.5	726.9
15946	-306.1	19.5	773.8	15947	-306.1	19.5	820.6	15948	-306.1	19.5	867.5
15949	-306.1	19.5	914.4	15950	-306.1	19.5	961.3	15951	-306.1	19.5	1065.5
15952	-306.1	49.3	1065.5	15953	-306.1	49.3	961.3	15954	-306.1	49.3	914.4
15955	-306.1	49.3	867.5	15956	-306.1	49.3	820.6	15957	-306.1	49.3	773.8
15958	-306.1	49.3	726.9	15959	-306.1	98.6	1065.5	15960	-306.1	98.6	961.3
15961	-306.1	98.6	914.4	15962	-306.1	98.6	867.5	15963	-306.1	98.6	820.6
15964	-306.1	98.6	773.8	15965	-306.1	98.6	726.9	15966	-306.1	147.9	1065.5
15967	-306.1	147.9	961.3	15968	-306.1	147.9	914.4	15969	-306.1	147.9	867.5
15970	-306.1	147.9	820.6	15971	-306.1	147.9	773.8	15972	-306.1	147.9	726.9
15973	-306.1	197.2	1065.5	15974	-306.1	197.2	961.3	15975	-306.1	197.2	914.4
15976	-306.1	197.2	867.5	15977	-306.1	197.2	820.6	15978	-306.1	197.2	773.8
15979	-306.1	197.2	726.9	15980	-306.1	242.3	1065.5	15981	-306.1	242.3	961.3
15982	-306.1	242.3	914.4	15983	-306.1	242.3	867.5	15984	-306.1	242.3	820.6
15985	-306.1	242.3	773.8	15986	-306.1	242.3	726.9	15987	389.7	377.7	310.5
15988	389.7	377.7	235.0	15989	389.7	377.7	182.5	15990	389.7	377.7	130.0
15991	389.7	377.7	77.5	15992	389.7	377.7	25.0	15993	389.7	377.7	-27.5
15994	340.3	377.7	-27.5	15995	340.3	49.3	718.0	15996	340.3	98.6	718.0
15997	340.3	147.9	718.0	15998	340.3	19.5	718.0	15999	340.3	377.7	235.0
16000	340.3	377.7	310.5	16001	290.8	377.7	-27.5	16002	2736.9	242.3	726.9
16003	2736.9	242.3	773.8	16004	2736.9	242.3	820.6	16005	2736.9	242.3	867.5
16006	290.8	377.7	235.0	16007	290.8	377.7	310.5	16008	-257.4	377.7	-27.5
16009	-257.4	377.7	25.0	16010	-257.4	377.7	77.5	16011	-257.4	377.7	130.0
16012	-257.4	377.7	182.5	16013	-257.4	377.7	235.0	16014	-257.4	377.7	310.5
16015	-208.6	377.7	-27.5	16016	-208.6	377.7	25.0	16017	-208.6	377.7	77.5
16018	-208.6	377.7	130.0	16019	-208.6	377.7	182.5	16020	-208.6	377.7	235.0
16021	-208.6	377.7	310.5	16022	-159.8	377.7	-27.5	16023	-159.8	377.7	25.0
16024	-159.8	377.7	77.5	16025	-159.8	377.7	130.0	16026	-159.8	377.7	182.5
16027	-159.8	377.7	235.0	16028	-159.8	377.7	310.5	16029	-111.0	377.7	-27.5
16030	-111.0	377.7	25.0	16031	-111.0	377.7	77.5	16032	-111.0	377.7	130.0
16033	-111.0	377.7	182.5	16034	-111.0	377.7	235.0	16035	-111.0	377.7	310.5
16036	-62.2	377.7	-27.5	16037	-62.2	377.7	25.0	16038	-62.2	377.7	77.5
16039	-62.2	377.7	130.0	16040	-62.2	377.7	182.5	16041	-62.2	377.7	235.0
16042	-62.2	377.7	310.5	16043	-10.4	377.7	-27.5	16044	-10.4	377.7	25.0
16045	-10.4	377.7	77.5	16046	-10.4	377.7	130.0	16047	-10.4	377.7	182.5
16048	-10.4	377.7	235.0	16049	-10.4	377.7	310.5	16050	41.4	377.7	-27.5
16051	41.4	377.7	25.0	16052	41.4	377.7	77.5	16053	41.4	377.7	130.0
16054	41.4	377.7	182.5	16055	41.4	377.7	235.0	16056	41.4	377.7	310.5
16057	93.1	377.7	-27.5	16058	93.1	377.7	25.0	16059	93.1	377.7	77.5
16060	93.1	377.7	130.0	16061	93.1	377.7	182.5	16062	93.1	377.7	235.0
16063	93.1	377.7	310.5	16064	142.6	377.7	-27.5	16065	142.6	377.7	25.0
16066	142.6	377.7	77.5	16067	142.6	377.7	130.0	16068	142.6	377.7	182.5
16069	142.6	377.7	235.0	16070	142.6	377.7	310.5	16071	192.0	377.7	-27.5
16072	192.0	377.7	25.0	16073	192.0	377.7	77.5	16074	192.0	377.7	130.0
16075	192.0	377.7	182.5	16076	192.0	377.7	235.0	16077	192.0	377.7	310.5
16078	241.4	377.7	-27.5	16079	241.4	377.7	25.0	16080	241.4	377.7	77.5
16081	241.4	377.7	130.0	16082	241.4	377.7	182.5	16083	241.4	377.7	235.0
16084	241.4	377.7	310.5	16085	-257.4	377.7	388.6	16086	-257.4	377.7	437.1
16087	-257.4	377.7	485.7	16088	-257.4	377.7	534.3	16089	-257.4	377.7	582.9
16090	-257.4	377.7	697.4	16091	-208.6	377.7	388.6	16092	-208.6	377.7	437.1
16093	-208.6	377.7	485.7	16094	-208.6	377.7	534.3	16095	-208.6	377.7	582.9
16096	-208.6	377.7	697.4	16097	-159.8	377.7	388.6	16098	-159.8	377.7	437.1
16099	-159.8	377.7	485.7	16100	-159.8	377.7	534.3	16101	-159.8	377.7	582.9
16102	-159.8	377.7	697.4	16103	-111.0	377.7	388.6	16104	-111.0	377.7	437.1
16105	-111.0	377.7	485.7	16106	-111.0	377.7	534.3	16107	-111.0	377.7	582.9
16108	-111.0	377.7	697.4	16109	-62.2	377.7	388.6	16110	-62.2	377.7	437.1
16111	-62.2	377.7	485.7	16112	-62.2	377.7	534.3	16113	-62.2	377.7	582.9

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
16114	-62.2	377.7	697.4	16115	-10.4	377.7	388.6	16116	-10.4	377.7	437.1
16117	-10.4	377.7	485.7	16118	-10.4	377.7	534.3	16119	-10.4	377.7	582.9
16120	-10.4	377.7	697.4	16121	41.4	377.7	388.6	16122	41.4	377.7	437.1
16123	41.4	377.7	485.7	16124	41.4	377.7	534.3	16125	41.4	377.7	582.9
16126	41.4	377.7	697.4	16127	93.1	377.7	388.6	16128	93.1	377.7	437.1
16129	93.1	377.7	485.7	16130	93.1	377.7	534.3	16131	93.1	377.7	582.9
16132	93.1	377.7	697.4	16133	142.6	377.7	388.6	16134	142.6	377.7	437.1
16135	142.6	377.7	485.7	16136	142.6	377.7	534.3	16137	142.6	377.7	582.9
16138	142.6	377.7	697.4	16139	389.7	377.7	388.6	16140	389.7	377.7	437.1
16141	389.7	377.7	485.7	16142	389.7	377.7	534.3	16143	389.7	377.7	582.9
16144	389.7	377.7	697.4	16145	290.8	197.2	718.0	16146	290.8	242.3	718.0
16147	290.8	287.5	718.0	16148	290.8	332.6	718.0	16149	340.3	377.7	582.9
16150	340.3	377.7	697.4	16151	2736.9	242.3	914.4	16152	2736.9	242.3	961.3
16153	2736.9	242.3	1065.5	16154	2736.9	287.5	726.9	16155	290.8	377.7	582.9
16156	290.8	377.7	697.4	16157	241.4	377.7	388.6	16158	241.4	377.7	437.1
16159	241.4	377.7	485.7	16160	241.4	377.7	534.3	16161	241.4	377.7	582.9
16162	241.4	377.7	697.4	16163	192.0	377.7	388.6	16164	192.0	377.7	437.1
16165	192.0	377.7	485.7	16166	192.0	377.7	534.3	16167	192.0	377.7	582.9
16168	192.0	377.7	697.4	16169	-257.4	377.7	726.9	16170	-257.4	377.7	773.8
16171	-257.4	377.7	820.6	16172	-257.4	377.7	867.5	16173	-257.4	377.7	914.4
16174	-257.4	377.7	961.3	16175	-257.4	377.7	1065.5	16176	389.7	377.7	726.9
16177	389.7	377.7	773.8	16178	389.7	377.7	820.6	16179	389.7	377.7	867.5
16180	389.7	377.7	914.4	16181	389.7	377.7	961.3	16182	389.7	377.7	1065.5
16183	290.8	49.3	718.0	16184	290.8	98.6	718.0	16185	290.8	147.9	718.0
16186	290.8	19.5	718.0	16187	340.3	377.7	914.4	16188	340.3	377.7	961.3
16189	340.3	377.7	1065.5	16190	290.8	377.7	1065.5	16191	290.8	377.7	961.3
16192	290.8	377.7	914.4	16193	2736.9	287.5	773.8	16194	2736.9	287.5	820.6
16195	2736.9	287.5	867.5	16196	2736.9	287.5	914.4	16197	-208.6	377.7	726.9
16198	-208.6	377.7	773.8	16199	-208.6	377.7	820.6	16200	-208.6	377.7	867.5
16201	-208.6	377.7	914.4	16202	-208.6	377.7	961.3	16203	-208.6	377.7	1065.5
16204	-159.8	377.7	726.9	16205	-159.8	377.7	773.8	16206	-159.8	377.7	820.6
16207	-159.8	377.7	867.5	16208	-159.8	377.7	914.4	16209	-159.8	377.7	961.3
16210	-159.8	377.7	1065.5	16211	-111.0	377.7	726.9	16212	-111.0	377.7	773.8
16213	-111.0	377.7	820.6	16214	-111.0	377.7	867.5	16215	-111.0	377.7	914.4
16216	-111.0	377.7	961.3	16217	-111.0	377.7	1065.5	16218	-62.2	377.7	726.9
16219	-62.2	377.7	773.8	16220	-62.2	377.7	820.6	16221	-62.2	377.7	867.5
16222	-62.2	377.7	914.4	16223	-62.2	377.7	961.3	16224	-62.2	377.7	1065.5
16225	-10.4	377.7	726.9	16226	-10.4	377.7	773.8	16227	-10.4	377.7	820.6
16228	-10.4	377.7	867.5	16229	-10.4	377.7	914.4	16230	-10.4	377.7	961.3
16231	-10.4	377.7	1065.5	16232	41.4	377.7	726.9	16233	41.4	377.7	773.8
16234	41.4	377.7	820.6	16235	41.4	377.7	867.5	16236	41.4	377.7	914.4
16237	41.4	377.7	961.3	16238	41.4	377.7	1065.5	16239	93.1	377.7	726.9
16240	93.1	377.7	773.8	16241	93.1	377.7	820.6	16242	93.1	377.7	867.5
16243	93.1	377.7	914.4	16244	93.1	377.7	961.3	16245	93.1	377.7	1065.5
16246	142.6	377.7	726.9	16247	142.6	377.7	773.8	16248	142.6	377.7	820.6
16249	142.6	377.7	867.5	16250	142.6	377.7	914.4	16251	142.6	377.7	961.3
16252	142.6	377.7	1065.5	16253	192.0	377.7	726.9	16254	192.0	377.7	773.8
16255	192.0	377.7	820.6	16256	192.0	377.7	867.5	16257	192.0	377.7	914.4
16258	192.0	377.7	961.3	16259	192.0	377.7	1065.5	16260	241.4	377.7	726.9
16261	241.4	377.7	773.8	16262	241.4	377.7	820.6	16263	241.4	377.7	867.5
16264	241.4	377.7	914.4	16265	241.4	377.7	961.3	16266	241.4	377.7	1065.5
16267	-111.0	197.2	130.0	16268	-111.0	242.3	130.0	16269	-111.0	287.4	130.0
16270	241.4	197.2	-27.5	16271	241.4	242.3	-27.5	16272	241.4	287.5	-27.5
16273	241.4	332.6	-27.5	16274	241.4	49.3	-27.5	16275	389.7	0.0	340.0
16276	241.4	98.6	-27.5	16277	192.0	0.0	340.0	16278	241.4	0.0	340.0
16279	290.8	0.0	340.0	16280	340.3	0.0	340.0	16281	241.4	147.9	-27.5
16282	241.4	19.5	-27.5	16283	-22.9	197.2	449.3	16284	-66.9	197.2	467.5
16285	65.2	197.2	412.9	16286	21.2	197.2	431.1	16287	153.3	197.2	376.4
16288	109.3	197.2	394.6	16289	389.7	0.0	718.0	16290	197.4	197.2	358.2
16291	-66.9	49.3	110.3	16292	241.4	0.0	718.0	16293	290.8	0.0	718.0
16294	340.3	0.0	718.0	16295	-257.4	0.0	-27.5	16296	-257.4	0.0	25.0
16297	-257.4	0.0	77.5	16298	-257.4	0.0	130.0	16299	-257.4	0.0	182.5
16300	-257.4	0.0	235.0	16301	-257.4	0.0	310.5	16302	-257.4	0.0	388.6
16303	-257.4	0.0	437.1	16304	-257.4	0.0	485.7	16305	-257.4	0.0	534.3
16306	-257.4	0.0	582.9	16307	-257.4	0.0	697.4	16308	-257.4	0.0	726.9
16309	-257.4	0.0	773.8	16310	-257.4	0.0	820.6	16311	-257.4	0.0	867.5
16312	-257.4	0.0	914.4	16313	-257.4	0.0	961.3	16314	-257.4	0.0	1065.5
16315	-208.6	0.0	726.9	16316	-208.6	0.0	773.8	16317	-208.6	0.0	820.6
16318	-208.6	0.0	867.5	16319	-208.6	0.0	914.4	16320	-208.6	0.0	961.3
16321	-208.6	0.0	1065.5	16322	-159.8	0.0	726.9	16323	-159.8	0.0	773.8
16324	-159.8	0.0	820.6	16325	-159.8	0.0	867.5	16326	-159.8	0.0	914.4

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
16327	-159.8	0.0	961.3	16328	-159.8	0.0	1065.5	16329	389.7	0.0	726.9
16330	389.7	0.0	773.8	16331	389.7	0.0	820.6	16332	389.7	0.0	867.5
16333	389.7	0.0	914.4	16334	389.7	0.0	961.3	16335	389.7	0.0	1065.5
16336	340.3	0.0	726.9	16337	340.3	0.0	773.8	16338	340.3	0.0	820.6
16339	340.3	0.0	867.5	16340	340.3	0.0	914.4	16341	340.3	0.0	961.3
16342	340.3	0.0	1065.5	16343	290.8	0.0	726.9	16344	290.8	0.0	773.8
16345	290.8	0.0	820.6	16346	290.8	0.0	867.5	16347	290.8	0.0	914.4
16348	290.8	0.0	961.3	16349	290.8	0.0	1065.5	16350	241.4	0.0	726.9
16351	241.4	0.0	773.8	16352	241.4	0.0	820.6	16353	241.4	0.0	867.5
16354	241.4	0.0	914.4	16355	241.4	0.0	961.3	16356	241.4	0.0	1065.5
16357	192.0	0.0	726.9	16358	192.0	0.0	773.8	16359	192.0	0.0	820.6
16360	192.0	0.0	867.5	16361	192.0	0.0	914.4	16362	192.0	0.0	961.3
16363	192.0	0.0	1065.5	16364	142.6	0.0	726.9	16365	142.6	0.0	773.8
16366	142.6	0.0	820.6	16367	142.6	0.0	867.5	16368	142.6	0.0	914.4
16369	142.6	0.0	961.3	16370	142.6	0.0	1065.5	16371	93.1	0.0	726.9
16372	93.1	0.0	773.8	16373	93.1	0.0	820.6	16374	93.1	0.0	867.5
16375	93.1	0.0	914.4	16376	93.1	0.0	961.3	16377	93.1	0.0	1065.5
16378	41.4	0.0	726.9	16379	41.4	0.0	773.8	16380	41.4	0.0	820.6
16381	41.4	0.0	867.5	16382	41.4	0.0	914.4	16383	41.4	0.0	961.3
16384	41.4	0.0	1065.5	16385	-111.0	0.0	726.9	16386	-111.0	0.0	773.8
16387	-111.0	0.0	820.6	16388	-111.0	0.0	867.5	16389	-111.0	0.0	914.4
16390	-111.0	0.0	961.3	16391	-111.0	0.0	1065.5	16392	-62.2	0.0	726.9
16393	-62.2	0.0	773.8	16394	-62.2	0.0	820.6	16395	-62.2	0.0	867.5
16396	-62.2	0.0	914.4	16397	-62.2	0.0	961.3	16398	-62.2	0.0	1065.5
16399	-10.4	0.0	726.9	16400	-10.4	0.0	773.8	16401	-10.4	0.0	820.6
16402	-10.4	0.0	867.5	16403	-10.4	0.0	914.4	16404	-10.4	0.0	961.3
16405	-10.4	0.0	1065.5	16406	389.7	0.0	-27.5	16407	389.7	0.0	25.0
16408	389.7	0.0	77.5	16409	389.7	0.0	130.0	16410	389.7	0.0	182.5
16411	389.7	0.0	235.0	16412	389.7	0.0	310.5	16413	340.3	0.0	-27.5
16414	1428.9	19.5	340.0	16415	1428.9	19.5	718.0	16416	2392.0	19.5	340.0
16417	2392.0	19.5	718.0	16418	340.3	0.0	235.0	16419	340.3	0.0	310.5
16420	290.8	0.0	-27.5	16421	290.8	0.0	25.0	16422	290.8	0.0	77.5
16423	290.8	0.0	130.0	16424	290.8	0.0	182.5	16425	290.8	0.0	235.0
16426	290.8	0.0	310.5	16427	241.4	0.0	-27.5	16428	241.4	0.0	25.0
16429	241.4	0.0	77.5	16430	241.4	0.0	130.0	16431	241.4	0.0	182.5
16432	241.4	0.0	235.0	16433	241.4	0.0	310.5	16434	192.0	0.0	-27.5
16435	192.0	0.0	25.0	16436	192.0	0.0	77.5	16437	192.0	0.0	130.0
16438	192.0	0.0	182.5	16439	192.0	0.0	235.0	16440	192.0	0.0	310.5
16441	142.6	0.0	-27.5	16442	142.6	0.0	25.0	16443	142.6	0.0	77.5
16444	142.6	0.0	130.0	16445	142.6	0.0	182.5	16446	142.6	0.0	235.0
16447	142.6	0.0	310.5	16448	93.1	0.0	-27.5	16449	93.1	0.0	25.0
16450	93.1	0.0	77.5	16451	93.1	0.0	130.0	16452	93.1	0.0	182.5
16453	93.1	0.0	235.0	16454	93.1	0.0	310.5	16455	41.4	0.0	-27.5
16456	41.4	0.0	25.0	16457	41.4	0.0	77.5	16458	41.4	0.0	130.0
16459	41.4	0.0	182.5	16460	41.4	0.0	235.0	16461	41.4	0.0	310.5
16462	-10.4	0.0	-27.5	16463	-10.4	0.0	25.0	16464	-10.4	0.0	77.5
16465	-10.4	0.0	130.0	16466	-10.4	0.0	182.5	16467	-10.4	0.0	235.0
16468	-10.4	0.0	310.5	16469	-62.2	0.0	-27.5	16470	-62.2	0.0	25.0
16471	-62.2	0.0	77.5	16472	-62.2	0.0	130.0	16473	-62.2	0.0	182.5
16474	-62.2	0.0	235.0	16475	-62.2	0.0	310.5	16476	-111.0	0.0	-27.5
16477	-111.0	0.0	25.0	16478	-111.0	0.0	77.5	16479	-111.0	0.0	130.0
16480	-111.0	0.0	182.5	16481	-111.0	0.0	235.0	16482	-111.0	0.0	310.5
16483	-159.8	0.0	-27.5	16484	-159.8	0.0	25.0	16485	-159.8	0.0	77.5
16486	-159.8	0.0	130.0	16487	-159.8	0.0	182.5	16488	-159.8	0.0	235.0
16489	-159.8	0.0	310.5	16490	-208.6	0.0	310.5	16491	-208.6	0.0	235.0
16492	-208.6	0.0	182.5	16493	-208.6	0.0	130.0	16494	-208.6	0.0	77.5
16495	-208.6	0.0	25.0	16496	-208.6	0.0	-27.5	16497	389.7	0.0	388.6
16498	389.7	0.0	437.1	16499	389.7	0.0	485.7	16500	389.7	0.0	534.3
16501	389.7	0.0	582.9	16502	389.7	0.0	697.4	16503	340.3	0.0	388.6
16504	340.3	0.0	437.1	16505	340.3	0.0	485.7	16506	340.3	0.0	534.3
16507	340.3	0.0	582.9	16508	340.3	0.0	697.4	16509	290.8	0.0	697.4
16510	290.8	0.0	582.9	16511	290.8	0.0	534.3	16512	290.8	0.0	485.7
16513	290.8	0.0	437.1	16514	290.8	0.0	388.6	16515	241.4	0.0	697.4
16516	241.4	0.0	582.9	16517	241.4	0.0	534.3	16518	241.4	0.0	485.7
16519	241.4	0.0	437.1	16520	241.4	0.0	388.6	16521	192.0	0.0	697.4
16522	192.0	0.0	582.9	16523	192.0	0.0	534.3	16524	192.0	0.0	485.7
16525	192.0	0.0	437.1	16526	192.0	0.0	388.6	16527	-208.6	0.0	388.6
16528	-208.6	0.0	437.1	16529	-208.6	0.0	485.7	16530	-208.6	0.0	534.3
16531	-208.6	0.0	582.9	16532	-208.6	0.0	697.4	16533	-159.8	0.0	388.6
16534	-159.8	0.0	437.1	16535	-159.8	0.0	485.7	16536	-159.8	0.0	534.3
16537	-159.8	0.0	582.9	16538	-159.8	0.0	697.4	16539	-111.0	0.0	388.6

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
16540	-111.0	0.0	437.1	16541	-111.0	0.0	485.7	16542	-111.0	0.0	534.3
16543	-111.0	0.0	582.9	16544	-111.0	0.0	697.4	16545	-62.2	0.0	388.6
16546	-62.2	0.0	437.1	16547	-62.2	0.0	485.7	16548	-62.2	0.0	534.3
16549	-62.2	0.0	582.9	16550	-62.2	0.0	697.4	16551	-10.4	0.0	388.6
16552	-10.4	0.0	437.1	16553	-10.4	0.0	485.7	16554	-10.4	0.0	534.3
16555	-10.4	0.0	582.9	16556	-10.4	0.0	697.4	16557	142.6	0.0	388.6
16558	142.6	0.0	437.1	16559	142.6	0.0	485.7	16560	142.6	0.0	534.3
16561	142.6	0.0	582.9	16562	142.6	0.0	697.4	16563	93.1	0.0	388.6
16564	93.1	0.0	437.1	16565	93.1	0.0	485.7	16566	93.1	0.0	534.3
16567	93.1	0.0	582.9	16568	93.1	0.0	697.4	16569	41.4	0.0	388.6
16570	41.4	0.0	437.1	16571	41.4	0.0	485.7	16572	41.4	0.0	534.3
16573	41.4	0.0	582.9	16574	41.4	0.0	697.4	16575	153.3	98.6	11.9
16576	109.3	98.6	31.6	16577	65.2	98.6	51.3	16578	21.2	98.6	70.9
16579	-22.9	98.6	90.6	16580	-66.9	98.6	110.3	16581	197.4	147.9	-7.8
16582	153.3	147.9	11.9	16583	109.3	147.9	31.6	16584	65.2	147.9	51.3
16585	21.2	147.9	70.9	16586	-22.9	147.9	90.6	16587	-66.9	147.9	110.3
16588	197.4	197.2	-7.8	16589	153.3	197.2	11.9	16590	109.3	197.2	31.6
16591	65.2	197.2	51.3	16592	21.2	197.2	70.9	16593	-22.9	197.2	90.6
16594	-66.9	197.2	110.3	16595	646.4	242.3	820.6	16596	646.4	242.3	867.5
16597	646.4	242.3	914.4	16598	498.1	0.0	235.0	16599	547.5	0.0	235.0
16600	597.0	0.0	235.0	16601	498.1	0.0	310.5	16602	547.5	0.0	310.5
16603	597.0	0.0	310.5	16604	498.1	0.0	340.0	16605	547.5	0.0	340.0
16606	597.0	0.0	340.0	16607	498.1	0.0	697.4	16608	547.5	0.0	697.4
16609	597.0	0.0	697.4	16610	498.1	0.0	718.0	16611	547.5	0.0	718.0
16612	597.0	0.0	718.0	16613	498.1	0.0	961.3	16614	547.5	0.0	961.3
16615	597.0	0.0	961.3	16616	498.1	0.0	582.9	16617	547.5	0.0	582.9
16618	597.0	0.0	582.9	16619	498.1	0.0	1065.5	16620	547.5	0.0	1065.5
16621	597.0	0.0	1065.5	16622	498.1	0.0	182.5	16623	498.1	0.0	130.0
16624	498.1	0.0	77.5	16625	498.1	0.0	25.0	16626	498.1	0.0	-27.5
16627	547.5	0.0	-27.5	16628	547.5	0.0	25.0	16629	547.5	0.0	77.5
16630	547.5	0.0	130.0	16631	547.5	0.0	182.5	16632	597.0	0.0	-27.5
16633	597.0	0.0	25.0	16634	597.0	0.0	77.5	16635	597.0	0.0	130.0
16636	597.0	0.0	182.5	16637	646.4	0.0	310.5	16638	646.4	0.0	697.4
16639	646.4	0.0	961.3	16640	-567.6	0.0	718.0	16641	-621.1	0.0	718.0
16642	-62.2	0.0	718.0	16643	-111.0	0.0	718.0	16644	-159.8	0.0	718.0
16645	-208.6	0.0	718.0	16646	-677.7	0.0	718.0	16647	-734.3	0.0	718.0
16648	-767.4	0.0	718.0	16649	-921.8	0.0	718.0	16650	-972.5	0.0	718.0
16651	-1023.2	0.0	718.0	16652	-1073.8	0.0	718.0	16653	-1124.5	0.0	718.0
16654	-1172.7	0.0	718.0	16655	-1220.8	0.0	718.0	16656	-1269.0	0.0	718.0
16657	-827.7	0.0	340.0	16658	-871.2	0.0	340.0	16659	-921.8	0.0	340.0
16660	-972.5	0.0	340.0	16661	-1023.2	0.0	340.0	16662	-1073.8	0.0	340.0
16663	-1124.5	0.0	340.0	16664	-1172.7	0.0	340.0	16665	-1220.8	0.0	340.0
16666	-1269.0	0.0	340.0	16667	-1567.1	0.0	718.0	16668	-1509.9	0.0	718.0
16669	-1370.9	0.0	718.0	16670	-1417.2	0.0	718.0	16671	-1463.5	0.0	718.0
16672	-827.7	0.0	1095.0	16673	-871.2	0.0	1095.0	16674	-1370.9	0.0	1095.0
16675	646.4	0.0	582.9	16676	646.4	0.0	1065.5	16677	646.4	0.0	914.4
16678	646.4	0.0	867.5	16679	646.4	0.0	820.6	16680	646.4	0.0	773.8
16681	646.4	0.0	726.9	16682	597.0	0.0	726.9	16683	597.0	0.0	773.8
16684	597.0	0.0	820.6	16685	597.0	0.0	867.5	16686	597.0	0.0	914.4
16687	646.4	0.0	388.6	16688	646.4	0.0	437.1	16689	646.4	0.0	485.7
16690	646.4	0.0	534.3	16691	597.0	0.0	534.3	16692	597.0	0.0	485.7
16693	597.0	0.0	437.1	16694	597.0	0.0	388.6	16695	-356.6	0.0	1065.5
16696	-356.6	0.0	697.4	16697	-407.1	-15.0	718.0	16698	-356.6	-15.0	340.0
16699	-407.1	-15.0	340.0	16700	-407.1	0.0	340.0	16701	-306.1	-15.0	340.0
16702	-356.6	0.0	310.5	16703	-972.5	0.0	1095.0	16704	-1023.2	0.0	1095.0
16705	-1073.8	0.0	1095.0	16706	-1124.5	0.0	1095.0	16707	-1172.7	0.0	1095.0
16708	-1220.8	0.0	1095.0	16709	-1269.0	0.0	1095.0	16710	-10.4	0.0	1095.0
16711	-827.7	0.0	718.0	16712	-871.2	0.0	718.0	16713	-306.1	0.0	340.0
16714	-257.4	0.0	340.0	16715	-356.6	0.0	340.0	16716	-514.1	0.0	340.0
16717	-460.6	0.0	340.0	16718	-567.6	0.0	340.0	16719	-621.1	0.0	340.0
16720	-111.0	0.0	340.0	16721	-62.2	0.0	340.0	16722	-159.8	0.0	340.0
16723	-208.6	0.0	340.0	16724	-677.7	0.0	340.0	16725	-734.3	0.0	340.0
16726	-767.4	0.0	340.0	16727	-1417.2	0.0	1095.0	16728	-1463.5	0.0	1095.0
16729	-257.4	0.0	1095.0	16730	-306.1	0.0	1095.0	16731	-356.6	0.0	1095.0
16732	-460.6	0.0	1095.0	16733	-514.1	0.0	1095.0	16734	-567.6	0.0	1095.0
16735	-621.1	0.0	1095.0	16736	-62.2	0.0	1095.0	16737	-111.0	0.0	1095.0
16738	-159.8	0.0	1095.0	16739	-208.6	0.0	1095.0	16740	-677.7	0.0	1095.0
16741	-734.3	0.0	1095.0	16742	-767.4	0.0	1095.0	16743	-1328.5	-15.0	1095.0
16744	-1328.5	0.0	1095.0	16745	-804.5	0.0	1095.0	16746	-804.5	-15.0	1095.0
16747	-804.5	1.0	718.0	16748	-1325.5	1.0	718.0	16749	-1328.5	1.0	340.0
16750	-804.5	1.0	340.0	16751	-407.1	0.0	1095.0	16752	-407.1	-15.0	1095.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
16753	-407.1	0.0	718.0	16754	-66.9	332.6	514.8	16755	2736.9	197.2	340.0
16756	2736.9	0.0	340.0	16757	2736.9	147.9	340.0	16758	2736.9	98.6	340.0
16759	2736.9	49.3	340.0	16760	2736.9	287.5	961.3	16761	2736.9	242.3	340.0
16762	2736.9	287.5	340.0	16763	2736.9	332.6	340.0	16764	2736.9	197.2	718.0
16765	2736.9	0.0	718.0	16766	2736.9	147.9	718.0	16767	2736.9	98.6	718.0
16768	2736.9	49.3	718.0	16769	2736.9	287.5	1065.5	16770	2736.9	242.3	718.0
16771	2736.9	287.5	718.0	16772	2736.9	332.6	718.0	16773	2736.9	0.0	-27.5
16774	2736.9	0.0	25.0	16775	2736.9	0.0	77.5	16776	2736.9	0.0	130.0
16777	2736.9	0.0	182.5	16778	2736.9	0.0	235.0	16779	2736.9	0.0	310.5
16780	2736.9	19.5	310.5	16781	2736.9	19.5	235.0	16782	2736.9	19.5	182.5
16783	2736.9	19.5	130.0	16784	2736.9	19.5	77.5	16785	2736.9	19.5	25.0
16786	2736.9	19.5	-27.5	16787	2736.9	377.7	-27.5	16788	2736.9	377.7	25.0
16789	2736.9	377.7	77.5	16790	2736.9	377.7	130.0	16791	2736.9	377.7	182.5
16792	2736.9	377.7	235.0	16793	2736.9	377.7	310.5	16794	2736.9	332.6	310.5
16795	2736.9	332.6	235.0	16796	2736.9	332.6	182.5	16797	2736.9	332.6	130.0
16798	2736.9	332.6	77.5	16799	2736.9	332.6	25.0	16800	2736.9	332.6	-27.5
16801	2736.9	377.7	388.6	16802	2736.9	377.7	437.1	16803	2736.9	377.7	485.7
16804	2736.9	377.7	534.3	16805	2736.9	377.7	582.9	16806	2736.9	377.7	697.4
16807	2736.9	332.6	697.4	16808	2736.9	332.6	582.9	16809	2736.9	332.6	534.3
16810	2736.9	332.6	485.7	16811	2736.9	332.6	437.1	16812	2736.9	332.6	388.6
16813	2736.9	287.5	388.6	16814	2736.9	287.5	437.1	16815	2736.9	287.5	485.7
16816	2736.9	287.5	534.3	16817	2736.9	287.5	582.9	16818	2736.9	287.5	697.4
16819	2736.9	287.5	310.5	16820	2736.9	287.5	235.0	16821	2736.9	287.5	182.5
16822	2736.9	287.5	130.0	16823	2736.9	287.5	77.5	16824	2736.9	287.5	25.0
16825	2736.9	287.5	-27.5	16826	2736.9	242.3	-27.5	16827	2736.9	242.3	25.0
16828	2736.9	242.3	77.5	16829	2736.9	242.3	130.0	16830	2736.9	242.3	182.5
16831	2736.9	242.3	235.0	16832	2736.9	242.3	310.5	16833	2736.9	242.3	388.6
16834	2736.9	242.3	437.1	16835	2736.9	242.3	485.7	16836	2736.9	242.3	534.3
16837	2736.9	242.3	582.9	16838	2736.9	242.3	697.4	16839	2736.9	197.2	388.6
16840	2736.9	197.2	437.1	16841	2736.9	197.2	485.7	16842	2736.9	197.2	534.3
16843	2736.9	197.2	582.9	16844	2736.9	197.2	697.4	16845	2736.9	197.2	-27.5
16846	2736.9	197.2	25.0	16847	2736.9	197.2	77.5	16848	2736.9	197.2	130.0
16849	2736.9	197.2	182.5	16850	2736.9	197.2	235.0	16851	2736.9	197.2	310.5
16852	2736.9	147.9	-27.5	16853	2736.9	147.9	25.0	16854	2736.9	147.9	77.5
16855	2736.9	147.9	130.0	16856	2736.9	147.9	182.5	16857	2736.9	147.9	235.0
16858	2736.9	147.9	310.5	16859	2736.9	98.6	-27.5	16860	2736.9	98.6	25.0
16861	2736.9	98.6	77.5	16862	2736.9	98.6	130.0	16863	2736.9	98.6	182.5
16864	2736.9	98.6	235.0	16865	2736.9	98.6	310.5	16866	2736.9	49.3	-27.5
16867	2736.9	49.3	25.0	16868	2736.9	49.3	77.5	16869	2736.9	49.3	130.0
16870	2736.9	49.3	182.5	16871	2736.9	49.3	235.0	16872	2736.9	49.3	310.5
16873	2736.9	0.0	697.4	16874	2736.9	0.0	582.9	16875	2736.9	0.0	534.3
16876	2736.9	0.0	485.7	16877	2736.9	0.0	437.1	16878	2736.9	0.0	388.6
16879	2736.9	19.5	388.6	16880	2736.9	19.5	437.1	16881	2736.9	19.5	485.7
16882	2736.9	19.5	534.3	16883	2736.9	19.5	582.9	16884	2736.9	19.5	697.4
16885	2736.9	49.3	697.4	16886	2736.9	49.3	582.9	16887	2736.9	49.3	534.3
16888	2736.9	49.3	485.7	16889	2736.9	49.3	437.1	16890	2736.9	49.3	388.6
16891	2736.9	147.9	388.6	16892	2736.9	147.9	437.1	16893	2736.9	147.9	485.7
16894	2736.9	147.9	534.3	16895	2736.9	147.9	582.9	16896	2736.9	147.9	697.4
16897	2736.9	98.6	388.6	16898	2736.9	98.6	437.1	16899	2736.9	98.6	485.7
16900	2736.9	98.6	534.3	16901	2736.9	98.6	582.9	16902	2736.9	98.6	697.4
16903	2736.9	377.7	1065.5	16904	2736.9	377.7	961.3	16905	2736.9	377.7	914.4
16906	2736.9	377.7	867.5	16907	2736.9	377.7	820.6	16908	2736.9	377.7	773.8
16909	2736.9	377.7	726.9	16910	2736.9	332.6	726.9	16911	2736.9	332.6	773.8
16912	2736.9	332.6	820.6	16913	2736.9	332.6	867.5	16914	2736.9	332.6	914.4
16915	2736.9	332.6	961.3	16916	2736.9	332.6	1065.5	16917	2736.9	0.0	726.9
16918	2736.9	0.0	773.8	16919	2736.9	0.0	820.6	16920	2736.9	0.0	867.5
16921	2736.9	0.0	914.4	16922	2736.9	0.0	961.3	16923	2736.9	0.0	1065.5
16924	2736.9	19.5	1065.5	16925	2736.9	19.5	961.3	16926	2736.9	19.5	914.4
16927	2736.9	19.5	867.5	16928	2736.9	19.5	820.6	16929	2736.9	19.5	773.8
16930	2736.9	19.5	726.9	16931	2736.9	49.3	726.9	16932	2736.9	49.3	773.8
16933	2736.9	49.3	820.6	16934	2736.9	49.3	867.5	16935	2736.9	49.3	914.4
16936	2736.9	49.3	961.3	16937	2736.9	49.3	1065.5	16938	2736.9	98.6	726.9
16939	2736.9	98.6	773.8	16940	2736.9	98.6	820.6	16941	2736.9	98.6	867.5
16942	2736.9	98.6	914.4	16943	2736.9	98.6	961.3	16944	2736.9	98.6	1065.5
16945	2736.9	147.9	726.9	16946	2736.9	147.9	773.8	16947	2736.9	147.9	820.6
16948	2736.9	147.9	867.5	16949	2736.9	147.9	914.4	16950	2736.9	147.9	961.3
16951	2736.9	147.9	1065.5	16952	2736.9	197.2	726.9	16953	2736.9	197.2	773.8
16954	2736.9	197.2	820.6	16955	2736.9	197.2	867.5	16956	2736.9	197.2	914.4
16957	2736.9	197.2	961.3	16958	2736.9	197.2	1065.5	16959	241.4	197.2	340.0
16960	241.4	242.3	340.0	16961	241.4	287.5	340.0	16962	422.8	197.2	718.0
16963	241.4	49.3	340.0	16964	241.4	98.6	340.0	16965	241.4	147.9	340.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
16966	241.4	19.5	340.0	16967	389.7	197.2	340.0	16968	389.7	242.3	340.0
16969	389.7	287.5	340.0	16970	389.7	332.6	340.0	16971	389.7	49.3	340.0
16972	389.7	98.6	340.0	16973	389.7	147.9	340.0	16974	389.7	19.5	340.0
16975	340.3	197.2	340.0	16976	340.3	242.3	340.0	16977	340.3	287.5	340.0
16978	290.8	332.6	340.0	16979	340.3	49.3	340.0	16980	340.3	98.6	340.0
16981	340.3	147.9	340.0	16982	340.3	19.5	340.0	16983	290.8	197.2	340.0
16984	290.8	242.3	340.0	16985	290.8	287.5	340.0	16986	340.3	332.6	340.0
16987	290.8	49.3	340.0	16988	290.8	98.6	340.0	16989	290.8	147.9	340.0
16990	290.8	19.5	340.0	16991	241.4	197.2	718.0	16992	241.4	242.3	718.0
16993	241.4	287.5	718.0	16994	241.4	332.6	718.0	16995	241.4	49.3	718.0
16996	241.4	98.6	718.0	16997	241.4	147.9	718.0	16998	241.4	19.5	718.0
16999	389.7	197.2	718.0	17000	389.7	242.3	718.0	17001	389.7	287.5	718.0
17002	389.7	332.6	718.0	17003	389.7	49.3	718.0	17004	389.7	98.6	718.0
17005	389.7	147.9	718.0	17006	389.7	19.5	718.0	17007	340.3	197.2	718.0
17008	340.3	242.3	718.0	17009	340.3	287.5	718.0	17010	340.3	332.6	718.0
17011	290.8	377.7	726.9	17012	290.8	377.7	773.8	17013	290.8	377.7	820.6
17014	290.8	377.7	867.5	17015	290.8	377.7	388.6	17016	290.8	377.7	437.1
17017	290.8	377.7	485.7	17018	290.8	377.7	534.3	17019	290.8	377.7	25.0
17020	290.8	377.7	77.5	17021	290.8	377.7	130.0	17022	290.8	377.7	182.5
17023	-257.4	332.6	485.7	17024	-257.4	19.5	485.7	17025	-257.4	49.3	485.7
17026	-257.4	98.6	485.7	17027	-257.4	147.9	485.7	17028	-257.4	197.2	485.7
17029	-257.4	242.3	485.7	17030	-257.4	287.4	485.7	17031	-208.6	332.6	485.7
17032	-208.6	19.5	485.7	17033	-208.6	49.3	485.7	17034	-208.6	98.6	485.7
17035	-208.6	147.9	485.7	17036	-208.6	197.2	485.7	17037	-208.6	242.3	485.7
17038	-208.6	287.4	485.7	17039	-159.8	332.6	485.7	17040	-159.8	19.5	485.7
17041	-159.8	49.3	485.7	17042	-159.8	98.6	485.7	17043	-159.8	147.9	485.7
17044	-159.8	197.2	485.7	17045	-159.8	242.3	485.7	17046	-159.8	287.4	485.7
17047	-111.0	332.6	485.7	17048	-111.0	19.5	485.7	17049	-111.0	49.3	485.7
17050	-111.0	98.6	485.7	17051	-111.0	147.9	485.7	17052	-111.0	197.2	485.7
17053	-111.0	242.3	485.7	17054	-111.0	287.4	485.7	17055	-257.4	332.6	130.0
17056	-257.4	19.5	130.0	17057	-257.4	49.3	130.0	17058	-257.4	98.6	130.0
17059	-257.4	147.9	130.0	17060	-257.4	197.2	130.0	17061	-257.4	242.3	130.0
17062	-257.4	287.4	130.0	17063	-208.6	332.6	130.0	17064	-208.6	19.5	130.0
17065	-208.6	49.3	130.0	17066	-208.6	98.6	130.0	17067	-208.6	147.9	130.0
17068	-208.6	197.2	130.0	17069	-208.6	242.3	130.0	17070	-208.6	287.4	130.0
17071	-159.8	332.6	130.0	17072	-159.8	19.5	130.0	17073	-159.8	49.3	130.0
17074	-159.8	98.6	130.0	17075	-159.8	147.9	130.0	17076	-159.8	197.2	130.0
17077	-159.8	242.3	130.0	17078	241.4	332.6	340.0	17079	422.8	242.3	718.0
17080	41.4	0.0	718.0	17081	422.8	19.5	340.0	17082	422.8	0.0	340.0
17083	93.1	0.0	340.0	17084	422.8	49.3	340.0	17085	422.8	19.5	718.0
17086	422.8	0.0	718.0	17087	422.8	49.3	718.0	17088	422.8	98.6	718.0
17089	422.8	98.6	340.0	17090	142.6	0.0	718.0	17091	422.8	147.9	340.0
17092	41.4	0.0	340.0	17093	142.6	0.0	340.0	17094	422.8	332.6	340.0
17095	422.8	147.9	718.0	17096	93.1	0.0	718.0	17097	422.8	287.5	340.0
17098	422.8	332.6	718.0	17099	422.8	242.3	340.0	17100	192.0	0.0	718.0
17101	422.8	197.2	340.0	17102	695.8	197.2	718.0	17103	153.3	242.3	659.9
17104	109.3	242.3	630.9	17105	65.2	242.3	601.9	17106	21.2	242.3	572.8
17107	-22.9	242.3	543.8	17108	-66.9	242.3	514.8	17109	197.4	287.5	689.0
17110	153.3	287.5	659.9	17111	109.3	287.5	630.9	17112	65.2	287.5	601.9
17113	695.8	242.3	718.0	17114	695.8	287.5	718.0	17115	695.8	332.6	718.0
17116	197.4	242.3	689.0	17117	646.4	377.7	235.0	17118	646.4	0.0	235.0
17119	646.4	197.2	235.0	17120	646.4	242.3	235.0	17121	646.4	287.5	235.0
17122	646.4	332.6	235.0	17123	498.1	197.2	235.0	17124	547.5	197.2	235.0
17125	597.0	197.2	235.0	17126	498.1	197.2	182.5	17127	498.1	197.2	130.0
17128	498.1	197.2	77.5	17129	498.1	197.2	25.0	17130	498.1	197.2	-27.5
17131	547.5	197.2	-27.5	17132	547.5	197.2	25.0	17133	547.5	197.2	77.5
17134	547.5	197.2	130.0	17135	547.5	197.2	182.5	17136	597.0	197.2	-27.5
17137	597.0	197.2	25.0	17138	597.0	197.2	77.5	17139	597.0	197.2	130.0
17140	597.0	197.2	182.5	17141	646.4	197.2	-27.5	17142	646.4	197.2	25.0
17143	646.4	197.2	77.5	17144	646.4	197.2	130.0	17145	646.4	197.2	182.5
17146	646.4	197.2	310.5	17147	498.1	197.2	310.5	17148	547.5	197.2	310.5
17149	597.0	197.2	310.5	17150	646.4	197.2	340.0	17151	498.1	197.2	340.0
17152	547.5	197.2	340.0	17153	597.0	197.2	340.0	17154	646.4	0.0	-27.5
17155	646.4	0.0	25.0	17156	646.4	0.0	77.5	17157	646.4	0.0	130.0
17158	646.4	0.0	182.5	17159	646.4	377.7	-27.5	17160	646.4	377.7	25.0
17161	646.4	377.7	77.5	17162	646.4	377.7	130.0	17163	646.4	377.7	182.5
17164	646.4	332.6	-27.5	17165	646.4	332.6	25.0	17166	646.4	332.6	77.5
17167	646.4	332.6	130.0	17168	646.4	332.6	182.5	17169	646.4	287.5	-27.5
17170	646.4	287.5	25.0	17171	646.4	287.5	77.5	17172	646.4	287.5	130.0
17173	646.4	287.5	182.5	17174	646.4	242.3	-27.5	17175	646.4	242.3	25.0
17176	646.4	242.3	77.5	17177	646.4	242.3	130.0	17178	646.4	242.3	182.5

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
17179	646.4	242.3	340.0	17180	646.4	287.5	340.0	17181	646.4	332.6	340.0
17182	646.4	377.7	310.5	17183	547.5	0.0	388.6	17184	646.4	242.3	310.5
17185	646.4	287.5	310.5	17186	646.4	332.6	310.5	17187	646.4	197.2	582.9
17188	547.5	0.0	773.8	17189	547.5	0.0	820.6	17190	547.5	0.0	867.5
17191	547.5	0.0	914.4	17192	695.8	0.0	718.0	17193	695.8	49.3	718.0
17194	695.8	98.6	718.0	17195	695.8	147.9	718.0	17196	695.8	19.5	718.0
17197	695.8	-15.0	718.0	17198	646.4	0.0	718.0	17199	646.4	49.3	718.0
17200	646.4	98.6	718.0	17201	646.4	147.9	718.0	17202	646.4	19.5	718.0
17203	646.4	-15.0	718.0	17204	646.4	242.3	718.0	17205	646.4	287.5	718.0
17206	646.4	332.6	718.0	17207	646.4	377.7	582.9	17208	547.5	0.0	437.1
17209	646.4	242.3	582.9	17210	646.4	287.5	582.9	17211	646.4	332.6	582.9
17212	646.4	377.7	697.4	17213	547.5	0.0	485.7	17214	646.4	242.3	697.4
17215	646.4	287.5	697.4	17216	646.4	332.6	697.4	17217	646.4	377.7	961.3
17218	498.1	0.0	867.5	17219	646.4	242.3	961.3	17220	646.4	287.5	961.3
17221	646.4	332.6	961.3	17222	646.4	377.7	1065.5	17223	498.1	0.0	914.4
17224	646.4	242.3	1065.5	17225	646.4	287.5	1065.5	17226	646.4	332.6	1065.5
17227	547.5	0.0	534.3	17228	498.1	0.0	534.3	17229	498.1	0.0	485.7
17230	498.1	0.0	437.1	17231	646.4	377.7	388.6	17232	646.4	377.7	437.1
17233	646.4	377.7	485.7	17234	646.4	377.7	534.3	17235	646.4	332.6	534.3
17236	646.4	332.6	485.7	17237	646.4	332.6	437.1	17238	646.4	332.6	388.6
17239	646.4	287.5	388.6	17240	646.4	287.5	437.1	17241	646.4	287.5	485.7
17242	646.4	287.5	534.3	17243	646.4	242.3	388.6	17244	646.4	242.3	437.1
17245	646.4	242.3	485.7	17246	646.4	242.3	534.3	17247	498.1	0.0	820.6
17248	498.1	0.0	773.8	17249	498.1	0.0	726.9	17250	547.5	0.0	726.9
17251	-66.9	197.2	156.3	17252	-22.9	197.2	182.5	17253	21.2	197.2	208.8
17254	65.2	197.2	235.0	17255	109.3	197.2	261.3	17256	153.3	197.2	287.5
17257	197.4	197.2	313.8	17258	197.4	242.3	313.8	17259	153.3	242.3	287.5
17260	109.3	242.3	261.3	17261	65.2	242.3	235.0	17262	21.2	242.3	208.8
17263	-22.9	242.3	182.5	17264	-66.9	242.3	156.3	17265	-66.9	287.5	156.3
17266	-22.9	287.5	182.5	17267	21.2	287.5	208.8	17268	65.2	287.5	235.0
17269	109.3	287.5	261.3	17270	153.3	287.5	287.5	17271	197.4	287.5	313.8
17272	197.4	332.6	313.8	17273	153.3	332.6	287.5	17274	109.3	332.6	261.3
17275	65.2	332.6	235.0	17276	21.2	332.6	208.8	17277	-22.9	332.6	182.5
17278	-66.9	332.6	156.3	17279	197.4	49.3	358.2	17280	153.3	49.3	376.4
17281	109.3	49.3	394.6	17282	65.2	49.3	412.9	17283	21.2	49.3	431.1
17284	-22.9	49.3	449.3	17285	-66.9	49.3	467.5	17286	-66.9	98.6	467.5
17287	-22.9	98.6	449.3	17288	21.2	98.6	431.1	17289	65.2	98.6	412.9
17290	109.3	98.6	394.6	17291	153.3	98.6	376.4	17292	197.4	98.6	358.2
17293	197.4	147.9	358.2	17294	153.3	147.9	376.4	17295	109.3	147.9	394.6
17296	65.2	147.9	412.9	17297	21.2	147.9	431.1	17298	-22.9	147.9	449.3
17299	-66.9	147.9	467.5	17300	-66.9	197.2	514.8	17301	-22.9	197.2	543.8
17302	21.2	197.2	572.8	17303	65.2	197.2	601.9	17304	109.3	197.2	630.9
17305	153.3	197.2	659.9	17306	197.4	197.2	689.0	17307	2736.9	377.7	854.0
17308	1107.2	377.7	697.4	17309	1140.5	377.7	697.4	17310	1185.6	377.7	697.4
17311	1283.3	377.7	697.4	17312	1234.5	377.7	697.4	17313	1383.0	377.7	697.4
17314	1333.2	377.7	697.4	17315	1520.8	377.7	697.4	17316	1474.8	377.7	697.4
17317	1428.9	377.7	697.4	17318	1643.2	377.7	697.4	17319	1582.0	377.7	697.4
17320	1690.3	377.7	697.4	17321	1721.3	377.7	697.4	17322	1825.7	377.7	697.4
17323	1773.5	377.7	697.4	17324	2005.4	377.7	697.4	17325	1960.5	377.7	697.4
17326	1915.5	377.7	697.4	17327	1870.6	377.7	697.4	17328	2074.8	377.7	697.4
17329	2163.1	377.7	697.4	17330	2119.0	377.7	697.4	17331	2211.0	377.7	697.4
17332	2270.1	377.7	697.4	17333	2355.0	377.7	697.4	17334	2312.6	377.7	697.4
17335	2428.9	377.7	697.4	17336	2392.0	377.7	697.4	17337	2490.2	377.7	697.4
17338	2545.9	377.7	697.4	17339	2572.1	377.7	697.4	17340	2642.7	377.7	697.4
17341	2685.3	377.7	697.4	17342	2705.7	377.7	697.4	17343	1107.2	377.7	854.0
17344	1140.5	377.7	854.0	17345	1185.6	377.7	854.0	17346	1283.3	377.7	854.0
17347	1234.5	377.7	854.0	17348	1383.0	377.7	854.0	17349	1333.2	377.7	854.0
17350	1520.8	377.7	854.0	17351	1474.8	377.7	854.0	17352	1428.9	377.7	854.0
17353	1643.2	377.7	854.0	17354	1582.0	377.7	854.0	17355	1690.3	377.7	854.0
17356	1721.3	377.7	854.0	17357	1825.7	377.7	854.0	17358	1773.5	377.7	854.0
17359	2005.4	377.7	854.0	17360	1960.5	377.7	854.0	17361	1915.5	377.7	854.0
17362	1870.6	377.7	854.0	17363	2074.8	377.7	854.0	17364	2163.1	377.7	854.0
17365	2119.0	377.7	854.0	17366	2211.0	377.7	854.0	17367	2270.1	377.7	854.0
17368	2355.0	377.7	854.0	17369	2312.6	377.7	854.0	17370	2428.9	377.7	854.0
17371	2392.0	377.7	854.0	17372	2490.2	377.7	854.0	17373	2545.9	377.7	854.0
17374	2572.1	377.7	854.0	17375	2642.7	377.7	854.0	17376	2685.3	377.7	854.0
17377	2705.7	377.7	854.0	17378	1075.4	377.7	697.4	17379	1075.4	377.7	854.0
17380	1075.4	377.7	820.6	17381	1075.4	377.7	773.8	17382	1075.4	377.7	726.9
17383	2705.7	377.7	820.6	17384	2705.7	377.7	773.8	17385	2705.7	377.7	726.9
17386	1107.2	377.7	820.6	17387	1140.5	377.7	820.6	17388	1185.6	377.7	820.6
17389	1234.5	377.7	820.6	17390	1283.3	377.7	820.6	17391	1333.2	377.7	820.6

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
17392	1383.0	377.7	820.6	17393	1428.9	377.7	820.6	17394	1582.0	377.7	820.6
17395	1520.8	377.7	820.6	17396	1474.8	377.7	820.6	17397	1643.2	377.7	820.6
17398	2685.3	377.7	820.6	17399	2642.7	377.7	820.6	17400	1690.3	377.7	820.6
17401	1721.3	377.7	820.6	17402	1870.6	377.7	820.6	17403	1825.7	377.7	820.6
17404	1915.5	377.7	820.6	17405	1773.5	377.7	820.6	17406	2312.6	377.7	820.6
17407	2270.1	377.7	820.6	17408	2211.0	377.7	820.6	17409	2572.1	377.7	820.6
17410	2545.9	377.7	820.6	17411	2005.4	377.7	820.6	17412	1960.5	377.7	820.6
17413	2074.8	377.7	820.6	17414	2119.0	377.7	820.6	17415	2163.1	377.7	820.6
17416	2355.0	377.7	820.6	17417	2392.0	377.7	820.6	17418	2428.9	377.7	820.6
17419	2490.2	377.7	820.6	17420	1107.2	377.7	773.8	17421	1140.5	377.7	773.8
17422	1185.6	377.7	773.8	17423	1234.5	377.7	773.8	17424	1283.3	377.7	773.8
17425	1333.2	377.7	773.8	17426	1383.0	377.7	773.8	17427	1428.9	377.7	773.8
17428	1582.0	377.7	773.8	17429	1520.8	377.7	773.8	17430	1474.8	377.7	773.8
17431	1643.2	377.7	773.8	17432	2685.3	377.7	773.8	17433	2642.7	377.7	773.8
17434	1690.3	377.7	773.8	17435	1721.3	377.7	773.8	17436	1870.6	377.7	773.8
17437	1825.7	377.7	773.8	17438	1915.5	377.7	773.8	17439	1773.5	377.7	773.8
17440	2312.6	377.7	773.8	17441	2270.1	377.7	773.8	17442	2211.0	377.7	773.8
17443	2572.1	377.7	773.8	17444	2545.9	377.7	773.8	17445	2005.4	377.7	773.8
17446	1960.5	377.7	773.8	17447	2074.8	377.7	773.8	17448	2119.0	377.7	773.8
17449	2163.1	377.7	773.8	17450	2355.0	377.7	773.8	17451	2392.0	377.7	773.8
17452	2428.9	377.7	773.8	17453	2490.2	377.7	773.8	17454	1107.2	377.7	726.9
17455	1140.5	377.7	726.9	17456	1185.6	377.7	726.9	17457	1234.5	377.7	726.9
17458	1283.3	377.7	726.9	17459	1333.2	377.7	726.9	17460	1383.0	377.7	726.9
17461	1428.9	377.7	726.9	17462	1582.0	377.7	726.9	17463	1520.8	377.7	726.9
17464	1474.8	377.7	726.9	17465	1643.2	377.7	726.9	17466	2685.3	377.7	726.9
17467	2642.7	377.7	726.9	17468	1690.3	377.7	726.9	17469	1721.3	377.7	726.9
17470	1870.6	377.7	726.9	17471	1825.7	377.7	726.9	17472	1915.5	377.7	726.9
17473	1773.5	377.7	726.9	17474	2312.6	377.7	726.9	17475	2270.1	377.7	726.9
17476	2211.0	377.7	726.9	17477	2572.1	377.7	726.9	17478	2545.9	377.7	726.9
17479	2005.4	377.7	726.9	17480	1960.5	377.7	726.9	17481	2074.8	377.7	726.9
17482	2119.0	377.7	726.9	17483	2163.1	377.7	726.9	17484	2355.0	377.7	726.9
17485	2392.0	377.7	726.9	17486	2428.9	377.7	726.9	17487	2490.2	377.7	726.9
17488	2736.9	332.6	854.0	17489	2736.9	147.9	854.0	17490	2736.9	98.6	854.0
17491	2736.9	197.2	854.0	17492	2736.9	242.3	854.0	17493	2736.9	287.5	854.0
17494	2736.9	19.5	854.0	17495	2736.9	0.0	854.0	17496	2736.9	49.3	854.0
17500	498.1	197.2	-180.0	17501	547.5	197.2	-180.0	17502	597.0	197.2	-180.0
17504	646.4	242.3	-180.0	17505	422.8	242.3	-180.0	17506	646.4	287.5	-180.0
17507	422.8	287.5	-180.0	17508	646.4	332.6	-180.0	17509	422.8	332.6	-180.0
17510	646.4	242.3	-130.0	17511	646.4	287.5	-130.0	17512	646.4	197.2	-130.0
17513	646.4	332.6	-130.0	17514	646.4	377.7	-130.0	17515	597.0	197.2	-130.0
17516	547.5	197.2	-130.0	17517	498.1	197.2	-130.0	17518	422.8	197.2	-130.0
17519	422.8	377.7	-130.0	17520	422.8	332.6	-130.0	17521	422.8	287.5	-130.0
17522	422.8	242.3	-130.0	17523	498.1	377.7	-180.0	17524	547.5	377.7	-180.0
17525	597.0	377.7	-180.0	17526	597.0	377.7	-130.0	17527	547.5	377.7	-130.0
17528	498.1	377.7	-130.0	17529	-10.4	1180.0	-80.0	17530	15.5	1180.0	-80.0
17531	2459.6	2002.4	-80.0	17532	15.5	1203.9	-80.0	17533	790.8	1203.9	-80.0
17534	811.4	1180.0	-80.0	17535	-36.3	1180.0	-80.0	17536	835.0	1180.0	-80.0
17537	-36.3	1203.9	-80.0	17538	-1141.7	565.4	-80.0	17539	-36.3	1225.7	-80.0
17540	835.0	1203.9	-80.0	17541	-10.4	1225.7	-80.0	17542	15.5	1225.7	-80.0
17543	2428.9	1962.1	-80.0	17544	2410.1	1960.2	-80.0	17545	790.8	1225.7	-80.0
17546	1358.1	2040.0	-80.0	17547	-1124.5	526.3	-80.0	17548	1358.1	2055.6	-80.0
17549	1383.0	2040.0	-80.0	17550	1406.0	2040.0	-80.0	17551	811.4	1225.7	-80.0
17552	1406.0	2055.6	-80.0	17553	835.0	1225.7	-80.0	17554	1383.0	2081.1	-80.0
17555	1406.0	2081.1	-80.0	17556	2409.8	1992.7	-80.0	17557	-1099.2	527.0	-80.0
17558	2410.1	2003.0	-80.0	17559	1358.1	2081.1	-80.0	17560	1163.1	603.9	-80.0
17561	-1136.1	526.3	-80.0	17562	1497.8	1792.4	-80.0	17563	1163.1	623.2	-80.0
17564	1497.8	1819.2	-80.0	17565	1520.8	1792.4	-80.0	17566	1551.4	1792.4	-80.0
17567	1185.6	603.9	-80.0	17568	1551.4	1819.2	-80.0	17569	1210.1	603.9	-80.0
17570	2428.9	2006.6	-80.0	17571	1497.8	1846.4	-80.0	17572	1210.1	623.2	-80.0
17573	1520.8	1846.4	-80.0	17574	1551.4	1846.4	-80.0	17575	2459.6	2012.6	-80.0
17576	1210.1	1225.7	-80.0	17577	1234.5	1180.0	-80.0	17578	1258.9	1180.0	-80.0
17579	1163.1	648.9	-80.0	17580	1258.9	1203.9	-80.0	17581	2459.6	1965.1	-80.0
17582	1185.6	648.9	-80.0	17583	1210.1	1180.0	-80.0	17584	1210.1	648.9	-80.0
17585	1210.1	1203.9	-80.0	17586	1234.5	1225.7	-80.0	17587	1258.9	1225.7	-80.0
17588	-1124.5	565.4	-80.0	17589	-1099.2	565.4	-80.0				

Nodo	X	Y	Z	Note	Rig. TX	Rig. TY	Rig. TZ	Rig. RX	Rig. RY	Rig. RZ
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
44	-306.1	377.7	-80.0	FS=2						
71	-306.1	0.0	-80.0	FS=1						
159	41.4	377.7	-80.0	FS=2						
187	-621.1	623.2	-80.0	FS=2						
198	41.4	0.0	-80.0	FS=1						
212	-306.1	623.2	-80.0	FS=1						
306	422.8	0.0	-80.0	FS=1						
310	646.4	0.0	-80.0	FS=1						
319	646.4	623.2	-80.0	FS=1						
446	-804.5	0.0	-80.0	FS=2						
537	-1124.5	546.1	-80.0	FS=2						
592	-871.2	1616.5	-80.0	FS=3						
763	-1509.9	1203.9	-80.0	FS=2						
1025	-734.3	1203.9	-80.0	FS=1						
1154	1075.4	0.0	-80.0	FS=1						
1216	1582.0	0.0	-80.0	FS=2						
1271	2119.0	0.0	-80.0	FS=2						
1324	2642.7	0.0	-80.0	FS=1						
1325	2642.7	197.2	-80.0	FS=1						
1446	1075.4	377.7	-80.0	FS=1						
1582	2642.7	377.7	-80.0	FS=1						
1856	-10.4	1203.9	-80.0	FS=2						
1949	1185.6	623.2	-80.0	FS=2						
2101	2642.7	726.0	-80.0	FS=1						
2137	1721.3	755.8	-80.0	FS=2						
2148	2270.1	755.8	-80.0	FS=1						
2255	811.4	1203.9	-80.0	FS=2						
2389	1234.5	1203.9	-80.0	FS=2						
2437	1643.2	1203.9	-80.0	FS=2						
2549	2270.1	1203.9	-80.0	FS=2						
2615	2642.7	1203.9	-80.0	FS=1						
2813	-767.4	1372.7	-80.0	FS=1						
3002	-62.2	1510.9	-80.0	FS=2						
3499	695.8	1658.2	-80.0	FS=2						
3736	1520.8	1819.2	-80.0	FS=2						
3844	2428.9	1996.5	-80.0	FS=2						
4221	-208.6	2000.6	-80.0	FS=3						
4377	1383.0	2055.6	-80.0	FS=2						
4450	1690.3	3117.2	-80.0	FS=3						
4647	389.7	2360.9	-80.0	FS=3						
4891	2074.7	2460.9	-80.0	FS=3						
4988	1000.0	2712.8	-80.0	FS=3						
6804	-1391.4	332.6	-80.0	FS=1						
9192	-1269.0	753.2	-80.0	FS=2						
15527	-996.1	287.4	-80.0	FS=2						
17497	422.8	377.7	-180.0	FS=1						
17498	646.4	377.7	-180.0	FS=1						
17499	422.8	197.2	-180.0	FS=1						
17503	646.4	197.2	-180.0	FS=1						

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

Il programma utilizza per la modellazione elementi a tre o più nodi denominati in generale solaio o pannello.
Ogni elemento solaio-pannello è individuato da una poligonale di nodi 1,2, ..., N.
L'elemento solaio è utilizzato in primo luogo per la modellazione dei carichi agenti sugli elementi strutturali. In secondo luogo può essere utilizzato per la corretta ripartizione delle forze orizzontali agenti nel proprio piano. L'elemento balcone è derivato dall'elemento solaio.
I carichi agenti sugli elementi solaio, raccolti in un archivio, sono direttamente assegnati agli elementi utilizzando le informazioni raccolte nell' archivio (es. i coefficienti combinatori). La tabella seguente riporta i dati utilizzati per la definizione dei carichi e delle masse.
L'elemento pannello è utilizzato solo per l'applicazione dei carichi, quali pesi delle tamponature o spinte dovute al vento o terre. In questo caso i carichi sono applicati in analogia agli altri elementi strutturali (si veda il cap. SCHEMATIZZAZIONE DEI CASI DI CARICO).

Id.Arch.	Identificativo dell' archivio
Tipo	Tipo di carico ***Variab.*** Carico variabile generico ***Var. rid.*** Carico variabile generico con riduzione in funzione dell' area (c.5.5. …) ***Neve*** Carico di neve
G1k	carico permanente (comprensivo del peso proprio)
G2k	carico permanente non strutturale e non compiutamente definito
Qk	carico variabile
Fatt. A	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
S sis.	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
Psi 0	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore raro***
Psi 1	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore frequente***
Psi 2	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore quasi permanente***
Psi S 2	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: ***per la definizione delle masse sismiche***
Fatt. Fi	Coefficiente di correlazione dei carichi per edifici

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione. In particolare per ogni elemento viene indicato in tabella:

Elem	numero dell'elemento
Tipo	codice di comportamento ***S*** elemento utilizzato solo per scarico ***C*** elemento utilizzato per scarico e per modellazione piano rigido ***P*** elemento utilizzato come pannello ***M*** scarico monodirezionale ***B*** scarico bidirezionale
Id.Arch.	Identificativo dell' archivio
Mat	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Orditura	angolo (rispetto all'asse X) della direzione dei travetti principali
Gk	carico permanente solaio (comprensivo del peso proprio)
Qk	carico variabile solaio
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

Nel caso in cui si sia proceduto alla progettazione dei solai con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale); nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite vengono riportati il rapporto x/d e le verifiche per sollecitazioni proporzionali nonché le verifiche in esercizio.

In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	numero identificativo dell'elemento
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m);
Pos.	Ascissa del punto di verifica
F ist, F infi	Frecce instantanee e a tempo infinito
Momento	Momento flettente
Taglio	Sollecitazione di taglio
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup.	Area di armatura longitudinale posta all'estradosso della trave
AfV	Area dell'armatura atta ad assorbire le azioni di taglio
Beff	Base della sezione di cls per l'assorbimento del taglio
	simboli utilizzati con il metodo delle tensioni ammissibili:
sc max	Massima tensione di compressione del calcestruzzo

sf max	Massima tensione nell'acciaio
tau max	Massima tensione tangenziale nel cls
	simboli utilizzati con il metodo degli stati limite:
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
verif.	rapporto Sd/Su con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva
Verif.V	rapporto Sd/Su con sollecitazioni taglianti proporzionali valore minore o uguale a 1 per verifica positiva
rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rFfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni frequenti [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni frequenti [normalizzato a 1]
rFyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]

Nel caso in cui si sia proceduto alla verifica delle tamponature secondo il D.M. 17.01.2018 - §7.2.3 viene riportata una tabella riassuntiva delle verifiche degli elementi pannello. La verifica confronta i momenti sollecitanti indotti dal sisma con i momenti resistenti, secondo tre ipotesi, due basate sulla resistenza a pressoflessione della tamponatura ed una basata sul cinematismo a seguito della formazione di tre cerniere plastiche sulla tamponatura (rif. Ufficio di Vigilanza sulle Costruzioni, Provincia di Terni).
Qualora la tamponatura sia di tipo antiespulsione (nelle due possibili varianti ordinaria o armata) viene condotta una verifica con meccanismo ad arco con degrado di resistenza. La verifica confronta le pressioni sollecitanti indotte dal sisma con le pressioni resistenti che la tamponatura sviluppa attraverso il meccanismo ad arco. La verifica considera anche il degrado di resistenza dovuto al danneggiamento nel piano della tamponatura.
Per quest'ultima tamponatura sono disponibili, in funzione del materiale impiegato (materiale [52] o materiale [53]):

- **Tamponatura Antiespulsione ordinaria Poroton® Cis Edil** sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova. Utilizzabile per il materiale [52].
- **Tamponatura Antiespulsione armata Poroton® Cis Edil** sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova. Utilizzabile per il materiale [53].

La verifica è stata calibrata sulla base di prove sperimentali sul sistema di Tamponatura Antiespulsione anche in presenza di aperture.
(rif. Rapporti di Prova redatti dal Dipartimento ICEA - Università degli Studi di Padova di test sperimentali condotti sul sistema Tamponatura Antiespulsione di Cis Edil)

In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	Numero identificativo dell'elemento
Stato	Codice di verifica
Ver. c.c.	Verifica nell'ipotesi di trave appoggiata con carico concentrato in mezzeria
Ver. c.d.	Verifica nell'ipotesi di trave appoggiata con carico distribuito
Ver. c.cin.	Verifica nell'ipotesi di cinematismo con formazione di cerniere plastiche in appoggio e mezzeria
Ver. CIS	Rapporto pa/pr (valore minore o uguale a 1 per verifica positiva)
Z	Quota del baricentro dell'elemento
T1	Periodo proprio dell'edificio nella direzione di interesse (ortogonale al pannello)
Ta	Periodo proprio della parete
Sa	Accelerazione massima, adimensionalizzata allo SLV
pa	Pressione sulla parete causata dall'azione sismica
pr	Pressione resistente del meccanismo ad arco
Drift	Spostamento relativo interpiano allo SLV valutato secondo il D.M. 14.01.2018 - § 7.3.3.3
Beta a	Coef. riduttivo per tener conto del danneggiamento del piano dipendente dallo spostamento, ottenuto sperimentalmente

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
14	**ANALISI DEI CARICHI PER UN SOLAIO DI COPERTURA**

15	**EFFETTI DELLO SPESSORE SULLA RIGIDEZZA DEI SOLAI**
16	**SOLAIO: CONFRONTO FRA RIGIDO E DEFORMABILE**
17	**SOLAIO: MISTO LEGNO-CALCESTRUZZO**
28	**FRECCIA DI SOLAI IN C.A.**
119	**PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM**

ID Arch.	Tipo	G1k	G2k	Qk	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
		daN/cm2	daN/cm2	daN/cm2							
1	Variab.	4.50e-02	1.00e-02	2.00e-02		1.00	0.70	0.50	0.30	0.30	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k	G2k	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						daN/cm2	daN/cm2	daN/cm2					
1	PM		m=160	3.0	90.0				1401	1399	1398	1396	1397
									1393	1394	1395	16414	4763
2	PM		m=110	30.0	90.0				8575	15339	15341	15508	13676
									13675	13674	13619	13618	8574
3	PM		m=110	30.0	90.0				11215	11216	11152	11154	11155
									11156	11157	11153	9176	9893
									13055	13059	13058	13057	13056
									13054	13066	13065	13064	11203
4	PM		m=110	30.0	90.0				15228	15240	15241	15177	15179
									15180	15181	15182	15178	13917
									9176	11153	11157	11156	11155
									11154	11152	11216	11215	11203
5	PM		m=110	30.0	90.0				10513	12948	13067	12983	13079
									13060	13061	13062	13013	10614
									11196	11191	11162	11998	10568
									11217				
6	PM		m=110	30.0	90.0				10514	12949	12947	13050	13051
									13052	12967	13063	13078	13053
									12948	10513	11146	11709	11200
									10543	11074	11073	11072	10511
7	PM		m=110	30.0	90.0				11603	11602	11599	10651	11507
									11494	11279	10764	10629	10614
									13013	13021	13040	13068	13069
									13070	13032	13071	13072	13073
									13074	11607			
8	PM		m=160	3.0	90.0				4762	3941	4763	13588	
9	PM		m=110	30.0	90.0				8549	13602	13604	13605	13606
									13603	13625	13626	13627	13621
									8578	8586	8584	8583	8555
									8559	8558	8556		
10	PM		m=160	3.0	90.0				1406	1402	1403	1404	1405
									1400	1401	4763	3941	
11	PM		m=160	3.0	90.0				6651	1415	1416	1417	1418
									1419	1420	1421	1413	1414
									16416				
12	PM		m=110	30.0	90.0				14738	14767	14780	14786	14795
									14806	14814	15219	14483	14477
									14466	13751	13638	13649	13652
									13655	13672	13671	13670	13669
									13668	13667	13666	13658	13673
									15308				
13	PM		m=160	3.0	90.0				1414	1411	1412	1410	1409
									1407	1408	1406	3941	16416
14	PM		m=110	30.0	90.0				13751	14465	8564	8572	8560
									13748	13762	13753	8578	13621
									13640	13641	13637	13607	13616
									13611	13648	13638		
15	PM		m=110	30.0	90.0				9893	15345	15344	15292	15549
									15550	15564	15357	15523	15527
									15535	15514	5934	6148	15570

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k	G2k	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
									15343	6408	8522	8570	8550
									9192	9200	9209	9715	13103
									13159	15275	6406	6426	9216
									8528	15309	2651	892	6128
									5963	9889	9890	5952	6000
									6055	6047	6040	6033	6025
									6017	5995	5986	5978	5962
									5969	5945	6048	9891	5652
									5669	5665	5614	5626	5621
									5617	5608	5648	5638	5637
									9888	16657			
16	PM		m=160	3.0	90.0				5866	5629	5641	5640	6611
									10736	6600	9865	6089	9861
									9862	9863	9864	9858	9859
									5867				
17	PM		m=160	3.0	90.0				6600	5647	5646	5861	10452
									5859	5858	5633	9868	9853
									9854	5802	9856	9851	9852
									9865				
18	PM		m=160	3.0	90.0				5633	12007	12011	5848	5847
									5850	12031	6601	5864	6604
									9880	9876	9877	8224	9875
									9872	9873	8207	8203	9868
19	PM		m=160	3.0	90.0				6604	6607	12033	6608	9162
									7311	6609	11618	11281	11259
									8917	8926	8460	9884	9885
									9886	9883	8226	9882	9880
20	PM		m=160	3.0	90.0				11259	10494	10465	11536	10733
									5602	11538	10783	11327	10760
									9114	8739	9126	8944	8963
									8474	8943	8454	8728	8917
21	PM		m=160	3.0	90.0				10760	10756	10748	10652	11595
									5651	11318	11671	11623	5894
									11135	11246	9690	9619	9443
									9500	9502	8928	9434	9424
									9104	9110	9113	9114	
22	PM		m=160	3.0	90.0				11246	11609	11260	5860	9163
									5635	5636	11546	5606	5865
									11535	11252	8915	8942	9857
									8966	9640	9871	9870	9866
									9855	9695	8947	9690	
23	PM		m=160	3.0	90.0				11252	11662	5875	5628	11594
									10768	9164	6605	10773	6613
									6602	9878	9047	9118	9881
									9887	9116	9427	9867	9439
									9645	8915			
24	PM		m=160	3.0	90.0				6602	5849	11541	10606	11619
									10739	11542	11264	13458	13469
									13476	13483	13490	13493	13590
									13579	13576	13565	13558	13555
									9501	9637	6092	9499	9098
									9636	9874	9878		
25	PM		m=160	3.0	90.0				6419	13910	14736	14750	14749
									14748	14747	14746	14745	14744
									14462	14471	10446	10437	10719
									10720	10721	10722	10723	10724
									10725	10711	9166	11611	13673
									15308				
26	PM		m=160	3.0	90.0				14471	14470	14469	14468	14463
									15310	15340	15342	15509	15360
									11335	11484	11317	11315	11285
									10438	10443	10444	10445	10446
27	PM		m=160	3.0	90.0				15360	15517	15516	15515	15511
									15529	15528	15520	15543	15552
									15551	15545	11520	11526	11518
									11495	11503	11504	11486	11490
									11491	11492	11335		
28	PM		m=160	3.0	90.0				15545	15554	15577	15576	15575
									15574	15559	5542	11572	11534
									11549	11550	11551	11552	11529
									11520				

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k	G2k	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
29	PM		m=160	3.0	90.0				5542	5541	5523	6116	6101
									6095	5927	5877	5544	6127
									11587	11574	11580	11581	11583
									11584	11585	11568	11571	11572
30	PM		m=160	3.0	90.0				6127	6400	6133	6413	6412
									6409	6404	6430	6422	6434
									6436	6438	6442	6440	6462
									11654	11632	11634	11630	11628
									11626	11614	11622	11596	11601
									11604	11605	11589	11592	11587
31	PM		m=160	3.0	90.0				6489	11681	11684	11685	11673
									11675	11670	11668	11663	11666
									11656	11659	11660	11652	11654
									6462	6460	6468	6467	6464
									6474	6471	6476	6478	6483
									6481	6493	6492		
32	PM		m=160	3.0	90.0				15307	11282	11329	11829	11716
									11714	11712	11710	11705	11701
									6509	6513	6518	6520	6522
									6524	6713	15354		
33	PM		m=160	3.0	90.0				6509	11701	11703	11697	11699
									11695	11693	11689	11691	11687
									11677	11681	6489	6485	6495
									6499	6497	6501	6503	6507
									6505	6511			
34	PM		m=160	3.0	90.0				9719	6126	6080	9562	9520
									5889	6109	9308	6114	7323
									7000	7889	2653	4963	4820
									878	4748	873	4716	4284
									4326	844	5148	5158	892
									6128				
35	PM		m=160	3.0	90.0				9299	5833	6866	8706	8787
									9720	8836	6119	8843	3607
									5214	3600	4484	3551	3470
									5206	597	4063	2653	7889
36	PM		m=160	3.0	90.0				8843	6814	9296	6818	8789
									7326	9456	9525	6079	7383
									6916	4734	4911	843	4289
									4220	5160	5189	4973	4060
									4971	3607			
37	PM		m=160	3.0	90.0				6916	7240	7381	6147	9725
									6140	9733	9744	5834	7419
									7319	4819	4913	4683	4508
									4497	4717	4489	4704	4910
									5181	4734			
38	PM		m=160	3.0	90.0				6110	9448	9287	9731	9521
									6117	5827	6097	6111	6103
									6129	893	867	875	861
									591	881	4285	4495	4735
									4827	874	4819	7319	
39	PM		m=160	3.0	90.0				6125	7888	6131	8698	8697
									8834	8818	9306	9514	4278
									4070	3582	3598	3461	3462
									895	2652	889	893	6129
40	PM		m=160	3.0	90.0				9062	3826	4466	5208	5135
									5137	4961	5128	4739	4752
									4278	9514	5839	9446	6919
									6864	9739	9059	9710	9702
41	PM		m=110	30.0	90.0				9622	9069	9511	9052	9048
									9050	9051	9064	9063	3827
									3828	3815	3814	3812	3816
									4275	3833	4386	3826	9062
42	PM		m=110	30.0	90.0				9503	4267	2657	3811	2658
									4277	4274	3834	3572	4276
									3817	2654	7890	9053	9512
									8808	9070	9510	9513	7894
									7893	9501			
43	PM		m=110	30.0	90.0				9061	9054	9049	9066	7890
									2654	3830	3813	3818	3825
									3827	9063			
44	PM		m=160	3.0	90.0				9859	12899	5607	5867	

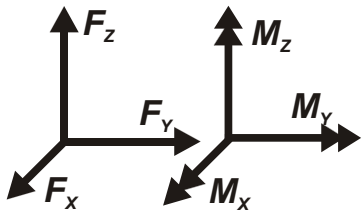
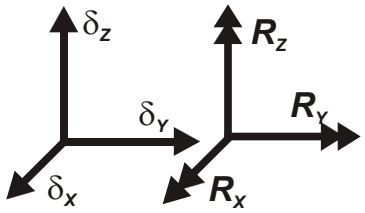
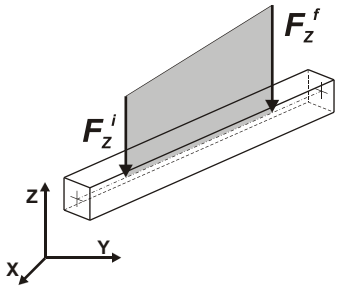
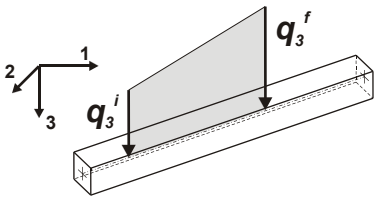
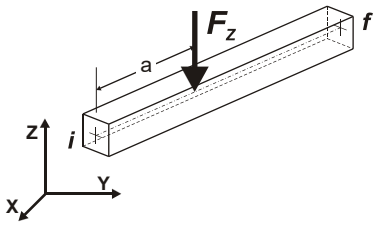
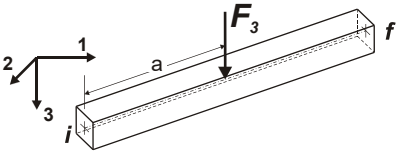
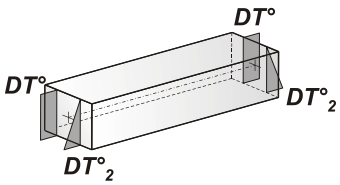
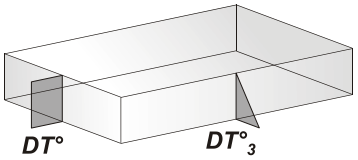
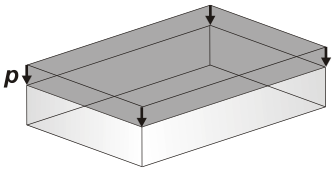
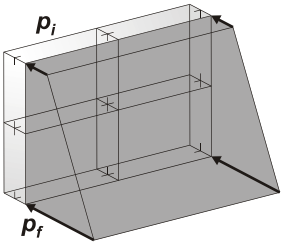
Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k	G2k	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
45	PM		m=110	30.0	90.0				4392	4475	3841	3844	3850
									3847	9083	9086	9505	9507
									9711	9628			
46	PM		m=160	3.0	90.0				4746	4751	4755	4757	4758
									4759	4778	8791	13518	16417
									4747				
47	PM		m=160	3.0	90.0				16417	4762	4740	4742	4741
									4750	4745	4744	4743	4747
48	PM		m=160	3.0	90.0				4762	13588	3938	3937	4736
									4731	4706	3940	4740	
49	PM		m=160	3.0	90.0				3933	3931	3936	3935	4737
									3939	3938	13588	16415	3934
50	PM		m=160	3.0	90.0				3928	3927	3926	1378	1377
									3930	3929	3934	16415	13212
									15286				
51	PM		m=160	3.0	90.0				16414	1395	1391	1392	1389
									1390	1388	1345	1344	1386
									6622				
52	PM		m=160	3.0	90.0				16415	16414	6622	13212	
53	PM		m=160	3.0	90.0				13588	4763	16414	16415	
54	PM		m=160	3.0	90.0				13518	6651	16416	16417	
55	PM		m=160	3.0	90.0				16416	3941	4762	16417	
56	PM		m=110	30.0	90.0				14807	14801	14101	15025	15023
									15035	15036	15037	15033	15291
									15279	13207	13215	11008	11012
									11011	11010	10998	11000	10076
									17192	17198			
57	PM		m=110	30.0	90.0				17198	17192	10076	11000	10998
									11010	11011	11012	11008	13215
									13207	6390	6392	6370	6374
									6373	6372	6360	6362	5419
									10048	10035			
58	PM		m=110	30.0	90.0				1154	1156	1134	1138	1137
									1136	1124	1126	183	305
									310	10035	10048	5419	6362
									6360	6372	6373	6374	6370
									6392	6390			
59	PM		m=110	30.0	90.0				10792	16697	10797	10796	10795
									10794	11150	11149	11151	15176
									15174	15175	14819	14820	14821
									14822	16752	14817	14818	10793
60	PM		m=110	30.0	90.0				11149	11150	10794	10795	10796
									10797	16697	10792	10793	16701
									16698	16699	9138	9137	9136
									9135	9160	9159	9161	11151
61	PM		m=110	30.0	90.0				9159	9160	9135	9136	9137
									9138	16699	16698	16701	3898
									3897	3895	3902	3901	3900
									3899	3924	3923	3925	9161

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	**carico concentrato nodale** 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	**spostamento nodale impresso** 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	**carico distribuito globale su elemento tipo trave** 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	**carico distribuito locale su elemento tipo trave** 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	**carico concentrato globale su elemento tipo trave** 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	**carico concentrato locale su elemento tipo trave** 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	**variazione termica applicata ad elemento tipo trave** 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	**carico di pressione uniforme su elemento tipo piastra** 1 dato (pressione)
9	**carico di pressione variabile su elemento tipo piastra** 4 dati (pressione, quota, pressione, quota)
10	**variazione termica applicata ad elemento tipo piastra** 2 dati (variazioni termiche: media e differenza nello spessore)
11	**carico variabile generale su elementi tipo trave e piastra** 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	**gruppo di carichi con impronta su piastra** 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi

 Carico concentrato nodale	 Spostamento impresso
 Carico distribuito globale	 Carico distribuito locale
 Carico concentrato globale	 Carico concentrato locale
 Carico termico 2D	 Carico termico 3D
 Carico pressione uniforme	 Carico pressione variabile

Tipo	carico variabile generale

Id	Tipo	ascissa	valore	ascissa	valore
		cm	daN/cm2	cm	daN/cm2
1	Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.04		
2	Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.03		
3	Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.02		
4	Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.02		
5	Variabile 300 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.03		
6	Variabile affollamento 400 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.03		

Id	Tipo	ascissa	valore	ascissa	valore
7	Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-8.00e-03		
8	Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.02		
9	Neve accumulo1 460 kg/mq-QV:var y - Qz - Area				
	Y - Y Qz Area L2=0.0	1247.62	-0.05	2098.58	-0.02
10	Neve 122 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.01		
11	Neve accumulo2 460 kg/mq-QV:var y - Qz - Area				
	Y - Y Qz Area L2=0.0	1265.09	-0.05	3196.38	-0.02
12	Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area				
	Unif. Qz Area L2=0.0		-0.04		

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.
Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	*Tipo*	*Descrizione*
1	**Ggk**	A	caso di carico comprensivo del peso proprio struttura
2	**Gk**	NA	caso di carico con azioni permanenti
3	**Qk**	NA	caso di carico con azioni variabili
4	**Gsk**	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	**Qsk**	A	caso di carico comprensivo dei carichi variabili sui solai
6	**Qnk**	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	**Qtk**	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	**Qvk**	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	**Esk**	SA	caso di carico sismico con analisi statica equivalente
10	**Edk**	SA	caso di carico sismico con analisi dinamica
11	**Etk**	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	**Pk**	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso: *Numero Tipo* e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gsk	CDC=G2pk (permanente pannelli n.c.d.)	
3	Gk	CDC=G1k (permanente soletta)	Azioni applicate:
			D3 :da 1 a 28 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 31 a 46 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 49 a 135 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 138 a 294 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 295 a 352 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 353 a 355 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 356 a 359 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 360 a 362 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 363 a 366 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 367 a 435 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 439 a 441 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 444 a 445 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 449 a 450 Azione : Permantente solaio controterra 395 kg/mq-QV:unif -

CDC	Tipo	Sigla Id	Note
			Qz - Area
			D3 :da 454 a 458 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 459 a 503 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 504 a 586 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 587 a 588 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 589 a 591 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 592 a 594 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 595 a 599 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 600 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 601 a 607 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 608 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 609 a 615 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 616 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 617 a 623 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 624 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 625 a 631 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 632 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 633 a 639 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 640 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 641 a 647 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 648 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 649 a 655 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 656 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 657 a 663 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 664 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 665 a 671 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 672 a 675 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 676 a 679 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 680 a 683 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 684 a 687 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 688 a 691 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 692 a 695 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 696 a 699 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 700 a 703 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 704 a 706 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da 707 a 711 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 712 a 714 Azione : Permantente solaio copertura impianti 445 kg/mq-

CDC	Tipo	Sigla Id	Note
			QV:unif - Qz - Area
			D3 :da 715 a 719 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 720 a 750 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 751 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 752 a 762 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 763 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 764 a 771 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 773 a 791 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 792 a 818 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 819 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 820 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 821 a 1195 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 1198 a 1211 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 1212 a 1217 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 1219 a 1227 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 1228 a 1245 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 1248 a 1256 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 1259 a 1266 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 1268 a 1988 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 1990 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 1992 a 2026 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 2028 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 2030 a 2236 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 2238 a 2491 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 2492 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 2493 a 2571 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 2573 a 2586 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 2588 a 3132 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3135 a 3147 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3149 a 3150 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3152 a 3165 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3167 a 3168 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3170 a 3331 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3332 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3333 a 3335 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3336 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3337 a 3341 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3343 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3344 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3345 a 3449 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3450 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3451 a 3452 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3453 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area

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			D3 : 3454 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3455 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3456 a 3458 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3459 a 3460 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3461 a 3464 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3465 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3466 a 3467 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3468 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3469 a 3759 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3762 a 3775 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3776 a 3781 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3783 a 3791 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3792 a 3809 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3812 a 3820 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3823 a 3830 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3832 a 3907 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3908 a 3909 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 3910 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3911 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3912 a 3915 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3916 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3917 a 3922 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3923 a 3924 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 3925 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 3926 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3927 a 3928 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 3929 a 3930 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 3931 a 4063 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4064 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4065 a 4068 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4069 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4070 a 4140 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4141 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 4142 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4143 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4144 a 4173 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 4174 a 4177 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4178 a 4244 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 4246 a 4556 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4557 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4558 a 4561 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4562 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4563 a 4574 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4575 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4576 a 4591 Azione : Permantente solaio controterra 395 kg/mq-QV:unif -

CDC	Tipo	Sigla Id	Note
			Qz - Area
			D3 :da 4592 a 4594 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4595 a 4596 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 4597 a 4599 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 4600 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4601 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4602 a 4607 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4608 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4609 a 4632 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4633 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4634 a 4636 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 4637 a 4639 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4640 a 4641 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 4642 a 4645 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4646 a 4648 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 4649 a 4651 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4652 a 4655 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 4656 a 4657 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4658 a 4750 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4751 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4752 a 4776 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4777 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4778 a 4799 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4800 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4801 a 4802 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4803 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4804 a 4976 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4977 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 4978 a 4984 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 4985 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 4986 a 5033 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 5034 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5035 a 5042 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5044 a 5051 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 5052 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5053 a 5176 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5178 a 5179 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5181 a 5182 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5184 a 5185 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5187 a 5188 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5190 a 5191 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5193 a 5194 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5196 a 5197 Azione : Permantente solaio controterra 395 kg/mq-QV:unif -

CDC	Tipo	Sigla Id	Note
			Qz - Area
			D3 :da 5199 a 5228 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5229 a 5238 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5239 a 5244 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5261 a 5267 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5272 a 5316 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5317 a 5318 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5319 a 5320 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 5321 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5322 a 5401 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5402 a 5436 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5437 a 5438 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5439 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5440 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5441 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5442 a 5443 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5444 a 5446 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5447 a 5448 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5449 a 5450 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5451 a 5453 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5454 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5455 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5456 a 5458 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5459 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5460 a 5461 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5462 a 5463 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5464 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5465 a 5468 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5469 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5470 a 5473 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5474 a 5476 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5477 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5478 a 5482 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5483 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5484 a 5487 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5488 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5489 a 5502 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5503 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5504 a 5616 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5617 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5618 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5619 a 5620 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5621 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5622 a 5636 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5637 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5638 a 5640 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5641 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 5642 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5643 a 5645 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5647 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5648 a 5662 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5663 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5664 a 5688 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5689 a 5690 Azione : Permantente solaio controterra 395 kg/mq-QV:unif -

CDC	Tipo	Sigla Id	Note
			Qz - Area
			D3 :da 5691 a 5696 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5697 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5698 a 5712 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5713 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5714 a 5718 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5719 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5720 a 5722 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5723 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5724 a 5725 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5726 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5727 a 5738 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5739 a 5740 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5741 a 5754 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5755 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5756 a 5762 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5763 a 5765 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5766 a 5770 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5771 a 5772 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5773 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5774 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5775 a 5778 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5779 a 5781 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5782 a 5786 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5787 a 5790 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5791 a 5794 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5795 a 5797 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5798 a 5802 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5803 a 5806 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5807 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5808 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5809 a 5810 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5811 a 5816 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5817 a 5818 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5819 a 5823 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5824 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5825 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5826 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5827 a 5833 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5834 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5835 a 5840 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5841 a 5842 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5843 a 5849 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5850 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5851 a 5872 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5873 a 5874 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5875 a 5876 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5877 a 5879 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5880 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5881 a 5889 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5890 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5891 a 5895 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5896 a 5897 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5898 a 5908 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5909 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5910 a 5914 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5915 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 : 5916 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5917 a 5918 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5919 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5920 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5921 a 5922 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5923 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5924 a 5925 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 5926 a 5927 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5928 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 5929 a 5936 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5937 a 5938 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5939 a 5952 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5953 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 5954 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 5955 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 5956 a 5957 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 5958 a 6020 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6021 a 6024 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6025 a 6101 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6102 a 6104 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6105 a 6122 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6123 a 6124 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6125 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6126 a 6128 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6129 a 6131 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 6132 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6133 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6134 a 6138 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6139 a 6158 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6159 a 6190 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6191 a 6193 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6194 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6195 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6196 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6197 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6198 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6199 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6200 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6201 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6202 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6203 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6204 a 6206 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6207 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6208 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6209 a 6212 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6213 a 6214 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6215 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6216 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6217 a 6226 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6227 a 6231 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6234 a 6250 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6251 a 6255 Azione : Permantente solaio copertura 165 kg/mq-QV:unif -

CDC	Tipo	Sigla Id	Note
			Qz - Area
			D3 :da 6256 a 6263 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6264 a 6334 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6336 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6339 a 6341 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6347 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6348 a 6350 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6352 a 6355 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6358 a 6359 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 6360 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6361 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6362 a 6366 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6367 a 6374 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6375 a 6410 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6411 a 6442 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6443 a 6445 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6446 a 6454 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6455 a 6457 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6458 a 6460 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6461 a 6463 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6464 a 6466 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6467 a 6470 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6471 a 6472 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6474 a 6475 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6477 a 6485 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6489 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6490 a 6493 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6494 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6495 a 6497 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6498 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6499 a 6504 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6505 a 6506 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6507 a 6518 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6519 a 6522 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6523 a 6525 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6526 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6527 a 6532 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6533 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6534 a 6537 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6538 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6539 a 6541 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6542 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6543 a 6548 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6549 a 6550 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 6551 a 6556 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6557 a 6558 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6559 a 6560 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6562 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6563 a 6565 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6566 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6567 a 6568 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6570 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6571 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6574 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6575 a 6577 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6578 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6579 a 6580 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6582 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6585 a 6610 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6611 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6612 a 6615 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6616 a 6617 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6618 a 6619 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6620 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6621 a 6622 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6623 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6625 a 6628 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6630 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6631 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6632 a 6635 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6639 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6640 a 6641 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6642 a 6643 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6644 a 6649 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6650 a 6651 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6653 a 6657 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6659 a 6660 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 6661 a 6667 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6669 a 6715 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6716 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6717 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6718 a 6724 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6725 a 6731 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 6732 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6733 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 6734 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6735 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 6736 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6737 a 6739 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6740 a 6750 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6751 a 6761 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6762 a 6767 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 6768 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 : 6770 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6771 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6772 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6773 a 6915 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 6916 a 6929 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6930 a 6931 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6932 a 6934 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6935 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6936 a 6937 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6938 a 6939 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6940 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6942 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6943 a 6945 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6947 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6948 a 6949 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6950 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6951 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6952 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6953 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6954 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 6957 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6959 a 6962 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6963 a 6965 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6967 a 6968 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6969 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6970 a 6984 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 6985 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 6986 a 6987 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 6988 a 7026 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7027 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7028 a 7029 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7030 a 7031 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7032 a 7034 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7035 a 7036 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7037 a 7047 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7048 a 7071 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7072 a 7073 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7074 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7075 a 7081 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7082 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7083 a 7084 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7085 a 7087 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7088 a 7109 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7110 a 7112 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 7113 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7114 a 7116 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 7117 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7119 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7120 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 7121 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7122 a 7128 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 7129 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7130 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7131 a 7161 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7162 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7163 a 7164 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7165 a 7166 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area

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			D3 :da 7167 a 7169 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7170 a 7177 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7178 a 7225 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7226 a 7227 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7228 a 7233 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7234 a 7237 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7238 a 7249 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7250 a 7265 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7266 a 7267 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7268 a 7269 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7270 a 7287 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7288 a 7295 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7296 a 7303 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7304 a 7307 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7308 a 7311 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7312 a 7318 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7319 a 7322 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7323 a 7341 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7342 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7343 a 7344 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7345 a 7346 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 7347 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7348 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7349 a 7356 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7357 a 7360 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7361 a 7372 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7373 a 7376 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7377 a 7388 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7389 a 7392 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7393 a 7410 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7411 a 7416 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7417 a 7429 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7430 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 7431 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7432 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7433 a 7630 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 7631 a 7632 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 7633 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7634 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 7635 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 7636 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 7637 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 7638 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7639 a 7941 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz -

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			Area
			D3 :da 7942 a 7949 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7950 a 7951 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 7952 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7953 a 7954 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7955 a 7958 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7959 a 7964 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7965 a 7967 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 7968 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7969 a 7970 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7971 a 7976 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 7977 a 7979 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 7980 a 8165 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8166 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8167 a 8171 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8172 a 8192 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8193 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8194 a 8196 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8197 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8198 a 8204 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8205 a 8210 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8211 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8212 a 8214 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8215 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8216 a 8220 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8221 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8222 a 8233 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8235 a 8242 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8244 a 8250 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8253 a 8276 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8278 a 8285 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8287 a 8294 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8296 a 8351 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8352 a 8363 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8364 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 8365 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8366 a 8379 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8380 a 8465 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8466 a 8472 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8473 a 8474 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8475 a 8476 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8477 a 8478 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8479 a 8506 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8507 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8508 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8509 a 8513 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8514 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8515 a 8556 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8557 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8558 a 8559 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area

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			D3 :da 8560 a 8561 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 8562 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8563 a 8564 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8565 a 8568 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8569 a 8570 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8571 a 8572 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8573 a 8576 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8577 a 8578 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8579 a 8580 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8581 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 8582 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8583 a 8585 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 8586 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8587 a 8589 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8590 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8591 a 8605 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8606 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8607 a 8615 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8616 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 8617 a 8667 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8668 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8669 a 8678 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8679 a 8680 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8681 a 8684 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8685 a 8686 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8687 a 8699 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8700 a 8702 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8703 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8704 a 8707 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8708 a 8710 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8711 a 8712 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8713 a 8715 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8716 a 8718 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8719 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8720 a 8723 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8724 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8725 a 8726 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8727 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8728 a 8729 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8730 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8731 a 8734 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8735 a 8736 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8737 a 8741 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8742 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8743 a 8819 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8820 a 8822 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8823 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8824 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8825 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8826 a 8831 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8832 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8833 a 8834 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8835 a 8836 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area

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			D3 : 8837 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8838 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8839 a 8841 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8842 a 8850 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8851 a 8852 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8853 a 8854 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8855 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8856 a 8868 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8869 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8870 a 8871 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8872 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8873 a 8876 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8877 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8878 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8879 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8880 a 8881 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8882 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8883 a 8886 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8887 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8888 a 8889 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8890 a 8891 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8892 a 8895 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8896 a 8897 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8898 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8903 a 8905 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 : 8911 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8912 a 8917 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 8922 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8923 a 8924 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 8925 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8926 a 8930 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 8931 a 8938 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 8939 a 8947 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 8948 a 8974 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 8975 a 9030 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9031 a 9032 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9033 a 9038 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9039 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9040 a 9045 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9046 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 9047 a 9050 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9051 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 9052 a 9058 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9059 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 9060 a 9066 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9067 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9068 a 9171 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9172 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9173 a 9177 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9178 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9179 a 9184 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9185 a 9186 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9187 a 9193 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9194 a 9197 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9198 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area

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			D3 :da 9199 a 9200 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9201 a 9206 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9207 a 9208 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 9209 a 9260 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9261 a 9268 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9269 a 9273 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9274 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 9275 a 9276 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9277 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 9278 a 9317 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9318 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da 9319 a 9376 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9377 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9378 a 9382 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9383 a 9386 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9387 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9388 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9389 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9390 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9391 a 9392 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9393 a 9394 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9395 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9396 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9397 a 9400 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9401 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9402 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9403 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9404 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9405 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9406 a 9439 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9440 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9441 a 9457 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9458 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 : 9459 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9460 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9461 a 9472 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9473 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 9474 a 9490 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9491 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9492 a 9500 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9501 a 9502 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9503 a 9697 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9698 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9699 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9700 a 9702 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9703 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9704 a 9705 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9706 a 9707 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9708 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9709 a 9710 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9711 a 9717 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9718 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9719 a 9721 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9722 a 9726 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9727 a 9728 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9729 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9730 a 9734 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9735 a 9737 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9738 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area

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			D3 :da 9739 a 9740 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9741 a 9745 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9746 a 9747 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9748 a 9749 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9750 a 9751 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9752 a 9753 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9754 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9755 a 9757 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9758 a 9759 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9760 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9761 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9762 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9763 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9764 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9765 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9766 a 9768 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9769 a 9770 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9771 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9772 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9773 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9774 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9775 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9776 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9777 a 9778 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9779 a 9783 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9784 a 9821 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9822 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da 9823 a 9824 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9825 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da 9826 a 9827 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9828 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da 9829 a 9830 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9831 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da 9832 a 9833 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9834 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da 9835 a 9836 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9837 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da 9838 a 9839 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9840 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da 9841 a 9842 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9843 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da 9844 a 9873 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 : 9874 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 : 9875 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9876 a 9885 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da 9886 a 9889 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9890 a 9893 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 9895 a 9905 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 9906 a 9912 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da 9913 a 9916 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da 9917 a10077 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area

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			D3 :da10079 a10095 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10096 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10097 a10118 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10120 a10123 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10126 a10213 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10215 a10222 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10225 a10227 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10230 a10232 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10235 a10239 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10240 a10277 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10278 a10281 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10282 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :10283 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10285 a10288 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10290 a10297 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10301 a10305 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10308 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10309 a10313 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10314 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10315 a10336 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10337 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10338 a10344 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10346 a10349 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10350 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10351 a10353 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10355 a10360 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10363 a10368 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10370 a10376 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10378 a10383 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10386 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10388 a10391 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10393 a10453 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10455 a10462 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10464 a10496 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10497 a10518 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10519 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10520 a10524 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10526 a10529 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10530 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10531 a10540 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10541 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10542 a10545 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz -

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			Area
			D3 :10546 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10547 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10548 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10549 a10551 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10552 a10558 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10559 a10564 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10565 a10566 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10567 a10570 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10571 a10575 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10576 a10577 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10578 a10804 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10805 a10809 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10810 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10811 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :10812 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10815 a10817 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10823 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10824 a10831 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10834 a10836 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10838 a10842 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10843 a10874 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10875 a10877 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10878 a10882 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10883 a10895 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10896 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10897 a10906 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10907 a10924 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10925 a10927 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10928 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10929 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10930 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :10931 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10932 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10933 a10949 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10950 a10951 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10952 a10955 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10956 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10957 a10968 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10969 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10970 a10983 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :10984 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da10985 a10995 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da10996 a11023 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11024 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area

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			D3 :da11025 a11026 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11027 a11040 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11041 a11190 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11191 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11192 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11193 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11194 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11195 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11196 a11197 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11198 a11200 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11201 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11202 a11218 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11219 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11220 a11235 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11236 a11238 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11239 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11240 a11253 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11254 a11255 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11256 a11257 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11258 a11259 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11260 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11261 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11262 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11263 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11264 a11265 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11266 a11267 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11268 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11269 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11270 a11271 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11272 a11273 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11274 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11275 a11280 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11281 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11282 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11283 a11284 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11285 a11286 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11287 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11288 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11289 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11290 a11292 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11293 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11294 a11307 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11308 a11309 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11310 a11315 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11316 a11317 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11318 a11319 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11320 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area

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			D3 :da11321 a11322 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11323 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11324 a11326 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11327 a11340 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11341 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11342 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11343 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11344 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11345 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11346 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11347 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11348 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11349 a11397 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11398 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11399 a11410 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11411 a11520 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11521 a11856 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11857 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11858 a11860 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11861 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11862 a11870 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11871 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11872 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11873 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11874 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :11875 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :11876 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11877 a11878 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11879 a11880 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11881 a11884 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11885 a11888 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11889 a11891 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da11892 a11894 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da11895 a12521 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da12523 a12678 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da12680 a12694 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :12695 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da12696 a12700 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da12702 a12856 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da12858 a12872 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :12874 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da12875 a12994 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da12995 a13014 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da13015 a13219 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13221 a13333 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13334 a13422 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area

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			D3 :da13423 a13435 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :13438 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da13440 a13472 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da13474 a13476 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da13478 a13528 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :13529 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :13530 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :13531 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da13532 a13538 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13539 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13540 a13549 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13550 a13553 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :13554 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13555 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13556 a13566 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13568 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13569 a13572 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13573 a13580 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13581 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13582 a13593 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13594 a13595 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13596 a13635 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13636 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13637 a13689 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13691 a13707 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13708 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :13709 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13710 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13711 a13712 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13713 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13714 a13722 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13723 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13724 a13726 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13729 a13730 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13732 a13738 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13739 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13740 a13741 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13742 a13746 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13747 a13756 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13757 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif -

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			Qz - Area
			D3 :13758 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13759 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :13760 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :13761 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13762 a13798 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13799 a13834 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13835 a13850 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13851 a13859 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13860 a13869 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13870 a13871 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13872 a13875 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13876 a13894 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13895 a13898 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13899 a13917 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13918 a13949 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13950 a13958 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da13959 a13982 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da13983 a14003 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14004 a14104 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14106 a14109 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14112 a14199 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14201 a14208 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14211 a14213 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14216 a14218 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14221 a14225 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14227 a14267 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14268 a14269 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14271 a14274 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14276 a14283 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14284 a14286 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14287 a14291 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14292 a14293 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14294 a14330 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14332 a14339 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14341 a14346 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14349 a14354 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14356 a14362 Azione : Permantente solaio copertura 165 kg/mq-QV:unif -

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			Qz - Area
			D3 :da14364 a14369 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14372 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14374 a14377 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14379 a14439 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14441 a14448 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14450 a14493 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14494 a14495 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :14496 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14497 a14498 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14499 a14503 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14504 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14505 a14510 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14512 a14530 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14531 a14533 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14534 a14537 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14538 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14539 a14541 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14542 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14543 a14544 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14545 a14548 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14549 a14555 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14556 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14557 a14561 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14562 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14563 a14764 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14765 a14772 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14773 a14775 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14776 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14777 a14779 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14780 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14781 a14783 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14784 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14785 a14787 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14788 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14789 a14790 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14791 a14793 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14794 a14795 Azione : Permantente solaio controterra 395 kg/mq-QV:unif

CDC	Tipo	Sigla Id	Note
			- Qz - Area
			D3 :14796 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14797 a14798 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14801 a14803 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14804 a14808 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :14809 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da14810 a14817 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14820 a14822 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14824 a14827 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14828 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da14829 a14830 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14831 a14833 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14834 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14835 a14836 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14837 a14844 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14845 a14847 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14848 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14849 a14851 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14852 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14853 a14855 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14856 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14857 a14859 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14860 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14861 a14863 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da14864 a14868 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14869 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da14871 a14872 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14873 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da14874 a14892 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14893 a14898 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14899 a14907 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14908 a14910 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da14911 a14913 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da14914 a14928 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :14929 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da14930 a14963 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14965 a14969 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :14970 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da14971 a14981 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da14982 a15009 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :15010 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15011 a15012 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15013 a15015 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15017 a15025 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15027 a15176 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15177 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15178 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15179 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15180 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15182 a15183 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15185 a15186 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15187 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15188 a15191 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15193 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15195 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15197 a15199 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15200 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15201 a15204 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15205 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15206 a15207 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15208 a15209 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15210 a15212 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15215 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15216 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15217 a15221 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15222 a15224 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15225 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15226 a15239 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15240 a15241 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15242 a15243 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15244 a15245 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15246 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15247 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15248 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15249 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15250 a15251 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15252 a15253 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15254 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15255 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15256 a15257 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15258 a15259 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15260 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15261 a15266 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15267 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15268 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15269 a15270 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15271 a15272 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :15273 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15274 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15275 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15276 a15278 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15279 a15280 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da15282 a15283 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15286 a15287 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15288 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15289 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :15293 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15294 a15295 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :15296 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da15721 a15725 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da15901 a15905 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da15952 a15956 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da16401 a16414 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da16430 a16469 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :16473 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da16476 a16482 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da16516 a16547 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da16551 a16575 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da16580 a16581 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da16582 a16583 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da16585 a16592 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :da16594 a16596 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :16598 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :16600 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :16601 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :16602 Azione : Permantente solaio copertura 165 kg/mq-QV:unif - Qz - Area
			D3 :16603 Azione : Permantente solaio copertura impianti 445 kg/mq-QV:unif - Qz - Area
			D3 :da16604 a16605 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da16606 a16607 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da16777 a16812 Azione : Permantente terrazzo 190 kg/mq-QV:unif - Qz - Area
			D3 :da16813 a16818 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da16900 a16909 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da16979 a17031 Azione : Permantente gradini scala 200 kg/mq-QV:unif - Qz - Area
			D3 :da17033 a17041 Azione : Permantente solaio p1 - p2 250 kg/mq-QV:unif - Qz - Area
			D3 :da17263 a17281 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da17283 a17286 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da17288 a17291 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
			D3 :da17293 a17316 Azione : Permantente solaio controterra 395 kg/mq-QV:unif - Qz - Area
4	Gk	CDC=G2k (permanente tramezzi)	Azioni applicate:

CDC	Tipo	Sigla Id	Note
			D3 :da 1 a 28 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 31 a 46 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 49 a 135 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 138 a 294 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 353 a 355 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 360 a 362 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 367 a 435 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 439 a 441 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 444 a 445 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 449 a 450 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 459 a 503 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 720 a 750 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 752 a 762 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 764 a 771 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 773 a 791 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 819 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 821 a 1195 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 1198 a 1211 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 1228 a 1245 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 1248 a 1256 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 1259 a 1266 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 1268 a 1988 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 1990 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 1992 a 2026 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 2028 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 2030 a 2236 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 2238 a 2491 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 2493 a 2571 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 2573 a 2586 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 2588 a 3132 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3135 a 3147 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3149 a 3150 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3152 a 3165 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3167 a 3168 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3170 a 3331 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3333 a 3335 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3337 a 3341 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 3343 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3345 a 3449 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3451 a 3452 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 3454 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3456 a 3458 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3461 a 3464 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3466 a 3467 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3469 a 3759 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3762 a 3775 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3792 a 3809 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3812 a 3820 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3823 a 3830 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3832 a 3907 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 3910 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3912 a 3915 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3917 a 3922 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 3925 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3927 a 3928 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 3931 a 4063 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4065 a 4068 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4070 a 4140 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 4142 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4144 a 4173 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4178 a 4244 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4246 a 4556 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4558 a 4561 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4563 a 4574 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4576 a 4591 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4595 a 4596 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 4600 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4602 a 4607 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4609 a 4632 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4634 a 4636 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4640 a 4641 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 4646 a 4648 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4652 a 4655 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4658 a 4750 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4752 a 4776 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4778 a 4799 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4801 a 4802 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4804 a 4976 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4978 a 4984 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 4986 a 5033 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5035 a 5042 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5044 a 5051 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5053 a 5176 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5178 a 5179 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5181 a 5182 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5184 a 5185 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5187 a 5188 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5190 a 5191 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5193 a 5194 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5196 a 5197 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5199 a 5228 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5239 a 5244 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5261 a 5267 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5272 a 5316 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5319 a 5320 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5322 a 5436 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5439 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5441 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5444 a 5446 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5449 a 5450 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5454 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5456 a 5458 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5460 a 5461 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5464 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5469 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5474 a 5476 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5478 a 5482 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5484 a 5487 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5489 a 5502 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5504 a 5616 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5618 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5621 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5637 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5641 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5643 a 5645 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5663 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5689 a 5690 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5697 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5719 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5723 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5726 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5739 a 5740 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5755 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5763 a 5765 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5771 a 5772 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5774 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5779 a 5781 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5787 a 5790 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5795 a 5797 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5803 a 5806 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5808 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5811 a 5816 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5819 a 5823 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5825 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5827 a 5833 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5835 a 5840 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5843 a 5849 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5851 a 5872 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5875 a 5876 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5880 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5916 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5919 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 5924 a 5925 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5928 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 5953 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 5958 a 6190 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6194 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6196 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6198 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6200 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6202 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6204 a 6206 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6208 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6213 a 6214 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6216 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6227 a 6231 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6234 a 6250 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6256 a 6263 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6336 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6339 a 6341 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6348 a 6350 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6352 a 6355 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6358 a 6359 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6361 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6367 a 6374 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6411 a 6442 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6446 a 6454 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6458 a 6460 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6464 a 6466 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6471 a 6472 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6474 a 6475 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6477 a 6485 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6490 a 6493 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6495 a 6497 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6499 a 6504 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6507 a 6518 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6523 a 6525 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6527 a 6532 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6534 a 6537 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6539 a 6541 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6543 a 6548 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6551 a 6556 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6559 a 6560 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6563 a 6565 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6567 a 6568 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6571 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6575 a 6577 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6579 a 6580 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6585 a 6610 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6612 a 6615 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6618 a 6619 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6630 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6632 a 6635 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6639 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6642 a 6643 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6650 a 6651 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6716 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6718 a 6750 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6768 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6771 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6773 a 6929 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6932 a 6934 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6936 a 6937 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6940 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6942 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6947 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6950 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6952 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6954 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6957 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 6959 a 6962 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6969 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 6985 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 6988 a 7026 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7028 a 7029 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7032 a 7034 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7037 a 7047 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7072 a 7073 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7075 a 7081 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7083 a 7084 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7088 a 7109 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 7113 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 7117 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 7119 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 7121 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 7129 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7131 a 7162 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7165 a 7166 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7170 a 7341 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7343 a 7344 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 7347 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7349 a 7630 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7633 a 7634 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7636 a 7637 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7639 a 7941 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7950 a 7951 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7953 a 7954 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7959 a 7964 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 7968 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7971 a 7976 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 7980 a 8165 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8167 a 8171 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8193 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8197 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8205 a 8210 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8212 a 8214 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8216 a 8220 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8222 a 8233 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8235 a 8242 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8244 a 8250 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8253 a 8276 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8278 a 8285 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8287 a 8294 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8296 a 8351 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8365 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8380 a 8465 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8473 a 8474 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8477 a 8478 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8507 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8509 a 8513 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8515 a 8556 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8558 a 8562 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8565 a 8570 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8573 a 8578 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8581 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8583 a 8586 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8590 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8606 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8668 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8679 a 8680 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8685 a 8686 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8700 a 8702 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8704 a 8707 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8711 a 8712 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8716 a 8718 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8720 a 8723 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8725 a 8726 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8728 a 8729 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8731 a 8734 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8737 a 8741 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8743 a 8819 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8823 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8825 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8832 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 8835 a 8836 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8838 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8842 a 8850 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8853 a 8854 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8856 a 8868 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8870 a 8871 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8873 a 8876 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8878 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8880 a 8881 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8883 a 8886 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8888 a 8889 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8892 a 8895 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8898 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8903 a 8905 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8912 a 8917 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8922 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 8925 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 8931 a 8947 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9031 a 9032 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9039 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9067 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9172 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9178 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9185 a 9186 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9194 a 9197 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9199 a 9200 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9261 a 9268 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9377 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9383 a 9386 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9388 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9390 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9393 a 9394 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9396 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9401 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9403 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9405 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9440 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9460 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9473 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9491 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9501 a 9502 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9698 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9700 a 9702 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9704 a 9705 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9708 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9711 a 9717 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9719 a 9721 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9727 a 9728 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9730 a 9734 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9738 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9741 a 9745 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9748 a 9749 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9752 a 9753 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9755 a 9757 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9760 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9762 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9764 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9766 a 9768 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9771 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9773 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 : 9775 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9777 a 9778 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9784 a 9821 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9823 a 9824 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9826 a 9827 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9829 a 9830 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9832 a 9833 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9835 a 9836 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9838 a 9839 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9841 a 9842 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9844 a 9873 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 : 9875 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9886 a 9893 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da 9895 a10077 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10079 a10095 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10097 a10118 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10120 a10123 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10126 a10213 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10215 a10222 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10225 a10227 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10230 a10232 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10235 a10239 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10278 a10281 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10283 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10285 a10288 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10290 a10297 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10301 a10305 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10309 a10313 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10315 a10336 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10338 a10344 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10346 a10349 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10351 a10353 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10355 a10360 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10363 a10368 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10370 a10376 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10378 a10383 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10386 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10388 a10391 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10393 a10453 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10455 a10462 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10464 a10496 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10519 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10530 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10541 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10546 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10548 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10552 a10558 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10565 a10566 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10571 a10575 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10578 a10804 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10810 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10812 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10815 a10817 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da10824 a10831 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10834 a10836 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10843 a10874 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10878 a10882 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10896 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10907 a10924 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10928 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10930 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10932 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10950 a10951 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10956 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10969 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :10984 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da10996 a11023 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11025 a11026 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11041 a11190 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11192 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11194 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11196 a11197 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11201 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11219 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11236 a11238 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11240 a11253 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11256 a11257 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11260 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11262 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11264 a11265 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11268 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11270 a11271 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11274 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11281 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11283 a11284 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11287 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11289 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11293 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11308 a11309 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11316 a11317 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11320 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11323 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11327 a11340 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11342 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11344 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11346 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11348 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11398 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11411 a11520 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11857 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11861 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11871 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11873 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :11875 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11877 a11878 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz -

CDC	Tipo	Sigla Id	Note
			Area
			D3 :da11881 a11884 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11889 a11891 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da11895 a12521 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da12523 a12678 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da12680 a12694 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da12696 a12700 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da12702 a12856 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da12858 a12872 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :12874 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da12995 a13014 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da13423 a13435 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :13438 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da13440 a13472 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da13474 a13476 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da13478 a13528 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :13530 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da14794 a14795 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :14809 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :14828 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da14861 a14863 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :14869 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :14873 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da14911 a14913 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :14929 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da14965 a14969 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da14971 a14981 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15010 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15013 a15015 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15017 a15025 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15177 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15179 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15185 a15186 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15188 a15191 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15193 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15197 a15199 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15201 a15204 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15206 a15207 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15210 a15212 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15215 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15217 a15221 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15225 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15240 a15241 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15244 a15245 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz -

CDC	Tipo	Sigla Id	Note
			Area
			D3 :15247 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15249 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15252 a15253 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15255 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15258 a15259 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15261 a15266 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15268 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15271 a15272 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15274 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15276 a15278 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15282 a15283 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da15286 a15287 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15289 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15293 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :15296 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da16580 a16583 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da16594 a16596 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :16598 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da16604 a16607 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da16900 a16909 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da17033 a17041 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da17263 a17281 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da17283 a17286 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da17288 a17291 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
			D3 :da17293 a17316 Azione : Permantente tramezzi 80 kg/mq-QV:unif - Qz - Area
5	Qk	CDC=Qk (variabile soletta)	Azioni applicate:
			D3 :da 1 a 28 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 31 a 46 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 49 a 135 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 138 a 294 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 353 a 355 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 360 a 362 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 367 a 435 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 439 a 441 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 444 a 445 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 449 a 450 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 459 a 503 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 720 a 750 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 752 a 762 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 764 a 771 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 773 a 791 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 819 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 821 a 1195 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 1198 a 1211 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 1228 a 1245 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 1248 a 1256 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 1259 a 1266 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 1268 a 1988 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 1990 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 1992 a 2026 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 2028 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 2030 a 2236 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 2238 a 2491 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 2493 a 2571 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 2573 a 2586 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 2588 a 3132 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3135 a 3147 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3149 a 3150 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3152 a 3165 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3167 a 3168 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3170 a 3331 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3333 a 3335 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3337 a 3341 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 3343 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3345 a 3449 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3451 a 3452 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 3454 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3456 a 3458 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3461 a 3464 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3466 a 3467 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3469 a 3759 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3762 a 3775 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3792 a 3809 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3812 a 3820 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3823 a 3830 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3832 a 3907 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 3910 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3912 a 3915 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3917 a 3922 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 3925 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3927 a 3928 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 3931 a 4063 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4065 a 4068 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4070 a 4140 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 4142 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4144 a 4173 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4178 a 4244 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4246 a 4556 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4558 a 4561 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4563 a 4574 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4576 a 4591 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4595 a 4596 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 4600 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4602 a 4607 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4609 a 4632 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4634 a 4636 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4640 a 4641 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4646 a 4648 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4652 a 4655 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4658 a 4750 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4752 a 4776 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4778 a 4799 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4801 a 4802 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4804 a 4976 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4978 a 4984 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 4986 a 5033 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5035 a 5042 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5044 a 5051 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5053 a 5139 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5140 a 5176 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5178 a 5179 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5181 a 5182 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5184 a 5185 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5187 a 5188 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5190 a 5191 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5193 a 5194 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5196 a 5197 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5199 a 5228 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5239 a 5244 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5261 a 5267 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5272 a 5313 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5314 a 5316 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5319 a 5320 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5322 a 5401 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5402 a 5436 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5439 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 : 5441 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5444 a 5446 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5449 a 5450 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5454 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5456 a 5458 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5460 a 5461 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5464 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5469 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5474 a 5476 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5478 a 5482 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5484 a 5487 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5489 a 5502 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5504 a 5616 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5618 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5621 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5637 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5641 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5643 a 5645 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5663 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5689 a 5690 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5697 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5719 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5723 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5726 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5739 a 5740 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5755 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5763 a 5765 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5771 a 5772 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5774 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5779 a 5781 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5787 a 5790 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5795 a 5797 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5803 a 5806 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5808 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5811 a 5816 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5819 a 5823 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5825 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5827 a 5833 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5835 a 5840 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5843 a 5849 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5851 a 5872 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5875 a 5876 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5880 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5916 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5919 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5924 a 5925 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5928 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 5953 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 5958 a 6020 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6021 a 6024 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6025 a 6101 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6102 a 6104 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6105 a 6122 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6123 a 6124 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6125 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6126 a 6128 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6129 a 6131 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6132 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6133 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6134 a 6138 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6139 a 6158 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6159 a 6190 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6194 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6196 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6198 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6200 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6202 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6204 a 6206 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6208 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6213 a 6214 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6216 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

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			D3 :da 6227 a 6231 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6234 a 6250 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6256 a 6263 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6336 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6339 a 6341 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6348 a 6350 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6352 a 6355 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6358 a 6359 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6361 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6367 a 6374 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6411 a 6442 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6446 a 6454 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6458 a 6460 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6464 a 6466 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6471 a 6472 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6474 a 6475 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6477 a 6485 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6490 a 6493 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6495 a 6497 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6499 a 6504 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6507 a 6518 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6523 a 6525 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6527 a 6532 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6534 a 6537 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6539 a 6541 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6543 a 6548 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6551 a 6556 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6559 a 6560 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6563 a 6565 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6567 a 6568 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6571 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6575 a 6577 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6579 a 6580 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6585 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6586 a 6610 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6612 a 6613 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6614 a 6615 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6618 a 6619 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6630 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6632 a 6635 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6639 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6642 a 6643 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6650 a 6651 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6716 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6718 a 6724 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6725 a 6731 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6732 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6733 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6734 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6735 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6736 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6737 a 6739 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6740 a 6750 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6768 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6771 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6773 a 6915 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6916 a 6929 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6932 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6933 a 6934 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6936 a 6937 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6940 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6942 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6947 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6950 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6952 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6954 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6957 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6959 a 6962 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6969 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 6985 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 6988 a 6991 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 6992 a 7026 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7028 a 7029 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7032 a 7034 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7037 a 7047 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7072 a 7073 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 7075 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7076 a 7081 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7083 a 7084 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7088 a 7109 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7113 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7117 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7119 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7121 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7129 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7131 a 7138 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7139 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7140 a 7161 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7162 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7165 a 7166 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 7170 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7171 a 7177 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7178 a 7225 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7226 a 7227 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7228 a 7233 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7234 a 7237 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7238 a 7249 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7250 a 7265 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7266 a 7267 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7268 a 7269 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7270 a 7287 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7288 a 7295 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7296 a 7303 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7304 a 7307 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7308 a 7311 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7312 a 7318 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7319 a 7322 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7323 a 7341 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7343 a 7344 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7347 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7349 a 7356 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7357 a 7360 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7361 a 7372 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7373 a 7376 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7377 a 7388 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7389 a 7392 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7393 a 7410 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7411 a 7416 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7417 a 7429 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7430 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 7431 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7432 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7433 a 7630 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7633 a 7634 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 7636 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7637 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7639 a 7941 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7950 a 7951 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7953 a 7954 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7959 a 7964 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 7968 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7971 a 7976 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 7980 a 8165 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8167 a 8171 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8193 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8197 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8205 a 8210 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8212 a 8214 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8216 a 8220 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8222 a 8233 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8235 a 8242 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8244 a 8250 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 8253 a 8276 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8278 a 8285 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8287 a 8294 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8296 a 8351 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8365 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8380 a 8465 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8473 a 8474 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8477 a 8478 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8507 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8509 a 8513 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8515 a 8556 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8558 a 8559 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8560 a 8561 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8562 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8565 a 8568 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8569 a 8570 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8573 a 8576 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8577 a 8578 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8581 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8583 a 8585 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8586 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8590 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8606 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8668 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8679 a 8680 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8685 a 8686 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8700 a 8702 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8704 a 8707 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8711 a 8712 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8716 a 8718 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8720 a 8723 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8725 a 8726 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8728 a 8729 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8731 a 8734 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8737 a 8741 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8743 a 8819 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8823 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8825 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8832 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8835 a 8836 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8838 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8842 a 8850 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8853 a 8854 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8856 a 8868 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8870 a 8871 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8873 a 8876 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8878 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8880 a 8881 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8883 a 8886 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8888 a 8889 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8892 a 8895 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8898 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8903 a 8905 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8912 a 8917 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8922 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 8925 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 8931 a 8938 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8939 a 8947 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9031 a 9032 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9039 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9067 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9172 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9178 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9185 a 9186 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9194 a 9197 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9199 a 9200 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9261 a 9268 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9377 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9383 a 9386 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9388 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9390 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 9393 a 9394 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9396 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9401 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9403 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9405 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9440 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9460 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9473 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9491 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9501 a 9502 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9698 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9700 a 9702 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9704 a 9705 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9708 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9711 a 9717 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9719 a 9721 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9727 a 9728 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9730 a 9734 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9738 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9741 a 9745 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9748 a 9749 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9752 a 9753 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9755 a 9757 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9760 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9762 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9764 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9766 a 9768 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9771 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9773 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9775 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9777 a 9778 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9784 a 9821 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9822 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9823 a 9824 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9825 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9826 a 9827 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9828 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9829 a 9830 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9831 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9832 a 9833 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9834 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9835 a 9836 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9837 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9838 a 9839 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9840 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9841 a 9842 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9843 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9844 a 9873 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 : 9875 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9886 a 9889 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9890 a 9893 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9895 a 9905 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9906 a 9912 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da 9913 a 9916 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9917 a10077 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10079 a10095 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10097 a10118 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10120 a10123 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10126 a10213 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10215 a10222 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10225 a10227 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10230 a10232 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10235 a10239 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10278 a10281 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10282 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10283 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10285 a10288 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10290 a10297 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10301 a10305 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10309 a10313 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10315 a10336 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da10338 a10344 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10346 a10349 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10351 a10353 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10355 a10360 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10363 a10368 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10370 a10376 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10378 a10383 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10386 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10388 a10391 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10393 a10453 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10455 a10462 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10464 a10496 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10519 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10530 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10541 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10546 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10548 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10552 a10558 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10565 a10566 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10571 a10575 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10578 a10804 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10810 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10811 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10812 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10815 a10817 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10824 a10831 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10834 a10836 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10843 a10874 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10878 a10882 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10896 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10907 a10924 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10928 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10930 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10932 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10950 a10951 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10956 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10969 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :10984 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da10996 a11023 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11025 a11026 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11041 a11190 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11192 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11194 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11196 a11197 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11201 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11219 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11236 a11238 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11240 a11253 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11256 a11257 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11260 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11262 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11264 a11265 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11268 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11270 a11271 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11274 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11281 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11283 a11284 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11287 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11289 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11293 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11308 a11309 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11316 a11317 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11320 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11323 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11327 a11340 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11342 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11344 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11346 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11348 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11398 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11411 a11520 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :11857 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11861 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11871 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11873 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11875 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11877 a11878 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11881 a11884 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11889 a11891 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :11895 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11896 a11907 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11908 a11913 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da11914 a11915 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11916 a12235 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12236 a12237 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da12238 a12251 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12252 a12359 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :12360 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12361 a12384 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da12385 a12521 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12523 a12637 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12638 a12674 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da12675 a12678 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12680 a12694 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12696 a12700 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12702 a12856 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12858 a12872 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :12874 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da12995 a13014 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da13423 a13435 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :13438 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da13440 a13472 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da13474 a13476 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da13478 a13528 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :13530 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da14794 a14795 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :14809 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :14828 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da14861 a14863 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :14869 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :14873 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da14911 a14913 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :14929 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da14965 a14969 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da14971 a14981 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15010 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15013 a15015 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15017 a15025 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15177 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15179 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15185 a15186 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15188 a15191 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15193 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15197 a15199 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15201 a15204 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15206 a15207 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15210 a15212 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15215 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15217 a15221 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15225 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15240 a15241 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15244 a15245 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15247 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15249 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15252 a15253 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15255 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da15258 a15259 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15261 a15266 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15268 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15271 a15272 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15274 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15276 a15278 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15282 a15283 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da15286 a15287 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15289 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15293 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :15296 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :16402 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :16473 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da16476 a16482 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da16551 a16575 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da16580 a16581 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da16582 a16583 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da16594 a16596 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :16598 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da16604 a16605 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da16606 a16607 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da16900 a16909 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da16979 a17031 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da17033 a17041 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da17263 a17281 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da17283 a17286 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da17288 a17291 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
			D3 :da17293 a17316 Azione : Variabile 300 kg/mq-QV:unif - Qz - Area
6	Qk	CDC=Qk (variabile terrazzo)	Azioni applicate:
			D3 :da 5229 a 5238 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5437 a 5438 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5440 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5442 a 5443 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5447 a 5448 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5451 a 5453 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5455 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5459 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5462 a 5463 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5465 a 5468 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5470 a 5473 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5477 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5483 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5488 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5503 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5617 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5619 a 5620 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5622 a 5636 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5638 a 5640 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5642 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5648 a 5662 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5664 a 5688 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5691 a 5696 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5698 a 5712 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5714 a 5718 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5720 a 5722 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5724 a 5725 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5727 a 5738 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5741 a 5754 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5756 a 5762 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5766 a 5770 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5773 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5775 a 5778 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5782 a 5786 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5791 a 5794 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5798 a 5802 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5807 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 5809 a 5810 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5817 a 5818 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5824 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5826 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5834 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5841 a 5842 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5850 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5873 a 5874 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5877 a 5879 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5881 a 5889 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5891 a 5895 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5898 a 5908 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5910 a 5914 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5917 a 5918 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5921 a 5922 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5926 a 5927 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5929 a 5936 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5939 a 5952 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 5954 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 5956 a 5957 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6347 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6360 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6362 a 6366 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6489 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6494 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6498 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6505 a 6506 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6519 a 6522 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6526 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6533 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6538 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6542 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6549 a 6550 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6557 a 6558 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6562 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6566 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6570 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6574 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6578 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6582 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6611 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6616 a 6617 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6620 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6623 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6631 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6661 a 6667 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6669 a 6715 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6717 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6751 a 6761 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6770 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6772 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6930 a 6931 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6935 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6938 a 6939 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6943 a 6945 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6948 a 6949 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6951 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 6953 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6963 a 6965 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6967 a 6968 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6970 a 6984 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 6986 a 6987 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7027 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7030 a 7031 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7035 a 7036 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7048 a 7071 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7074 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7082 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7085 a 7087 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7110 a 7112 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7114 a 7116 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 : 7120 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7122 a 7128 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7130 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7163 a 7164 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7167 a 7169 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7342 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7345 a 7346 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7348 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7631 a 7632 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7635 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7638 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7942 a 7949 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 7952 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7955 a 7958 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7965 a 7967 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7969 a 7970 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 7977 a 7979 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8166 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8172 a 8192 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8194 a 8196 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8198 a 8204 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8211 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8215 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8221 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8352 a 8363 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8366 a 8379 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8466 a 8472 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8475 a 8476 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8479 a 8506 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8508 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8514 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8557 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8563 a 8564 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8571 a 8572 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8579 a 8580 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8582 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8587 a 8589 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8591 a 8605 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8607 a 8615 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8617 a 8667 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8669 a 8678 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8681 a 8684 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8687 a 8699 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8703 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8708 a 8710 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8713 a 8715 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8719 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8724 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8727 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8730 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8735 a 8736 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8742 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8820 a 8822 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8824 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8826 a 8831 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8833 a 8834 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8837 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8839 a 8841 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8851 a 8852 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8855 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8869 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8872 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8877 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8879 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8882 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8887 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8890 a 8891 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8896 a 8897 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 8911 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8923 a 8924 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 8926 a 8930 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 :da 8975 a 9030 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9033 a 9038 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9040 a 9045 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9047 a 9050 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9052 a 9058 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9060 a 9066 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9068 a 9171 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9173 a 9177 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9179 a 9184 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9187 a 9193 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9198 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9201 a 9206 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9209 a 9260 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9269 a 9273 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9275 a 9276 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9278 a 9317 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9319 a 9376 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9378 a 9382 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9387 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9389 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9391 a 9392 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9395 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9397 a 9400 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9402 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9404 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9406 a 9439 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9441 a 9457 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9459 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9461 a 9472 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9474 a 9490 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9492 a 9500 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9503 a 9697 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9699 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9703 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9706 a 9707 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9709 a 9710 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9718 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9722 a 9726 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9729 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9735 a 9737 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9739 a 9740 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9746 a 9747 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9750 a 9751 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9754 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9758 a 9759 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9761 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9763 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9765 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9769 a 9770 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9772 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9774 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9776 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9779 a 9783 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 : 9874 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da 9876 a 9885 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10096 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10240 a10277 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10308 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10314 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10337 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10350 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10497 a10518 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10520 a10524 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10526 a10529 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10531 a10540 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10542 a10545 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz -

CDC	Tipo	Sigla Id	Note
			Area
			D3 :10547 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10549 a10551 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10559 a10564 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10567 a10570 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10576 a10577 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10805 a10809 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10823 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10838 a10842 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10875 a10877 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10883 a10895 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10897 a10906 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10925 a10927 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10929 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :10931 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10933 a10949 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10952 a10955 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10957 a10968 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10970 a10983 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da10985 a10995 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11024 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11027 a11040 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11191 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11193 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11195 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11198 a11200 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11202 a11218 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11220 a11235 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11239 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11254 a11255 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11258 a11259 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11261 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11263 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11266 a11267 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11269 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11272 a11273 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11275 a11280 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11282 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11285 a11286 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11288 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11290 a11292 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11294 a11307 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11310 a11315 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11318 a11319 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz -

CDC	Tipo	Sigla Id	Note
			Area
			D3 :da11321 a11322 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11324 a11326 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11341 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11343 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11345 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11347 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11349 a11397 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11399 a11410 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11521 a11856 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11858 a11860 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11862 a11870 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11872 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11874 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :11876 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11879 a11880 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11885 a11888 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :da11892 a11894 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :12695 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :13529 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
			D3 :13531 Azione : Variabile affollamento 400 kg/mq-QV:unif - Qz - Area
7	Qk	CDC=Qk (variabile neve)	Azioni applicate:
			D3 :da 295 a 352 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 356 a 359 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 363 a 366 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 454 a 458 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 504 a 719 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 751 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 763 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 792 a 818 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 820 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 1212 a 1217 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 1219 a 1227 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 2492 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3332 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3336 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3344 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3450 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3453 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3455 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 3459 a 3460 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3465 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3468 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 3776 a 3781 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 3783 a 3791 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 3908 a 3909 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3911 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3916 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 3923 a 3924 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 3926 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 3929 a 3930 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4064 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4069 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4141 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4143 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 4174 a 4177 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4557 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4562 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4575 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 4592 a 4594 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 4597 a 4599 Azione : Neve 122 kg/mq-QV:unif - Qz - Area

CDC	Tipo	Sigla Id	Note
			D3 : 4601 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4608 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4633 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 4637 a 4639 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 4642 a 4645 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 4649 a 4651 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 4656 a 4657 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4751 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4777 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4800 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4803 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 4985 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 5034 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 5052 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5229 a 5238 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5317 a 5318 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 5321 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5437 a 5438 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5440 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5442 a 5443 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5447 a 5448 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5451 a 5453 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5455 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5459 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5462 a 5463 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5465 a 5468 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5470 a 5473 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5477 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5483 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5488 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5503 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5617 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5619 a 5620 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5622 a 5636 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5638 a 5640 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5642 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5647 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5648 a 5650 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5651 a 5654 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5655 a 5658 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5659 a 5662 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5664 a 5666 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5667 a 5671 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5672 a 5674 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5675 a 5679 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5680 a 5682 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5683 a 5688 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5691 a 5696 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5698 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5699 a 5705 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5706 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5707 a 5712 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5713 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 5714 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5715 a 5718 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5720 a 5722 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5724 a 5725 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5727 a 5728 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5729 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5730 a 5737 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5738 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5741 a 5745 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5746 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5747 a 5753 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5754 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5756 a 5761 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5762 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5766 a 5769 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5770 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5773 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5775 a 5778 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area

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			D3 :da 5782 a 5786 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5791 a 5794 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5798 a 5802 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5807 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5809 a 5810 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5817 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5818 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5824 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5826 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5834 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5841 a 5842 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5850 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5873 a 5874 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5877 a 5879 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5881 a 5889 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5890 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5891 a 5895 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5896 a 5897 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5898 a 5908 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5909 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5910 a 5914 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5915 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5917 a 5918 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5920 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5921 a 5922 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 5923 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5926 a 5927 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5929 a 5936 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5937 a 5938 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5939 a 5943 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5944 a 5945 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5946 a 5949 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 5950 a 5952 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5954 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 5955 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 5956 a 5957 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6191 a 6193 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6195 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6197 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6199 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6201 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6203 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6207 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6209 a 6212 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6215 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6217 a 6226 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6251 a 6255 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6264 a 6334 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6347 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 6360 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6362 a 6366 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6375 a 6410 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6443 a 6445 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6455 a 6457 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6461 a 6463 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6467 a 6470 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6489 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6494 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6498 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6505 a 6506 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6519 a 6522 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6526 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6533 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6538 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6542 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6549 a 6550 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6557 a 6558 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6562 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6566 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6570 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6574 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area

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			D3 : 6578 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6582 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6611 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6616 a 6617 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6620 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6621 a 6622 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6623 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6625 a 6628 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6631 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6640 a 6641 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6644 a 6649 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6653 a 6657 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6659 a 6660 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 6661 a 6667 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6669 a 6715 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6717 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6751 a 6761 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6762 a 6767 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 6770 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6772 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6930 a 6931 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6935 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6938 a 6939 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6943 a 6945 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6948 a 6949 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6951 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 6953 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6963 a 6965 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6967 a 6968 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6970 a 6984 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 6986 a 6987 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7027 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7030 a 7031 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7035 a 7036 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7048 a 7071 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7074 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7082 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7085 a 7087 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7110 a 7112 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7114 a 7116 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7120 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7122 a 7128 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7130 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7163 a 7164 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7167 a 7169 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7342 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7345 a 7346 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7348 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7631 a 7632 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7635 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7638 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7942 a 7949 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 7952 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7955 a 7958 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7965 a 7967 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7969 a 7970 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 7977 a 7979 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8166 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8172 a 8192 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8194 a 8196 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8198 a 8204 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8211 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8215 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8221 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8352 a 8363 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 8364 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 8366 a 8379 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8466 a 8471 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8472 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8475 a 8476 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8479 a 8506 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area

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			D3 : 8508 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8514 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8557 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8563 a 8564 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8571 a 8572 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8579 a 8580 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 8582 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8587 a 8589 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8591 a 8595 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8596 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8597 a 8600 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8601 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8602 a 8605 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8607 a 8615 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8616 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 8617 a 8667 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8669 a 8678 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8681 a 8684 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8687 a 8699 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8703 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8708 a 8710 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8713 a 8715 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8719 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8724 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8727 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8730 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8735 a 8736 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8742 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8820 a 8822 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8824 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8826 a 8831 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8833 a 8834 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8837 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8839 a 8841 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8851 a 8852 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8855 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8869 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8872 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8877 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8879 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8882 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8887 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8890 a 8891 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8896 a 8897 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 8911 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8923 a 8924 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 8926 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8927 a 8930 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8948 a 8974 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 8975 a 8988 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 8989 a 9030 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9033 a 9038 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9040 a 9045 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9046 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 9047 a 9050 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9051 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 9052 a 9058 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9059 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 9060 a 9066 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9068 a 9171 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9173 a 9177 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9179 a 9184 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9187 a 9193 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9198 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9201 a 9206 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9207 a 9208 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 9209 a 9260 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9269 a 9273 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9274 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 9275 a 9276 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9277 Azione : Neve 122 kg/mq-QV:unif - Qz - Area

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			D3 :da 9278 a 9281 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9282 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9283 a 9317 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9318 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da 9319 a 9376 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9378 a 9382 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9387 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9389 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9391 a 9392 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9395 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9397 a 9400 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9402 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9404 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9406 a 9439 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9441 a 9457 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9458 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 : 9459 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9461 a 9472 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9474 a 9490 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9492 a 9500 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9503 a 9697 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9699 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9703 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9706 a 9707 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9709 a 9710 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9718 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9722 a 9726 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9729 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9735 a 9737 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9739 a 9740 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9746 a 9747 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9750 a 9751 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 9754 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9758 a 9759 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 9761 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 9763 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 9765 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9769 a 9770 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 9772 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 9774 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9776 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9779 a 9781 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 9782 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 : 9783 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 : 9874 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da 9876 a 9885 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10096 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10240 a10277 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10308 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10314 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10337 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10350 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10497 a10518 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10520 a10524 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10526 a10529 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10531 a10540 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10542 a10545 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10547 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10549 a10551 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10559 a10564 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10567 a10570 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10576 a10577 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10805 a10809 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10823 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10838 a10842 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10875 a10877 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10883 a10895 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10897 a10906 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10925 a10927 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10929 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :10931 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area

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			D3 :da10933 a10949 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10952 a10955 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10957 a10968 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10970 a10983 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da10985 a10995 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11024 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11027 a11040 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11191 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11193 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11195 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11198 a11200 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11202 a11218 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11220 a11235 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11239 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11254 a11255 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11258 a11259 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11261 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11263 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11266 a11267 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11269 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11272 a11273 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11275 a11280 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11282 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11285 a11286 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11288 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11290 a11292 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11294 a11307 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11310 a11315 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11318 a11319 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11321 a11322 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11324 a11326 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11341 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11343 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11345 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11347 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11349 a11397 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11399 a11410 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11521 a11856 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11858 a11860 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11862 a11870 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11872 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11874 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :11876 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11879 a11880 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11885 a11888 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da11892 a11894 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :12695 Azione : Neve accumulo2 460 kg/mq-QV:var y - Qz - Area
			D3 :da12875 a12994 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da13015 a13219 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da13221 a13422 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :13529 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :13531 Azione : Neve accumulo1 460 kg/mq-QV:var y - Qz - Area
			D3 :da13532 a13566 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da13568 a13689 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da13691 a13726 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da13729 a13730 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da13732 a14104 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14106 a14109 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14112 a14199 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14201 a14208 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14211 a14213 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14216 a14218 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14221 a14225 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14227 a14269 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14271 a14274 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14276 a14330 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14332 a14339 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14341 a14346 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14349 a14354 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14356 a14362 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14364 a14369 Azione : Neve 122 kg/mq-QV:unif - Qz - Area

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			D3 :14372 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14374 a14377 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14379 a14439 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14441 a14448 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14450 a14510 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14512 a14793 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14796 a14798 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14801 a14808 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14810 a14817 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14820 a14822 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14824 a14827 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14829 a14860 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14864 a14868 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14871 a14872 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14874 a14910 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14914 a14928 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14930 a14963 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :14970 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da14982 a15009 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15011 a15012 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15027 a15176 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15178 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15180 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15182 a15183 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15187 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15195 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15200 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15205 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15208 a15209 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15216 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15222 a15224 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15226 a15239 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15242 a15243 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15246 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15248 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15250 a15251 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15254 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15256 a15257 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15260 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15267 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15269 a15270 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15273 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15275 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15279 a15280 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :15288 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da15294 a15295 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da16585 a16592 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
			D3 :da16600 a16603 Azione : Neve 122 kg/mq-QV:unif - Qz - Area
8	Qtk	CDC=Qtk (carico termico) dT= 15.00	variazione termica:15.00
9	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G2pk (permanente pannelli n.c.d.)
			partecipazione:1.00 per 3 CDC=G1k (permanente soletta)
			partecipazione:1.00 per 4 CDC=G2k (permanente tramezzi)
			partecipazione:0.60 per 5 CDC=Qk (variabile soletta)
			partecipazione:0.60 per 6 CDC=Qk (variabile terrazzo)
10	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
11	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
12	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
13	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	come precedente CDC sismico
14	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	come precedente CDC sismico
15	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	come precedente CDC sismico
16	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	come precedente CDC sismico
17	Edk	CDC=Ed (dinamico SLU) verticale	come precedente CDC sismico

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.
Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

***Combinazione fondamentale** SLU*

$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \ldots$

***Combinazione caratteristica** (rara) SLE*

$G_1 + G_2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

***Combinazione frequente** SLE*

$G_1 + G_2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione quasi permanente** SLE*

$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione sismica**, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E*

$E + G_1 + G_2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$

***Combinazione eccezionale**, impiegata per gli stati limite connessi alle azioni eccezionali*

$G_1 + G_2 + Ad + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	***ψ0***	***ψ1***	***ψ2***
Categoria A residenziali	*0,70*	*0,50*	*0,30*
Categoria B uffici	*0,70*	*0,50*	*0,30*
Categoria C ambienti suscettibili di affollamento	*0,70*	*0,70*	*0,60*
Categoria D ambienti ad uso commerciale	*0,70*	*0,70*	*0,60*
Categoria E biblioteche, archivi, magazzini,…	*1,00*	*0,90*	*0,80*
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	*0,70*	*0,70*	*0,60*
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	*0,70*	*0,50*	*0,30*
Categoria H Coperture	*0,00*	*0,00*	*0,00*
Vento	*0,60*	*0,20*	*0,00*
Neve a quota <= 1000 m	*0,50*	*0,20*	*0,00*
Neve a quota > 1000 m	*0,70*	*0,50*	*0,20*
Variazioni Termiche	*0,60*	*0,50*	*0,00*

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:
- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

		Coefficiente γf	***EQU***	***A1***	***A2***
Carichi permanenti	*Favorevoli* *Sfavorevoli*	*γG1*	*0,9* *1,1*	*1,0* *1,3*	*1,0* *1,0*
Carichi permanenti non strutturali *(Non compiutamente definiti)*	*Favorevoli* *Sfavorevoli*	*γG2*	*0,8* *1,5*	*0,8* *1,5*	*0,8* *1,3*
Carichi variabili	*Favorevoli* *Sfavorevoli*	*γQi*	*0,0* *1,5*	*0,0* *1,5*	*0,0* *1,3*

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	

Cmb	Tipo	Sigla Id	effetto P-delta
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 15	
16	SLU	Comb. SLU A1 16	
17	SLU	Comb. SLU A1 17	
18	SLU	Comb. SLU A1 18	
19	SLU	Comb. SLU A1 19	
20	SLU	Comb. SLU A1 20	
21	SLU	Comb. SLU A1 21	
22	SLU	Comb. SLU A1 22	
23	SLU	Comb. SLU A1 23	
24	SLU	Comb. SLU A1 24	
25	SLU	Comb. SLU A1 25	
26	SLU	Comb. SLU A1 26	
27	SLU	Comb. SLU A1 27	
28	SLU	Comb. SLU A1 28	
29	SLU	Comb. SLU A1 29	
30	SLU	Comb. SLU A1 30	
31	SLU	Comb. SLU A1 31	
32	SLU	Comb. SLU A1 32	
33	SLU	Comb. SLU A1 33	
34	SLU	Comb. SLU A1 34	
35	SLU	Comb. SLU A1 35	
36	SLU	Comb. SLU A1 36	
37	SLU	Comb. SLU A1 37	
38	SLU	Comb. SLU A1 38	
39	SLU	Comb. SLU A1 39	
40	SLU	Comb. SLU A1 40	
41	SLU	Comb. SLU A1 41	
42	SLU	Comb. SLU A1 42	
43	SLU	Comb. SLU A1 43	
44	SLU	Comb. SLU A1 44	
45	SLU	Comb. SLU A1 (SLV sism.) 45	
46	SLU	Comb. SLU A1 (SLV sism.) 46	
47	SLU	Comb. SLU A1 (SLV sism.) 47	
48	SLU	Comb. SLU A1 (SLV sism.) 48	
49	SLU	Comb. SLU A1 (SLV sism.) 49	
50	SLU	Comb. SLU A1 (SLV sism.) 50	
51	SLU	Comb. SLU A1 (SLV sism.) 51	
52	SLU	Comb. SLU A1 (SLV sism.) 52	
53	SLU	Comb. SLU A1 (SLV sism.) 53	
54	SLU	Comb. SLU A1 (SLV sism.) 54	
55	SLU	Comb. SLU A1 (SLV sism.) 55	
56	SLU	Comb. SLU A1 (SLV sism.) 56	
57	SLU	Comb. SLU A1 (SLV sism.) 57	
58	SLU	Comb. SLU A1 (SLV sism.) 58	
59	SLU	Comb. SLU A1 (SLV sism.) 59	
60	SLU	Comb. SLU A1 (SLV sism.) 60	
61	SLU	Comb. SLU A1 (SLV sism.) 61	
62	SLU	Comb. SLU A1 (SLV sism.) 62	
63	SLU	Comb. SLU A1 (SLV sism.) 63	
64	SLU	Comb. SLU A1 (SLV sism.) 64	
65	SLU	Comb. SLU A1 (SLV sism.) 65	
66	SLU	Comb. SLU A1 (SLV sism.) 66	
67	SLU	Comb. SLU A1 (SLV sism.) 67	
68	SLU	Comb. SLU A1 (SLV sism.) 68	
69	SLU	Comb. SLU A1 (SLV sism.) 69	
70	SLU	Comb. SLU A1 (SLV sism.) 70	
71	SLU	Comb. SLU A1 (SLV sism.) 71	
72	SLU	Comb. SLU A1 (SLV sism.) 72	
73	SLU	Comb. SLU A1 (SLV sism.) 73	
74	SLU	Comb. SLU A1 (SLV sism.) 74	
75	SLU	Comb. SLU A1 (SLV sism.) 75	
76	SLU	Comb. SLU A1 (SLV sism.) 76	

Cmb	Tipo	Sigla Id	effetto P-delta
77	SLU	Comb. SLU A1 (SLV sism.) 77	
78	SLU	Comb. SLU A1 (SLV sism.) 78	
79	SLU	Comb. SLU A1 (SLV sism.) 79	
80	SLU	Comb. SLU A1 (SLV sism.) 80	
81	SLU	Comb. SLU A1 (SLV sism.) 81	
82	SLU	Comb. SLU A1 (SLV sism.) 82	
83	SLU	Comb. SLU A1 (SLV sism.) 83	
84	SLU	Comb. SLU A1 (SLV sism.) 84	
85	SLU	Comb. SLU A1 (SLV sism.) 85	
86	SLU	Comb. SLU A1 (SLV sism.) 86	
87	SLU	Comb. SLU A1 (SLV sism.) 87	
88	SLU	Comb. SLU A1 (SLV sism.) 88	
89	SLU	Comb. SLU A1 (SLV sism.) 89	
90	SLU	Comb. SLU A1 (SLV sism.) 90	
91	SLU	Comb. SLU A1 (SLV sism.) 91	
92	SLU	Comb. SLU A1 (SLV sism.) 92	
93	SLU	Comb. SLU A1 (SLV sism.) 93	
94	SLU	Comb. SLU A1 (SLV sism.) 94	
95	SLU	Comb. SLU A1 (SLV sism.) 95	
96	SLU	Comb. SLU A1 (SLV sism.) 96	
97	SLU	Comb. SLU A1 (SLV sism.) 97	
98	SLU	Comb. SLU A1 (SLV sism.) 98	
99	SLU	Comb. SLU A1 (SLV sism.) 99	
100	SLU	Comb. SLU A1 (SLV sism.) 100	
101	SLU	Comb. SLU A1 (SLV sism.) 101	
102	SLU	Comb. SLU A1 (SLV sism.) 102	
103	SLU	Comb. SLU A1 (SLV sism.) 103	
104	SLU	Comb. SLU A1 (SLV sism.) 104	
105	SLU	Comb. SLU A1 (SLV sism.) 105	
106	SLU	Comb. SLU A1 (SLV sism.) 106	
107	SLU	Comb. SLU A1 (SLV sism.) 107	
108	SLU	Comb. SLU A1 (SLV sism.) 108	
109	SLU	Comb. SLU A1 (SLV sism.) 109	
110	SLU	Comb. SLU A1 (SLV sism.) 110	
111	SLU	Comb. SLU A1 (SLV sism.) 111	
112	SLU	Comb. SLU A1 (SLV sism.) 112	
113	SLU	Comb. SLU A1 (SLV sism.) 113	
114	SLU	Comb. SLU A1 (SLV sism.) 114	
115	SLU	Comb. SLU A1 (SLV sism.) 115	
116	SLU	Comb. SLU A1 (SLV sism.) 116	
117	SLU	Comb. SLU A1 (SLV sism.) 117	
118	SLU	Comb. SLU A1 (SLV sism.) 118	
119	SLU	Comb. SLU A1 (SLV sism.) 119	
120	SLU	Comb. SLU A1 (SLV sism.) 120	
121	SLU	Comb. SLU A1 (SLV sism.) 121	
122	SLU	Comb. SLU A1 (SLV sism.) 122	
123	SLU	Comb. SLU A1 (SLV sism.) 123	
124	SLU	Comb. SLU A1 (SLV sism.) 124	
125	SLU	Comb. SLU A1 (SLV sism.) 125	
126	SLU	Comb. SLU A1 (SLV sism.) 126	
127	SLU	Comb. SLU A1 (SLV sism.) 127	
128	SLU	Comb. SLU A1 (SLV sism.) 128	
129	SLU	Comb. SLU A1 (SLV sism.) 129	
130	SLU	Comb. SLU A1 (SLV sism.) 130	
131	SLU	Comb. SLU A1 (SLV sism.) 131	
132	SLU	Comb. SLU A1 (SLV sism.) 132	
133	SLU	Comb. SLU A1 (SLV sism.) 133	
134	SLU	Comb. SLU A1 (SLV sism.) 134	
135	SLU	Comb. SLU A1 (SLV sism.) 135	
136	SLU	Comb. SLU A1 (SLV sism.) 136	
137	SLU	Comb. SLU A1 (SLV sism.) 137	
138	SLU	Comb. SLU A1 (SLV sism.) 138	
139	SLU	Comb. SLU A1 (SLV sism.) 139	
140	SLU	Comb. SLU A1 (SLV sism.) 140	
141	SLU	Comb. SLU A1 (SLV sism.) 141	
142	SLU	Comb. SLU A1 (SLV sism.) 142	
143	SLU	Comb. SLU A1 (SLV sism.) 143	
144	SLU	Comb. SLU A1 (SLV sism.) 144	
145	SLU	Comb. SLU A1 (SLV sism.) 145	
146	SLU	Comb. SLU A1 (SLV sism.) 146	
147	SLU	Comb. SLU A1 (SLV sism.) 147	

Cmb	Tipo	Sigla Id	effetto P-delta
148	SLU	Comb. SLU A1 (SLV sism.) 148	
149	SLU	Comb. SLU A1 (SLV sism.) 149	
150	SLU	Comb. SLU A1 (SLV sism.) 150	
151	SLU	Comb. SLU A1 (SLV sism.) 151	
152	SLU	Comb. SLU A1 (SLV sism.) 152	
153	SLU	Comb. SLU A1 (SLV sism.) 153	
154	SLU	Comb. SLU A1 (SLV sism.) 154	
155	SLU	Comb. SLU A1 (SLV sism.) 155	
156	SLU	Comb. SLU A1 (SLV sism.) 156	
157	SLU	Comb. SLU A1 (SLV sism.) 157	
158	SLU	Comb. SLU A1 (SLV sism.) 158	
159	SLU	Comb. SLU A1 (SLV sism.) 159	
160	SLU	Comb. SLU A1 (SLV sism.) 160	
161	SLU	Comb. SLU A1 (SLV sism.) 161	
162	SLU	Comb. SLU A1 (SLV sism.) 162	
163	SLU	Comb. SLU A1 (SLV sism.) 163	
164	SLU	Comb. SLU A1 (SLV sism.) 164	
165	SLU	Comb. SLU A1 (SLV sism.) 165	
166	SLU	Comb. SLU A1 (SLV sism.) 166	
167	SLU	Comb. SLU A1 (SLV sism.) 167	
168	SLU	Comb. SLU A1 (SLV sism.) 168	
169	SLU	Comb. SLU A1 (SLV sism.) 169	
170	SLU	Comb. SLU A1 (SLV sism.) 170	
171	SLU	Comb. SLU A1 (SLV sism.) 171	
172	SLU	Comb. SLU A1 (SLV sism.) 172	
173	SLD(sis)	Comb. SLE (SLO Operativo sism.) 173	
174	SLD(sis)	Comb. SLE (SLO Operativo sism.) 174	
175	SLD(sis)	Comb. SLE (SLO Operativo sism.) 175	
176	SLD(sis)	Comb. SLE (SLO Operativo sism.) 176	
177	SLD(sis)	Comb. SLE (SLO Operativo sism.) 177	
178	SLD(sis)	Comb. SLE (SLO Operativo sism.) 178	
179	SLD(sis)	Comb. SLE (SLO Operativo sism.) 179	
180	SLD(sis)	Comb. SLE (SLO Operativo sism.) 180	
181	SLD(sis)	Comb. SLE (SLO Operativo sism.) 181	
182	SLD(sis)	Comb. SLE (SLO Operativo sism.) 182	
183	SLD(sis)	Comb. SLE (SLO Operativo sism.) 183	
184	SLD(sis)	Comb. SLE (SLO Operativo sism.) 184	
185	SLD(sis)	Comb. SLE (SLO Operativo sism.) 185	
186	SLD(sis)	Comb. SLE (SLO Operativo sism.) 186	
187	SLD(sis)	Comb. SLE (SLO Operativo sism.) 187	
188	SLD(sis)	Comb. SLE (SLO Operativo sism.) 188	
189	SLD(sis)	Comb. SLE (SLO Operativo sism.) 189	
190	SLD(sis)	Comb. SLE (SLO Operativo sism.) 190	
191	SLD(sis)	Comb. SLE (SLO Operativo sism.) 191	
192	SLD(sis)	Comb. SLE (SLO Operativo sism.) 192	
193	SLD(sis)	Comb. SLE (SLO Operativo sism.) 193	
194	SLD(sis)	Comb. SLE (SLO Operativo sism.) 194	
195	SLD(sis)	Comb. SLE (SLO Operativo sism.) 195	
196	SLD(sis)	Comb. SLE (SLO Operativo sism.) 196	
197	SLD(sis)	Comb. SLE (SLO Operativo sism.) 197	
198	SLD(sis)	Comb. SLE (SLO Operativo sism.) 198	
199	SLD(sis)	Comb. SLE (SLO Operativo sism.) 199	
200	SLD(sis)	Comb. SLE (SLO Operativo sism.) 200	
201	SLD(sis)	Comb. SLE (SLO Operativo sism.) 201	
202	SLD(sis)	Comb. SLE (SLO Operativo sism.) 202	
203	SLD(sis)	Comb. SLE (SLO Operativo sism.) 203	
204	SLD(sis)	Comb. SLE (SLO Operativo sism.) 204	
205	SLD(sis)	Comb. SLE (SLO Operativo sism.) 205	
206	SLD(sis)	Comb. SLE (SLO Operativo sism.) 206	
207	SLD(sis)	Comb. SLE (SLO Operativo sism.) 207	
208	SLD(sis)	Comb. SLE (SLO Operativo sism.) 208	
209	SLD(sis)	Comb. SLE (SLO Operativo sism.) 209	
210	SLD(sis)	Comb. SLE (SLO Operativo sism.) 210	
211	SLD(sis)	Comb. SLE (SLO Operativo sism.) 211	
212	SLD(sis)	Comb. SLE (SLO Operativo sism.) 212	
213	SLD(sis)	Comb. SLE (SLO Operativo sism.) 213	
214	SLD(sis)	Comb. SLE (SLO Operativo sism.) 214	
215	SLD(sis)	Comb. SLE (SLO Operativo sism.) 215	
216	SLD(sis)	Comb. SLE (SLO Operativo sism.) 216	
217	SLD(sis)	Comb. SLE (SLO Operativo sism.) 217	
218	SLD(sis)	Comb. SLE (SLO Operativo sism.) 218	

Cmb	Tipo	Sigla Id	effetto P-delta
219	SLD(sis)	Comb. SLE (SLO Operativo sism.) 219	
220	SLD(sis)	Comb. SLE (SLO Operativo sism.) 220	
221	SLD(sis)	Comb. SLE (SLO Operativo sism.) 221	
222	SLD(sis)	Comb. SLE (SLO Operativo sism.) 222	
223	SLD(sis)	Comb. SLE (SLO Operativo sism.) 223	
224	SLD(sis)	Comb. SLE (SLO Operativo sism.) 224	
225	SLD(sis)	Comb. SLE (SLO Operativo sism.) 225	
226	SLD(sis)	Comb. SLE (SLO Operativo sism.) 226	
227	SLD(sis)	Comb. SLE (SLO Operativo sism.) 227	
228	SLD(sis)	Comb. SLE (SLO Operativo sism.) 228	
229	SLD(sis)	Comb. SLE (SLO Operativo sism.) 229	
230	SLD(sis)	Comb. SLE (SLO Operativo sism.) 230	
231	SLD(sis)	Comb. SLE (SLO Operativo sism.) 231	
232	SLD(sis)	Comb. SLE (SLO Operativo sism.) 232	
233	SLD(sis)	Comb. SLE (SLO Operativo sism.) 233	
234	SLD(sis)	Comb. SLE (SLO Operativo sism.) 234	
235	SLD(sis)	Comb. SLE (SLO Operativo sism.) 235	
236	SLD(sis)	Comb. SLE (SLO Operativo sism.) 236	
237	SLU	Comb. SLU A1 (SLV sism.) 237	
238	SLU	Comb. SLU A1 (SLV sism.) 238	
239	SLU	Comb. SLU A1 (SLV sism.) 239	
240	SLU	Comb. SLU A1 (SLV sism.) 240	
241	SLU	Comb. SLU A1 (SLV sism.) 241	
242	SLU	Comb. SLU A1 (SLV sism.) 242	
243	SLU	Comb. SLU A1 (SLV sism.) 243	
244	SLU	Comb. SLU A1 (SLV sism.) 244	
245	SLU	Comb. SLU A1 (SLV sism.) 245	
246	SLU	Comb. SLU A1 (SLV sism.) 246	
247	SLU	Comb. SLU A1 (SLV sism.) 247	
248	SLU	Comb. SLU A1 (SLV sism.) 248	
249	SLU	Comb. SLU A1 (SLV sism.) 249	
250	SLU	Comb. SLU A1 (SLV sism.) 250	
251	SLU	Comb. SLU A1 (SLV sism.) 251	
252	SLU	Comb. SLU A1 (SLV sism.) 252	
253	SLU	Comb. SLU A1 (SLV sism.) 253	
254	SLU	Comb. SLU A1 (SLV sism.) 254	
255	SLU	Comb. SLU A1 (SLV sism.) 255	
256	SLU	Comb. SLU A1 (SLV sism.) 256	
257	SLU	Comb. SLU A1 (SLV sism.) 257	
258	SLU	Comb. SLU A1 (SLV sism.) 258	
259	SLU	Comb. SLU A1 (SLV sism.) 259	
260	SLU	Comb. SLU A1 (SLV sism.) 260	
261	SLU	Comb. SLU A1 (SLV sism.) 261	
262	SLU	Comb. SLU A1 (SLV sism.) 262	
263	SLU	Comb. SLU A1 (SLV sism.) 263	
264	SLU	Comb. SLU A1 (SLV sism.) 264	
265	SLU	Comb. SLU A1 (SLV sism.) 265	
266	SLU	Comb. SLU A1 (SLV sism.) 266	
267	SLU	Comb. SLU A1 (SLV sism.) 267	
268	SLU	Comb. SLU A1 (SLV sism.) 268	
269	SLU	Comb. SLU A1 (SLV sism.) 269	
270	SLU	Comb. SLU A1 (SLV sism.) 270	
271	SLU	Comb. SLU A1 (SLV sism.) 271	
272	SLU	Comb. SLU A1 (SLV sism.) 272	
273	SLU	Comb. SLU A1 (SLV sism.) 273	
274	SLU	Comb. SLU A1 (SLV sism.) 274	
275	SLU	Comb. SLU A1 (SLV sism.) 275	
276	SLU	Comb. SLU A1 (SLV sism.) 276	
277	SLU	Comb. SLU A1 (SLV sism.) 277	
278	SLU	Comb. SLU A1 (SLV sism.) 278	
279	SLU	Comb. SLU A1 (SLV sism.) 279	
280	SLU	Comb. SLU A1 (SLV sism.) 280	
281	SLU	Comb. SLU A1 (SLV sism.) 281	
282	SLU	Comb. SLU A1 (SLV sism.) 282	
283	SLU	Comb. SLU A1 (SLV sism.) 283	
284	SLU	Comb. SLU A1 (SLV sism.) 284	
285	SLU	Comb. SLU A1 (SLV sism.) 285	
286	SLU	Comb. SLU A1 (SLV sism.) 286	
287	SLU	Comb. SLU A1 (SLV sism.) 287	
288	SLU	Comb. SLU A1 (SLV sism.) 288	
289	SLU	Comb. SLU A1 (SLV sism.) 289	

Cmb	Tipo	Sigla Id	effetto P-delta
290	SLU	Comb. SLU A1 (SLV sism.) 290	
291	SLU	Comb. SLU A1 (SLV sism.) 291	
292	SLU	Comb. SLU A1 (SLV sism.) 292	
293	SLU	Comb. SLU A1 (SLV sism.) 293	
294	SLU	Comb. SLU A1 (SLV sism.) 294	
295	SLU	Comb. SLU A1 (SLV sism.) 295	
296	SLU	Comb. SLU A1 (SLV sism.) 296	
297	SLU	Comb. SLU A1 (SLV sism.) 297	
298	SLU	Comb. SLU A1 (SLV sism.) 298	
299	SLU	Comb. SLU A1 (SLV sism.) 299	
300	SLU	Comb. SLU A1 (SLV sism.) 300	
301	SLE(r)	Comb. SLE(rara) 301	
302	SLE(r)	Comb. SLE(rara) 302	
303	SLE(r)	Comb. SLE(rara) 303	
304	SLE(r)	Comb. SLE(rara) 304	
305	SLE(r)	Comb. SLE(rara) 305	
306	SLE(r)	Comb. SLE(rara) 306	
307	SLE(r)	Comb. SLE(rara) 307	
308	SLE(r)	Comb. SLE(rara) 308	
309	SLE(r)	Comb. SLE(rara) 309	
310	SLE(r)	Comb. SLE(rara) 310	
311	SLE(r)	Comb. SLE(rara) 311	
312	SLE(r)	Comb. SLE(rara) 312	
313	SLE(r)	Comb. SLE(rara) 313	
314	SLE(r)	Comb. SLE(rara) 314	
315	SLE(r)	Comb. SLE(rara) 315	
316	SLE(r)	Comb. SLE(rara) 316	
317	SLE(r)	Comb. SLE(rara) 317	
318	SLE(r)	Comb. SLE(rara) 318	
319	SLE(r)	Comb. SLE(rara) 319	
320	SLE(r)	Comb. SLE(rara) 320	
321	SLE(r)	Comb. SLE(rara) 321	
322	SLE(r)	Comb. SLE(rara) 322	
323	SLE(f)	Comb. SLE(freq.) 323	
324	SLE(f)	Comb. SLE(freq.) 324	
325	SLE(f)	Comb. SLE(freq.) 325	
326	SLE(f)	Comb. SLE(freq.) 326	
327	SLE(f)	Comb. SLE(freq.) 327	
328	SLE(f)	Comb. SLE(freq.) 328	
329	SLE(f)	Comb. SLE(freq.) 329	
330	SLE(f)	Comb. SLE(freq.) 330	
331	SLE(f)	Comb. SLE(freq.) 331	
332	SLE(f)	Comb. SLE(freq.) 332	
333	SLE(p)	Comb. SLE(perm.) 333	
334	SLE(p)	Comb. SLE(perm.) 334	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.50	1.30	1.50	1.50	0.0	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
2	1.30	1.50	1.30	1.50	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
3	1.00	0.80	1.00	0.80	1.50	0.0	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
4	1.00	0.80	1.00	0.80	1.50	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
5	1.30	1.50	1.30	1.50	1.05	0.0	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
6	1.30	1.50	1.30	1.50	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
7	1.00	0.80	1.00	0.80	1.05	0.0	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
8	1.00	0.80	1.00	0.80	1.05	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
9	1.30	1.50	1.30	1.50	1.05	0.0	0.0	-1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
10	1.30	1.50	1.30	1.50	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0											
11	1.00	0.80	1.00	0.80	1.05	0.0	0.0	-1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
12	1.00	0.80	1.00	0.80	1.05	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
13	1.30	1.50	1.30	1.50	1.50	1.05	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
14	1.30	1.50	1.30	1.50	1.50	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
15	1.00	0.80	1.00	0.80	1.50	1.05	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
16	1.00	0.80	1.00	0.80	1.50	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
17	1.30	1.50	1.30	1.50	1.05	1.50	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
18	1.30	1.50	1.30	1.50	1.05	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
19	1.00	0.80	1.00	0.80	1.05	1.50	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
20	1.00	0.80	1.00	0.80	1.05	1.50	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
21	1.30	1.50	1.30	1.50	1.05	1.05	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
22	1.30	1.50	1.30	1.50	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
23	1.00	0.80	1.00	0.80	1.05	1.05	0.0	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
24	1.00	0.80	1.00	0.80	1.05	1.05	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
25	1.30	1.50	1.30	1.50	1.05	1.05	0.0	-1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
26	1.30	1.50	1.30	1.50	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
27	1.00	0.80	1.00	0.80	1.05	1.05	0.0	-1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
28	1.00	0.80	1.00	0.80	1.05	1.05	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
29	1.30	1.50	1.30	1.50	1.50	0.0	0.75	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
30	1.30	1.50	1.30	1.50	1.50	0.0	0.75	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
31	1.00	0.80	1.00	0.80	1.50	0.0	0.75	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
32	1.00	0.80	1.00	0.80	1.50	0.0	0.75	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
33	1.30	1.50	1.30	1.50	1.05	0.0	0.75	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
34	1.30	1.50	1.30	1.50	1.05	0.0	0.75	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
35	1.00	0.80	1.00	0.80	1.05	0.0	0.75	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
36	1.00	0.80	1.00	0.80	1.05	0.0	0.75	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
37	1.30	1.50	1.30	1.50	1.05	0.0	1.50	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
38	1.30	1.50	1.30	1.50	1.05	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
39	1.00	0.80	1.00	0.80	1.05	0.0	1.50	-0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
40	1.00	0.80	1.00	0.80	1.05	0.0	1.50	0.90	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
41	1.30	1.50	1.30	1.50	1.05	0.0	0.75	-1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
42	1.30	1.50	1.30	1.50	1.05	0.0	0.75	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
43	1.00	0.80	1.00	0.80	1.05	0.0	0.75	-1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
44	1.00	0.80	1.00	0.80	1.05	0.0	0.75	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
45	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	-0.30											
46	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
47	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
48	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
49	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
50	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
51	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
52	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
53	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
54	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
55	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
56	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
57	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
58	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
59	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
60	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
61	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	-0.30											
62	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.30											
63	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	-0.30											
64	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.30											
65	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	-0.30											
66	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.30											
67	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	-0.30											
68	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.30											
69	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	-0.30											
70	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.30											
71	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	-0.30											
72	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.30											
73	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	-0.30											
74	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.30											
75	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	-0.30											
76	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.30											
77	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
78	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
79	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
80	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.30											
81	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
82	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
83	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
84	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
85	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
86	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
87	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-1.00	0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
88	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
89	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
90	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
91	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	1.00	0.30	0.0	0.0	0.0
	0.0	0.0	-0.30											
92	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.30											
93	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	-0.30											
94	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.30											
95	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	-0.30											
96	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.30											
97	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	-0.30											
98	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.30											
99	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	-0.30											
100	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.30											
101	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	-0.30											
102	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.30											
103	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	-0.30											
104	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.30											
105	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	-0.30											
106	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.30											
107	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	-0.30											
108	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.30											
109	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
110	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
111	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
112	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
113	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
114	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
115	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	-0.30											
116	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
117	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
118	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
119	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
120	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
121	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
122	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
123	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
124	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
125	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
126	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
127	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
128	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
129	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
130	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
131	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
132	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
133	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
134	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
135	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
136	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
137	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
138	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
139	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	1.00	0.0	0.0	0.0
	0.0	0.0	-0.30											
140	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.30											
141	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	-0.30											
142	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.30											
143	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	-0.30											
144	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.30											
145	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	-0.30											
146	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.30											
147	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	-0.30											
148	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.30											
149	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	-0.30											
150	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.30											
151	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	-0.30											
152	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.30											
153	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	-0.30											
154	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.30											
155	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	-0.30											
156	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.30											
157	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	-0.30											
158	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.30											
159	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	-0.30											
160	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.30											
161	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	-0.30											
162	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.30											
163	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	-0.30											
164	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.30											
165	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	-0.30											
166	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.30											
167	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	-0.30											
168	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.30											
169	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	-0.30											
170	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.30											
171	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	-0.30											
172	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.30											
173	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0
	-0.30	0.0	0.0											
174	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0
	0.30	0.0	0.0											
175	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	-0.30	0.0	0.0											
176	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.30	0.0	0.0											
177	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0
	-0.30	0.0	0.0											
178	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0
	0.30	0.0	0.0											
179	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	-0.30	0.0	0.0											
180	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.30	0.0	0.0											
181	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0
	0.0	-0.30	0.0											
182	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0
	0.0	0.30	0.0											
183	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	-0.30	0.0											
184	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.30	0.0											
185	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	-0.30	0.0											
186	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0
	0.0	0.30	0.0											
187	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	-0.30	0.0											
188	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.30	0.0											
189	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	-0.30	0.0	0.0											
190	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.30	0.0	0.0											
191	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	-0.30	0.0	0.0											
192	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.30	0.0	0.0											
193	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	-0.30	0.0	0.0											
194	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.30	0.0	0.0											
195	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	-0.30	0.0	0.0											
196	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.30	0.0	0.0											
197	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	-0.30	0.0											
198	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	0.30	0.0											
199	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	-0.30	0.0											
200	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.30	0.0											
201	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	-0.30	0.0											
202	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	0.30	0.0											
203	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	-0.30	0.0											
204	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.30	0.0											
205	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0
	-1.00	0.0	0.0											
206	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0
	1.00	0.0	0.0											
207	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0
	-1.00	0.0	0.0											
208	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0
	1.00	0.0	0.0											
209	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0
	-1.00	0.0	0.0											
210	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0
	1.00	0.0	0.0											
211	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0
	-1.00	0.0	0.0											
212	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0
	1.00	0.0	0.0											
213	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	-1.00	0.0	0.0											
214	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	1.00	0.0	0.0											
215	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	-1.00	0.0	0.0											
216	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	1.00	0.0	0.0											
217	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	-1.00	0.0	0.0											
218	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	1.00	0.0	0.0											
219	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	-1.00	0.0	0.0											
220	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	1.00	0.0	0.0											
221	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0
	0.0	-1.00	0.0											
222	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0
	0.0	1.00	0.0											
223	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0
	0.0	-1.00	0.0											
224	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0
	0.0	1.00	0.0											
225	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0
	0.0	-1.00	0.0											
226	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0
	0.0	1.00	0.0											
227	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0
	0.0	-1.00	0.0											
228	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0
	0.0	1.00	0.0											
229	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	-1.00	0.0											
230	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	1.00	0.0											
231	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	-1.00	0.0											
232	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	1.00	0.0											
233	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	-1.00	0.0											
234	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	1.00	0.0											
235	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	-1.00	0.0											
236	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	1.00	0.0											
237	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
238	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
239	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
240	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
241	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
242	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
243	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
244	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
245	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
246	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
247	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
248	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
249	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
250	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
251	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
252	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
253	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	-1.00											
254	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	1.00											
255	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.0	0.30	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	-1.00											
256	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	-0.30	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	1.00											
257	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	-1.00											
258	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	1.00											
259	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	-1.00											
260	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.30	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	1.00											
261	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	-1.00											
262	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	1.00											
263	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	-1.00											
264	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	-0.30	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	1.00											
265	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	-1.00											
266	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	1.00											
267	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	-1.00											
268	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.30	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	1.00											
269	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	-0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
270	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	-0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
271	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
272	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
273	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	-0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
274	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	-0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
275	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
276	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
277	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	-0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
278	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	-0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
279	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
280	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
281	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	-0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
282	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	-0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
283	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.30	0.0	0.0	0.0
	0.0	0.0	-1.00											
284	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.30	0.0	0.0	0.0
	0.0	0.0	1.00											
285	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.0	-0.30	0.0	0.0
	0.0	0.0	-1.00											
286	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.0	-0.30	0.0	0.0
	0.0	0.0	1.00											
287	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.0	0.30	0.0	0.0
	0.0	0.0	-1.00											
288	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	-0.30	0.0	0.30	0.0	0.0
	0.0	0.0	1.00											
289	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.0	-0.30	0.0	0.0
	0.0	0.0	-1.00											
290	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.0	-0.30	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	1.00											
291	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.0	0.30	0.0	0.0
	0.0	0.0	-1.00											
292	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.30	0.0	0.30	0.0	0.0
	0.0	0.0	1.00											
293	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.0	-0.30	0.0	0.0
	0.0	0.0	-1.00											
294	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.0	-0.30	0.0	0.0
	0.0	0.0	1.00											
295	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.0	0.30	0.0	0.0
	0.0	0.0	-1.00											
296	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	-0.30	0.0	0.30	0.0	0.0
	0.0	0.0	1.00											
297	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.0	-0.30	0.0	0.0
	0.0	0.0	-1.00											
298	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.0	-0.30	0.0	0.0
	0.0	0.0	1.00											
299	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.0	0.30	0.0	0.0
	0.0	0.0	-1.00											
300	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.30	0.0	0.30	0.0	0.0
	0.0	0.0	1.00											
301	1.00	1.00	1.00	1.00	1.00	0.0	0.0	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
302	1.00	1.00	1.00	1.00	1.00	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
303	1.00	1.00	1.00	1.00	0.70	0.0	0.0	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
304	1.00	1.00	1.00	1.00	0.70	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
305	1.00	1.00	1.00	1.00	0.70	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
306	1.00	1.00	1.00	1.00	0.70	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
307	1.00	1.00	1.00	1.00	1.00	0.70	0.0	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
308	1.00	1.00	1.00	1.00	1.00	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
309	1.00	1.00	1.00	1.00	0.70	1.00	0.0	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
310	1.00	1.00	1.00	1.00	0.70	1.00	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
311	1.00	1.00	1.00	1.00	0.70	0.70	0.0	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
312	1.00	1.00	1.00	1.00	0.70	0.70	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
313	1.00	1.00	1.00	1.00	0.70	0.70	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
314	1.00	1.00	1.00	1.00	0.70	0.70	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
315	1.00	1.00	1.00	1.00	1.00	0.0	0.50	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
316	1.00	1.00	1.00	1.00	1.00	0.0	0.50	0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
317	1.00	1.00	1.00	1.00	0.70	0.0	0.50	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
318	1.00	1.00	1.00	1.00	0.70	0.0	0.50	0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
319	1.00	1.00	1.00	1.00	0.70	0.0	1.00	-0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
320	1.00	1.00	1.00	1.00	0.70	0.0	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
321	1.00	1.00	1.00	1.00	0.70	0.0	0.50	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
322	1.00	1.00	1.00	1.00	0.70	0.0	0.50	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
323	1.00	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
324	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
325	1.00	1.00	1.00	1.00	0.60	0.0	0.0	-0.50	0.0	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0											
326	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
327	1.00	1.00	1.00	1.00	0.70	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
328	1.00	1.00	1.00	1.00	0.60	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
329	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
330	1.00	1.00	1.00	1.00	0.60	0.60	0.0	-0.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
331	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
332	1.00	1.00	1.00	1.00	0.60	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
333	1.00	1.00	1.00	1.00	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
334	1.00	1.00	1.00	1.00	0.60	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.
Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito http://esse1.mi.ingv.it/. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento Vr che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento Vr e la probabilità di superamento Pver associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno Tr e i relativi parametri di pericolosità sismica (vedi tabella successiva):
ag: accelerazione orizzontale massima del terreno;
Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;
T*c: periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
III	50.0	1.5	75.0	B	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:
S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente S = Ss*St (3.2.3)
Fo è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale
Fv è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno ag su sito di riferimento rigido orizzontale
Tb è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.
Tc è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.
Td è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Id nodo	**Longitudine**	**Latitudine**	**Distanza**
			Km
Loc.	7.822	45.131	
13572	7.755	45.098	6.410
13573	7.826	45.101	3.326
13351	7.821	45.151	2.230
13350	7.750	45.148	5.969

SL	**Pver**	**Tr**	**ag**	**Fo**	**T*c**
		Anni	g		sec
SLO	81.0	45.0	0.023	2.610	0.180
SLD	63.0	75.0	0.028	2.650	0.200
SLV	10.0	712.0	0.051	2.750	0.290
SLC	5.0	1462.0	0.059	2.820	0.300

SL	**ag**	**S**	**Fo**	**Fv**	**Tb**	**Tc**	**Td**
	g				sec	sec	sec
SLO	0.023	1.200	2.610	0.539	0.093	0.279	1.694
SLD	0.028	1.200	2.650	0.601	0.101	0.304	1.713
SLV	0.051	1.200	2.750	0.838	0.136	0.409	1.804
SLC	0.059	1.200	2.820	0.926	0.140	0.420	1.836

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

9. Esk caso di carico sismico con analisi statica equivalente
10. Edk caso di carico sismico con analisi dinamica

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l' azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica	Zona sismica
Accelerazione ag	Accelerazione orizzontale massima sul suolo
Categoria suolo	Categoria di profilo stratigrafico del suolo di fondazione
Fattore q	Fattore di struttura/di comportamento. Dipendente dalla tipologia strutturale
Fattore di sito S	Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD	Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore riduz. SLD	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo proprio T1	Periodo proprio di vibrazione della struttura
Coefficiente Lambda	Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata spettro Sd(T1)	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata spettro Se(T1)	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata spettro S (Tb-Tc)	Valore dell' ordinata dello spettro in uso nel tratto costante
numero di modi considerati	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Per ciascun caso di carico sismico viene riportato l'insieme di dati sotto riportati (le masse sono espresse in unità di forza):

a) **analisi sismica statica equivalente**:
- quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
- azione sismica complessiva

b) **analisi sismica dinamica con spettro di risposta**:
- quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo) **,** indici di regolarità e/r secondo EC8 4.2.3.2
- frequenza, periodo, accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
- massa complessiva ed aliquota di massa complessiva eccitata.

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione etaT (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità 1000*etaT/h da confrontare direttamente con i valori forniti nella norma (es. 5 per edifici con tamponamenti collegati rigidamente alla struttura, 10.0 per edifici con tamponamenti collegati elasticamente, 3 per edifici in muratura ordinaria, 4 per edifici in muratura armata).

Qualora si applichi il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") l'analisi sismica dinamica può essere comprensiva di sollecitazione verticale contemporanea a quella orizzontale, nel qual caso è effettuata una sovrapposizione degli effetti in ragione della radice dei quadrati degli effetti stessi. Per ciascuna combinazione sismica - analisi effettuate con il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") - viene riportato il livello di deformazione etaT, etaP e etaD degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso in unità 1000*etaT/h da confrontare direttamente con il valore 2 o 4 per la verifica.

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo la circolare n.7/2019 del C.S.LL.PP nelle combinazioni in SLC come previsto dal DM 17-01-2018. Per ogni combinazione è riportato il codice di verifica ed i valori utilizzati per la verifica: spostamento dE, area ridotta e dimensione A2, azione verticale, deformazioni di taglio dell'elastomero e tensioni nell'acciaio.
Qualora si applichi l'Ordinanza 3274 e s.m.i. le verifiche sono eseguite in accordo con l'allegato 10.A.
In particolare la tabella, per ogni combinazione di calcolo, riporta:

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce (amplificato del 20% per Ordinanza 3274 e smi) combinato con la regola del 30%

Ang fi	Angolo utilizzato per il calcolo dell' area ridotta Ar (per dispositivi circolari)
V	Azione verticale agente
Ar	Area ridotta efficace
Dim A2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elestomero
Vcr	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

1) V > 0
2) Sig s < fyk
3) Gam t < 5
4) Gam s < Gam * (caratteristica dell' elastomero)
5) Gam s < 2
6) V < 0.5 Vcr

Con riferimento al **Documento di Affidabilità** "Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
23	DM 2008: SPETTRO
29	SISMICA 1000/H, SOMMA V, EFFETTO P-δ
30	ANALISI DI UN EDIFICIO CON ISOLATORI SISMICI
70	MASSE SISMICHE
75	PROGETTO DI ISOLATORI ELASTOMERICI
76	VERIFICA DI ISOLATORI ELASTOMERICI
77	VERIFICA DI ISOLATORI FRICTION PENDULUM

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.168 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.509 sec.
			fattore q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	0.0	-63.13	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	0.0	-18.89	931.85	117.65	0.251	0.500	0.076
961.25	1.824e+04	471.80	181.84	0.0	-18.89	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	0.0	-18.89	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	0.0	-18.89	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	0.0	-18.88	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	0.0	-18.89	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	0.0	-18.89	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	0.0	-18.89	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	0.0	-106.08	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	0.0	-18.89	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
582.86	1.951e+04	473.01	180.03	0.0	-18.89	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
543.79	628.53	-22.90	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	0.0	-18.89	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	0.0	-18.89	932.98	92.86	0.424	0.535	0.172
467.50	620.41	-66.95	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	0.0	-18.89	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	0.0	-18.89	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	0.0	-160.57	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	0.0	-18.89	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	0.0	-18.89	933.29	96.13	0.347	0.354	0.170
208.75	610.89	21.15	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	0.0	-18.89	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	0.0	-18.89	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	0.0	-18.89	933.29	96.13	0.347	0.338	0.163
70.94	627.99	21.15	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	0.0	-18.89	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.667	0.600	0.115	3.820e+04	1.3	2.609e+06	90.8	156.00	5.43e-03	0.0	0.0
2	1.966	0.509	0.135	1.696e+06	59.1	7.935e+04	2.8	305.11	1.06e-02	0.0	0.0
3	2.254	0.444	0.155	1.035e+06	36.0	1393.55	4.85e-02	90.14	3.14e-03	0.0	0.0
4	5.934	0.169	0.168	3.504e+04	1.2	2735.31	9.52e-02	2.259e+05	7.9	0.0	0.0
5	6.647	0.150	0.168	2.193e+04	0.8	3.627e+04	1.3	8662.50	0.3	0.0	0.0
6	7.229	0.138	0.168	1.127e+04	0.4	1.293e+05	4.5	3.082e+05	10.7	0.0	0.0
7	8.159	0.123	0.157	397.11	1.38e-02	8842.91	0.3	1.830e+06	63.7	0.0	0.0
8	9.066	0.110	0.148	2.972e+04	1.0	2706.68	9.42e-02	191.39	6.66e-03	0.0	0.0
9	12.347	0.081	0.125	262.56	9.14e-03	50.53	1.76e-03	4.575e+05	15.9	0.0	0.0
Risulta				2.868e+06		2.870e+06		2.830e+06			
In percentuale				99.84		99.92		98.54			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.168 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.548 sec.
			fattore q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	0.0	63.13	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	0.0	18.89	931.85	117.65	0.251	0.500	0.076
961.25	1.824e+04	471.80	181.84	0.0	18.89	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	0.0	18.89	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	0.0	18.89	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	0.0	18.88	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	0.0	18.89	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	0.0	18.89	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	0.0	18.89	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	0.0	106.08	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	0.0	18.89	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
582.86	1.951e+04	473.01	180.03	0.0	18.89	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
543.79	628.53	-22.90	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	0.0	18.89	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	0.0	18.89	932.98	92.86	0.424	0.535	0.172
467.50	620.41	-66.95	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	0.0	18.89	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	0.0	18.89	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	0.0	160.57	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	0.0	18.89	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	0.0	18.89	933.29	96.13	0.347	0.354	0.170
208.75	610.89	21.15	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	0.0	18.89	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	0.0	18.89	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	0.0	18.89	933.29	96.13	0.347	0.338	0.163
70.94	627.99	21.15	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	0.0	18.89	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.660	0.602	0.114	1.499e+05	5.2	2.423e+06	84.4	109.14	3.80e-03	0.0	0.0
2	1.825	0.548	0.125	1.498e+06	52.2	2.666e+05	9.3	279.97	9.75e-03	0.0	0.0
3	2.392	0.418	0.164	1.116e+06	38.9	241.17	8.40e-03	174.94	6.09e-03	0.0	0.0
4	5.761	0.174	0.168	6.320e+04	2.2	160.34	5.58e-03	1.200e+05	4.2	0.0	0.0
5	6.289	0.159	0.168	6046.59	0.2	1.836e+04	0.6	1.257e+05	4.4	0.0	0.0
6	7.182	0.139	0.168	4762.12	0.2	1.493e+05	5.2	3.002e+05	10.5	0.0	0.0
7	8.169	0.122	0.157	70.38	2.45e-03	9991.10	0.3	1.821e+06	63.4	0.0	0.0
8	9.140	0.109	0.147	2.691e+04	0.9	2141.93	7.46e-02	1.048e+04	0.4	0.0	0.0
9	12.350	0.081	0.125	1008.05	3.51e-02	47.66	1.66e-03	4.519e+05	15.7	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
Risulta				2.866e+06		2.870e+06		2.830e+06			
In percentuale				99.79		99.92		98.52			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.168 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.602 sec.
			fattore q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	216.81	0.0	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	216.06	0.0	931.85	117.65	0.251	0.500	0.076
961.25	1.824e+04	471.80	181.84	152.15	0.0	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	152.15	0.0	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	152.15	0.0	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	83.07	0.0	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	152.15	0.0	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	152.15	0.0	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	152.15	0.0	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	216.81	0.0	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	216.06	0.0	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.86	1.951e+04	473.01	180.03	152.15	0.0	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543.79	628.53	-22.90	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	152.15	0.0	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	152.15	0.0	932.98	92.86	0.424	0.535	0.172
467.50	620.41	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	152.15	0.0	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	152.15	0.0	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	216.81	0.0	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	203.07	0.0	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	152.15	0.0	933.29	96.13	0.347	0.354	0.170
208.75	610.89	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	152.15	0.0	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	152.15	0.0	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	152.15	0.0	933.29	96.13	0.347	0.338	0.163

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
70.94	627.99	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	152.15	0.0	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.662	0.602	0.114	3935.27	0.1	2.615e+06	91.0	228.06	7.94e-03	0.0	0.0
2	1.889	0.529	0.130	1.722e+06	60.0	4.283e+04	1.5	110.89	3.86e-03	0.0	0.0
3	2.342	0.427	0.161	1.041e+06	36.2	3.049e+04	1.1	227.39	7.92e-03	0.0	0.0
4	5.827	0.172	0.168	4.997e+04	1.7	5671.69	0.2	1.459e+05	5.1	0.0	0.0
5	6.161	0.162	0.168	782.38	2.72e-02	5.104e+04	1.8	8.607e+04	3.0	0.0	0.0
6	7.385	0.135	0.168	1.822e+04	0.6	1.039e+05	3.6	4.289e+05	14.9	0.0	0.0
7	8.170	0.122	0.157	497.74	1.73e-02	1.445e+04	0.5	1.669e+06	58.1	0.0	0.0
8	8.376	0.119	0.155	2.865e+04	1.0	6231.48	0.2	3.170e+04	1.1	0.0	0.0
9	12.248	0.082	0.125	754.14	2.63e-02	149.43	5.20e-03	4.676e+05	16.3	0.0	0.0
Risulta				2.866e+06		2.870e+06		2.829e+06			
In percentuale				99.78		99.90		98.50			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.168 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.623 sec.
			fattore q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	-216.81	0.0	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	-216.06	0.0	931.85	117.65	0.251	0.500	0.076
961.25	1.824e+04	471.80	181.84	-152.15	0.0	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	-152.15	0.0	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	-152.15	0.0	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	-83.07	0.0	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	-152.15	0.0	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	-152.15	0.0	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	-152.15	0.0	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	-216.81	0.0	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	-216.06	0.0	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.86	1.951e+04	473.01	180.03	-152.15	0.0	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543.79	628.53	-22.90	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	-152.15	0.0	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	-152.15	0.0	932.98	92.86	0.424	0.535	0.172

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
467.50	620.41	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	-152.15	0.0	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	-152.15	0.0	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	-216.81	0.0	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	-203.07	0.0	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	-152.15	0.0	933.29	96.13	0.347	0.354	0.170
208.75	610.89	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	-152.15	0.0	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	-152.15	0.0	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	-152.15	0.0	933.29	96.13	0.347	0.338	0.163
70.94	627.99	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	-152.15	0.0	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.605	0.623	0.110	1.506e+05	5.2	2.258e+06	78.6	76.39	2.66e-03	0.0	0.0
2	1.955	0.512	0.134	1.783e+06	62.1	3.761e+05	13.1	440.75	1.53e-02	0.0	0.0
3	2.366	0.423	0.163	8.326e+05	29.0	5.680e+04	2.0	36.90	1.28e-03	0.0	0.0
4	5.868	0.170	0.168	4.720e+04	1.6	9787.29	0.3	1.756e+05	6.1	0.0	0.0
5	6.634	0.151	0.168	2.770e+04	1.0	4695.71	0.2	1.422e+05	5.0	0.0	0.0
6	7.170	0.139	0.168	1335.63	4.65e-02	1.558e+05	5.4	1.656e+05	5.8	0.0	0.0
7	8.154	0.123	0.157	0.88	3.05e-05	7071.04	0.2	1.893e+06	65.9	0.0	0.0
8	9.702	0.103	0.142	2.427e+04	0.8	300.10	1.04e-02	2891.02	0.1	0.0	0.0
9	12.392	0.081	0.125	67.92	2.36e-03	38.48	1.34e-03	4.504e+05	15.7	0.0	0.0
Risulta				2.867e+06		2.869e+06		2.831e+06			
In percentuale				99.81		99.88		98.55			

CDC	Tipo	Sigla Id	Note
13	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.073 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.509 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	0.0	-63.13	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	0.0	-18.89	931.85	117.65	0.251	0.500	0.076

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
961.25	1.824e+04	471.80	181.84	0.0	-18.89	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	0.0	-18.89	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	0.0	-18.89	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	0.0	-18.88	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	0.0	-18.89	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	0.0	-18.89	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	0.0	-18.89	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	0.0	-106.08	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	0.0	-18.89	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
582.86	1.951e+04	473.01	180.03	0.0	-18.89	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
543.79	628.53	-22.90	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	0.0	-18.89	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	0.0	-18.89	932.98	92.86	0.424	0.535	0.172
467.50	620.41	-66.95	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	0.0	-18.89	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	0.0	-18.89	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	-7.40	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	0.0	-160.57	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	0.0	-18.89	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	0.0	-18.89	933.29	96.13	0.347	0.354	0.170
208.75	610.89	21.15	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	0.0	-18.89	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	-6.77	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	0.0	-18.89	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	0.0	-18.89	933.29	96.13	0.347	0.338	0.163
70.94	627.99	21.15	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	0.0	-18.89	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	-7.39	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.667	0.600	0.034	3.820e+04	1.3	2.609e+06	90.8	156.00	5.43e-03	0.0	0.0
2	1.966	0.509	0.040	1.696e+06	59.1	7.935e+04	2.8	305.11	1.06e-02	0.0	0.0
3	2.254	0.444	0.046	1.035e+06	36.0	1393.55	4.85e-02	90.14	3.14e-03	0.0	0.0
4	5.934	0.169	0.073	3.504e+04	1.2	2735.31	9.52e-02	2.259e+05	7.9	0.0	0.0
5	6.647	0.150	0.073	2.193e+04	0.8	3.627e+04	1.3	8662.50	0.3	0.0	0.0
6	7.229	0.138	0.073	1.127e+04	0.4	1.293e+05	4.5	3.082e+05	10.7	0.0	0.0
7	8.159	0.123	0.073	397.11	1.38e-02	8842.91	0.3	1.830e+06	63.7	0.0	0.0
8	9.066	0.110	0.073	2.972e+04	1.0	2706.68	9.42e-02	191.39	6.66e-03	0.0	0.0
9	12.347	0.081	0.067	262.56	9.14e-03	50.53	1.76e-03	4.575e+05	15.9	0.0	0.0
Risulta				2.868e+06		2.870e+06		2.830e+06			
In percentuale				99.84		99.92		98.54			

CDC	Tipo	Sigla Id	Note
14	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.073 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.548 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	0.0	63.13	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	0.0	18.89	931.85	117.65	0.251	0.500	0.076
961.25	1.824e+04	471.80	181.84	0.0	18.89	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	0.0	18.89	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	0.0	18.89	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	0.0	18.88	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	0.0	18.89	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	0.0	18.89	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	0.0	18.89	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	0.0	106.08	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	0.0	18.89	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
582.86	1.951e+04	473.01	180.03	0.0	18.89	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
543.79	628.53	-22.90	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	0.0	18.89	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	0.0	18.89	932.98	92.86	0.424	0.535	0.172
467.50	620.41	-66.95	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	0.0	18.89	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	0.0	18.89	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	7.40	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	0.0	160.57	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	0.0	18.89	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	0.0	18.89	933.29	96.13	0.347	0.354	0.170
208.75	610.89	21.15	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	0.0	18.89	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	6.77	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	0.0	18.89	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	0.0	18.89	933.29	96.13	0.347	0.338	0.163
70.94	627.99	21.15	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	0.0	18.89	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	7.39	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.660	0.602	0.034	1.499e+05	5.2	2.423e+06	84.4	109.14	3.80e-03	0.0	0.0
2	1.825	0.548	0.037	1.498e+06	52.2	2.666e+05	9.3	279.97	9.75e-03	0.0	0.0
3	2.392	0.418	0.049	1.116e+06	38.9	241.17	8.40e-03	174.94	6.09e-03	0.0	0.0
4	5.761	0.174	0.073	6.320e+04	2.2	160.34	5.58e-03	1.200e+05	4.2	0.0	0.0
5	6.289	0.159	0.073	6046.59	0.2	1.836e+04	0.6	1.257e+05	4.4	0.0	0.0
6	7.182	0.139	0.073	4762.12	0.2	1.493e+05	5.2	3.002e+05	10.5	0.0	0.0
7	8.169	0.122	0.073	70.38	2.45e-03	9991.10	0.3	1.821e+06	63.4	0.0	0.0
8	9.140	0.109	0.073	2.691e+04	0.9	2141.93	7.46e-02	1.048e+04	0.4	0.0	0.0
9	12.350	0.081	0.067	1008.05	3.51e-02	47.66	1.66e-03	4.519e+05	15.7	0.0	0.0
Risulta				2.866e+06		2.870e+06		2.830e+06			
In percentuale				99.79		99.92		98.52			

CDC	Tipo	Sigla Id	Note
15	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.073 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.602 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	216.81	0.0	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	216.06	0.0	931.85	117.65	0.251	0.500	0.076
961.25	1.824e+04	471.80	181.84	152.15	0.0	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	152.15	0.0	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	152.15	0.0	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	83.07	0.0	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	152.15	0.0	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	152.15	0.0	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	152.15	0.0	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	216.81	0.0	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	216.06	0.0	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.86	1.951e+04	473.01	180.03	152.15	0.0	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543.79	628.53	-22.90	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	152.15	0.0	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	152.15	0.0	932.98	92.86	0.424	0.535	0.172
467.50	620.41	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	152.15	0.0	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	152.15	0.0	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	216.81	0.0	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	203.07	0.0	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	152.15	0.0	933.29	96.13	0.347	0.354	0.170

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
208.75	610.89	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	152.15	0.0	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	152.15	0.0	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	152.15	0.0	933.29	96.13	0.347	0.338	0.163
70.94	627.99	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	152.15	0.0	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.662	0.602	0.034	3935.27	0.1	2.615e+06	91.0	228.06	7.94e-03	0.0	0.0
2	1.889	0.529	0.039	1.722e+06	60.0	4.283e+04	1.5	110.89	3.86e-03	0.0	0.0
3	2.342	0.427	0.048	1.041e+06	36.2	3.049e+04	1.1	227.39	7.92e-03	0.0	0.0
4	5.827	0.172	0.073	4.997e+04	1.7	5671.69	0.2	1.459e+05	5.1	0.0	0.0
5	6.161	0.162	0.073	782.38	2.72e-02	5.104e+04	1.8	8.607e+04	3.0	0.0	0.0
6	7.385	0.135	0.073	1.822e+04	0.6	1.039e+05	3.6	4.289e+05	14.9	0.0	0.0
7	8.170	0.122	0.073	497.74	1.73e-02	1.445e+04	0.5	1.669e+06	58.1	0.0	0.0
8	8.376	0.119	0.073	2.865e+04	1.0	6231.48	0.2	3.170e+04	1.1	0.0	0.0
9	12.248	0.082	0.068	754.14	2.63e-02	149.43	5.20e-03	4.676e+05	16.3	0.0	0.0
Risulta				2.866e+06		2.870e+06		2.829e+06			
In percentuale				99.78		99.90		98.50			

CDC	Tipo	Sigla Id	Note
16	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	
			categoria suolo: B
			fattore di sito S = 1.200
			ordinata spettro (tratto Tb-Tc) = 0.073 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.623 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	-216.81	0.0	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	-216.06	0.0	931.85	117.65	0.251	0.500	0.076
961.25	1.824e+04	471.80	181.84	-152.15	0.0	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	-152.15	0.0	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	-152.15	0.0	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	-83.07	0.0	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	-152.15	0.0	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	-152.15	0.0	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	-152.15	0.0	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	-216.81	0.0	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	-216.06	0.0	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.86	1.951e+04	473.01	180.03	-152.15	0.0	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
543.79	628.53	-22.90	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	-152.15	0.0	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	-152.15	0.0	932.98	92.86	0.424	0.535	0.172
467.50	620.41	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	-152.15	0.0	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	-152.15	0.0	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	-216.81	0.0	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	-203.07	0.0	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	-152.15	0.0	933.29	96.13	0.347	0.354	0.170
208.75	610.89	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	-152.15	0.0	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	-152.15	0.0	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	-152.15	0.0	933.29	96.13	0.347	0.338	0.163
70.94	627.99	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	-152.15	0.0	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.605	0.623	0.033	1.506e+05	5.2	2.258e+06	78.6	76.39	2.66e-03	0.0	0.0
2	1.955	0.512	0.040	1.783e+06	62.1	3.761e+05	13.1	440.75	1.53e-02	0.0	0.0
3	2.366	0.423	0.048	8.326e+05	29.0	5.680e+04	2.0	36.90	1.28e-03	0.0	0.0
4	5.868	0.170	0.073	4.720e+04	1.6	9787.29	0.3	1.756e+05	6.1	0.0	0.0
5	6.634	0.151	0.073	2.770e+04	1.0	4695.71	0.2	1.422e+05	5.0	0.0	0.0
6	7.170	0.139	0.073	1335.63	4.65e-02	1.558e+05	5.4	1.656e+05	5.8	0.0	0.0
7	8.154	0.123	0.073	0.88	3.05e-05	7071.04	0.2	1.893e+06	65.9	0.0	0.0
8	9.702	0.103	0.073	2.427e+04	0.8	300.10	1.04e-02	2891.02	0.1	0.0	0.0
9	12.392	0.081	0.067	67.92	2.36e-03	38.48	1.34e-03	4.504e+05	15.7	0.0	0.0
Risulta				2.867e+06		2.869e+06		2.831e+06			
In percentuale				99.81		99.88		98.55			

CDC	Tipo	Sigla Id	Note
17	Edk	CDC=Ed (dinamico SLU) verticale	
			categoria suolo: B
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.028 g
			fattore q: 1.500
			classe di duttilità CD: ND
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
1095.00	5.380e+05	511.42	592.11	0.0	0.0	928.71	118.68	0.147	0.307	0.947
1065.50	1.890e+04	252.39	155.28	0.0	0.0	931.85	117.65	0.251	0.500	0.076
961.25	1.824e+04	471.80	181.84	0.0	0.0	932.67	117.66	0.315	0.340	0.129
914.38	1.114e+04	473.85	178.78	0.0	0.0	932.98	92.86	0.336	0.343	0.167
867.50	1.050e+04	374.13	175.04	0.0	0.0	932.98	92.86	0.427	0.417	0.160
854.00	4808.43	1783.84	351.62	0.0	0.0	2679.66	377.69	0.002	4.023	1.206
820.63	1.784e+04	999.52	255.53	0.0	0.0	953.11	332.50	0.068	0.031	0.334
773.75	1.923e+04	1069.96	262.42	0.0	0.0	953.11	332.50	0.068	0.078	0.304
726.88	1.143e+04	1070.04	262.43	0.0	0.0	953.11	332.50	0.068	0.078	0.304
718.00	8.818e+05	585.74	906.45	0.0	0.0	947.36	333.44	0.028	0.242	2.479
697.38	2.350e+04	387.56	184.12	0.0	0.0	646.16	146.55	0.035	1.149	0.188
688.96	628.53	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.93	628.53	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
630.89	628.53	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
601.86	628.53	65.21	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.86	1.951e+04	473.01	180.03	0.0	0.0	643.18	103.19	0.013	1.590	0.748
572.82	628.53	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543.79	628.53	-22.90	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
534.29	1.137e+04	475.96	175.63	0.0	0.0	643.18	103.19	0.013	1.562	0.706
514.75	628.53	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.71	1.844e+04	216.66	180.90	0.0	0.0	932.98	92.86	0.424	0.535	0.172
467.50	620.41	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449.29	620.41	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
437.14	1.137e+04	475.96	175.63	0.0	0.0	932.98	92.86	0.336	0.341	0.161
431.07	620.41	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.86	620.41	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.64	620.41	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.57	1.137e+04	475.96	175.63	0.0	0.0	932.98	92.86	0.336	0.341	0.161
376.43	620.41	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.21	620.41	197.36	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.00	1.143e+06	635.60	1282.63	0.0	0.0	928.79	123.38	0.141	0.212	2.260
313.75	610.89	197.36	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
310.50	1.491e+04	258.37	154.54	0.0	0.0	932.45	117.66	0.259	0.497	0.074
287.50	610.89	153.31	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.25	610.89	109.26	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.00	1.567e+04	459.21	184.90	0.0	0.0	933.29	96.13	0.347	0.354	0.170
208.75	610.89	21.15	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.50	1.251e+04	455.82	185.46	0.0	0.0	933.29	96.13	0.347	0.356	0.171
156.25	610.89	-66.95	264.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.00	1.896e+04	226.78	184.30	0.0	0.0	933.29	96.13	0.422	0.527	0.169
110.31	627.99	-66.95	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.63	627.99	-22.90	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.50	1.190e+04	480.40	181.38	0.0	0.0	933.29	96.13	0.347	0.338	0.163
70.94	627.99	21.15	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.25	627.99	65.21	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.56	627.99	109.26	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.00	1.190e+04	480.40	181.38	0.0	0.0	933.29	96.13	0.347	0.338	0.163
11.88	627.99	153.31	123.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	2.872e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	1.665	0.601	0.010	7.210e+04	2.5	2.551e+06	88.8	137.93	4.80e-03	0.0	0.0
2	1.891	0.529	0.010	1.567e+06	54.5	1.387e+05	4.8	279.42	9.73e-03	0.0	0.0
3	2.319	0.431	0.010	1.128e+06	39.3	520.41	1.81e-02	135.91	4.73e-03	0.0	0.0
4	5.872	0.170	0.025	4.815e+04	1.7	1208.58	4.21e-02	1.850e+05	6.4	0.0	0.0
5	6.433	0.155	0.027	1.590e+04	0.6	2.315e+04	0.8	5.451e+04	1.9	0.0	0.0
6	7.197	0.139	0.028	6801.21	0.2	1.436e+05	5.0	3.033e+05	10.6	0.0	0.0
7	8.164	0.122	0.028	169.28	5.89e-03	9469.05	0.3	1.829e+06	63.7	0.0	0.0
8	9.074	0.110	0.028	2.849e+04	1.0	2441.40	8.50e-02	2439.02	8.49e-02	0.0	0.0
9	12.351	0.081	0.028	587.14	2.04e-02	48.40	1.68e-03	4.552e+05	15.8	0.0	0.0
Risulta				2.867e+06		2.870e+06		2.830e+06			
In percentuale				99.81		99.92		98.54			

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
			mm	cm			mm	cm			mm	cm
173	4	0.12	0.44	378.0	6	0.20	0.77	377.0	7	0.14	0.60	420.0
	8	0.50	2.11	420.0	9	0.46	1.94	420.0	10	0.29	1.20	420.0
	11	0.17	0.73	420.0	12	0.25	1.06	420.0	13	0.30	1.26	420.0
	14	0.28	1.18	420.0	15	0.42	1.76	420.0	16	0.47	1.98	420.0
	17	0.40	1.70	420.0	18	0.28	1.18	420.0	19	0.06	0.23	420.0
	20	0.17	0.72	420.0	21	0.32	1.33	420.0	22	0.41	1.72	420.0
	23	0.16	0.66	420.0	24	0.35	1.48	420.0	25	0.41	1.72	420.0
	27	0.49	1.91	390.5	28	0.41	1.74	420.0	29	0.03	0.14	420.0
	30	0.04	0.16	420.0	31	0.15	0.64	420.0	33	0.37	1.42	386.9
	34	0.33	1.29	386.9	35	0.49	2.05	420.0	36	0.48	2.00	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.34	0.28	20.6
	48	1.08	0.22	20.6	49	0.83	0.17	20.6	50	0.59	0.12	20.6
	51	0.36	0.07	20.6	52	0.22	0.05	20.6	82	3.12	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.61	0.77	29.5
	86	2.44	0.72	29.5	87	2.28	0.67	29.5	88	2.12	0.63	29.5
	89	3.30	0.97	29.5	90	0.30	1.14	378.0	91	0.14	0.55	378.0
	92	0.15	0.58	378.0	93	0.19	0.71	378.0	94	0.28	1.07	378.0
	95	0.31	1.18	378.0	96	0.31	1.17	378.0	97	0.35	1.33	378.0
	98	0.33	1.24	378.0	99	0.30	1.14	378.0	100	0.28	1.05	378.0
	101	0.31	1.16	378.0	102	0.17	0.66	378.0	103	0.15	0.56	378.0
	104	0.10	0.37	378.0	105	0.20	0.76	378.0	106	0.17	0.63	378.0
	107	0.20	0.76	378.0	108	0.20	0.72	357.4	109	0.29	1.08	378.0
	110	0.21	0.04	20.6	111	0.33	1.22	368.1	112	0.45	1.67	368.1
	113	0.49	2.06	420.0	114	0.49	2.04	420.0	133	1.98	0.58	29.5
	134	1.86	0.55	29.5	135	1.67	0.49	29.5	136	1.55	0.46	29.5
	137	1.35	0.40	29.5	138	1.16	0.34	29.5	139	0.98	0.29	29.5
	140	0.80	0.24	29.5	142	0.47	1.71	368.1	143	0.48	2.03	420.0
	147	0.28	1.06	377.0	148	0.29	1.08	377.0	149	0.28	1.07	377.0
	150	0.28	1.06	377.0	151	0.28	1.06	377.0	152	0.31	1.18	377.0
	153	0.25	0.95	377.0	154	0.24	0.89	377.0	155	0.21	0.81	377.0
	156	0.25	0.95	377.0	157	0.25	0.95	377.0	158	0.25	0.95	377.0
	159	0.32	0.03	8.9	160	0.28	1.06	377.0	167	1.83	0.54	29.5
	168	1.69	0.50	29.5	169	1.57	0.46	29.5	170	1.37	0.40	29.5
	171	1.18	0.35	29.5	172	0.99	0.29	29.5	173	0.81	0.24	29.5
	174	0.64	0.19	29.5	175	0.63	0.19	29.5	176	0.21	0.04	20.6
	177	0.22	0.05	20.6	178	0.22	0.05	20.6	179	0.23	0.05	20.6
	180	0.24	0.05	20.6	181	0.25	0.05	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.47	0.14	29.5	192	0.34	0.10	29.5	195	0.26	0.05	20.6
	196	0.27	0.06	20.6	199	0.48	0.14	29.5	200	0.35	0.10	29.5
	201	0.26	1.11	420.0	202	0.29	1.11	378.0	203	0.30	1.13	377.0
	204	0.10	0.41	420.0	205	0.04	0.14	378.0	206	0.41	1.55	377.0
	207	0.36	1.50	420.0	208	0.01	0.05	378.0	209	0.37	1.41	377.0
	210	0.33	1.38	420.0	211	0.15	0.58	378.0	212	0.32	1.19	377.0
	213	0.25	1.05	420.0	214	0.01	0.06	378.0	215	0.49	1.83	377.0
	227	2.24	0.66	29.5	228	2.24	0.66	29.5	229	2.25	0.66	29.5
	230	2.25	0.66	29.5	231	2.26	0.67	29.5	232	2.22	0.65	29.5
	233	2.17	0.64	29.5	234	2.12	0.62	29.5	235	2.07	0.61	29.5
	236	2.02	0.60	29.5	237	1.98	0.58	29.5	238	1.94	0.57	29.5
	239	1.90	0.56	29.5	240	1.86	0.55	29.5	241	0.29	0.69	241.0
	242	0.25	0.08	33.4	243	0.31	0.15	46.9	244	0.33	0.16	46.9
	245	0.28	0.06	20.6								
174	4	0.05	0.20	378.0	6	0.06	0.21	377.0	7	0.17	0.73	420.0
	8	0.16	0.68	420.0	9	0.16	0.67	420.0	10	0.21	0.89	420.0
	11	0.22	0.91	420.0	12	0.26	1.11	420.0	13	0.22	0.94	420.0
	14	0.17	0.73	420.0	15	0.12	0.50	420.0	16	0.07	0.28	420.0
	17	0.10	0.40	420.0	18	0.16	0.65	420.0	19	0.08	0.34	420.0
	20	0.12	0.49	420.0	21	0.17	0.70	420.0	22	0.19	0.80	420.0
	23	0.13	0.56	420.0	24	0.21	0.87	420.0	25	0.22	0.92	420.0
	27	0.16	0.63	390.5	28	0.17	0.73	420.0	29	0.06	0.25	420.0
	30	0.07	0.28	420.0	31	0.16	0.69	420.0	33	0.25	0.98	386.9
	34	0.24	0.93	386.9	35	0.11	0.48	420.0	36	0.08	0.36	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.33	0.28	20.6
	48	1.08	0.22	20.6	49	0.83	0.17	20.6	50	0.58	0.12	20.6
	51	0.34	0.07	20.6	52	0.17	0.03	20.6	82	3.12	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.60	0.77	29.5
	86	2.43	0.72	29.5	87	2.26	0.67	29.5	88	2.10	0.62	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	89	3.30	0.97	29.5	90	0.17	0.65	378.0	91	0.10	0.39	378.0
	92	0.10	0.36	378.0	93	0.09	0.33	378.0	94	0.16	0.61	378.0
	95	0.20	0.74	378.0	96	0.19	0.72	378.0	97	0.24	0.91	378.0
	98	0.21	0.80	378.0	99	0.18	0.67	378.0	100	0.15	0.58	378.0
	101	0.17	0.63	378.0	102	0.05	0.20	378.0	103	0.06	0.22	378.0
	104	0.07	0.27	378.0	105	0.05	0.19	378.0	106	0.02	0.09	378.0
	107	0.05	0.19	378.0	108	0.05	0.18	357.4	109	0.16	0.60	378.0
	110	0.15	0.03	20.6	111	0.23	0.86	368.1	112	0.40	1.46	368.1
	113	0.15	0.63	420.0	114	0.13	0.55	420.0	133	1.94	0.57	29.5
	134	1.81	0.53	29.5	135	1.61	0.47	29.5	136	1.49	0.44	29.5
	137	1.30	0.38	29.5	138	1.11	0.33	29.5	139	0.93	0.27	29.5
	140	0.75	0.22	29.5	142	0.41	1.52	368.1	143	0.12	0.51	420.0
	147	0.16	0.61	377.0	148	0.17	0.65	377.0	149	0.17	0.64	377.0
	150	0.16	0.60	377.0	151	0.15	0.58	377.0	152	0.18	0.67	377.0
	153	0.11	0.40	377.0	154	0.08	0.30	377.0	155	0.05	0.20	377.0
	156	0.05	0.21	377.0	157	0.11	0.41	377.0	158	3.48e-03	0.01	377.0
	159	0.26	0.02	8.9	160	0.16	0.59	377.0	167	1.82	0.54	29.5
	168	1.67	0.49	29.5	169	1.55	0.46	29.5	170	1.36	0.40	29.5
	171	1.16	0.34	29.5	172	0.97	0.29	29.5	173	0.79	0.23	29.5
	174	0.60	0.18	29.5	175	0.58	0.17	29.5	176	0.15	0.03	20.6
	177	0.15	0.03	20.6	178	0.15	0.03	20.6	179	0.15	0.03	20.6
	180	0.15	0.03	20.6	181	0.15	0.03	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.42	0.12	29.5	192	0.26	0.08	29.5	195	0.15	0.03	20.6
	196	0.15	0.03	20.6	199	0.41	0.12	29.5	200	0.25	0.07	29.5
	201	0.13	0.53	420.0	202	0.15	0.57	378.0	203	0.17	0.63	377.0
	204	0.11	0.45	420.0	205	0.16	0.60	378.0	206	0.32	1.20	377.0
	207	0.18	0.77	420.0	208	0.25	0.94	378.0	209	0.32	1.21	377.0
	210	0.24	1.03	420.0	211	0.37	1.38	378.0	212	0.57	2.14	377.0
	213	0.21	0.89	420.0	214	0.33	1.23	378.0	215	0.55	2.06	377.0
	227	2.22	0.66	29.5	228	2.23	0.66	29.5	229	2.23	0.66	29.5
	230	2.24	0.66	29.5	231	2.25	0.66	29.5	232	2.21	0.65	29.5
	233	2.15	0.64	29.5	234	2.10	0.62	29.5	235	2.06	0.61	29.5
	236	2.01	0.59	29.5	237	1.97	0.58	29.5	238	1.93	0.57	29.5
	239	1.89	0.56	29.5	240	1.85	0.55	29.5	241	0.14	0.34	241.0
	242	0.14	0.05	33.4	243	0.24	0.11	46.9	244	0.27	0.13	46.9
	245	0.21	0.04	20.6								
175	4	0.53	2.00	378.0	6	0.56	2.11	377.0	7	0.60	2.52	420.0
	8	0.33	1.39	420.0	9	0.30	1.27	420.0	10	0.38	1.61	420.0
	11	0.55	2.30	420.0	12	0.71	2.97	420.0	13	0.75	3.16	420.0
	14	0.33	1.38	420.0	15	0.26	1.11	420.0	16	0.19	0.82	420.0
	17	0.24	1.01	420.0	18	0.30	1.24	420.0	19	0.50	2.12	420.0
	20	0.65	2.72	420.0	21	0.74	3.09	420.0	22	0.79	3.33	420.0
	23	0.64	2.68	420.0	24	0.77	3.23	420.0	25	0.80	3.35	420.0
	27	0.24	0.94	390.5	28	0.78	3.29	420.0	29	0.47	1.97	420.0
	30	0.47	1.99	420.0	31	0.63	2.63	420.0	33	0.34	1.32	386.9
	34	0.30	1.15	386.9	35	0.33	1.39	420.0	36	0.23	0.97	420.0
	45	2.00	0.41	20.6	46	1.77	0.36	20.6	47	1.53	0.31	20.6
	48	1.29	0.27	20.6	49	1.05	0.22	20.6	50	0.82	0.17	20.6
	51	0.59	0.12	20.6	52	0.40	0.08	20.6	82	3.17	0.94	29.5
	83	3.01	0.89	29.5	84	2.85	0.84	29.5	85	2.67	0.79	29.5
	86	2.49	0.74	29.5	87	2.36	0.70	29.5	88	2.21	0.65	29.5
	89	3.34	0.98	29.5	90	0.36	1.38	378.0	91	0.56	2.14	378.0
	92	0.55	2.07	378.0	93	0.47	1.79	378.0	94	0.35	1.32	378.0
	95	0.31	1.17	378.0	96	0.30	1.12	378.0	97	0.27	1.02	378.0
	98	0.23	0.87	378.0	99	0.26	0.99	378.0	100	0.33	1.25	378.0
	101	0.33	1.26	378.0	102	0.45	1.71	378.0	103	0.50	1.90	378.0
	104	0.55	2.06	378.0	105	0.40	1.51	378.0	106	0.43	1.64	378.0
	107	0.37	1.40	378.0	108	0.39	1.38	357.4	109	0.28	1.05	378.0
	110	0.32	0.07	20.6	111	0.35	1.29	368.1	112	0.51	1.88	368.1
	113	0.34	1.43	420.0	114	0.31	1.29	420.0	133	2.05	0.61	29.5
	134	1.92	0.57	29.5	135	1.73	0.51	29.5	136	1.62	0.48	29.5
	137	1.44	0.43	29.5	138	1.26	0.37	29.5	139	1.10	0.32	29.5
	140	0.93	0.27	29.5	142	0.52	1.92	368.1	143	0.29	1.22	420.0
	147	0.30	1.12	377.0	148	0.26	0.98	377.0	149	0.24	0.90	377.0
	150	0.26	1.00	377.0	151	0.33	1.24	377.0	152	0.36	1.35	377.0
	153	0.48	1.82	377.0	154	0.54	2.05	377.0	155	0.58	2.20	377.0
	156	0.40	1.50	377.0	157	0.47	1.76	377.0	158	0.37	1.40	377.0
	159	0.33	0.03	8.9	160	0.28	1.05	377.0	167	1.58	0.47	29.5
	168	1.44	0.43	29.5	169	1.33	0.39	29.5	170	1.15	0.34	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	171	0.96	0.28	29.5	172	0.79	0.23	29.5	173	0.62	0.18	29.5
	174	0.46	0.13	29.5	175	0.76	0.22	29.5	176	0.31	0.06	20.6
	177	0.31	0.06	20.6	178	0.31	0.06	20.6	179	0.31	0.06	20.6
	180	0.31	0.06	20.6	181	0.31	0.06	20.6	182	3.12	0.64	20.6
	183	3.03	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.31	0.09	29.5	192	0.22	0.06	29.5	195	0.30	0.06	20.6
	196	0.29	0.06	20.6	199	0.59	0.17	29.5	200	0.43	0.13	29.5
	201	0.27	1.12	420.0	202	0.30	1.14	378.0	203	0.32	1.20	377.0
	204	0.58	2.44	420.0	205	0.30	1.14	378.0	206	0.49	1.86	377.0
	207	0.74	3.12	420.0	208	0.35	1.33	378.0	209	0.64	2.42	377.0
	210	0.69	2.90	420.0	211	0.25	0.94	378.0	212	0.72	2.72	377.0
	213	0.66	2.78	420.0	214	0.24	0.92	378.0	215	0.66	2.47	377.0
	227	1.97	0.58	29.5	228	1.98	0.58	29.5	229	1.99	0.59	29.5
	230	2.00	0.59	29.5	231	2.01	0.59	29.5	232	1.97	0.58	29.5
	233	1.92	0.57	29.5	234	1.87	0.55	29.5	235	1.82	0.54	29.5
	236	1.78	0.52	29.5	237	1.73	0.51	29.5	238	1.69	0.50	29.5
	239	1.65	0.49	29.5	240	1.61	0.48	29.5	241	0.48	1.15	241.0
	242	0.32	0.11	33.4	243	0.33	0.15	46.9	244	0.34	0.16	46.9
	245	0.31	0.06	20.6								
176	4	0.38	1.43	378.0	6	0.42	1.59	377.0	7	0.29	1.23	420.0
	8	0.26	1.09	420.0	9	0.28	1.17	420.0	10	0.30	1.28	420.0
	11	0.33	1.37	420.0	12	0.36	1.50	420.0	13	0.34	1.41	420.0
	14	0.26	1.08	420.0	15	0.25	1.03	420.0	16	0.20	0.85	420.0
	17	0.23	0.95	420.0	18	0.23	0.96	420.0	19	0.22	0.92	420.0
	20	0.24	1.01	420.0	21	0.27	1.14	420.0	22	0.29	1.23	420.0
	23	0.25	1.05	420.0	24	0.32	1.34	420.0	25	0.33	1.38	420.0
	27	0.12	0.47	390.5	28	0.28	1.17	420.0	29	0.19	0.81	420.0
	30	0.21	0.87	420.0	31	0.28	1.19	420.0	33	0.31	1.21	386.9
	34	0.30	1.17	386.9	35	0.22	0.92	420.0	36	0.21	0.88	420.0
	45	2.00	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.28	0.26	20.6	49	1.04	0.22	20.6	50	0.81	0.17	20.6
	51	0.57	0.12	20.6	52	0.38	0.08	20.6	82	3.17	0.93	29.5
	83	3.01	0.89	29.5	84	2.85	0.84	29.5	85	2.68	0.79	29.5
	86	2.51	0.74	29.5	87	2.35	0.69	29.5	88	2.19	0.65	29.5
	89	3.34	0.98	29.5	90	0.27	1.03	378.0	91	0.41	1.57	378.0
	92	0.40	1.52	378.0	93	0.35	1.32	378.0	94	0.27	1.03	378.0
	95	0.26	0.97	378.0	96	0.25	0.93	378.0	97	0.25	0.94	378.0
	98	0.21	0.80	378.0	99	0.22	0.82	378.0	100	0.25	0.95	378.0
	101	0.25	0.95	378.0	102	0.32	1.22	378.0	103	0.36	1.35	378.0
	104	0.39	1.47	378.0	105	0.29	1.09	378.0	106	0.31	1.17	378.0
	107	0.26	0.97	378.0	108	0.28	0.99	357.4	109	0.22	0.84	378.0
	110	0.28	0.06	20.6	111	0.33	1.21	368.1	112	0.51	1.88	368.1
	113	0.27	1.11	420.0	114	0.25	1.04	420.0	133	2.03	0.60	29.5
	134	1.89	0.56	29.5	135	1.70	0.50	29.5	136	1.59	0.47	29.5
	137	1.41	0.42	29.5	138	1.24	0.36	29.5	139	1.07	0.32	29.5
	140	0.90	0.27	29.5	142	0.53	1.96	368.1	143	0.24	0.99	420.0
	147	0.24	0.92	377.0	148	0.24	0.90	377.0	149	0.21	0.80	377.0
	150	0.22	0.82	377.0	151	0.26	0.96	377.0	152	0.27	1.02	377.0
	153	0.36	1.36	377.0	154	0.41	1.54	377.0	155	0.44	1.66	377.0
	156	0.29	1.10	377.0	157	0.35	1.32	377.0	158	0.26	0.99	377.0
	159	0.24	0.02	8.9	160	0.22	0.82	377.0	167	1.56	0.46	29.5
	168	1.42	0.42	29.5	169	1.31	0.39	29.5	170	1.12	0.33	29.5
	171	0.94	0.28	29.5	172	0.76	0.22	29.5	173	0.59	0.17	29.5
	174	0.41	0.12	29.5	175	0.73	0.22	29.5	176	0.27	0.06	20.6
	177	0.27	0.06	20.6	178	0.27	0.06	20.6	179	0.27	0.05	20.6
	180	0.26	0.05	20.6	181	0.25	0.05	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.24	0.07	29.5	192	0.11	0.03	29.5	195	0.24	0.05	20.6
	196	0.23	0.05	20.6	199	0.56	0.17	29.5	200	0.40	0.12	29.5
	201	0.21	0.87	420.0	202	0.22	0.82	378.0	203	0.24	0.89	377.0
	204	0.21	0.87	420.0	205	0.20	0.76	378.0	206	0.41	1.55	377.0
	207	0.23	0.97	420.0	208	0.23	0.86	378.0	209	0.54	2.02	377.0
	210	0.20	0.84	420.0	211	0.21	0.78	378.0	212	0.66	2.48	377.0
	213	0.20	0.83	420.0	214	0.20	0.77	378.0	215	0.60	2.26	377.0
	227	1.95	0.58	29.5	228	1.96	0.58	29.5	229	1.97	0.58	29.5
	230	1.98	0.58	29.5	231	2.00	0.59	29.5	232	1.95	0.58	29.5
	233	1.90	0.56	29.5	234	1.85	0.55	29.5	235	1.81	0.53	29.5
	236	1.76	0.52	29.5	237	1.72	0.51	29.5	238	1.67	0.49	29.5
	239	1.63	0.48	29.5	240	1.59	0.47	29.5	241	0.39	0.94	241.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	242	0.20	0.07	33.4	243	0.22	0.10	46.9	244	0.25	0.12	46.9
	245	0.21	0.04	20.6								
177	4	0.13	0.50	378.0	6	0.21	0.78	377.0	7	0.14	0.60	420.0
	8	0.51	2.15	420.0	9	0.47	1.95	420.0	10	0.29	1.21	420.0
	11	0.17	0.73	420.0	12	0.25	1.06	420.0	13	0.30	1.24	420.0
	14	0.28	1.19	420.0	15	0.42	1.78	420.0	16	0.48	2.01	420.0
	17	0.41	1.71	420.0	18	0.28	1.19	420.0	19	0.05	0.23	420.0
	20	0.17	0.70	420.0	21	0.31	1.32	420.0	22	0.42	1.76	420.0
	23	0.15	0.65	420.0	24	0.35	1.47	420.0	25	0.41	1.71	420.0
	27	0.50	1.94	390.5	28	0.42	1.78	420.0	29	0.03	0.14	420.0
	30	0.04	0.17	420.0	31	0.15	0.63	420.0	33	0.37	1.43	386.9
	34	0.34	1.31	386.9	35	0.50	2.09	420.0	36	0.49	2.04	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.34	0.28	20.6
	48	1.08	0.22	20.6	49	0.84	0.17	20.6	50	0.59	0.12	20.6
	51	0.37	0.08	20.6	52	0.22	0.05	20.6	82	3.12	0.92	29.5
	83	2.94	0.87	29.5	84	2.78	0.82	29.5	85	2.60	0.77	29.5
	86	2.44	0.72	29.5	87	2.27	0.67	29.5	88	2.12	0.63	29.5
	89	3.30	0.97	29.5	90	0.30	1.15	378.0	91	0.15	0.55	378.0
	92	0.16	0.59	378.0	93	0.19	0.72	378.0	94	0.29	1.08	378.0
	95	0.32	1.20	378.0	96	0.31	1.18	378.0	97	0.36	1.35	378.0
	98	0.33	1.26	378.0	99	0.31	1.16	378.0	100	0.28	1.07	378.0
	101	0.31	1.17	378.0	102	0.18	0.67	378.0	103	0.15	0.57	378.0
	104	0.11	0.43	378.0	105	0.20	0.77	378.0	106	0.17	0.64	378.0
	107	0.20	0.77	378.0	108	0.21	0.74	357.4	109	0.29	1.10	378.0
	110	0.22	0.04	20.6	111	0.33	1.23	368.1	112	0.46	1.68	368.1
	113	0.50	2.10	420.0	114	0.49	2.08	420.0	133	1.97	0.58	29.5
	134	1.86	0.55	29.5	135	1.67	0.49	29.5	136	1.55	0.46	29.5
	137	1.35	0.40	29.5	138	1.16	0.34	29.5	139	0.98	0.29	29.5
	140	0.80	0.24	29.5	142	0.47	1.72	368.1	143	0.49	2.07	420.0
	147	0.29	1.08	377.0	148	0.29	1.09	377.0	149	0.29	1.09	377.0
	150	0.29	1.07	377.0	151	0.28	1.07	377.0	152	0.32	1.20	377.0
	153	0.26	0.97	377.0	154	0.24	0.90	377.0	155	0.22	0.82	377.0
	156	0.25	0.96	377.0	157	0.26	0.97	377.0	158	0.26	0.96	377.0
	159	0.32	0.03	8.9	160	0.28	1.07	377.0	167	1.83	0.54	29.5
	168	1.68	0.50	29.5	169	1.57	0.46	29.5	170	1.37	0.40	29.5
	171	1.17	0.35	29.5	172	0.99	0.29	29.5	173	0.81	0.24	29.5
	174	0.64	0.19	29.5	175	0.64	0.19	29.5	176	0.22	0.05	20.6
	177	0.22	0.05	20.6	178	0.23	0.05	20.6	179	0.23	0.05	20.6
	180	0.24	0.05	20.6	181	0.25	0.05	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.47	0.14	29.5	192	0.34	0.10	29.5	195	0.26	0.05	20.6
	196	0.27	0.06	20.6	199	0.48	0.14	29.5	200	0.35	0.10	29.5
	201	0.27	1.12	420.0	202	0.30	1.12	378.0	203	0.30	1.14	377.0
	204	0.09	0.39	420.0	205	0.04	0.16	378.0	206	0.41	1.56	377.0
	207	0.36	1.49	420.0	208	0.01	0.05	378.0	209	0.40	1.50	377.0
	210	0.34	1.42	420.0	211	0.15	0.56	378.0	212	0.34	1.29	377.0
	213	0.25	1.04	420.0	214	0.02	0.06	378.0	215	0.51	1.93	377.0
	227	2.24	0.66	29.5	228	2.24	0.66	29.5	229	2.24	0.66	29.5
	230	2.25	0.66	29.5	231	2.26	0.67	29.5	232	2.21	0.65	29.5
	233	2.16	0.64	29.5	234	2.11	0.62	29.5	235	2.07	0.61	29.5
	236	2.02	0.60	29.5	237	1.98	0.58	29.5	238	1.94	0.57	29.5
	239	1.90	0.56	29.5	240	1.86	0.55	29.5	241	0.29	0.70	241.0
	242	0.26	0.09	33.4	243	0.31	0.15	46.9	244	0.33	0.16	46.9
	245	0.29	0.06	20.6								
178	4	0.05	0.19	378.0	6	0.06	0.22	377.0	7	0.17	0.71	420.0
	8	0.17	0.71	420.0	9	0.16	0.68	420.0	10	0.21	0.89	420.0
	11	0.21	0.90	420.0	12	0.26	1.09	420.0	13	0.22	0.92	420.0
	14	0.18	0.74	420.0	15	0.12	0.52	420.0	16	0.08	0.32	420.0
	17	0.10	0.42	420.0	18	0.16	0.66	420.0	19	0.07	0.31	420.0
	20	0.11	0.46	420.0	21	0.16	0.67	420.0	22	0.18	0.77	420.0
	23	0.13	0.53	420.0	24	0.20	0.84	420.0	25	0.21	0.89	420.0
	27	0.16	0.64	390.5	28	0.16	0.69	420.0	29	0.05	0.21	420.0
	30	0.06	0.24	420.0	31	0.16	0.66	420.0	33	0.26	0.99	386.9
	34	0.24	0.94	386.9	35	0.12	0.52	420.0	36	0.09	0.39	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.33	0.28	20.6
	48	1.08	0.22	20.6	49	0.83	0.17	20.6	50	0.58	0.12	20.6
	51	0.34	0.07	20.6	52	0.17	0.04	20.6	82	3.12	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.60	0.77	29.5
	86	2.43	0.72	29.5	87	2.26	0.67	29.5	88	2.10	0.62	29.5
	89	3.30	0.97	29.5	90	0.17	0.66	378.0	91	0.10	0.39	378.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	92	0.10	0.36	378.0	93	0.09	0.34	378.0	94	0.17	0.63	378.0
	95	0.20	0.76	378.0	96	0.20	0.74	378.0	97	0.25	0.93	378.0
	98	0.22	0.82	378.0	99	0.18	0.69	378.0	100	0.16	0.59	378.0
	101	0.17	0.64	378.0	102	0.05	0.21	378.0	103	0.06	0.21	378.0
	104	0.07	0.27	378.0	105	0.05	0.20	378.0	106	0.02	0.09	378.0
	107	0.05	0.20	378.0	108	0.05	0.19	357.4	109	0.16	0.62	378.0
	110	0.15	0.03	20.6	111	0.24	0.87	368.1	112	0.40	1.46	368.1
	113	0.16	0.66	420.0	114	0.14	0.58	420.0	133	1.94	0.57	29.5
	134	1.81	0.53	29.5	135	1.61	0.47	29.5	136	1.49	0.44	29.5
	137	1.30	0.38	29.5	138	1.11	0.33	29.5	139	0.93	0.27	29.5
	140	0.75	0.22	29.5	142	0.41	1.52	368.1	143	0.13	0.53	420.0
	147	0.16	0.62	377.0	148	0.18	0.67	377.0	149	0.17	0.65	377.0
	150	0.16	0.62	377.0	151	0.16	0.59	377.0	152	0.18	0.69	377.0
	153	0.11	0.42	377.0	154	0.08	0.32	377.0	155	0.06	0.22	377.0
	156	0.03	0.12	377.0	157	0.11	0.43	377.0	158	0.03	0.11	377.0
	159	0.26	0.02	8.9	160	0.16	0.60	377.0	167	1.82	0.54	29.5
	168	1.67	0.49	29.5	169	1.55	0.46	29.5	170	1.35	0.40	29.5
	171	1.16	0.34	29.5	172	0.97	0.29	29.5	173	0.79	0.23	29.5
	174	0.60	0.18	29.5	175	0.58	0.17	29.5	176	0.15	0.03	20.6
	177	0.15	0.03	20.6	178	0.15	0.03	20.6	179	0.15	0.03	20.6
	180	0.15	0.03	20.6	181	0.15	0.03	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.42	0.12	29.5	192	0.26	0.08	29.5	195	0.15	0.03	20.6
	196	0.16	0.03	20.6	199	0.41	0.12	29.5	200	0.26	0.08	29.5
	201	0.13	0.54	420.0	202	0.15	0.58	378.0	203	0.17	0.64	377.0
	204	0.10	0.41	420.0	205	0.15	0.58	378.0	206	0.32	1.21	377.0
	207	0.17	0.73	420.0	208	0.25	0.93	378.0	209	0.32	1.22	377.0
	210	0.24	0.99	420.0	211	0.36	1.37	378.0	212	0.57	2.15	377.0
	213	0.20	0.85	420.0	214	0.32	1.21	378.0	215	0.55	2.06	377.0
	227	2.22	0.65	29.5	228	2.22	0.66	29.5	229	2.23	0.66	29.5
	230	2.24	0.66	29.5	231	2.25	0.66	29.5	232	2.20	0.65	29.5
	233	2.15	0.63	29.5	234	2.10	0.62	29.5	235	2.06	0.61	29.5
	236	2.01	0.59	29.5	237	1.96	0.58	29.5	238	1.92	0.57	29.5
	239	1.88	0.56	29.5	240	1.85	0.54	29.5	241	0.17	0.40	241.0
	242	0.14	0.05	33.4	243	0.24	0.11	46.9	244	0.27	0.13	46.9
	245	0.21	0.04	20.6								
179	4	0.53	2.01	378.0	6	0.56	2.12	377.0	7	0.60	2.54	420.0
	8	0.34	1.42	420.0	9	0.30	1.27	420.0	10	0.39	1.62	420.0
	11	0.55	2.31	420.0	12	0.71	2.98	420.0	13	0.76	3.19	420.0
	14	0.33	1.39	420.0	15	0.26	1.11	420.0	16	0.19	0.81	420.0
	17	0.24	1.01	420.0	18	0.30	1.25	420.0	19	0.51	2.13	420.0
	20	0.65	2.73	420.0	21	0.75	3.13	420.0	22	0.80	3.37	420.0
	23	0.64	2.69	420.0	24	0.78	3.27	420.0	25	0.81	3.39	420.0
	27	0.24	0.93	390.5	28	0.79	3.33	420.0	29	0.47	1.99	420.0
	30	0.48	2.01	420.0	31	0.63	2.64	420.0	33	0.34	1.33	386.9
	34	0.29	1.14	386.9	35	0.34	1.41	420.0	36	0.23	0.97	420.0
	45	2.00	0.41	20.6	46	1.77	0.36	20.6	47	1.53	0.31	20.6
	48	1.29	0.27	20.6	49	1.05	0.22	20.6	50	0.82	0.17	20.6
	51	0.59	0.12	20.6	52	0.41	0.08	20.6	82	3.17	0.93	29.5
	83	3.01	0.89	29.5	84	2.84	0.84	29.5	85	2.65	0.78	29.5
	86	2.50	0.74	29.5	87	2.36	0.70	29.5	88	2.20	0.65	29.5
	89	3.33	0.98	29.5	90	0.37	1.38	378.0	91	0.56	2.14	378.0
	92	0.55	2.07	378.0	93	0.48	1.80	378.0	94	0.35	1.32	378.0
	95	0.31	1.17	378.0	96	0.30	1.13	378.0	97	0.27	1.03	378.0
	98	0.24	0.89	378.0	99	0.26	1.00	378.0	100	0.33	1.26	378.0
	101	0.33	1.27	378.0	102	0.45	1.72	378.0	103	0.50	1.91	378.0
	104	0.55	2.07	378.0	105	0.40	1.51	378.0	106	0.44	1.65	378.0
	107	0.37	1.41	378.0	108	0.39	1.39	357.4	109	0.28	1.06	378.0
	110	0.32	0.07	20.6	111	0.35	1.30	368.1	112	0.51	1.88	368.1
	113	0.34	1.42	420.0	114	0.30	1.28	420.0	133	2.05	0.60	29.5
	134	1.92	0.57	29.5	135	1.73	0.51	29.5	136	1.62	0.48	29.5
	137	1.44	0.43	29.5	138	1.26	0.37	29.5	139	1.10	0.32	29.5
	140	0.93	0.27	29.5	142	0.52	1.91	368.1	143	0.29	1.21	420.0
	147	0.30	1.13	377.0	148	0.27	1.01	377.0	149	0.24	0.91	377.0
	150	0.27	1.01	377.0	151	0.33	1.25	377.0	152	0.36	1.36	377.0
	153	0.49	1.83	377.0	154	0.55	2.06	377.0	155	0.59	2.21	377.0
	156	0.40	1.51	377.0	157	0.47	1.77	377.0	158	0.38	1.42	377.0
	159	0.33	0.03	8.9	160	0.28	1.06	377.0	167	1.58	0.47	29.5
	168	1.44	0.42	29.5	169	1.33	0.39	29.5	170	1.15	0.34	29.5
	171	0.96	0.28	29.5	172	0.79	0.23	29.5	173	0.62	0.18	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	174	0.46	0.14	29.5	175	0.76	0.22	29.5	176	0.32	0.07	20.6
	177	0.32	0.07	20.6	178	0.32	0.07	20.6	179	0.32	0.07	20.6
	180	0.31	0.06	20.6	181	0.31	0.06	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.31	0.09	29.5	192	0.22	0.07	29.5	195	0.30	0.06	20.6
	196	0.29	0.06	20.6	199	0.59	0.17	29.5	200	0.43	0.13	29.5
	201	0.27	1.13	420.0	202	0.30	1.15	378.0	203	0.32	1.21	377.0
	204	0.58	2.45	420.0	205	0.31	1.15	378.0	206	0.49	1.87	377.0
	207	0.75	3.16	420.0	208	0.36	1.34	378.0	209	0.64	2.43	377.0
	210	0.70	2.94	420.0	211	0.25	0.95	378.0	212	0.72	2.73	377.0
	213	0.66	2.79	420.0	214	0.25	0.93	378.0	215	0.66	2.48	377.0
	227	1.97	0.58	29.5	228	1.97	0.58	29.5	229	1.98	0.59	29.5
	230	2.00	0.59	29.5	231	2.01	0.59	29.5	232	1.97	0.58	29.5
	233	1.92	0.57	29.5	234	1.87	0.55	29.5	235	1.82	0.54	29.5
	236	1.77	0.52	29.5	237	1.73	0.51	29.5	238	1.69	0.50	29.5
	239	1.65	0.49	29.5	240	1.61	0.48	29.5	241	0.48	1.16	241.0
	242	0.33	0.11	33.4	243	0.33	0.15	46.9	244	0.34	0.16	46.9
	245	0.31	0.06	20.6								
180	4	0.38	1.44	378.0	6	0.42	1.60	377.0	7	0.30	1.25	420.0
	8	0.26	1.07	420.0	9	0.28	1.17	420.0	10	0.30	1.28	420.0
	11	0.33	1.38	420.0	12	0.36	1.51	420.0	13	0.34	1.43	420.0
	14	0.26	1.08	420.0	15	0.25	1.03	420.0	16	0.20	0.85	420.0
	17	0.23	0.95	420.0	18	0.23	0.96	420.0	19	0.22	0.93	420.0
	20	0.25	1.03	420.0	21	0.28	1.17	420.0	22	0.30	1.26	420.0
	23	0.25	1.07	420.0	24	0.32	1.36	420.0	25	0.34	1.41	420.0
	27	0.11	0.43	390.5	28	0.29	1.20	420.0	29	0.20	0.83	420.0
	30	0.21	0.88	420.0	31	0.29	1.20	420.0	33	0.31	1.21	386.9
	34	0.30	1.17	386.9	35	0.22	0.91	420.0	36	0.21	0.87	420.0
	45	2.00	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.28	0.26	20.6	49	1.04	0.22	20.6	50	0.81	0.17	20.6
	51	0.57	0.12	20.6	52	0.38	0.08	20.6	82	3.17	0.93	29.5
	83	3.00	0.89	29.5	84	2.84	0.84	29.5	85	2.68	0.79	29.5
	86	2.51	0.74	29.5	87	2.35	0.69	29.5	88	2.19	0.64	29.5
	89	3.33	0.98	29.5	90	0.27	1.02	378.0	91	0.41	1.57	378.0
	92	0.40	1.52	378.0	93	0.35	1.32	378.0	94	0.27	1.02	378.0
	95	0.26	0.97	378.0	96	0.24	0.93	378.0	97	0.25	0.93	378.0
	98	0.21	0.80	378.0	99	0.22	0.83	378.0	100	0.25	0.93	378.0
	101	0.25	0.93	378.0	102	0.32	1.22	378.0	103	0.36	1.36	378.0
	104	0.39	1.47	378.0	105	0.29	1.09	378.0	106	0.31	1.18	378.0
	107	0.26	0.98	378.0	108	0.28	0.99	357.4	109	0.22	0.84	378.0
	110	0.28	0.06	20.6	111	0.33	1.21	368.1	112	0.51	1.87	368.1
	113	0.26	1.10	420.0	114	0.24	1.03	420.0	133	2.02	0.60	29.5
	134	1.89	0.56	29.5	135	1.70	0.50	29.5	136	1.59	0.47	29.5
	137	1.41	0.42	29.5	138	1.24	0.36	29.5	139	1.07	0.32	29.5
	140	0.90	0.27	29.5	142	0.53	1.95	368.1	143	0.23	0.98	420.0
	147	0.24	0.92	377.0	148	0.24	0.90	377.0	149	0.21	0.80	377.0
	150	0.22	0.82	377.0	151	0.26	0.97	377.0	152	0.27	1.03	377.0
	153	0.36	1.37	377.0	154	0.41	1.55	377.0	155	0.44	1.67	377.0
	156	0.29	1.11	377.0	157	0.35	1.33	377.0	158	0.27	1.00	377.0
	159	0.24	0.02	8.9	160	0.21	0.80	377.0	167	1.56	0.46	29.5
	168	1.42	0.42	29.5	169	1.31	0.39	29.5	170	1.12	0.33	29.5
	171	0.94	0.28	29.5	172	0.76	0.22	29.5	173	0.59	0.17	29.5
	174	0.41	0.12	29.5	175	0.73	0.22	29.5	176	0.28	0.06	20.6
	177	0.27	0.06	20.6	178	0.27	0.06	20.6	179	0.27	0.06	20.6
	180	0.26	0.05	20.6	181	0.26	0.05	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.24	0.07	29.5	192	0.11	0.03	29.5	195	0.25	0.05	20.6
	196	0.23	0.05	20.6	199	0.56	0.17	29.5	200	0.40	0.12	29.5
	201	0.21	0.87	420.0	202	0.22	0.82	378.0	203	0.24	0.90	377.0
	204	0.21	0.89	420.0	205	0.20	0.76	378.0	206	0.41	1.56	377.0
	207	0.24	1.00	420.0	208	0.23	0.86	378.0	209	0.54	2.03	377.0
	210	0.20	0.86	420.0	211	0.20	0.77	378.0	212	0.66	2.49	377.0
	213	0.20	0.85	420.0	214	0.20	0.77	378.0	215	0.60	2.26	377.0
	227	1.95	0.57	29.5	228	1.96	0.58	29.5	229	1.96	0.58	29.5
	230	1.98	0.58	29.5	231	1.99	0.59	29.5	232	1.95	0.58	29.5
	233	1.90	0.56	29.5	234	1.85	0.55	29.5	235	1.80	0.53	29.5
	236	1.76	0.52	29.5	237	1.71	0.51	29.5	238	1.67	0.49	29.5
	239	1.63	0.48	29.5	240	1.59	0.47	29.5	241	0.39	0.95	241.0
	242	0.20	0.07	33.4	243	0.22	0.10	46.9	244	0.25	0.12	46.9

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	245	0.21	0.04	20.6								
181	4	0.10	0.38	378.0	6	0.12	0.47	377.0	7	0.20	0.86	420.0
	8	0.65	2.73	420.0	9	0.49	2.05	420.0	10	0.32	1.35	420.0
	11	0.24	1.03	420.0	12	0.34	1.41	420.0	13	0.36	1.51	420.0
	14	0.29	1.23	420.0	15	0.44	1.83	420.0	16	0.49	2.07	420.0
	17	0.42	1.74	420.0	18	0.28	1.18	420.0	19	0.12	0.50	420.0
	20	0.23	0.95	420.0	21	0.30	1.26	420.0	22	0.28	1.17	420.0
	23	0.20	0.83	420.0	24	0.32	1.36	420.0	25	0.32	1.33	420.0
	27	0.57	2.24	390.5	28	0.30	1.26	420.0	29	0.02	0.07	420.0
	30	0.02	0.08	420.0	31	0.21	0.87	420.0	33	0.39	1.51	386.9
	34	0.36	1.38	386.9	35	0.61	2.55	420.0	36	0.56	2.34	420.0
	45	1.84	0.38	20.6	46	1.60	0.33	20.6	47	1.34	0.28	20.6
	48	1.09	0.22	20.6	49	0.84	0.17	20.6	50	0.59	0.12	20.6
	51	0.36	0.07	20.6	52	0.21	0.04	20.6	82	3.13	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.61	0.77	29.5
	86	2.44	0.72	29.5	87	2.28	0.67	29.5	88	2.13	0.63	29.5
	89	3.31	0.98	29.5	90	0.30	1.14	378.0	91	0.15	0.56	378.0
	92	0.11	0.43	378.0	93	0.19	0.71	378.0	94	0.30	1.12	378.0
	95	0.34	1.27	378.0	96	0.33	1.25	378.0	97	0.39	1.47	378.0
	98	0.35	1.34	378.0	99	0.32	1.20	378.0	100	0.29	1.09	378.0
	101	0.30	1.14	378.0	102	0.16	0.61	378.0	103	0.08	0.29	378.0
	104	0.11	0.42	378.0	105	0.18	0.70	378.0	106	0.15	0.55	378.0
	107	0.18	0.70	378.0	108	0.21	0.77	357.4	109	0.30	1.12	378.0
	110	0.20	0.04	20.6	111	0.35	1.29	368.1	112	0.48	1.76	368.1
	113	0.59	2.48	420.0	114	0.58	2.42	420.0	133	1.98	0.59	29.5
	134	1.87	0.55	29.5	135	1.68	0.50	29.5	136	1.56	0.46	29.5
	137	1.37	0.40	29.5	138	1.17	0.35	29.5	139	0.99	0.29	29.5
	140	0.82	0.24	29.5	142	0.49	1.80	368.1	143	0.57	2.39	420.0
	147	0.29	1.11	377.0	148	0.31	1.16	377.0	149	0.30	1.13	377.0
	150	0.29	1.10	377.0	151	0.28	1.07	377.0	152	0.31	1.15	377.0
	153	0.23	0.87	377.0	154	0.21	0.77	377.0	155	0.11	0.41	377.0
	156	0.24	0.90	377.0	157	0.23	0.87	377.0	158	0.24	0.90	377.0
	159	0.32	0.03	8.9	160	0.29	1.08	377.0	167	1.82	0.54	29.5
	168	1.67	0.49	29.5	169	1.55	0.46	29.5	170	1.36	0.40	29.5
	171	1.16	0.34	29.5	172	0.98	0.29	29.5	173	0.80	0.23	29.5
	174	0.62	0.18	29.5	175	0.65	0.19	29.5	176	0.20	0.04	20.6
	177	0.21	0.04	20.6	178	0.22	0.04	20.6	179	0.22	0.05	20.6
	180	0.23	0.05	20.6	181	0.25	0.05	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.46	0.13	29.5	192	0.33	0.10	29.5	195	0.26	0.05	20.6
	196	0.27	0.06	20.6	199	0.49	0.14	29.5	200	0.36	0.11	29.5
	201	0.27	1.15	420.0	202	0.28	1.08	378.0	203	0.29	1.11	377.0
	204	0.12	0.49	420.0	205	7.60e-03	0.03	378.0	206	0.40	1.52	377.0
	207	0.26	1.07	420.0	208	0.09	0.34	378.0	209	0.08	0.29	377.0
	210	0.20	0.84	420.0	211	0.19	0.73	378.0	212	0.04	0.17	377.0
	213	0.23	0.97	420.0	214	0.15	0.56	378.0	215	0.25	0.93	377.0
	227	2.22	0.66	29.5	228	2.23	0.66	29.5	229	2.23	0.66	29.5
	230	2.24	0.66	29.5	231	2.25	0.66	29.5	232	2.20	0.65	29.5
	233	2.15	0.63	29.5	234	2.10	0.62	29.5	235	2.06	0.61	29.5
	236	2.01	0.59	29.5	237	1.97	0.58	29.5	238	1.92	0.57	29.5
	239	1.88	0.56	29.5	240	1.85	0.55	29.5	241	0.27	0.66	241.0
	242	0.25	0.08	33.4	243	0.31	0.14	46.9	244	0.33	0.15	46.9
	245	0.28	0.06	20.6								
182	4	0.01	0.04	378.0	6	0.09	0.34	377.0	7	0.10	0.41	420.0
	8	0.06	0.24	420.0	9	0.10	0.41	420.0	10	0.16	0.68	420.0
	11	0.14	0.57	420.0	12	0.16	0.67	420.0	13	0.12	0.50	420.0
	14	0.15	0.64	420.0	15	0.07	0.30	420.0	16	0.02	0.09	420.0
	17	0.06	0.23	420.0	18	0.15	0.63	420.0	19	0.02	0.08	420.0
	20	0.01	0.06	420.0	21	0.06	0.25	420.0	22	0.06	0.26	420.0
	23	0.06	0.24	420.0	24	0.09	0.40	420.0	25	0.10	0.41	420.0
	27	0.17	0.66	390.5	28	0.01	0.06	420.0	29	0.03	0.13	420.0
	30	0.04	0.18	420.0	31	0.09	0.36	420.0	33	0.23	0.88	386.9
	34	0.21	0.83	386.9	35	0.02	0.08	420.0	36	0.02	0.08	420.0
	45	1.83	0.38	20.6	46	1.59	0.33	20.6	47	1.33	0.27	20.6
	48	1.07	0.22	20.6	49	0.82	0.17	20.6	50	0.57	0.12	20.6
	51	0.34	0.07	20.6	52	0.17	0.04	20.6	82	3.12	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.60	0.77	29.5
	86	2.43	0.72	29.5	87	2.26	0.67	29.5	88	2.09	0.62	29.5
	89	3.30	0.97	29.5	90	0.17	0.62	378.0	91	0.04	0.16	378.0
	92	0.04	0.15	378.0	93	0.06	0.22	378.0	94	0.15	0.55	378.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	95	0.17	0.64	378.0	96	0.17	0.64	378.0	97	0.20	0.77	378.0
	98	0.19	0.70	378.0	99	0.16	0.61	378.0	100	0.14	0.54	378.0
	101	0.17	0.65	378.0	102	0.04	0.16	378.0	103	0.02	0.07	378.0
	104	0.02	0.08	378.0	105	0.06	0.25	378.0	106	0.03	0.12	378.0
	107	0.06	0.24	378.0	108	0.11	0.38	357.4	109	0.15	0.56	378.0
	110	0.16	0.03	20.6	111	0.21	0.79	368.1	112	0.37	1.38	368.1
	113	0.08	0.32	420.0	114	0.06	0.26	420.0	133	1.93	0.57	29.5
	134	1.80	0.53	29.5	135	1.60	0.47	29.5	136	1.48	0.44	29.5
	137	1.29	0.38	29.5	138	1.10	0.32	29.5	139	0.92	0.27	29.5
	140	0.74	0.22	29.5	142	0.39	1.44	368.1	143	0.05	0.23	420.0
	147	0.15	0.57	377.0	148	0.15	0.58	377.0	149	0.15	0.58	377.0
	150	0.15	0.57	377.0	151	0.15	0.58	377.0	152	0.19	0.71	377.0
	153	0.11	0.41	377.0	154	0.12	0.44	377.0	155	0.10	0.36	377.0
	156	0.09	0.34	377.0	157	0.13	0.50	377.0	158	0.13	0.48	377.0
	159	0.26	0.02	8.9	160	0.15	0.57	377.0	167	1.84	0.54	29.5
	168	1.69	0.50	29.5	169	1.57	0.46	29.5	170	1.37	0.40	29.5
	171	1.17	0.35	29.5	172	0.99	0.29	29.5	173	0.80	0.24	29.5
	174	0.62	0.18	29.5	175	0.56	0.17	29.5	176	0.16	0.03	20.6
	177	0.16	0.03	20.6	178	0.15	0.03	20.6	179	0.15	0.03	20.6
	180	0.15	0.03	20.6	181	0.15	0.03	20.6	182	3.01	0.62	20.6
	183	2.91	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.70	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.43	0.13	29.5	192	0.27	0.08	29.5	195	0.15	0.03	20.6
	196	0.15	0.03	20.6	199	0.39	0.12	29.5	200	0.24	0.07	29.5
	201	0.13	0.55	420.0	202	0.16	0.60	378.0	203	0.17	0.65	377.0
	204	0.05	0.19	420.0	205	0.13	0.50	378.0	206	0.21	0.79	377.0
	207	0.08	0.32	420.0	208	0.21	0.79	378.0	209	0.34	1.28	377.0
	210	0.13	0.53	420.0	211	0.33	1.24	378.0	212	0.58	2.17	377.0
	213	0.11	0.47	420.0	214	0.29	1.10	378.0	215	0.55	2.07	377.0
	227	2.24	0.66	29.5	228	2.24	0.66	29.5	229	2.25	0.66	29.5
	230	2.26	0.67	29.5	231	2.27	0.67	29.5	232	2.22	0.65	29.5
	233	2.17	0.64	29.5	234	2.12	0.63	29.5	235	2.07	0.61	29.5
	236	2.03	0.60	29.5	237	1.98	0.59	29.5	238	1.94	0.57	29.5
	239	1.90	0.56	29.5	240	1.87	0.55	29.5	241	0.18	0.44	241.0
	242	0.14	0.05	33.4	243	0.24	0.11	46.9	244	0.27	0.13	46.9
	245	0.16	0.03	20.6								
183	4	0.49	1.84	378.0	6	0.52	1.97	377.0	7	0.55	2.33	420.0
	8	0.42	1.74	420.0	9	0.25	1.04	420.0	10	0.33	1.37	420.0
	11	0.49	2.06	420.0	12	0.60	2.54	420.0	13	0.62	2.59	420.0
	14	0.29	1.20	420.0	15	0.22	0.93	420.0	16	0.13	0.55	420.0
	17	0.21	0.87	420.0	18	0.26	1.10	420.0	19	0.47	1.95	420.0
	20	0.55	2.30	420.0	21	0.61	2.54	420.0	22	0.64	2.71	420.0
	23	0.56	2.37	420.0	24	0.63	2.64	420.0	25	0.65	2.72	420.0
	27	0.23	0.88	390.5	28	0.63	2.63	420.0	29	0.46	1.93	420.0
	30	0.47	1.96	420.0	31	0.57	2.40	420.0	33	0.36	1.40	386.9
	34	0.33	1.29	386.9	35	0.29	1.20	420.0	36	0.17	0.73	420.0
	45	2.00	0.41	20.6	46	1.77	0.36	20.6	47	1.53	0.32	20.6
	48	1.29	0.27	20.6	49	1.05	0.22	20.6	50	0.82	0.17	20.6
	51	0.59	0.12	20.6	52	0.41	0.08	20.6	82	3.16	0.93	29.5
	83	3.00	0.89	29.5	84	2.84	0.84	29.5	85	2.68	0.79	29.5
	86	2.52	0.74	29.5	87	2.36	0.70	29.5	88	2.21	0.65	29.5
	89	3.32	0.98	29.5	90	0.32	1.23	378.0	91	0.50	1.91	378.0
	92	0.49	1.85	378.0	93	0.43	1.61	378.0	94	0.32	1.21	378.0
	95	0.29	1.08	378.0	96	0.28	1.06	378.0	97	0.25	0.95	378.0
	98	0.24	0.90	378.0	99	0.26	0.99	378.0	100	0.31	1.16	378.0
	101	0.30	1.14	378.0	102	0.41	1.56	378.0	103	0.46	1.73	378.0
	104	0.50	1.87	378.0	105	0.38	1.42	378.0	106	0.40	1.53	378.0
	107	0.36	1.37	378.0	108	0.33	1.18	357.4	109	0.27	1.04	378.0
	110	0.32	0.07	20.6	111	0.37	1.36	368.1	112	0.53	1.94	368.1
	113	0.29	1.23	420.0	114	0.26	1.11	420.0	133	2.06	0.61	29.5
	134	1.93	0.57	29.5	135	1.74	0.51	29.5	136	1.64	0.48	29.5
	137	1.46	0.43	29.5	138	1.28	0.38	29.5	139	1.11	0.33	29.5
	140	0.94	0.28	29.5	142	0.55	2.01	368.1	143	0.25	1.06	420.0
	147	0.28	1.07	377.0	148	0.25	0.95	377.0	149	0.24	0.91	377.0
	150	0.26	1.00	377.0	151	0.31	1.18	377.0	152	0.34	1.26	377.0
	153	0.45	1.70	377.0	154	0.50	1.90	377.0	155	0.54	2.04	377.0
	156	0.38	1.44	377.0	157	0.44	1.67	377.0	158	0.37	1.39	377.0
	159	0.32	0.03	8.9	160	0.28	1.04	377.0	167	1.56	0.46	29.5
	168	1.42	0.42	29.5	169	1.31	0.39	29.5	170	1.13	0.33	29.5
	171	0.94	0.28	29.5	172	0.77	0.23	29.5	173	0.60	0.18	29.5
	174	0.44	0.13	29.5	175	0.77	0.23	29.5	176	0.32	0.07	20.6

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	177	0.32	0.07	20.6	178	0.32	0.07	20.6	179	0.32	0.07	20.6
	180	0.32	0.07	20.6	181	0.31	0.06	20.6	182	3.13	0.64	20.6
	183	3.03	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.30	0.09	29.5	192	0.22	0.06	29.5	195	0.31	0.06	20.6
	196	0.30	0.06	20.6	199	0.60	0.18	29.5	200	0.44	0.13	29.5
	201	0.22	0.92	420.0	202	0.29	1.08	378.0	203	0.31	1.16	377.0
	204	0.56	2.35	420.0	205	0.29	1.09	378.0	206	0.49	1.84	377.0
	207	0.61	2.57	420.0	208	0.33	1.24	378.0	209	0.62	2.35	377.0
	210	0.57	2.40	420.0	211	0.24	0.89	378.0	212	0.72	2.71	377.0
	213	0.56	2.37	420.0	214	0.23	0.88	378.0	215	0.65	2.47	377.0
	227	1.95	0.58	29.5	228	1.96	0.58	29.5	229	1.97	0.58	29.5
	230	1.98	0.58	29.5	231	1.99	0.59	29.5	232	1.95	0.57	29.5
	233	1.89	0.56	29.5	234	1.85	0.54	29.5	235	1.80	0.53	29.5
	236	1.75	0.52	29.5	237	1.71	0.50	29.5	238	1.67	0.49	29.5
	239	1.63	0.48	29.5	240	1.59	0.47	29.5	241	0.46	1.12	241.0
	242	0.31	0.10	33.4	243	0.32	0.15	46.9	244	0.33	0.15	46.9
	245	0.30	0.06	20.6								
184	4	0.42	1.59	378.0	6	0.46	1.72	377.0	7	0.37	1.57	420.0
	8	0.38	1.58	420.0	9	0.34	1.43	420.0	10	0.37	1.55	420.0
	11	0.41	1.72	420.0	12	0.47	1.97	420.0	13	0.45	1.90	420.0
	14	0.30	1.28	420.0	15	0.29	1.23	420.0	16	0.28	1.16	420.0
	17	0.26	1.11	420.0	18	0.26	1.11	420.0	19	0.30	1.26	420.0
	20	0.35	1.47	420.0	21	0.38	1.60	420.0	22	0.42	1.78	420.0
	23	0.33	1.38	420.0	24	0.44	1.85	420.0	25	0.46	1.93	420.0
	27	0.20	0.80	390.5	28	0.43	1.81	420.0	29	0.21	0.88	420.0
	30	0.22	0.92	420.0	31	0.37	1.53	420.0	33	0.30	1.15	386.9
	34	0.29	1.13	386.9	35	0.33	1.40	420.0	36	0.30	1.24	420.0
	45	2.00	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.28	0.26	20.6	49	1.04	0.21	20.6	50	0.80	0.16	20.6
	51	0.57	0.12	20.6	52	0.37	0.08	20.6	82	3.18	0.94	29.5
	83	3.01	0.89	29.5	84	2.85	0.84	29.5	85	2.68	0.79	29.5
	86	2.51	0.74	29.5	87	2.35	0.69	29.5	88	2.18	0.64	29.5
	89	3.35	0.99	29.5	90	0.32	1.20	378.0	91	0.48	1.81	378.0
	92	0.46	1.75	378.0	93	0.40	1.51	378.0	94	0.31	1.18	378.0
	95	0.29	1.11	378.0	96	0.28	1.05	378.0	97	0.29	1.08	378.0
	98	0.22	0.85	378.0	99	0.23	0.86	378.0	100	0.28	1.08	378.0
	101	0.28	1.04	378.0	102	0.36	1.37	378.0	103	0.40	1.53	378.0
	104	0.44	1.67	378.0	105	0.31	1.17	378.0	106	0.34	1.28	378.0
	107	0.26	0.98	378.0	108	0.36	1.28	357.4	109	0.23	0.88	378.0
	110	0.28	0.06	20.6	111	0.31	1.16	368.1	112	0.50	1.83	368.1
	113	0.35	1.45	420.0	114	0.32	1.33	420.0	133	2.02	0.60	29.5
	134	1.88	0.55	29.5	135	1.69	0.50	29.5	136	1.58	0.47	29.5
	137	1.40	0.41	29.5	138	1.22	0.36	29.5	139	1.06	0.31	29.5
	140	0.89	0.26	29.5	142	0.52	1.91	368.1	143	0.30	1.27	420.0
	147	0.27	1.00	377.0	148	0.27	1.01	377.0	149	0.22	0.83	377.0
	150	0.23	0.85	377.0	151	0.27	1.02	377.0	152	0.30	1.13	377.0
	153	0.40	1.49	377.0	154	0.45	1.69	377.0	155	0.48	1.82	377.0
	156	0.31	1.16	377.0	157	0.37	1.40	377.0	158	0.26	1.00	377.0
	159	0.24	0.02	8.9	160	0.23	0.86	377.0	167	1.59	0.47	29.5
	168	1.44	0.43	29.5	169	1.33	0.39	29.5	170	1.14	0.34	29.5
	171	0.96	0.28	29.5	172	0.78	0.23	29.5	173	0.60	0.18	29.5
	174	0.43	0.13	29.5	175	0.72	0.21	29.5	176	0.27	0.06	20.6
	177	0.27	0.05	20.6	178	0.26	0.05	20.6	179	0.26	0.05	20.6
	180	0.25	0.05	20.6	181	0.25	0.05	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.23	0.46	20.6
	191	0.25	0.07	29.5	192	0.11	0.03	29.5	195	0.23	0.05	20.6
	196	0.22	0.05	20.6	199	0.55	0.16	29.5	200	0.38	0.11	29.5
	201	0.27	1.13	420.0	202	0.23	0.88	378.0	203	0.25	0.93	377.0
	204	0.25	1.05	420.0	205	0.19	0.74	378.0	206	0.41	1.56	377.0
	207	0.34	1.41	420.0	208	0.23	0.89	378.0	209	0.55	2.08	377.0
	210	0.28	1.18	420.0	211	0.19	0.70	378.0	212	0.66	2.49	377.0
	213	0.26	1.10	420.0	214	0.18	0.69	378.0	215	0.60	2.26	377.0
	227	1.97	0.58	29.5	228	1.98	0.58	29.5	229	1.99	0.59	29.5
	230	2.00	0.59	29.5	231	2.02	0.60	29.5	232	1.98	0.58	29.5
	233	1.93	0.57	29.5	234	1.88	0.55	29.5	235	1.83	0.54	29.5
	236	1.78	0.53	29.5	237	1.74	0.51	29.5	238	1.70	0.50	29.5
	239	1.65	0.49	29.5	240	1.62	0.48	29.5	241	0.40	0.97	241.0
	242	0.21	0.07	33.4	243	0.23	0.11	46.9	244	0.25	0.12	46.9
	245	0.22	0.05	20.6								

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
185	4	0.10	0.39	378.0	6	0.15	0.55	377.0	7	0.20	0.85	420.0
	8	0.66	2.76	420.0	9	0.49	2.06	420.0	10	0.32	1.36	420.0
	11	0.24	1.03	420.0	12	0.33	1.40	420.0	13	0.36	1.51	420.0
	14	0.30	1.24	420.0	15	0.44	1.84	420.0	16	0.50	2.09	420.0
	17	0.42	1.76	420.0	18	0.28	1.19	420.0	19	0.12	0.50	420.0
	20	0.22	0.94	420.0	21	0.31	1.30	420.0	22	0.29	1.21	420.0
	23	0.19	0.82	420.0	24	0.33	1.40	420.0	25	0.33	1.37	420.0
	27	0.58	2.27	390.5	28	0.31	1.29	420.0	29	0.02	0.07	420.0
	30	0.02	0.08	420.0	31	0.20	0.86	420.0	33	0.39	1.52	386.9
	34	0.36	1.40	386.9	35	0.62	2.59	420.0	36	0.57	2.38	420.0
	45	1.84	0.38	20.6	46	1.60	0.33	20.6	47	1.34	0.28	20.6
	48	1.09	0.22	20.6	49	0.84	0.17	20.6	50	0.60	0.12	20.6
	51	0.37	0.08	20.6	52	0.22	0.04	20.6	82	3.12	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.60	0.77	29.5
	86	2.44	0.72	29.5	87	2.28	0.67	29.5	88	2.12	0.63	29.5
	89	3.30	0.97	29.5	90	0.31	1.16	378.0	91	0.14	0.53	378.0
	92	0.12	0.44	378.0	93	0.19	0.72	378.0	94	0.30	1.14	378.0
	95	0.34	1.29	378.0	96	0.34	1.27	378.0	97	0.39	1.49	378.0
	98	0.36	1.36	378.0	99	0.32	1.22	378.0	100	0.29	1.11	378.0
	101	0.30	1.15	378.0	102	0.16	0.62	378.0	103	0.09	0.33	378.0
	104	0.11	0.42	378.0	105	0.19	0.71	378.0	106	0.15	0.56	378.0
	107	0.19	0.71	378.0	108	0.22	0.78	357.4	109	0.30	1.14	378.0
	110	0.21	0.04	20.6	111	0.35	1.30	368.1	112	0.48	1.77	368.1
	113	0.60	2.52	420.0	114	0.58	2.46	420.0	133	1.98	0.58	29.5
	134	1.87	0.55	29.5	135	1.68	0.50	29.5	136	1.56	0.46	29.5
	137	1.37	0.40	29.5	138	1.17	0.35	29.5	139	0.99	0.29	29.5
	140	0.82	0.24	29.5	142	0.49	1.81	368.1	143	0.58	2.43	420.0
	147	0.30	1.12	377.0	148	0.31	1.17	377.0	149	0.30	1.15	377.0
	150	0.30	1.11	377.0	151	0.29	1.08	377.0	152	0.31	1.17	377.0
	153	0.24	0.89	377.0	154	0.21	0.79	377.0	155	0.13	0.50	377.0
	156	0.24	0.91	377.0	157	0.24	0.89	377.0	158	0.24	0.92	377.0
	159	0.32	0.03	8.9	160	0.29	1.09	377.0	167	1.82	0.54	29.5
	168	1.67	0.49	29.5	169	1.55	0.46	29.5	170	1.35	0.40	29.5
	171	1.16	0.34	29.5	172	0.97	0.29	29.5	173	0.79	0.23	29.5
	174	0.62	0.18	29.5	175	0.65	0.19	29.5	176	0.21	0.04	20.6
	177	0.22	0.04	20.6	178	0.22	0.05	20.6	179	0.23	0.05	20.6
	180	0.24	0.05	20.6	181	0.25	0.05	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.46	0.14	29.5	192	0.34	0.10	29.5	195	0.26	0.05	20.6
	196	0.28	0.06	20.6	199	0.49	0.15	29.5	200	0.36	0.11	29.5
	201	0.28	1.16	420.0	202	0.29	1.09	378.0	203	0.30	1.12	377.0
	204	0.11	0.48	420.0	205	0.01	0.05	378.0	206	0.41	1.53	377.0
	207	0.27	1.11	420.0	208	0.09	0.33	378.0	209	0.10	0.38	377.0
	210	0.21	0.88	420.0	211	0.19	0.71	378.0	212	0.07	0.26	377.0
	213	0.24	1.00	420.0	214	0.14	0.54	378.0	215	0.27	1.03	377.0
	227	2.22	0.66	29.5	228	2.22	0.66	29.5	229	2.23	0.66	29.5
	230	2.23	0.66	29.5	231	2.25	0.66	29.5	232	2.20	0.65	29.5
	233	2.15	0.63	29.5	234	2.10	0.62	29.5	235	2.05	0.61	29.5
	236	2.01	0.59	29.5	237	1.96	0.58	29.5	238	1.92	0.57	29.5
	239	1.88	0.56	29.5	240	1.84	0.54	29.5	241	0.28	0.66	241.0
	242	0.25	0.08	33.4	243	0.31	0.15	46.9	244	0.33	0.15	46.9
	245	0.28	0.06	20.6								
186	4	0.01	0.04	378.0	6	0.09	0.35	377.0	7	0.10	0.41	420.0
	8	0.06	0.23	420.0	9	0.10	0.41	420.0	10	0.16	0.69	420.0
	11	0.14	0.57	420.0	12	0.16	0.67	420.0	13	0.12	0.49	420.0
	14	0.15	0.65	420.0	15	0.07	0.31	420.0	16	0.03	0.11	420.0
	17	0.06	0.25	420.0	18	0.15	0.64	420.0	19	0.02	0.08	420.0
	20	0.01	0.06	420.0	21	0.06	0.24	420.0	22	0.06	0.25	420.0
	23	0.06	0.24	420.0	24	0.09	0.39	420.0	25	0.10	0.40	420.0
	27	0.17	0.65	390.5	28	3.98e-03	0.02	420.0	29	0.03	0.13	420.0
	30	0.04	0.19	420.0	31	0.09	0.36	420.0	33	0.23	0.90	386.9
	34	0.22	0.85	386.9	35	0.02	0.08	420.0	36	0.02	0.09	420.0
	45	1.83	0.38	20.6	46	1.59	0.33	20.6	47	1.33	0.27	20.6
	48	1.08	0.22	20.6	49	0.82	0.17	20.6	50	0.58	0.12	20.6
	51	0.34	0.07	20.6	52	0.18	0.04	20.6	82	3.12	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.60	0.77	29.5
	86	2.43	0.72	29.5	87	2.26	0.67	29.5	88	2.09	0.62	29.5
	89	3.30	0.97	29.5	90	0.17	0.64	378.0	91	0.04	0.16	378.0
	92	0.04	0.16	378.0	93	0.06	0.23	378.0	94	0.15	0.57	378.0
	95	0.18	0.66	378.0	96	0.17	0.65	378.0	97	0.21	0.79	378.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	98	0.19	0.72	378.0	99	0.17	0.63	378.0	100	0.15	0.55	378.0
	101	0.18	0.66	378.0	102	0.04	0.17	378.0	103	0.02	0.08	378.0
	104	0.02	0.08	378.0	105	0.07	0.26	378.0	106	0.03	0.13	378.0
	107	0.05	0.18	378.0	108	0.10	0.36	357.4	109	0.15	0.58	378.0
	110	0.17	0.03	20.6	111	0.22	0.80	368.1	112	0.38	1.38	368.1
	113	0.08	0.32	420.0	114	0.06	0.27	420.0	133	1.93	0.57	29.5
	134	1.79	0.53	29.5	135	1.59	0.47	29.5	136	1.48	0.44	29.5
	137	1.29	0.38	29.5	138	1.09	0.32	29.5	139	0.92	0.27	29.5
	140	0.74	0.22	29.5	142	0.39	1.45	368.1	143	0.06	0.23	420.0
	147	0.16	0.59	377.0	148	0.16	0.59	377.0	149	0.16	0.59	377.0
	150	0.15	0.58	377.0	151	0.16	0.59	377.0	152	0.19	0.73	377.0
	153	0.09	0.32	377.0	154	0.12	0.45	377.0	155	0.10	0.37	377.0
	156	0.12	0.43	377.0	157	0.12	0.45	377.0	158	0.13	0.49	377.0
	159	0.26	0.02	8.9	160	0.15	0.58	377.0	167	1.83	0.54	29.5
	168	1.69	0.50	29.5	169	1.57	0.46	29.5	170	1.37	0.40	29.5
	171	1.17	0.35	29.5	172	0.99	0.29	29.5	173	0.80	0.24	29.5
	174	0.62	0.18	29.5	175	0.56	0.17	29.5	176	0.16	0.03	20.6
	177	0.16	0.03	20.6	178	0.16	0.03	20.6	179	0.16	0.03	20.6
	180	0.16	0.03	20.6	181	0.15	0.03	20.6	182	3.01	0.62	20.6
	183	2.91	0.60	20.6	184	2.84	0.58	20.6	185	2.77	0.57	20.6
	186	2.70	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.43	0.13	29.5	192	0.27	0.08	29.5	195	0.15	0.03	20.6
	196	0.15	0.03	20.6	199	0.39	0.12	29.5	200	0.24	0.07	29.5
	201	0.13	0.56	420.0	202	0.16	0.61	378.0	203	0.18	0.67	377.0
	204	0.04	0.18	420.0	205	0.13	0.48	378.0	206	0.18	0.70	377.0
	207	0.07	0.30	420.0	208	0.20	0.77	378.0	209	0.34	1.29	377.0
	210	0.12	0.50	420.0	211	0.32	1.22	378.0	212	0.58	2.18	377.0
	213	0.10	0.43	420.0	214	0.29	1.08	378.0	215	0.55	2.08	377.0
	227	2.24	0.66	29.5	228	2.24	0.66	29.5	229	2.24	0.66	29.5
	230	2.25	0.66	29.5	231	2.26	0.67	29.5	232	2.22	0.65	29.5
	233	2.16	0.64	29.5	234	2.12	0.62	29.5	235	2.07	0.61	29.5
	236	2.02	0.60	29.5	237	1.98	0.58	29.5	238	1.94	0.57	29.5
	239	1.90	0.56	29.5	240	1.86	0.55	29.5	241	0.18	0.44	241.0
	242	0.15	0.05	33.4	243	0.24	0.11	46.9	244	0.27	0.13	46.9
	245	0.21	0.04	20.6								
187	4	0.49	1.85	378.0	6	0.53	1.98	377.0	7	0.56	2.34	420.0
	8	0.41	1.73	420.0	9	0.25	1.04	420.0	10	0.33	1.38	420.0
	11	0.49	2.07	420.0	12	0.61	2.57	420.0	13	0.63	2.63	420.0
	14	0.29	1.21	420.0	15	0.22	0.93	420.0	16	0.13	0.55	420.0
	17	0.21	0.88	420.0	18	0.26	1.11	420.0	19	0.47	1.97	420.0
	20	0.56	2.34	420.0	21	0.62	2.58	420.0	22	0.65	2.75	420.0
	23	0.57	2.41	420.0	24	0.64	2.68	420.0	25	0.66	2.76	420.0
	27	0.22	0.87	390.5	28	0.64	2.67	420.0	29	0.46	1.94	420.0
	30	0.47	1.97	420.0	31	0.58	2.44	420.0	33	0.36	1.41	386.9
	34	0.33	1.29	386.9	35	0.28	1.18	420.0	36	0.17	0.72	420.0
	45	2.00	0.41	20.6	46	1.77	0.37	20.6	47	1.53	0.32	20.6
	48	1.29	0.27	20.6	49	1.06	0.22	20.6	50	0.82	0.17	20.6
	51	0.59	0.12	20.6	52	0.41	0.08	20.6	82	3.16	0.93	29.5
	83	3.00	0.88	29.5	84	2.84	0.84	29.5	85	2.68	0.79	29.5
	86	2.52	0.74	29.5	87	2.36	0.70	29.5	88	2.21	0.65	29.5
	89	3.32	0.98	29.5	90	0.33	1.23	378.0	91	0.50	1.91	378.0
	92	0.49	1.85	378.0	93	0.43	1.62	378.0	94	0.32	1.21	378.0
	95	0.29	1.09	378.0	96	0.28	1.06	378.0	97	0.25	0.96	378.0
	98	0.24	0.91	378.0	99	0.26	1.00	378.0	100	0.31	1.17	378.0
	101	0.30	1.14	378.0	102	0.41	1.57	378.0	103	0.46	1.73	378.0
	104	0.50	1.88	378.0	105	0.38	1.43	378.0	106	0.41	1.53	378.0
	107	0.37	1.38	378.0	108	0.33	1.19	357.4	109	0.28	1.05	378.0
	110	0.32	0.07	20.6	111	0.37	1.36	368.1	112	0.53	1.94	368.1
	113	0.29	1.22	420.0	114	0.26	1.10	420.0	133	2.06	0.61	29.5
	134	1.93	0.57	29.5	135	1.74	0.51	29.5	136	1.64	0.48	29.5
	137	1.46	0.43	29.5	138	1.28	0.38	29.5	139	1.11	0.33	29.5
	140	0.94	0.28	29.5	142	0.55	2.01	368.1	143	0.25	1.05	420.0
	147	0.28	1.07	377.0	148	0.25	0.96	377.0	149	0.24	0.92	377.0
	150	0.27	1.01	377.0	151	0.31	1.19	377.0	152	0.34	1.27	377.0
	153	0.45	1.71	377.0	154	0.51	1.92	377.0	155	0.54	2.05	377.0
	156	0.39	1.45	377.0	157	0.45	1.68	377.0	158	0.37	1.40	377.0
	159	0.32	0.03	8.9	160	0.28	1.05	377.0	167	1.56	0.46	29.5
	168	1.42	0.42	29.5	169	1.31	0.39	29.5	170	1.13	0.33	29.5
	171	0.94	0.28	29.5	172	0.77	0.23	29.5	173	0.60	0.18	29.5
	174	0.44	0.13	29.5	175	0.77	0.23	29.5	176	0.32	0.07	20.6
	177	0.32	0.07	20.6	178	0.32	0.07	20.6	179	0.32	0.07	20.6

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	180	0.32	0.07	20.6	181	0.32	0.07	20.6	182	3.13	0.64	20.6
	183	3.03	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.30	0.09	29.5	192	0.22	0.06	29.5	195	0.31	0.06	20.6
	196	0.30	0.06	20.6	199	0.61	0.18	29.5	200	0.45	0.13	29.5
	201	0.22	0.93	420.0	202	0.29	1.09	378.0	203	0.31	1.17	377.0
	204	0.56	2.36	420.0	205	0.29	1.11	378.0	206	0.49	1.85	377.0
	207	0.62	2.61	420.0	208	0.33	1.25	378.0	209	0.63	2.36	377.0
	210	0.58	2.43	420.0	211	0.24	0.90	378.0	212	0.72	2.71	377.0
	213	0.57	2.40	420.0	214	0.24	0.89	378.0	215	0.66	2.47	377.0
	227	1.95	0.58	29.5	228	1.96	0.58	29.5	229	1.96	0.58	29.5
	230	1.98	0.58	29.5	231	1.99	0.59	29.5	232	1.94	0.57	29.5
	233	1.89	0.56	29.5	234	1.84	0.54	29.5	235	1.80	0.53	29.5
	236	1.75	0.52	29.5	237	1.71	0.50	29.5	238	1.67	0.49	29.5
	239	1.63	0.48	29.5	240	1.59	0.47	29.5	241	0.47	1.13	241.0
	242	0.32	0.11	33.4	243	0.32	0.15	46.9	244	0.33	0.16	46.9
	245	0.30	0.06	20.6								
188	4	0.42	1.59	378.0	6	0.46	1.73	377.0	7	0.38	1.59	420.0
	8	0.37	1.56	420.0	9	0.34	1.42	420.0	10	0.37	1.55	420.0
	11	0.41	1.74	420.0	12	0.47	1.99	420.0	13	0.46	1.92	420.0
	14	0.30	1.28	420.0	15	0.29	1.22	420.0	16	0.27	1.15	420.0
	17	0.26	1.10	420.0	18	0.26	1.11	420.0	19	0.31	1.29	420.0
	20	0.36	1.50	420.0	21	0.39	1.64	420.0	22	0.43	1.81	420.0
	23	0.33	1.41	420.0	24	0.45	1.88	420.0	25	0.47	1.96	420.0
	27	0.19	0.76	390.5	28	0.44	1.85	420.0	29	0.22	0.91	420.0
	30	0.22	0.94	420.0	31	0.37	1.56	420.0	33	0.30	1.15	386.9
	34	0.29	1.13	386.9	35	0.33	1.38	420.0	36	0.29	1.22	420.0
	45	2.00	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.28	0.26	20.6	49	1.04	0.21	20.6	50	0.80	0.17	20.6
	51	0.57	0.12	20.6	52	0.38	0.08	20.6	82	3.18	0.94	29.5
	83	3.01	0.89	29.5	84	2.85	0.84	29.5	85	2.68	0.79	29.5
	86	2.51	0.74	29.5	87	2.34	0.69	29.5	88	2.18	0.64	29.5
	89	3.35	0.99	29.5	90	0.32	1.20	378.0	91	0.48	1.81	378.0
	92	0.46	1.75	378.0	93	0.40	1.52	378.0	94	0.31	1.18	378.0
	95	0.29	1.10	378.0	96	0.28	1.04	378.0	97	0.28	1.07	378.0
	98	0.22	0.84	378.0	99	0.23	0.86	378.0	100	0.29	1.08	378.0
	101	0.28	1.04	378.0	102	0.36	1.38	378.0	103	0.41	1.53	378.0
	104	0.44	1.67	378.0	105	0.31	1.17	378.0	106	0.34	1.29	378.0
	107	0.26	0.99	378.0	108	0.36	1.29	357.4	109	0.23	0.88	378.0
	110	0.28	0.06	20.6	111	0.31	1.16	368.1	112	0.50	1.83	368.1
	113	0.34	1.43	420.0	114	0.31	1.31	420.0	133	2.02	0.60	29.5
	134	1.88	0.55	29.5	135	1.68	0.50	29.5	136	1.58	0.47	29.5
	137	1.40	0.41	29.5	138	1.22	0.36	29.5	139	1.06	0.31	29.5
	140	0.89	0.26	29.5	142	0.52	1.91	368.1	143	0.30	1.25	420.0
	147	0.27	1.00	377.0	148	0.27	1.00	377.0	149	0.22	0.83	377.0
	150	0.23	0.85	377.0	151	0.28	1.05	377.0	152	0.30	1.13	377.0
	153	0.40	1.50	377.0	154	0.45	1.70	377.0	155	0.49	1.84	377.0
	156	0.31	1.17	377.0	157	0.38	1.42	377.0	158	0.27	1.01	377.0
	159	0.25	0.02	8.9	160	0.23	0.87	377.0	167	1.58	0.47	29.5
	168	1.44	0.43	29.5	169	1.33	0.39	29.5	170	1.14	0.34	29.5
	171	0.96	0.28	29.5	172	0.78	0.23	29.5	173	0.60	0.18	29.5
	174	0.43	0.13	29.5	175	0.72	0.21	29.5	176	0.28	0.06	20.6
	177	0.27	0.06	20.6	178	0.27	0.06	20.6	179	0.26	0.05	20.6
	180	0.26	0.05	20.6	181	0.25	0.05	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.23	0.46	20.6
	191	0.25	0.07	29.5	192	0.11	0.03	29.5	195	0.24	0.05	20.6
	196	0.22	0.05	20.6	199	0.55	0.16	29.5	200	0.38	0.11	29.5
	201	0.27	1.14	420.0	202	0.24	0.89	378.0	203	0.25	0.94	377.0
	204	0.26	1.09	420.0	205	0.20	0.74	378.0	206	0.42	1.57	377.0
	207	0.35	1.45	420.0	208	0.24	0.89	378.0	209	0.55	2.09	377.0
	210	0.29	1.22	420.0	211	0.19	0.70	378.0	212	0.66	2.50	377.0
	213	0.27	1.13	420.0	214	0.18	0.69	378.0	215	0.60	2.26	377.0
	227	1.96	0.58	29.5	228	1.97	0.58	29.5	229	1.98	0.58	29.5
	230	2.00	0.59	29.5	231	2.02	0.59	29.5	232	1.98	0.58	29.5
	233	1.92	0.57	29.5	234	1.87	0.55	29.5	235	1.83	0.54	29.5
	236	1.78	0.53	29.5	237	1.74	0.51	29.5	238	1.69	0.50	29.5
	239	1.65	0.49	29.5	240	1.61	0.48	29.5	241	0.41	0.98	241.0
	242	0.21	0.07	33.4	243	0.23	0.11	46.9	244	0.25	0.12	46.9
	245	0.22	0.05	20.6								
189	4	0.10	0.36	378.0	6	0.19	0.70	377.0	7	0.18	0.74	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	8	0.37	1.57	420.0	9	0.31	1.28	420.0	10	0.31	1.28	420.0
	11	0.23	0.97	420.0	12	0.22	0.92	420.0	13	0.16	0.69	420.0
	14	0.30	1.24	420.0	15	0.29	1.20	420.0	16	0.28	1.20	420.0
	17	0.28	1.16	420.0	18	0.07	0.28	420.0	19	0.14	0.59	420.0
	20	0.07	0.30	420.0	21	0.09	0.39	420.0	22	0.08	0.32	420.0
	23	0.10	0.41	420.0	24	0.13	0.56	420.0	25	0.13	0.55	420.0
	27	0.32	1.26	390.5	28	0.08	0.32	420.0	29	0.15	0.62	420.0
	30	0.14	0.61	420.0	31	0.15	0.64	420.0	33	0.39	1.50	386.9
	34	0.35	1.35	386.9	35	0.34	1.43	420.0	36	0.30	1.28	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.34	0.28	20.6
	48	1.09	0.22	20.6	49	0.84	0.17	20.6	50	0.59	0.12	20.6
	51	0.37	0.08	20.6	52	0.22	0.05	20.6	82	3.13	0.92	29.5
	83	2.96	0.87	29.5	84	2.79	0.82	29.5	85	2.61	0.77	29.5
	86	2.45	0.72	29.5	87	2.29	0.67	29.5	88	2.14	0.63	29.5
	89	3.31	0.98	29.5	90	0.32	1.19	378.0	91	0.08	0.31	378.0
	92	0.07	0.26	378.0	93	0.17	0.64	378.0	94	0.30	1.13	378.0
	95	0.33	1.23	378.0	96	0.32	1.22	378.0	97	0.37	1.40	378.0
	98	0.35	1.31	378.0	99	0.32	1.20	378.0	100	0.30	1.12	378.0
	101	0.20	0.75	378.0	102	0.16	0.60	378.0	103	0.08	0.31	378.0
	104	0.11	0.41	378.0	105	0.18	0.70	378.0	106	0.15	0.57	378.0
	107	0.19	0.70	378.0	108	0.19	0.67	357.4	109	0.30	1.14	378.0
	110	0.21	0.04	20.6	111	0.35	1.28	368.1	112	0.47	1.73	368.1
	113	0.33	1.41	420.0	114	0.32	1.36	420.0	133	1.99	0.59	29.5
	134	1.88	0.55	29.5	135	1.69	0.50	29.5	136	1.57	0.46	29.5
	137	1.37	0.41	29.5	138	1.18	0.35	29.5	139	1.00	0.30	29.5
	140	0.83	0.24	29.5	142	0.48	1.77	368.1	143	0.32	1.33	420.0
	147	0.30	1.12	377.0	148	0.30	1.13	377.0	149	0.30	1.13	377.0
	150	0.30	1.12	377.0	151	0.30	1.12	377.0	152	0.76	2.86	377.0
	153	0.24	0.90	377.0	154	0.22	0.83	377.0	155	0.19	0.70	377.0
	156	0.24	0.89	377.0	157	0.24	0.90	377.0	158	0.24	0.89	377.0
	159	0.31	0.03	8.9	160	0.30	1.11	377.0	167	1.83	0.54	29.5
	168	1.68	0.50	29.5	169	1.56	0.46	29.5	170	1.37	0.40	29.5
	171	1.17	0.35	29.5	172	0.99	0.29	29.5	173	0.81	0.24	29.5
	174	0.63	0.19	29.5	175	0.66	0.19	29.5	176	0.22	0.04	20.6
	177	0.22	0.05	20.6	178	0.23	0.05	20.6	179	0.24	0.05	20.6
	180	0.24	0.05	20.6	181	0.26	0.05	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.47	0.14	29.5	192	0.35	0.10	29.5	195	0.27	0.06	20.6
	196	0.28	0.06	20.6	199	0.50	0.15	29.5	200	0.37	0.11	29.5
	201	0.28	1.17	420.0	202	0.31	1.17	378.0	203	0.32	1.20	377.0
	204	0.11	0.47	420.0	205	0.02	0.06	378.0	206	0.40	1.51	377.0
	207	0.07	0.28	420.0	208	0.07	0.28	378.0	209	0.15	0.58	377.0
	210	0.04	0.19	420.0	211	0.18	0.67	378.0	212	0.12	0.45	377.0
	213	0.04	0.17	420.0	214	0.13	0.51	378.0	215	0.31	1.17	377.0
	227	2.23	0.66	29.5	228	2.24	0.66	29.5	229	2.24	0.66	29.5
	230	2.25	0.66	29.5	231	2.26	0.67	29.5	232	2.21	0.65	29.5
	233	2.16	0.64	29.5	234	2.11	0.62	29.5	235	2.07	0.61	29.5
	236	2.02	0.60	29.5	237	1.98	0.58	29.5	238	1.93	0.57	29.5
	239	1.89	0.56	29.5	240	1.86	0.55	29.5	241	0.28	0.66	241.0
	242	0.24	0.08	33.4	243	0.30	0.14	46.9	244	0.32	0.15	46.9
	245	0.27	0.06	20.6								
190	4	0.07	0.26	378.0	6	0.05	0.20	377.0	7	0.16	0.66	420.0
	8	0.27	1.12	420.0	9	0.21	0.90	420.0	10	0.22	0.94	420.0
	11	0.22	0.91	420.0	12	0.26	1.11	420.0	13	0.21	0.88	420.0
	14	0.18	0.77	420.0	15	0.18	0.74	420.0	16	0.16	0.67	420.0
	17	0.16	0.67	420.0	18	0.10	0.42	420.0	19	0.03	0.14	420.0
	20	0.07	0.30	420.0	21	0.13	0.55	420.0	22	0.16	0.67	420.0
	23	0.10	0.41	420.0	24	0.18	0.77	420.0	25	0.20	0.83	420.0
	27	0.22	0.86	390.5	28	0.14	0.58	420.0	29	7.16e-03	0.03	420.0
	30	0.01	0.06	420.0	31	0.14	0.59	420.0	33	0.27	1.06	386.9
	34	0.26	0.99	386.9	35	0.22	0.94	420.0	36	0.18	0.77	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.34	0.28	20.6
	48	1.08	0.22	20.6	49	0.83	0.17	20.6	50	0.58	0.12	20.6
	51	0.34	0.07	20.6	52	0.17	0.04	20.6	82	3.13	0.92	29.5
	83	2.96	0.87	29.5	84	2.79	0.82	29.5	85	2.61	0.77	29.5
	86	2.44	0.72	29.5	87	2.27	0.67	29.5	88	2.11	0.62	29.5
	89	3.31	0.98	29.5	90	0.18	0.69	378.0	91	0.11	0.41	378.0
	92	0.10	0.37	378.0	93	0.08	0.30	378.0	94	0.18	0.66	378.0
	95	0.21	0.79	378.0	96	0.20	0.77	378.0	97	0.26	0.97	378.0
	98	0.23	0.86	378.0	99	0.19	0.73	378.0	100	0.17	0.63	378.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	101	0.06	0.24	378.0	102	0.04	0.16	378.0	103	0.06	0.23	378.0
	104	0.08	0.31	378.0	105	0.03	0.12	378.0	106	0.02	0.06	378.0
	107	0.04	0.14	378.0	108	0.03	0.12	357.4	109	0.17	0.66	378.0
	110	0.15	0.03	20.6	111	0.25	0.92	368.1	112	0.41	1.51	368.1
	113	0.23	0.97	420.0	114	0.21	0.90	420.0	133	1.95	0.58	29.5
	134	1.83	0.54	29.5	135	1.63	0.48	29.5	136	1.51	0.45	29.5
	137	1.32	0.39	29.5	138	1.13	0.33	29.5	139	0.95	0.28	29.5
	140	0.77	0.23	29.5	142	0.43	1.57	368.1	143	0.21	0.86	420.0
	147	0.18	0.66	377.0	148	0.19	0.71	377.0	149	0.18	0.69	377.0
	150	0.18	0.66	377.0	151	0.17	0.64	377.0	152	0.52	1.94	377.0
	153	0.09	0.36	377.0	154	0.07	0.25	377.0	155	0.04	0.14	377.0
	156	0.10	0.38	377.0	157	0.10	0.37	377.0	158	0.10	0.37	377.0
	159	0.25	0.02	8.9	160	0.17	0.65	377.0	167	1.81	0.54	29.5
	168	1.67	0.49	29.5	169	1.55	0.46	29.5	170	1.35	0.40	29.5
	171	1.15	0.34	29.5	172	0.97	0.29	29.5	173	0.78	0.23	29.5
	174	0.60	0.18	29.5	175	0.60	0.18	29.5	176	0.15	0.03	20.6
	177	0.15	0.03	20.6	178	0.15	0.03	20.6	179	0.15	0.03	20.6
	180	0.15	0.03	20.6	181	0.16	0.03	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.42	0.12	29.5	192	0.26	0.08	29.5	195	0.16	0.03	20.6
	196	0.17	0.03	20.6	199	0.43	0.13	29.5	200	0.27	0.08	29.5
	201	0.14	0.59	420.0	202	0.17	0.63	378.0	203	0.19	0.71	377.0
	204	0.06	0.24	420.0	205	0.18	0.67	378.0	206	0.31	1.16	377.0
	207	0.14	0.59	420.0	208	0.27	1.04	378.0	209	0.31	1.16	377.0
	210	0.21	0.86	420.0	211	0.39	1.47	378.0	212	0.56	2.11	377.0
	213	0.17	0.71	420.0	214	0.35	1.31	378.0	215	0.54	2.03	377.0
	227	2.22	0.65	29.5	228	2.22	0.65	29.5	229	2.23	0.66	29.5
	230	2.23	0.66	29.5	231	2.25	0.66	29.5	232	2.20	0.65	29.5
	233	2.15	0.63	29.5	234	2.10	0.62	29.5	235	2.05	0.61	29.5
	236	2.01	0.59	29.5	237	1.96	0.58	29.5	238	1.92	0.57	29.5
	239	1.88	0.55	29.5	240	1.84	0.54	29.5	241	0.17	0.40	241.0
	242	0.12	0.04	33.4	243	0.23	0.11	46.9	244	0.26	0.12	46.9
	245	0.20	0.04	20.6								
191	4	0.55	2.06	378.0	6	0.57	2.16	377.0	7	0.45	1.89	420.0
	8	0.23	0.97	420.0	9	0.33	1.38	420.0	10	0.38	1.58	420.0
	11	0.47	1.99	420.0	12	0.53	2.21	420.0	13	0.52	2.18	420.0
	14	0.32	1.32	420.0	15	0.30	1.27	420.0	16	0.20	0.84	420.0
	17	0.28	1.18	420.0	18	0.49	2.04	420.0	19	0.36	1.52	420.0
	20	0.41	1.70	420.0	21	0.47	1.97	420.0	22	0.51	2.13	420.0
	23	0.42	1.76	420.0	24	0.51	2.16	420.0	25	0.53	2.24	420.0
	27	0.08	0.32	390.5	28	0.49	2.06	420.0	29	0.35	1.45	420.0
	30	0.35	1.47	420.0	31	0.44	1.87	420.0	33	0.30	1.18	386.9
	34	0.30	1.16	386.9	35	0.19	0.78	420.0	36	0.18	0.74	420.0
	45	1.98	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.28	0.26	20.6	49	1.05	0.22	20.6	50	0.81	0.17	20.6
	51	0.58	0.12	20.6	52	0.40	0.08	20.6	82	3.17	0.93	29.5
	83	3.00	0.89	29.5	84	2.84	0.84	29.5	85	2.68	0.79	29.5
	86	2.51	0.74	29.5	87	2.35	0.69	29.5	88	2.19	0.65	29.5
	89	3.33	0.98	29.5	90	0.35	1.31	378.0	91	0.58	2.19	378.0
	92	0.56	2.11	378.0	93	0.48	1.82	378.0	94	0.33	1.25	378.0
	95	0.29	1.10	378.0	96	0.28	1.06	378.0	97	0.26	0.96	378.0
	98	0.20	0.75	378.0	99	0.24	0.91	378.0	100	0.31	1.17	378.0
	101	0.40	1.53	378.0	102	0.46	1.74	378.0	103	0.51	1.94	378.0
	104	0.56	2.12	378.0	105	0.40	1.53	378.0	106	0.44	1.67	378.0
	107	0.38	1.43	378.0	108	0.39	1.41	357.4	109	0.26	0.97	378.0
	110	0.31	0.06	20.6	111	0.34	1.24	368.1	112	0.49	1.82	368.1
	113	0.28	1.19	420.0	114	0.25	1.07	420.0	133	2.04	0.60	29.5
	134	1.89	0.56	29.5	135	1.66	0.49	29.5	136	1.58	0.46	29.5
	137	1.42	0.42	29.5	138	1.25	0.37	29.5	139	1.08	0.32	29.5
	140	0.91	0.27	29.5	142	0.52	1.91	368.1	143	0.24	0.99	420.0
	147	0.28	1.06	377.0	148	0.25	0.95	377.0	149	0.22	0.84	377.0
	150	0.25	0.93	377.0	151	0.31	1.17	377.0	152	0.31	1.18	377.0
	153	0.49	1.85	377.0	154	0.55	2.09	377.0	155	0.60	2.25	377.0
	156	0.41	1.53	377.0	157	0.48	1.79	377.0	158	0.38	1.45	377.0
	159	0.34	0.03	8.9	160	0.26	0.98	377.0	167	1.59	0.47	29.5
	168	1.45	0.43	29.5	169	1.34	0.39	29.5	170	1.15	0.34	29.5
	171	0.97	0.29	29.5	172	0.79	0.23	29.5	173	0.62	0.18	29.5
	174	0.46	0.13	29.5	175	0.74	0.22	29.5	176	0.31	0.06	20.6
	177	0.31	0.06	20.6	178	0.31	0.06	20.6	179	0.30	0.06	20.6
	180	0.30	0.06	20.6	181	0.30	0.06	20.6	182	3.12	0.64	20.6

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.30	0.09	29.5	192	0.21	0.06	29.5	195	0.29	0.06	20.6
	196	0.27	0.06	20.6	199	0.57	0.17	29.5	200	0.41	0.12	29.5
	201	0.24	1.03	420.0	202	0.28	1.06	378.0	203	0.30	1.11	377.0
	204	0.39	1.64	420.0	205	0.31	1.18	378.0	206	0.50	1.89	377.0
	207	0.46	1.92	420.0	208	0.37	1.39	378.0	209	0.65	2.46	377.0
	210	0.42	1.76	420.0	211	0.26	0.98	378.0	212	0.73	2.75	377.0
	213	0.40	1.70	420.0	214	0.25	0.95	378.0	215	0.66	2.49	377.0
	227	1.98	0.58	29.5	228	1.98	0.59	29.5	229	1.99	0.59	29.5
	230	1.99	0.59	29.5	231	2.02	0.60	29.5	232	1.98	0.58	29.5
	233	1.93	0.57	29.5	234	1.88	0.55	29.5	235	1.83	0.54	29.5
	236	1.78	0.53	29.5	237	1.74	0.51	29.5	238	1.70	0.50	29.5
	239	1.66	0.49	29.5	240	1.62	0.48	29.5	241	0.48	1.17	241.0
	242	0.34	0.11	33.4	243	0.34	0.16	46.9	244	0.35	0.16	46.9
	245	0.32	0.07	20.6								
192	4	0.39	1.48	378.0	6	0.43	1.63	377.0	7	0.33	1.39	420.0
	8	0.23	0.95	420.0	9	0.28	1.16	420.0	10	0.30	1.28	420.0
	11	0.36	1.52	420.0	12	0.40	1.69	420.0	13	0.38	1.61	420.0
	14	0.25	1.05	420.0	15	0.24	1.00	420.0	16	0.19	0.78	420.0
	17	0.22	0.91	420.0	18	0.23	0.95	420.0	19	0.25	1.06	420.0
	20	0.28	1.19	420.0	21	0.33	1.37	420.0	22	0.36	1.49	420.0
	23	0.29	1.22	420.0	24	0.37	1.56	420.0	25	0.39	1.62	420.0
	27	0.06	0.22	390.5	28	0.34	1.44	420.0	29	0.23	0.99	420.0
	30	0.24	1.01	420.0	31	0.32	1.35	420.0	33	0.30	1.17	386.9
	34	0.29	1.14	386.9	35	0.18	0.78	420.0	36	0.18	0.77	420.0
	45	2.00	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.28	0.26	20.6	49	1.04	0.21	20.6	50	0.80	0.17	20.6
	51	0.57	0.12	20.6	52	0.37	0.08	20.6	82	3.17	0.93	29.5
	83	3.00	0.89	29.5	84	2.84	0.84	29.5	85	2.67	0.79	29.5
	86	2.50	0.74	29.5	87	2.34	0.69	29.5	88	2.18	0.64	29.5
	89	3.33	0.98	29.5	90	0.27	1.02	378.0	91	0.42	1.61	378.0
	92	0.41	1.55	378.0	93	0.35	1.33	378.0	94	0.26	0.98	378.0
	95	0.25	0.93	378.0	96	0.23	0.88	378.0	97	0.24	0.91	378.0
	98	0.20	0.76	378.0	99	0.20	0.77	378.0	100	0.24	0.90	378.0
	101	0.29	1.10	378.0	102	0.32	1.23	378.0	103	0.36	1.38	378.0
	104	0.40	1.51	378.0	105	0.29	1.09	378.0	106	0.31	1.18	378.0
	107	0.26	0.99	378.0	108	0.28	0.99	357.4	109	0.21	0.78	378.0
	110	0.27	0.06	20.6	111	0.32	1.17	368.1	112	0.50	1.85	368.1
	113	0.25	1.04	420.0	114	0.23	0.95	420.0	133	2.01	0.59	29.5
	134	1.87	0.55	29.5	135	1.68	0.50	29.5	136	1.58	0.46	29.5
	137	1.40	0.41	29.5	138	1.22	0.36	29.5	139	1.05	0.31	29.5
	140	0.89	0.26	29.5	142	0.52	1.93	368.1	143	0.21	0.90	420.0
	147	0.23	0.87	377.0	148	0.23	0.87	377.0	149	0.20	0.76	377.0
	150	0.20	0.77	377.0	151	0.23	0.88	377.0	152	0.40	1.52	377.0
	153	0.37	1.38	377.0	154	0.42	1.57	377.0	155	0.45	1.70	377.0
	156	0.29	1.11	377.0	157	0.35	1.33	377.0	158	0.27	1.02	377.0
	159	0.25	0.02	8.9	160	0.21	0.78	377.0	167	1.57	0.46	29.5
	168	1.43	0.42	29.5	169	1.32	0.39	29.5	170	1.13	0.33	29.5
	171	0.94	0.28	29.5	172	0.77	0.23	29.5	173	0.59	0.17	29.5
	174	0.41	0.12	29.5	175	0.72	0.21	29.5	176	0.27	0.06	20.6
	177	0.26	0.05	20.6	178	0.26	0.05	20.6	179	0.26	0.05	20.6
	180	0.25	0.05	20.6	181	0.24	0.05	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.23	0.46	20.6
	191	0.24	0.07	29.5	192	0.10	0.03	29.5	195	0.23	0.05	20.6
	196	0.22	0.05	20.6	199	0.55	0.16	29.5	200	0.38	0.11	29.5
	201	0.19	0.80	420.0	202	0.21	0.80	378.0	203	0.20	0.76	377.0
	204	0.26	1.07	420.0	205	0.20	0.74	378.0	206	0.42	1.57	377.0
	207	0.30	1.25	420.0	208	0.23	0.87	378.0	209	0.55	2.06	377.0
	210	0.25	1.06	420.0	211	0.19	0.73	378.0	212	0.66	2.50	377.0
	213	0.25	1.04	420.0	214	0.19	0.72	378.0	215	0.60	2.27	377.0
	227	1.96	0.58	29.5	228	1.97	0.58	29.5	229	1.97	0.58	29.5
	230	1.99	0.59	29.5	231	2.00	0.59	29.5	232	1.96	0.58	29.5
	233	1.91	0.56	29.5	234	1.86	0.55	29.5	235	1.81	0.53	29.5
	236	1.77	0.52	29.5	237	1.72	0.51	29.5	238	1.68	0.50	29.5
	239	1.64	0.48	29.5	240	1.60	0.47	29.5	241	0.39	0.94	241.0
	242	0.21	0.07	33.4	243	0.23	0.11	46.9	244	0.26	0.12	46.9
	245	0.22	0.05	20.6								
193	4	0.08	0.30	378.0	6	0.19	0.72	377.0	7	0.18	0.75	420.0
	8	0.38	1.58	420.0	9	0.31	1.30	420.0	10	0.31	1.30	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	11	0.23	0.98	420.0	12	0.22	0.93	420.0	13	0.16	0.67	420.0
	14	0.30	1.26	420.0	15	0.29	1.21	420.0	16	0.29	1.21	420.0
	17	0.28	1.18	420.0	18	0.07	0.29	420.0	19	0.14	0.60	420.0
	20	0.08	0.33	420.0	21	0.09	0.39	420.0	22	0.08	0.33	420.0
	23	0.10	0.44	420.0	24	0.13	0.56	420.0	25	0.13	0.55	420.0
	27	0.33	1.27	390.5	28	0.08	0.32	420.0	29	0.15	0.63	420.0
	30	0.15	0.62	420.0	31	0.16	0.67	420.0	33	0.39	1.51	386.9
	34	0.35	1.37	386.9	35	0.34	1.44	420.0	36	0.31	1.29	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.34	0.28	20.6
	48	1.09	0.22	20.6	49	0.84	0.17	20.6	50	0.60	0.12	20.6
	51	0.37	0.08	20.6	52	0.23	0.05	20.6	82	3.13	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.61	0.77	29.5
	86	2.44	0.72	29.5	87	2.28	0.67	29.5	88	2.13	0.63	29.5
	89	3.31	0.98	29.5	90	0.32	1.21	378.0	91	0.07	0.27	378.0
	92	0.08	0.31	378.0	93	0.17	0.65	378.0	94	0.30	1.15	378.0
	95	0.33	1.25	378.0	96	0.33	1.24	378.0	97	0.37	1.42	378.0
	98	0.35	1.33	378.0	99	0.32	1.22	378.0	100	0.30	1.14	378.0
	101	0.20	0.76	378.0	102	0.16	0.61	378.0	103	0.10	0.37	378.0
	104	0.10	0.39	378.0	105	0.19	0.71	378.0	106	0.15	0.58	378.0
	107	0.19	0.71	378.0	108	0.19	0.68	357.4	109	0.31	1.16	378.0
	110	0.22	0.04	20.6	111	0.35	1.29	368.1	112	0.47	1.74	368.1
	113	0.34	1.42	420.0	114	0.33	1.37	420.0	133	1.99	0.59	29.5
	134	1.88	0.55	29.5	135	1.69	0.50	29.5	136	1.57	0.46	29.5
	137	1.37	0.41	29.5	138	1.18	0.35	29.5	139	1.00	0.30	29.5
	140	0.83	0.24	29.5	142	0.48	1.78	368.1	143	0.32	1.35	420.0
	147	0.30	1.13	377.0	148	0.30	1.15	377.0	149	0.30	1.14	377.0
	150	0.30	1.13	377.0	151	0.30	1.14	377.0	152	0.76	2.87	377.0
	153	0.24	0.92	377.0	154	0.22	0.84	377.0	155	0.20	0.76	377.0
	156	0.24	0.91	377.0	157	0.24	0.92	377.0	158	0.24	0.90	377.0
	159	0.31	0.03	8.9	160	0.30	1.13	377.0	167	1.83	0.54	29.5
	168	1.68	0.50	29.5	169	1.56	0.46	29.5	170	1.37	0.40	29.5
	171	1.17	0.35	29.5	172	0.99	0.29	29.5	173	0.81	0.24	29.5
	174	0.63	0.19	29.5	175	0.66	0.19	29.5	176	0.22	0.05	20.6
	177	0.23	0.05	20.6	178	0.23	0.05	20.6	179	0.24	0.05	20.6
	180	0.25	0.05	20.6	181	0.26	0.05	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.47	0.14	29.5	192	0.35	0.10	29.5	195	0.27	0.06	20.6
	196	0.29	0.06	20.6	199	0.50	0.15	29.5	200	0.37	0.11	29.5
	201	0.28	1.19	420.0	202	0.31	1.18	378.0	203	0.32	1.22	377.0
	204	0.12	0.49	420.0	205	0.02	0.08	378.0	206	0.40	1.52	377.0
	207	0.07	0.28	420.0	208	0.07	0.26	378.0	209	0.18	0.67	377.0
	210	0.04	0.18	420.0	211	0.17	0.65	378.0	212	0.14	0.54	377.0
	213	0.04	0.18	420.0	214	0.13	0.49	378.0	215	0.34	1.27	377.0
	227	2.23	0.66	29.5	228	2.23	0.66	29.5	229	2.24	0.66	29.5
	230	2.24	0.66	29.5	231	2.26	0.67	29.5	232	2.21	0.65	29.5
	233	2.16	0.64	29.5	234	2.11	0.62	29.5	235	2.06	0.61	29.5
	236	2.02	0.59	29.5	237	1.97	0.58	29.5	238	1.93	0.57	29.5
	239	1.89	0.56	29.5	240	1.86	0.55	29.5	241	0.28	0.67	241.0
	242	0.24	0.08	33.4	243	0.30	0.14	46.9	244	0.32	0.15	46.9
	245	0.27	0.06	20.6								
194	4	0.07	0.26	378.0	6	0.06	0.21	377.0	7	0.16	0.66	420.0
	8	0.27	1.14	420.0	9	0.22	0.91	420.0	10	0.23	0.95	420.0
	11	0.22	0.91	420.0	12	0.26	1.10	420.0	13	0.21	0.88	420.0
	14	0.18	0.78	420.0	15	0.18	0.75	420.0	16	0.16	0.68	420.0
	17	0.16	0.68	420.0	18	0.09	0.39	420.0	19	0.03	0.13	420.0
	20	0.07	0.29	420.0	21	0.13	0.54	420.0	22	0.16	0.66	420.0
	23	0.09	0.40	420.0	24	0.18	0.76	420.0	25	0.20	0.82	420.0
	27	0.22	0.87	390.5	28	0.13	0.56	420.0	29	7.43e-03	0.03	420.0
	30	0.01	0.06	420.0	31	0.14	0.58	420.0	33	0.28	1.07	386.9
	34	0.26	1.00	386.9	35	0.23	0.95	420.0	36	0.19	0.78	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.34	0.28	20.6
	48	1.09	0.22	20.6	49	0.83	0.17	20.6	50	0.59	0.12	20.6
	51	0.35	0.07	20.6	52	0.18	0.04	20.6	82	3.13	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.61	0.77	29.5
	86	2.44	0.72	29.5	87	2.27	0.67	29.5	88	2.11	0.62	29.5
	89	3.31	0.98	29.5	90	0.19	0.71	378.0	91	0.11	0.41	378.0
	92	0.10	0.37	378.0	93	0.08	0.31	378.0	94	0.18	0.68	378.0
	95	0.21	0.81	378.0	96	0.21	0.79	378.0	97	0.26	1.00	378.0
	98	0.23	0.88	378.0	99	0.20	0.75	378.0	100	0.17	0.65	378.0
	101	0.07	0.26	378.0	102	0.04	0.16	378.0	103	0.06	0.22	378.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	104	0.08	0.31	378.0	105	0.04	0.13	378.0	106	0.02	0.06	378.0
	107	0.04	0.15	378.0	108	0.04	0.13	357.4	109	0.18	0.68	378.0
	110	0.15	0.03	20.6	111	0.25	0.93	368.1	112	0.41	1.51	368.1
	113	0.23	0.99	420.0	114	0.22	0.91	420.0	133	1.95	0.58	29.5
	134	1.82	0.54	29.5	135	1.63	0.48	29.5	136	1.51	0.45	29.5
	137	1.32	0.39	29.5	138	1.13	0.33	29.5	139	0.95	0.28	29.5
	140	0.77	0.23	29.5	142	0.43	1.58	368.1	143	0.21	0.88	420.0
	147	0.18	0.68	377.0	148	0.19	0.72	377.0	149	0.19	0.71	377.0
	150	0.18	0.68	377.0	151	0.17	0.66	377.0	152	0.54	2.04	377.0
	153	0.10	0.37	377.0	154	0.07	0.26	377.0	155	0.04	0.16	377.0
	156	0.10	0.39	377.0	157	0.10	0.38	377.0	158	0.10	0.38	377.0
	159	0.25	0.02	8.9	160	0.18	0.66	377.0	167	1.81	0.53	29.5
	168	1.66	0.49	29.5	169	1.55	0.46	29.5	170	1.35	0.40	29.5
	171	1.15	0.34	29.5	172	0.97	0.29	29.5	173	0.78	0.23	29.5
	174	0.60	0.18	29.5	175	0.60	0.18	29.5	176	0.15	0.03	20.6
	177	0.15	0.03	20.6	178	0.16	0.03	20.6	179	0.16	0.03	20.6
	180	0.16	0.03	20.6	181	0.16	0.03	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.42	0.12	29.5	192	0.26	0.08	29.5	195	0.17	0.03	20.6
	196	0.17	0.04	20.6	199	0.43	0.13	29.5	200	0.28	0.08	29.5
	201	0.14	0.60	420.0	202	0.17	0.64	378.0	203	0.19	0.72	377.0
	204	0.05	0.23	420.0	205	0.17	0.65	378.0	206	0.31	1.17	377.0
	207	0.14	0.58	420.0	208	0.27	1.02	378.0	209	0.31	1.17	377.0
	210	0.20	0.85	420.0	211	0.39	1.46	378.0	212	0.56	2.12	377.0
	213	0.17	0.70	420.0	214	0.34	1.29	378.0	215	0.54	2.04	377.0
	227	2.21	0.65	29.5	228	2.22	0.65	29.5	229	2.22	0.66	29.5
	230	2.23	0.66	29.5	231	2.24	0.66	29.5	232	2.20	0.65	29.5
	233	2.14	0.63	29.5	234	2.10	0.62	29.5	235	2.05	0.60	29.5
	236	2.00	0.59	29.5	237	1.96	0.58	29.5	238	1.92	0.57	29.5
	239	1.88	0.55	29.5	240	1.84	0.54	29.5	241	0.17	0.40	241.0
	242	0.12	0.04	33.4	243	0.23	0.11	46.9	244	0.26	0.12	46.9
	245	0.20	0.04	20.6								
195	4	0.55	2.07	378.0	6	0.58	2.17	377.0	7	0.45	1.90	420.0
	8	0.23	0.97	420.0	9	0.33	1.40	420.0	10	0.38	1.59	420.0
	11	0.48	2.00	420.0	12	0.53	2.22	420.0	13	0.52	2.19	420.0
	14	0.32	1.33	420.0	15	0.30	1.28	420.0	16	0.21	0.86	420.0
	17	0.28	1.19	420.0	18	0.49	2.05	420.0	19	0.37	1.53	420.0
	20	0.41	1.72	420.0	21	0.47	1.98	420.0	22	0.51	2.15	420.0
	23	0.42	1.78	420.0	24	0.52	2.17	420.0	25	0.54	2.25	420.0
	27	0.09	0.34	390.5	28	0.49	2.07	420.0	29	0.35	1.47	420.0
	30	0.35	1.49	420.0	31	0.45	1.88	420.0	33	0.31	1.20	386.9
	34	0.30	1.17	386.9	35	0.19	0.79	420.0	36	0.18	0.74	420.0
	45	2.00	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.28	0.26	20.6	49	1.05	0.22	20.6	50	0.81	0.17	20.6
	51	0.59	0.12	20.6	52	0.40	0.08	20.6	82	3.16	0.93	29.5
	83	3.00	0.89	29.5	84	2.84	0.84	29.5	85	2.68	0.79	29.5
	86	2.51	0.74	29.5	87	2.35	0.69	29.5	88	2.19	0.65	29.5
	89	3.33	0.98	29.5	90	0.35	1.32	378.0	91	0.58	2.19	378.0
	92	0.56	2.11	378.0	93	0.48	1.82	378.0	94	0.33	1.25	378.0
	95	0.29	1.11	378.0	96	0.28	1.06	378.0	97	0.26	0.97	378.0
	98	0.19	0.73	378.0	99	0.24	0.92	378.0	100	0.31	1.18	378.0
	101	0.41	1.54	378.0	102	0.46	1.74	378.0	103	0.52	1.95	378.0
	104	0.56	2.12	378.0	105	0.41	1.54	378.0	106	0.44	1.68	378.0
	107	0.38	1.44	378.0	108	0.40	1.42	357.4	109	0.26	0.98	378.0
	110	0.32	0.07	20.6	111	0.34	1.25	368.1	112	0.49	1.81	368.1
	113	0.28	1.19	420.0	114	0.25	1.06	420.0	133	2.03	0.60	29.5
	134	1.86	0.55	29.5	135	1.67	0.49	29.5	136	1.60	0.47	29.5
	137	1.42	0.42	29.5	138	1.24	0.37	29.5	139	1.08	0.32	29.5
	140	0.91	0.27	29.5	142	0.52	1.91	368.1	143	0.23	0.98	420.0
	147	0.28	1.06	377.0	148	0.25	0.96	377.0	149	0.23	0.85	377.0
	150	0.25	0.94	377.0	151	0.31	1.18	377.0	152	0.31	1.17	377.0
	153	0.49	1.86	377.0	154	0.56	2.10	377.0	155	0.60	2.26	377.0
	156	0.41	1.54	377.0	157	0.48	1.81	377.0	158	0.39	1.46	377.0
	159	0.34	0.03	8.9	160	0.26	0.99	377.0	167	1.59	0.47	29.5
	168	1.45	0.43	29.5	169	1.34	0.39	29.5	170	1.15	0.34	29.5
	171	0.97	0.28	29.5	172	0.79	0.23	29.5	173	0.62	0.18	29.5
	174	0.46	0.13	29.5	175	0.74	0.22	29.5	176	0.31	0.06	20.6
	177	0.31	0.06	20.6	178	0.31	0.06	20.6	179	0.31	0.06	20.6
	180	0.31	0.06	20.6	181	0.30	0.06	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.31	0.09	29.5	192	0.21	0.06	29.5	195	0.29	0.06	20.6
	196	0.28	0.06	20.6	199	0.57	0.17	29.5	200	0.41	0.12	29.5
	201	0.25	1.04	420.0	202	0.28	1.06	378.0	203	0.30	1.13	377.0
	204	0.39	1.65	420.0	205	0.32	1.19	378.0	206	0.50	1.89	377.0
	207	0.46	1.94	420.0	208	0.37	1.41	378.0	209	0.66	2.47	377.0
	210	0.42	1.77	420.0	211	0.26	0.99	378.0	212	0.73	2.76	377.0
	213	0.41	1.71	420.0	214	0.25	0.96	378.0	215	0.66	2.50	377.0
	227	1.97	0.58	29.5	228	1.98	0.58	29.5	229	1.98	0.58	29.5
	230	2.00	0.59	29.5	231	2.02	0.60	29.5	232	1.97	0.58	29.5
	233	1.92	0.57	29.5	234	1.87	0.55	29.5	235	1.83	0.54	29.5
	236	1.78	0.53	29.5	237	1.74	0.51	29.5	238	1.69	0.50	29.5
	239	1.65	0.49	29.5	240	1.62	0.48	29.5	241	0.49	1.17	241.0
	242	0.34	0.11	33.4	243	0.34	0.16	46.9	244	0.35	0.16	46.9
	245	0.32	0.07	20.6								
196	4	0.39	1.48	378.0	6	0.43	1.64	377.0	7	0.33	1.40	420.0
	8	0.22	0.94	420.0	9	0.28	1.16	420.0	10	0.31	1.28	420.0
	11	0.36	1.53	420.0	12	0.40	1.69	420.0	13	0.39	1.62	420.0
	14	0.25	1.05	420.0	15	0.24	1.01	420.0	16	0.19	0.78	420.0
	17	0.22	0.91	420.0	18	0.23	0.96	420.0	19	0.25	1.07	420.0
	20	0.29	1.20	420.0	21	0.33	1.38	420.0	22	0.36	1.50	420.0
	23	0.29	1.23	420.0	24	0.37	1.57	420.0	25	0.39	1.63	420.0
	27	0.05	0.21	390.5	28	0.35	1.45	420.0	29	0.24	1.00	420.0
	30	0.24	1.02	420.0	31	0.32	1.36	420.0	33	0.30	1.17	386.9
	34	0.29	1.14	386.9	35	0.18	0.77	420.0	36	0.18	0.77	420.0
	45	2.00	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.28	0.26	20.6	49	1.04	0.21	20.6	50	0.80	0.17	20.6
	51	0.57	0.12	20.6	52	0.38	0.08	20.6	82	3.16	0.93	29.5
	83	3.00	0.88	29.5	84	2.84	0.84	29.5	85	2.67	0.79	29.5
	86	2.50	0.74	29.5	87	2.34	0.69	29.5	88	2.17	0.64	29.5
	89	3.33	0.98	29.5	90	0.27	1.02	378.0	91	0.42	1.60	378.0
	92	0.41	1.55	378.0	93	0.35	1.33	378.0	94	0.26	0.98	378.0
	95	0.24	0.92	378.0	96	0.23	0.88	378.0	97	0.24	0.90	378.0
	98	0.20	0.75	378.0	99	0.20	0.77	378.0	100	0.24	0.90	378.0
	101	0.29	1.10	378.0	102	0.33	1.23	378.0	103	0.37	1.38	378.0
	104	0.40	1.52	378.0	105	0.29	1.09	378.0	106	0.31	1.19	378.0
	107	0.26	1.00	378.0	108	0.28	1.00	357.4	109	0.21	0.78	378.0
	110	0.28	0.06	20.6	111	0.32	1.17	368.1	112	0.50	1.85	368.1
	113	0.25	1.04	420.0	114	0.23	0.95	420.0	133	2.01	0.59	29.5
	134	1.87	0.55	29.5	135	1.68	0.50	29.5	136	1.57	0.46	29.5
	137	1.40	0.41	29.5	138	1.22	0.36	29.5	139	1.05	0.31	29.5
	140	0.89	0.26	29.5	142	0.52	1.93	368.1	143	0.21	0.90	420.0
	147	0.23	0.87	377.0	148	0.23	0.87	377.0	149	0.20	0.76	377.0
	150	0.21	0.77	377.0	151	0.23	0.87	377.0	152	0.40	1.51	377.0
	153	0.37	1.39	377.0	154	0.42	1.58	377.0	155	0.45	1.71	377.0
	156	0.30	1.12	377.0	157	0.36	1.35	377.0	158	0.27	1.03	377.0
	159	0.25	0.02	8.9	160	0.21	0.78	377.0	167	1.57	0.46	29.5
	168	1.43	0.42	29.5	169	1.32	0.39	29.5	170	1.13	0.33	29.5
	171	0.94	0.28	29.5	172	0.76	0.23	29.5	173	0.59	0.17	29.5
	174	0.41	0.12	29.5	175	0.72	0.21	29.5	176	0.27	0.06	20.6
	177	0.27	0.06	20.6	178	0.27	0.05	20.6	179	0.26	0.05	20.6
	180	0.26	0.05	20.6	181	0.25	0.05	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.23	0.46	20.6
	191	0.24	0.07	29.5	192	0.10	0.03	29.5	195	0.24	0.05	20.6
	196	0.22	0.05	20.6	199	0.55	0.16	29.5	200	0.38	0.11	29.5
	201	0.19	0.80	420.0	202	0.21	0.80	378.0	203	0.21	0.79	377.0
	204	0.26	1.08	420.0	205	0.20	0.75	378.0	206	0.42	1.58	377.0
	207	0.30	1.26	420.0	208	0.23	0.88	378.0	209	0.55	2.07	377.0
	210	0.26	1.07	420.0	211	0.19	0.73	378.0	212	0.67	2.51	377.0
	213	0.25	1.05	420.0	214	0.19	0.72	378.0	215	0.60	2.28	377.0
	227	1.96	0.58	29.5	228	1.96	0.58	29.5	229	1.97	0.58	29.5
	230	1.98	0.59	29.5	231	2.00	0.59	29.5	232	1.96	0.58	29.5
	233	1.91	0.56	29.5	234	1.86	0.55	29.5	235	1.81	0.53	29.5
	236	1.76	0.52	29.5	237	1.72	0.51	29.5	238	1.68	0.49	29.5
	239	1.64	0.48	29.5	240	1.60	0.47	29.5	241	0.39	0.95	241.0
	242	0.21	0.07	33.4	243	0.23	0.11	46.9	244	0.26	0.12	46.9
	245	0.22	0.05	20.6								
197	4	0.08	0.29	378.0	6	0.13	0.49	377.0	7	0.19	0.82	420.0
	8	0.42	1.74	420.0	9	0.34	1.42	420.0	10	0.34	1.42	420.0
	11	0.28	1.19	420.0	12	0.30	1.25	420.0	13	0.23	0.95	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	14	0.31	1.28	420.0	15	0.31	1.28	420.0	16	0.31	1.29	420.0
	17	0.29	1.22	420.0	18	0.10	0.42	420.0	19	0.15	0.65	420.0
	20	0.13	0.54	420.0	21	0.11	0.45	420.0	22	0.10	0.44	420.0
	23	0.10	0.44	420.0	24	0.18	0.74	420.0	25	0.18	0.75	420.0
	27	0.33	1.31	390.5	28	0.13	0.54	420.0	29	0.13	0.54	420.0
	30	0.13	0.53	420.0	31	0.16	0.68	420.0	33	0.41	1.59	386.9
	34	0.37	1.45	386.9	35	0.38	1.58	420.0	36	0.33	1.40	420.0
	45	1.84	0.38	20.6	46	1.60	0.33	20.6	47	1.34	0.28	20.6
	48	1.09	0.23	20.6	49	0.84	0.17	20.6	50	0.60	0.12	20.6
	51	0.37	0.08	20.6	52	0.21	0.04	20.6	82	3.14	0.92	29.5
	83	2.96	0.87	29.5	84	2.79	0.82	29.5	85	2.61	0.77	29.5
	86	2.45	0.72	29.5	87	2.29	0.68	29.5	88	2.14	0.63	29.5
	89	3.32	0.98	29.5	90	0.32	1.19	378.0	91	0.13	0.49	378.0
	92	0.14	0.52	378.0	93	0.17	0.65	378.0	94	0.31	1.18	378.0
	95	0.35	1.32	378.0	96	0.34	1.30	378.0	97	0.41	1.53	378.0
	98	0.37	1.40	378.0	99	0.33	1.26	378.0	100	0.30	1.15	378.0
	101	0.19	0.73	378.0	102	0.14	0.54	378.0	103	0.11	0.41	378.0
	104	0.09	0.33	378.0	105	0.17	0.63	378.0	106	0.13	0.48	378.0
	107	0.17	0.64	378.0	108	0.20	0.70	357.4	109	0.31	1.18	378.0
	110	0.20	0.04	20.6	111	0.37	1.35	368.1	112	0.49	1.82	368.1
	113	0.37	1.55	420.0	114	0.35	1.48	420.0	133	2.00	0.59	29.5
	134	1.89	0.56	29.5	135	1.70	0.50	29.5	136	1.59	0.47	29.5
	137	1.39	0.41	29.5	138	1.19	0.35	29.5	139	1.01	0.30	29.5
	140	0.84	0.25	29.5	142	0.50	1.86	368.1	143	0.34	1.45	420.0
	147	0.31	1.16	377.0	148	0.32	1.21	377.0	149	0.31	1.19	377.0
	150	0.31	1.15	377.0	151	0.30	1.13	377.0	152	0.75	2.83	377.0
	153	0.22	0.82	377.0	154	0.14	0.54	377.0	155	0.14	0.53	377.0
	156	0.22	0.84	377.0	157	0.22	0.82	377.0	158	0.22	0.85	377.0
	159	0.31	0.03	8.9	160	0.30	1.14	377.0	167	1.81	0.53	29.5
	168	1.67	0.49	29.5	169	1.55	0.46	29.5	170	1.35	0.40	29.5
	171	1.16	0.34	29.5	172	0.97	0.29	29.5	173	0.79	0.23	29.5
	174	0.62	0.18	29.5	175	0.67	0.20	29.5	176	0.21	0.04	20.6
	177	0.21	0.04	20.6	178	0.22	0.05	20.6	179	0.23	0.05	20.6
	180	0.24	0.05	20.6	181	0.26	0.05	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.85	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.49	20.6	188	2.10	0.43	20.6
	191	0.46	0.14	29.5	192	0.34	0.10	29.5	195	0.27	0.06	20.6
	196	0.29	0.06	20.6	199	0.51	0.15	29.5	200	0.38	0.11	29.5
	201	0.29	1.20	420.0	202	0.30	1.14	378.0	203	0.31	1.18	377.0
	204	0.04	0.16	420.0	205	0.02	0.06	378.0	206	0.39	1.48	377.0
	207	0.04	0.15	420.0	208	0.12	0.44	378.0	209	0.15	0.58	377.0
	210	0.06	0.25	420.0	211	0.22	0.82	378.0	212	0.16	0.61	377.0
	213	0.03	0.12	420.0	214	0.17	0.64	378.0	215	0.07	0.28	377.0
	227	2.22	0.65	29.5	228	2.22	0.65	29.5	229	2.22	0.66	29.5
	230	2.23	0.66	29.5	231	2.24	0.66	29.5	232	2.20	0.65	29.5
	233	2.15	0.63	29.5	234	2.10	0.62	29.5	235	2.05	0.61	29.5
	236	2.00	0.59	29.5	237	1.96	0.58	29.5	238	1.92	0.57	29.5
	239	1.88	0.55	29.5	240	1.84	0.54	29.5	241	0.26	0.63	241.0
	242	0.23	0.08	33.4	243	0.30	0.14	46.9	244	0.32	0.15	46.9
	245	0.27	0.06	20.6								
198	4	0.03	0.11	378.0	6	0.08	0.31	377.0	7	0.10	0.42	420.0
	8	0.22	0.94	420.0	9	0.17	0.72	420.0	10	0.18	0.75	420.0
	11	0.14	0.61	420.0	12	0.18	0.74	420.0	13	0.14	0.57	420.0
	14	0.17	0.69	420.0	15	0.15	0.63	420.0	16	0.15	0.64	420.0
	17	0.14	0.60	420.0	18	0.05	0.21	420.0	19	0.03	0.14	420.0
	20	0.04	0.17	420.0	21	0.08	0.35	420.0	22	0.11	0.46	420.0
	23	0.05	0.22	420.0	24	0.12	0.50	420.0	25	0.13	0.55	420.0
	27	0.22	0.84	390.5	28	0.09	0.37	420.0	29	0.03	0.11	420.0
	30	0.03	0.14	420.0	31	0.09	0.36	420.0	33	0.25	0.96	386.9
	34	0.23	0.89	386.9	35	0.20	0.83	420.0	36	0.17	0.70	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.33	0.27	20.6
	48	1.08	0.22	20.6	49	0.83	0.17	20.6	50	0.58	0.12	20.6
	51	0.34	0.07	20.6	52	0.18	0.04	20.6	82	3.13	0.92	29.5
	83	2.96	0.87	29.5	84	2.79	0.82	29.5	85	2.61	0.77	29.5
	86	2.44	0.72	29.5	87	2.27	0.67	29.5	88	2.11	0.62	29.5
	89	3.31	0.98	29.5	90	0.18	0.68	378.0	91	0.04	0.17	378.0
	92	0.04	0.14	378.0	93	0.04	0.16	378.0	94	0.16	0.61	378.0
	95	0.19	0.70	378.0	96	0.18	0.69	378.0	97	0.22	0.84	378.0
	98	0.20	0.77	378.0	99	0.18	0.68	378.0	100	0.16	0.60	378.0
	101	0.06	0.24	378.0	102	0.02	0.09	378.0	103	0.01	0.05	378.0
	104	0.03	0.13	378.0	105	0.05	0.19	378.0	106	0.01	0.05	378.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	107	0.05	0.19	378.0	108	0.11	0.39	357.4	109	0.17	0.63	378.0
	110	0.16	0.03	20.6	111	0.23	0.85	368.1	112	0.39	1.43	368.1
	113	0.19	0.81	420.0	114	0.18	0.76	420.0	133	1.95	0.57	29.5
	134	1.81	0.54	29.5	135	1.62	0.48	29.5	136	1.50	0.44	29.5
	137	1.31	0.39	29.5	138	1.11	0.33	29.5	139	0.94	0.28	29.5
	140	0.76	0.22	29.5	142	0.41	1.49	368.1	143	0.18	0.74	420.0
	147	0.17	0.63	377.0	148	0.17	0.64	377.0	149	0.17	0.64	377.0
	150	0.17	0.63	377.0	151	0.17	0.65	377.0	152	0.60	2.28	377.0
	153	0.12	0.46	377.0	154	0.10	0.39	377.0	155	0.08	0.31	377.0
	156	0.05	0.21	377.0	157	0.12	0.46	377.0	158	6.48e-03	0.02	377.0
	159	0.25	0.02	8.9	160	0.17	0.63	377.0	167	1.83	0.54	29.5
	168	1.68	0.50	29.5	169	1.57	0.46	29.5	170	1.37	0.40	29.5
	171	1.17	0.35	29.5	172	0.98	0.29	29.5	173	0.80	0.24	29.5
	174	0.61	0.18	29.5	175	0.58	0.17	29.5	176	0.16	0.03	20.6
	177	0.16	0.03	20.6	178	0.16	0.03	20.6	179	0.16	0.03	20.6
	180	0.16	0.03	20.6	181	0.16	0.03	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.43	0.13	29.5	192	0.27	0.08	29.5	195	0.16	0.03	20.6
	196	0.16	0.03	20.6	199	0.41	0.12	29.5	200	0.26	0.08	29.5
	201	0.15	0.63	420.0	202	0.18	0.66	378.0	203	0.19	0.73	377.0
	204	0.04	0.17	420.0	205	0.15	0.57	378.0	206	0.32	1.19	377.0
	207	0.11	0.46	420.0	208	0.23	0.88	378.0	209	0.33	1.23	377.0
	210	0.17	0.70	420.0	211	0.35	1.32	378.0	212	0.57	2.14	377.0
	213	0.14	0.57	420.0	214	0.31	1.18	378.0	215	0.54	2.05	377.0
	227	2.23	0.66	29.5	228	2.24	0.66	29.5	229	2.24	0.66	29.5
	230	2.25	0.66	29.5	231	2.26	0.67	29.5	232	2.21	0.65	29.5
	233	2.16	0.64	29.5	234	2.11	0.62	29.5	235	2.07	0.61	29.5
	236	2.02	0.60	29.5	237	1.98	0.58	29.5	238	1.94	0.57	29.5
	239	1.90	0.56	29.5	240	1.86	0.55	29.5	241	0.16	0.38	241.0
	242	0.13	0.04	33.4	243	0.23	0.11	46.9	244	0.26	0.12	46.9
	245	0.20	0.04	20.6								
199	4	0.50	1.90	378.0	6	0.54	2.02	377.0	7	0.40	1.66	420.0
	8	0.21	0.87	420.0	9	0.29	1.23	420.0	10	0.32	1.34	420.0
	11	0.41	1.71	420.0	12	0.45	1.88	420.0	13	0.45	1.89	420.0
	14	0.27	1.14	420.0	15	0.27	1.13	420.0	16	0.18	0.77	420.0
	17	0.26	1.07	420.0	18	0.46	1.93	420.0	19	0.32	1.34	420.0
	20	0.35	1.48	420.0	21	0.42	1.77	420.0	22	0.46	1.92	420.0
	23	0.38	1.59	420.0	24	0.45	1.90	420.0	25	0.47	1.97	420.0
	27	0.06	0.23	390.5	28	0.43	1.81	420.0	29	0.34	1.42	420.0
	30	0.35	1.45	420.0	31	0.39	1.66	420.0	33	0.35	1.34	386.9
	34	0.30	1.15	386.9	35	0.15	0.63	420.0	36	0.13	0.53	420.0
	45	2.00	0.41	20.6	46	1.77	0.36	20.6	47	1.53	0.31	20.6
	48	1.29	0.27	20.6	49	1.05	0.22	20.6	50	0.82	0.17	20.6
	51	0.59	0.12	20.6	52	0.40	0.08	20.6	82	3.16	0.93	29.5
	83	3.00	0.88	29.5	84	2.84	0.84	29.5	85	2.65	0.78	29.5
	86	2.49	0.74	29.5	87	2.35	0.69	29.5	88	2.20	0.65	29.5
	89	3.32	0.98	29.5	90	0.31	1.16	378.0	91	0.52	1.96	378.0
	92	0.50	1.89	378.0	93	0.43	1.64	378.0	94	0.30	1.14	378.0
	95	0.27	1.02	378.0	96	0.26	0.99	378.0	97	0.22	0.85	378.0
	98	0.22	0.82	378.0	99	0.24	0.91	378.0	100	0.29	1.09	378.0
	101	0.38	1.42	378.0	102	0.42	1.59	378.0	103	0.47	1.77	378.0
	104	0.51	1.93	378.0	105	0.38	1.45	378.0	106	0.41	1.55	378.0
	107	0.37	1.40	378.0	108	0.34	1.22	357.4	109	0.25	0.96	378.0
	110	0.31	0.06	20.6	111	0.35	1.30	368.1	112	0.52	1.90	368.1
	113	0.22	0.93	420.0	114	0.20	0.86	420.0	133	2.04	0.60	29.5
	134	1.91	0.56	29.5	135	1.72	0.51	29.5	136	1.62	0.48	29.5
	137	1.44	0.42	29.5	138	1.26	0.37	29.5	139	1.09	0.32	29.5
	140	0.92	0.27	29.5	142	0.53	1.94	368.1	143	0.19	0.82	420.0
	147	0.27	1.00	377.0	148	0.24	0.89	377.0	149	0.23	0.85	377.0
	150	0.25	0.93	377.0	151	0.29	1.10	377.0	152	0.30	1.12	377.0
	153	0.46	1.73	377.0	154	0.52	1.94	377.0	155	0.55	2.09	377.0
	156	0.39	1.47	377.0	157	0.45	1.70	377.0	158	0.38	1.43	377.0
	159	0.33	0.03	8.9	160	0.26	0.97	377.0	167	1.57	0.46	29.5
	168	1.43	0.42	29.5	169	1.32	0.39	29.5	170	1.13	0.33	29.5
	171	0.95	0.28	29.5	172	0.77	0.23	29.5	173	0.60	0.18	29.5
	174	0.44	0.13	29.5	175	0.75	0.22	29.5	176	0.31	0.06	20.6
	177	0.31	0.06	20.6	178	0.31	0.06	20.6	179	0.31	0.06	20.6
	180	0.31	0.06	20.6	181	0.30	0.06	20.6	182	3.12	0.64	20.6
	183	3.03	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	191	0.29	0.09	29.5	192	0.20	0.06	29.5	195	0.30	0.06	20.6
	196	0.28	0.06	20.6	199	0.59	0.17	29.5	200	0.43	0.13	29.5
	201	0.20	0.83	420.0	202	0.26	1.00	378.0	203	0.29	1.08	377.0
	204	0.37	1.56	420.0	205	0.30	1.13	378.0	206	0.50	1.87	377.0
	207	0.42	1.78	420.0	208	0.34	1.29	378.0	209	0.64	2.40	377.0
	210	0.38	1.61	420.0	211	0.24	0.92	378.0	212	0.72	2.73	377.0
	213	0.38	1.58	420.0	214	0.24	0.90	378.0	215	0.66	2.49	377.0
	227	1.96	0.58	29.5	228	1.97	0.58	29.5	229	1.97	0.58	29.5
	230	1.98	0.59	29.5	231	2.00	0.59	29.5	232	1.95	0.58	29.5
	233	1.90	0.56	29.5	234	1.85	0.55	29.5	235	1.81	0.53	29.5
	236	1.76	0.52	29.5	237	1.72	0.51	29.5	238	1.67	0.49	29.5
	239	1.63	0.48	29.5	240	1.60	0.47	29.5	241	0.47	1.13	241.0
	242	0.33	0.11	33.4	243	0.33	0.15	46.9	244	0.34	0.16	46.9
	245	0.31	0.06	20.6								
200	4	0.43	1.63	378.0	6	0.47	1.76	377.0	7	0.39	1.64	420.0
	8	0.27	1.13	420.0	9	0.33	1.39	420.0	10	0.37	1.55	420.0
	11	0.44	1.83	420.0	12	0.49	2.05	420.0	13	0.46	1.92	420.0
	14	0.30	1.25	420.0	15	0.28	1.18	420.0	16	0.25	1.04	420.0
	17	0.25	1.05	420.0	18	0.27	1.14	420.0	19	0.31	1.31	420.0
	20	0.35	1.47	420.0	21	0.37	1.57	420.0	22	0.41	1.71	420.0
	23	0.33	1.40	420.0	24	0.44	1.83	420.0	25	0.45	1.90	420.0
	27	0.06	0.25	390.5	28	0.41	1.74	420.0	29	0.24	1.00	420.0
	30	0.24	1.01	420.0	31	0.38	1.58	420.0	33	0.29	1.12	386.9
	34	0.28	1.10	386.9	35	0.25	1.05	420.0	36	0.25	1.04	420.0
	45	1.99	0.41	20.6	46	1.76	0.36	20.6	47	1.51	0.31	20.6
	48	1.27	0.26	20.6	49	1.03	0.21	20.6	50	0.80	0.16	20.6
	51	0.56	0.12	20.6	52	0.37	0.08	20.6	82	3.18	0.94	29.5
	83	3.01	0.89	29.5	84	2.84	0.84	29.5	85	2.67	0.79	29.5
	86	2.50	0.74	29.5	87	2.34	0.69	29.5	88	2.17	0.64	29.5
	89	3.35	0.99	29.5	90	0.31	1.18	378.0	91	0.49	1.84	378.0
	92	0.47	1.78	378.0	93	0.40	1.53	378.0	94	0.30	1.13	378.0
	95	0.28	1.07	378.0	96	0.27	1.00	378.0	97	0.28	1.06	378.0
	98	0.21	0.81	378.0	99	0.21	0.81	378.0	100	0.27	1.02	378.0
	101	0.32	1.22	378.0	102	0.37	1.38	378.0	103	0.41	1.56	378.0
	104	0.45	1.71	378.0	105	0.31	1.17	378.0	106	0.34	1.29	378.0
	107	0.26	1.00	378.0	108	0.36	1.28	357.4	109	0.22	0.82	378.0
	110	0.27	0.06	20.6	111	0.31	1.12	368.1	112	0.49	1.81	368.1
	113	0.29	1.24	420.0	114	0.27	1.12	420.0	133	2.01	0.59	29.5
	134	1.87	0.55	29.5	135	1.67	0.49	29.5	136	1.56	0.46	29.5
	137	1.39	0.41	29.5	138	1.21	0.36	29.5	139	1.04	0.31	29.5
	140	0.87	0.26	29.5	142	0.51	1.89	368.1	143	0.25	1.05	420.0
	147	0.25	0.96	377.0	148	0.26	0.98	377.0	149	0.21	0.79	377.0
	150	0.21	0.80	377.0	151	0.26	0.99	377.0	152	0.41	1.56	377.0
	153	0.40	1.50	377.0	154	0.46	1.72	377.0	155	0.49	1.86	377.0
	156	0.31	1.17	377.0	157	0.38	1.42	377.0	158	0.27	1.03	377.0
	159	0.25	0.02	8.9	160	0.21	0.81	377.0	167	1.59	0.47	29.5
	168	1.45	0.43	29.5	169	1.34	0.39	29.5	170	1.15	0.34	29.5
	171	0.96	0.28	29.5	172	0.78	0.23	29.5	173	0.61	0.18	29.5
	174	0.43	0.13	29.5	175	0.70	0.21	29.5	176	0.27	0.05	20.6
	177	0.26	0.05	20.6	178	0.26	0.05	20.6	179	0.25	0.05	20.6
	180	0.24	0.05	20.6	181	0.24	0.05	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.23	0.46	20.6
	191	0.25	0.07	29.5	192	0.10	0.03	29.5	195	0.22	0.05	20.6
	196	0.21	0.04	20.6	199	0.53	0.16	29.5	200	0.37	0.11	29.5
	201	0.25	1.06	420.0	202	0.22	0.84	378.0	203	0.23	0.86	377.0
	204	0.27	1.13	420.0	205	0.19	0.74	378.0	206	0.42	1.58	377.0
	207	0.33	1.38	420.0	208	0.24	0.92	378.0	209	0.56	2.12	377.0
	210	0.28	1.18	420.0	211	0.18	0.67	378.0	212	0.67	2.52	377.0
	213	0.27	1.13	420.0	214	0.17	0.66	378.0	215	0.60	2.28	377.0
	227	1.97	0.58	29.5	228	1.98	0.58	29.5	229	1.99	0.59	29.5
	230	2.01	0.59	29.5	231	2.03	0.60	29.5	232	1.98	0.59	29.5
	233	1.93	0.57	29.5	234	1.88	0.56	29.5	235	1.84	0.54	29.5
	236	1.79	0.53	29.5	237	1.75	0.51	29.5	238	1.70	0.50	29.5
	239	1.66	0.49	29.5	240	1.62	0.48	29.5	241	0.40	0.97	241.0
	242	0.22	0.07	33.4	243	0.24	0.11	46.9	244	0.26	0.12	46.9
	245	0.23	0.05	20.6								
201	4	0.08	0.29	378.0	6	0.11	0.41	377.0	7	0.20	0.83	420.0
	8	0.42	1.76	420.0	9	0.34	1.43	420.0	10	0.34	1.43	420.0
	11	0.29	1.20	420.0	12	0.30	1.25	420.0	13	0.23	0.95	420.0
	14	0.31	1.30	420.0	15	0.31	1.29	420.0	16	0.31	1.31	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	17	0.29	1.23	420.0	18	0.10	0.42	420.0	19	0.16	0.66	420.0
	20	0.12	0.52	420.0	21	0.11	0.45	420.0	22	0.10	0.44	420.0
	23	0.10	0.43	420.0	24	0.18	0.74	420.0	25	0.18	0.75	420.0
	27	0.34	1.32	390.5	28	0.13	0.54	420.0	29	0.13	0.56	420.0
	30	0.13	0.55	420.0	31	0.16	0.68	420.0	33	0.41	1.60	386.9
	34	0.38	1.46	386.9	35	0.38	1.60	420.0	36	0.34	1.42	420.0
	45	1.84	0.38	20.6	46	1.60	0.33	20.6	47	1.34	0.28	20.6
	48	1.09	0.23	20.6	49	0.84	0.17	20.6	50	0.60	0.12	20.6
	51	0.37	0.08	20.6	52	0.22	0.05	20.6	82	3.13	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.61	0.77	29.5
	86	2.44	0.72	29.5	87	2.29	0.67	29.5	88	2.14	0.63	29.5
	89	3.31	0.98	29.5	90	0.32	1.21	378.0	91	0.13	0.50	378.0
	92	0.14	0.53	378.0	93	0.17	0.66	378.0	94	0.32	1.19	378.0
	95	0.35	1.34	378.0	96	0.35	1.32	378.0	97	0.41	1.55	378.0
	98	0.38	1.42	378.0	99	0.34	1.27	378.0	100	0.31	1.16	378.0
	101	0.20	0.74	378.0	102	0.15	0.55	378.0	103	0.11	0.41	378.0
	104	0.09	0.33	378.0	105	0.17	0.64	378.0	106	0.13	0.49	378.0
	107	0.17	0.65	378.0	108	0.20	0.71	357.4	109	0.32	1.19	378.0
	110	0.21	0.04	20.6	111	0.37	1.36	368.1	112	0.50	1.82	368.1
	113	0.37	1.57	420.0	114	0.36	1.49	420.0	133	2.00	0.59	29.5
	134	1.89	0.56	29.5	135	1.70	0.50	29.5	136	1.59	0.47	29.5
	137	1.39	0.41	29.5	138	1.19	0.35	29.5	139	1.01	0.30	29.5
	140	0.84	0.25	29.5	142	0.51	1.87	368.1	143	0.35	1.46	420.0
	147	0.31	1.17	377.0	148	0.32	1.22	377.0	149	0.32	1.20	377.0
	150	0.31	1.17	377.0	151	0.30	1.14	377.0	152	0.75	2.84	377.0
	153	0.22	0.83	377.0	154	0.17	0.63	377.0	155	0.12	0.44	377.0
	156	0.23	0.86	377.0	157	0.22	0.83	377.0	158	0.23	0.86	377.0
	159	0.31	0.03	8.9	160	0.31	1.15	377.0	167	1.81	0.53	29.5
	168	1.66	0.49	29.5	169	1.55	0.46	29.5	170	1.35	0.40	29.5
	171	1.15	0.34	29.5	172	0.97	0.29	29.5	173	0.79	0.23	29.5
	174	0.62	0.18	29.5	175	0.67	0.20	29.5	176	0.21	0.04	20.6
	177	0.22	0.05	20.6	178	0.23	0.05	20.6	179	0.24	0.05	20.6
	180	0.25	0.05	20.6	181	0.26	0.05	20.6	182	3.02	0.62	20.6
	183	2.92	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.10	0.43	20.6
	191	0.46	0.14	29.5	192	0.34	0.10	29.5	195	0.27	0.06	20.6
	196	0.29	0.06	20.6	199	0.51	0.15	29.5	200	0.39	0.11	29.5
	201	0.29	1.21	420.0	202	0.30	1.15	378.0	203	0.32	1.20	377.0
	204	0.05	0.20	420.0	205	0.01	0.05	378.0	206	0.40	1.49	377.0
	207	0.04	0.15	420.0	208	0.11	0.42	378.0	209	0.13	0.49	377.0
	210	0.06	0.24	420.0	211	0.21	0.80	378.0	212	0.14	0.51	377.0
	213	0.03	0.11	420.0	214	0.16	0.62	378.0	215	0.10	0.37	377.0
	227	2.22	0.65	29.5	228	2.22	0.65	29.5	229	2.22	0.65	29.5
	230	2.23	0.66	29.5	231	2.24	0.66	29.5	232	2.20	0.65	29.5
	233	2.14	0.63	29.5	234	2.09	0.62	29.5	235	2.05	0.60	29.5
	236	2.00	0.59	29.5	237	1.96	0.58	29.5	238	1.92	0.57	29.5
	239	1.88	0.55	29.5	240	1.84	0.54	29.5	241	0.26	0.64	241.0
	242	0.23	0.08	33.4	243	0.30	0.14	46.9	244	0.32	0.15	46.9
	245	0.27	0.06	20.6								
202	4	0.03	0.10	378.0	6	0.08	0.32	377.0	7	0.10	0.41	420.0
	8	0.23	0.96	420.0	9	0.17	0.73	420.0	10	0.18	0.76	420.0
	11	0.15	0.61	420.0	12	0.18	0.74	420.0	13	0.13	0.57	420.0
	14	0.17	0.71	420.0	15	0.15	0.65	420.0	16	0.15	0.65	420.0
	17	0.15	0.61	420.0	18	0.05	0.19	420.0	19	0.03	0.14	420.0
	20	0.04	0.16	420.0	21	0.08	0.34	420.0	22	0.11	0.44	420.0
	23	0.05	0.22	420.0	24	0.12	0.49	420.0	25	0.13	0.54	420.0
	27	0.22	0.85	390.5	28	0.09	0.36	420.0	29	0.03	0.12	420.0
	30	0.03	0.14	420.0	31	0.08	0.35	420.0	33	0.25	0.98	386.9
	34	0.23	0.91	386.9	35	0.20	0.84	420.0	36	0.17	0.72	420.0
	45	1.84	0.38	20.6	46	1.59	0.33	20.6	47	1.33	0.27	20.6
	48	1.08	0.22	20.6	49	0.83	0.17	20.6	50	0.58	0.12	20.6
	51	0.34	0.07	20.6	52	0.18	0.04	20.6	82	3.13	0.92	29.5
	83	2.95	0.87	29.5	84	2.78	0.82	29.5	85	2.61	0.77	29.5
	86	2.44	0.72	29.5	87	2.27	0.67	29.5	88	2.10	0.62	29.5
	89	3.31	0.98	29.5	90	0.18	0.70	378.0	91	0.04	0.17	378.0
	92	0.04	0.14	378.0	93	0.05	0.17	378.0	94	0.17	0.63	378.0
	95	0.19	0.72	378.0	96	0.19	0.71	378.0	97	0.23	0.86	378.0
	98	0.21	0.79	378.0	99	0.18	0.69	378.0	100	0.16	0.62	378.0
	101	0.07	0.25	378.0	102	0.03	0.10	378.0	103	0.01	0.04	378.0
	104	0.03	0.12	378.0	105	0.05	0.20	378.0	106	0.02	0.06	378.0
	107	0.05	0.21	378.0	108	0.11	0.39	357.4	109	0.17	0.64	378.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	110	0.17	0.03	20.6	111	0.23	0.86	368.1	112	0.39	1.43	368.1
	113	0.20	0.82	420.0	114	0.18	0.78	420.0	133	1.95	0.57	29.5
	134	1.81	0.53	29.5	135	1.61	0.48	29.5	136	1.50	0.44	29.5
	137	1.31	0.39	29.5	138	1.11	0.33	29.5	139	0.94	0.28	29.5
	140	0.76	0.22	29.5	142	0.41	1.50	368.1	143	0.18	0.76	420.0
	147	0.17	0.65	377.0	148	0.17	0.66	377.0	149	0.17	0.65	377.0
	150	0.17	0.64	377.0	151	0.18	0.66	377.0	152	0.63	2.37	377.0
	153	0.13	0.47	377.0	154	0.11	0.40	377.0	155	0.09	0.32	377.0
	156	0.04	0.14	377.0	157	0.13	0.47	377.0	158	0.02	0.09	377.0
	159	0.25	0.02	8.9	160	0.17	0.65	377.0	167	1.83	0.54	29.5
	168	1.68	0.50	29.5	169	1.56	0.46	29.5	170	1.37	0.40	29.5
	171	1.17	0.34	29.5	172	0.98	0.29	29.5	173	0.80	0.24	29.5
	174	0.61	0.18	29.5	175	0.58	0.17	29.5	176	0.16	0.03	20.6
	177	0.16	0.03	20.6	178	0.16	0.03	20.6	179	0.16	0.03	20.6
	180	0.16	0.03	20.6	181	0.16	0.03	20.6	182	3.01	0.62	20.6
	183	2.91	0.60	20.6	184	2.84	0.59	20.6	185	2.77	0.57	20.6
	186	2.71	0.56	20.6	187	2.35	0.48	20.6	188	2.09	0.43	20.6
	191	0.43	0.13	29.5	192	0.27	0.08	29.5	195	0.16	0.03	20.6
	196	0.17	0.03	20.6	199	0.41	0.12	29.5	200	0.26	0.08	29.5
	201	0.15	0.65	420.0	202	0.18	0.68	378.0	203	0.20	0.75	377.0
	204	0.04	0.16	420.0	205	0.15	0.55	378.0	206	0.32	1.20	377.0
	207	0.11	0.45	420.0	208	0.23	0.86	378.0	209	0.33	1.24	377.0
	210	0.16	0.69	420.0	211	0.35	1.31	378.0	212	0.57	2.15	377.0
	213	0.13	0.56	420.0	214	0.31	1.16	378.0	215	0.54	2.05	377.0
	227	2.23	0.66	29.5	228	2.23	0.66	29.5	229	2.24	0.66	29.5
	230	2.25	0.66	29.5	231	2.26	0.67	29.5	232	2.21	0.65	29.5
	233	2.16	0.64	29.5	234	2.11	0.62	29.5	235	2.06	0.61	29.5
	236	2.02	0.60	29.5	237	1.97	0.58	29.5	238	1.93	0.57	29.5
	239	1.89	0.56	29.5	240	1.86	0.55	29.5	241	0.18	0.43	241.0
	242	0.13	0.04	33.4	243	0.23	0.11	46.9	244	0.26	0.12	46.9
	245	0.20	0.04	20.6								
203	4	0.51	1.91	378.0	6	0.54	2.04	377.0	7	0.40	1.68	420.0
	8	0.21	0.87	420.0	9	0.30	1.24	420.0	10	0.32	1.35	420.0
	11	0.41	1.72	420.0	12	0.45	1.89	420.0	13	0.45	1.90	420.0
	14	0.27	1.15	420.0	15	0.27	1.14	420.0	16	0.19	0.80	420.0
	17	0.26	1.08	420.0	18	0.46	1.94	420.0	19	0.32	1.35	420.0
	20	0.36	1.50	420.0	21	0.42	1.78	420.0	22	0.46	1.93	420.0
	23	0.38	1.61	420.0	24	0.46	1.92	420.0	25	0.47	1.99	420.0
	27	0.05	0.20	390.5	28	0.43	1.83	420.0	29	0.34	1.43	420.0
	30	0.35	1.46	420.0	31	0.40	1.67	420.0	33	0.35	1.35	386.9
	34	0.30	1.15	386.9	35	0.14	0.60	420.0	36	0.13	0.54	420.0
	45	2.00	0.41	20.6	46	1.77	0.36	20.6	47	1.53	0.31	20.6
	48	1.29	0.27	20.6	49	1.05	0.22	20.6	50	0.82	0.17	20.6
	51	0.59	0.12	20.6	52	0.41	0.08	20.6	82	3.15	0.93	29.5
	83	2.99	0.88	29.5	84	2.82	0.83	29.5	85	2.65	0.78	29.5
	86	2.51	0.74	29.5	87	2.35	0.69	29.5	88	2.20	0.65	29.5
	89	3.32	0.98	29.5	90	0.31	1.16	378.0	91	0.52	1.96	378.0
	92	0.50	1.90	378.0	93	0.44	1.65	378.0	94	0.30	1.14	378.0
	95	0.27	1.02	378.0	96	0.26	0.99	378.0	97	0.22	0.83	378.0
	98	0.22	0.83	378.0	99	0.24	0.92	378.0	100	0.29	1.09	378.0
	101	0.38	1.43	378.0	102	0.42	1.60	378.0	103	0.47	1.77	378.0
	104	0.51	1.93	378.0	105	0.38	1.45	378.0	106	0.41	1.56	378.0
	107	0.37	1.41	378.0	108	0.34	1.23	357.4	109	0.26	0.97	378.0
	110	0.32	0.07	20.6	111	0.36	1.31	368.1	112	0.52	1.90	368.1
	113	0.22	0.93	420.0	114	0.21	0.86	420.0	133	2.04	0.60	29.5
	134	1.91	0.56	29.5	135	1.72	0.51	29.5	136	1.62	0.48	29.5
	137	1.44	0.42	29.5	138	1.26	0.37	29.5	139	1.09	0.32	29.5
	140	0.92	0.27	29.5	142	0.53	1.96	368.1	143	0.20	0.82	420.0
	147	0.27	1.01	377.0	148	0.24	0.90	377.0	149	0.23	0.86	377.0
	150	0.25	0.94	377.0	151	0.29	1.11	377.0	152	0.30	1.11	377.0
	153	0.46	1.74	377.0	154	0.52	1.96	377.0	155	0.56	2.10	377.0
	156	0.39	1.48	377.0	157	0.45	1.72	377.0	158	0.38	1.44	377.0
	159	0.33	0.03	8.9	160	0.26	0.98	377.0	167	1.56	0.46	29.5
	168	1.43	0.42	29.5	169	1.32	0.39	29.5	170	1.13	0.33	29.5
	171	0.95	0.28	29.5	172	0.77	0.23	29.5	173	0.60	0.18	29.5
	174	0.44	0.13	29.5	175	0.75	0.22	29.5	176	0.32	0.07	20.6
	177	0.31	0.06	20.6	178	0.31	0.06	20.6	179	0.31	0.06	20.6
	180	0.31	0.06	20.6	181	0.31	0.06	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.95	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.24	0.46	20.6
	191	0.29	0.09	29.5	192	0.21	0.06	29.5	195	0.30	0.06	20.6

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	196	0.29	0.06	20.6	199	0.59	0.17	29.5	200	0.43	0.13	29.5
	201	0.20	0.84	420.0	202	0.27	1.01	378.0	203	0.29	1.09	377.0
	204	0.37	1.57	420.0	205	0.30	1.14	378.0	206	0.50	1.88	377.0
	207	0.43	1.79	420.0	208	0.35	1.31	378.0	209	0.64	2.41	377.0
	210	0.39	1.62	420.0	211	0.25	0.93	378.0	212	0.73	2.74	377.0
	213	0.38	1.59	420.0	214	0.24	0.91	378.0	215	0.66	2.49	377.0
	227	1.96	0.58	29.5	228	1.96	0.58	29.5	229	1.97	0.58	29.5
	230	1.98	0.58	29.5	231	2.00	0.59	29.5	232	1.95	0.58	29.5
	233	1.90	0.56	29.5	234	1.85	0.55	29.5	235	1.80	0.53	29.5
	236	1.76	0.52	29.5	237	1.71	0.51	29.5	238	1.67	0.49	29.5
	239	1.63	0.48	29.5	240	1.59	0.47	29.5	241	0.47	1.14	241.0
	242	0.33	0.11	33.4	243	0.33	0.16	46.9	244	0.34	0.16	46.9
	245	0.31	0.06	20.6								
204	4	0.43	1.64	378.0	6	0.47	1.77	377.0	7	0.39	1.65	420.0
	8	0.27	1.13	420.0	9	0.33	1.39	420.0	10	0.37	1.55	420.0
	11	0.44	1.84	420.0	12	0.49	2.05	420.0	13	0.46	1.93	420.0
	14	0.30	1.25	420.0	15	0.28	1.18	420.0	16	0.25	1.04	420.0
	17	0.25	1.05	420.0	18	0.28	1.16	420.0	19	0.31	1.32	420.0
	20	0.35	1.48	420.0	21	0.38	1.58	420.0	22	0.41	1.72	420.0
	23	0.34	1.41	420.0	24	0.44	1.84	420.0	25	0.46	1.91	420.0
	27	0.06	0.24	390.5	28	0.42	1.75	420.0	29	0.24	1.01	420.0
	30	0.24	1.02	420.0	31	0.38	1.59	420.0	33	0.29	1.12	386.9
	34	0.28	1.10	386.9	35	0.25	1.04	420.0	36	0.25	1.04	420.0
	45	1.99	0.41	20.6	46	1.76	0.36	20.6	47	1.52	0.31	20.6
	48	1.27	0.26	20.6	49	1.04	0.21	20.6	50	0.80	0.16	20.6
	51	0.56	0.12	20.6	52	0.37	0.08	20.6	82	3.17	0.94	29.5
	83	3.01	0.89	29.5	84	2.84	0.84	29.5	85	2.67	0.79	29.5
	86	2.50	0.74	29.5	87	2.33	0.69	29.5	88	2.17	0.64	29.5
	89	3.35	0.99	29.5	90	0.31	1.17	378.0	91	0.49	1.84	378.0
	92	0.47	1.78	378.0	93	0.40	1.53	378.0	94	0.30	1.13	378.0
	95	0.28	1.06	378.0	96	0.26	1.00	378.0	97	0.28	1.05	378.0
	98	0.21	0.81	378.0	99	0.21	0.81	378.0	100	0.27	1.02	378.0
	101	0.33	1.23	378.0	102	0.37	1.39	378.0	103	0.41	1.56	378.0
	104	0.45	1.71	378.0	105	0.31	1.18	378.0	106	0.34	1.30	378.0
	107	0.27	1.01	378.0	108	0.36	1.28	357.4	109	0.22	0.82	378.0
	110	0.28	0.06	20.6	111	0.31	1.12	368.1	112	0.49	1.81	368.1
	113	0.29	1.23	420.0	114	0.27	1.12	420.0	133	2.00	0.59	29.5
	134	1.86	0.55	29.5	135	1.67	0.49	29.5	136	1.56	0.46	29.5
	137	1.39	0.41	29.5	138	1.21	0.36	29.5	139	1.04	0.31	29.5
	140	0.87	0.26	29.5	142	0.51	1.89	368.1	143	0.25	1.05	420.0
	147	0.25	0.96	377.0	148	0.26	0.97	377.0	149	0.21	0.79	377.0
	150	0.21	0.80	377.0	151	0.26	0.99	377.0	152	0.41	1.54	377.0
	153	0.40	1.52	377.0	154	0.46	1.73	377.0	155	0.50	1.88	377.0
	156	0.31	1.18	377.0	157	0.38	1.43	377.0	158	0.28	1.04	377.0
	159	0.26	0.02	8.9	160	0.22	0.81	377.0	167	1.59	0.47	29.5
	168	1.45	0.43	29.5	169	1.34	0.39	29.5	170	1.15	0.34	29.5
	171	0.96	0.28	29.5	172	0.78	0.23	29.5	173	0.61	0.18	29.5
	174	0.43	0.13	29.5	175	0.70	0.21	29.5	176	0.27	0.06	20.6
	177	0.26	0.05	20.6	178	0.26	0.05	20.6	179	0.25	0.05	20.6
	180	0.25	0.05	20.6	181	0.24	0.05	20.6	182	3.12	0.64	20.6
	183	3.02	0.62	20.6	184	2.94	0.61	20.6	185	2.88	0.59	20.6
	186	2.82	0.58	20.6	187	2.48	0.51	20.6	188	2.23	0.46	20.6
	191	0.25	0.07	29.5	192	0.10	0.03	29.5	195	0.23	0.05	20.6
	196	0.21	0.04	20.6	199	0.53	0.16	29.5	200	0.37	0.11	29.5
	201	0.25	1.06	420.0	202	0.22	0.83	378.0	203	0.23	0.87	377.0
	204	0.27	1.14	420.0	205	0.20	0.75	378.0	206	0.42	1.59	377.0
	207	0.33	1.39	420.0	208	0.25	0.93	378.0	209	0.57	2.13	377.0
	210	0.28	1.19	420.0	211	0.18	0.67	378.0	212	0.67	2.53	377.0
	213	0.27	1.14	420.0	214	0.17	0.66	378.0	215	0.61	2.28	377.0
	227	1.97	0.58	29.5	228	1.98	0.58	29.5	229	1.99	0.59	29.5
	230	2.00	0.59	29.5	231	2.02	0.60	29.5	232	1.98	0.58	29.5
	233	1.93	0.57	29.5	234	1.88	0.55	29.5	235	1.83	0.54	29.5
	236	1.79	0.53	29.5	237	1.74	0.51	29.5	238	1.70	0.50	29.5
	239	1.66	0.49	29.5	240	1.62	0.48	29.5	241	0.41	0.98	241.0
	242	0.22	0.07	33.4	243	0.24	0.11	46.9	244	0.26	0.12	46.9
	245	0.23	0.05	20.6								
205	4	0.47	1.76	378.0	6	0.50	1.89	377.0	7	0.32	1.33	420.0
	8	0.52	2.16	420.0	9	0.43	1.82	420.0	10	0.39	1.64	420.0
	11	0.34	1.43	420.0	12	0.29	1.23	420.0	13	0.28	1.16	420.0
	14	0.40	1.67	420.0	15	0.43	1.79	420.0	16	0.44	1.85	420.0
	17	0.42	1.78	420.0	18	0.40	1.69	420.0	19	0.33	1.37	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	20	0.30	1.24	420.0	21	0.27	1.11	420.0	22	0.24	1.01	420.0
	23	0.30	1.26	420.0	24	0.26	1.09	420.0	25	0.25	1.04	420.0
	27	0.45	1.77	390.5	28	0.25	1.03	420.0	29	0.33	1.41	420.0
	30	0.33	1.40	420.0	31	0.31	1.29	420.0	33	0.47	1.81	386.9
	34	0.41	1.57	386.9	35	0.49	2.06	420.0	36	0.46	1.92	420.0
	45	1.90	0.39	20.6	46	1.65	0.34	20.6	47	1.41	0.29	20.6
	48	1.16	0.24	20.6	49	0.92	0.19	20.6	50	0.69	0.14	20.6
	51	0.47	0.10	20.6	52	0.33	0.07	20.6	82	3.13	0.92	29.5
	83	2.97	0.88	29.5	84	2.81	0.83	29.5	85	2.64	0.78	29.5
	86	2.48	0.73	29.5	87	2.33	0.69	29.5	88	2.19	0.65	29.5
	89	3.31	0.98	29.5	90	0.44	1.68	378.0	91	0.46	1.74	378.0
	92	0.46	1.73	378.0	93	0.44	1.65	378.0	94	0.41	1.57	378.0
	95	0.40	1.52	378.0	96	0.40	1.52	378.0	97	0.40	1.50	378.0
	98	0.39	1.49	378.0	99	0.40	1.51	378.0	100	0.41	1.57	378.0
	101	0.45	1.70	378.0	102	0.44	1.65	378.0	103	0.45	1.71	378.0
	104	0.47	1.76	378.0	105	0.43	1.62	378.0	106	0.43	1.62	378.0
	107	0.42	1.59	378.0	108	0.43	1.53	357.4	109	0.40	1.52	378.0
	110	0.30	0.06	20.6	111	0.39	1.44	368.1	112	0.39	1.42	368.1
	113	0.47	1.99	420.0	114	0.47	1.96	420.0	133	2.06	0.61	29.5
	134	1.95	0.58	29.5	135	1.77	0.52	29.5	136	1.65	0.49	29.5
	137	1.45	0.43	29.5	138	1.26	0.37	29.5	139	1.09	0.32	29.5
	140	0.92	0.27	29.5	142	0.38	1.41	368.1	143	0.46	1.95	420.0
	147	0.40	1.49	377.0	148	0.37	1.38	377.0	149	0.37	1.39	377.0
	150	0.39	1.46	377.0	151	0.42	1.58	377.0	152	0.46	1.74	377.0
	153	0.49	1.84	377.0	154	0.51	1.93	377.0	155	0.52	1.97	377.0
	156	0.45	1.69	377.0	157	0.48	1.82	377.0	158	0.44	1.67	377.0
	159	0.41	0.04	8.9	160	0.40	1.50	377.0	167	0.70	0.21	29.5
	168	0.56	0.17	29.5	169	0.46	0.13	29.5	170	0.30	0.09	29.5
	171	0.23	0.07	29.5	172	0.29	0.08	29.5	173	0.42	0.12	29.5
	174	0.58	0.17	29.5	175	0.75	0.22	29.5	176	0.30	0.06	20.6
	177	0.31	0.06	20.6	178	0.32	0.07	20.6	179	0.33	0.07	20.6
	180	0.34	0.07	20.6	181	0.36	0.07	20.6	182	3.06	0.63	20.6
	183	2.96	0.61	20.6	184	2.88	0.59	20.6	185	2.81	0.58	20.6
	186	2.75	0.57	20.6	187	2.39	0.49	20.6	188	2.14	0.44	20.6
	191	0.49	0.15	29.5	192	0.41	0.12	29.5	195	0.37	0.08	20.6
	196	0.39	0.08	20.6	199	0.60	0.18	29.5	200	0.48	0.14	29.5
	201	0.40	1.67	420.0	202	0.43	1.64	378.0	203	0.44	1.65	377.0
	204	0.33	1.38	420.0	205	0.33	1.26	378.0	206	0.54	2.03	377.0
	207	0.27	1.14	420.0	208	0.31	1.16	378.0	209	0.63	2.39	377.0
	210	0.26	1.08	420.0	211	0.21	0.80	378.0	212	0.74	2.80	377.0
	213	0.28	1.19	420.0	214	0.23	0.89	378.0	215	0.69	2.60	377.0
	227	1.16	0.34	29.5	228	1.16	0.34	29.5	229	1.15	0.34	29.5
	230	1.15	0.34	29.5	231	1.16	0.34	29.5	232	1.10	0.32	29.5
	233	1.04	0.31	29.5	234	0.99	0.29	29.5	235	0.95	0.28	29.5
	236	0.90	0.26	29.5	237	0.85	0.25	29.5	238	0.81	0.24	29.5
	239	0.77	0.23	29.5	240	0.73	0.22	29.5	241	0.50	1.21	241.0
	242	0.42	0.14	33.4	243	0.43	0.20	46.9	244	0.43	0.20	46.9
	245	0.39	0.08	20.6								
206	4	0.14	0.54	378.0	6	0.12	0.46	377.0	7	0.19	0.81	420.0
	8	0.14	0.59	420.0	9	0.03	0.14	420.0	10	0.09	0.37	420.0
	11	0.17	0.70	420.0	12	0.25	1.03	420.0	13	0.27	1.14	420.0
	14	0.07	0.31	420.0	15	0.01	0.05	420.0	16	0.04	0.17	420.0
	17	0.01	0.05	420.0	18	0.07	0.31	420.0	19	0.17	0.73	420.0
	20	0.23	0.97	420.0	21	0.28	1.19	420.0	22	0.33	1.38	420.0
	23	0.22	0.92	420.0	24	0.30	1.24	420.0	25	0.32	1.33	420.0
	27	0.09	0.34	390.5	28	0.32	1.35	420.0	29	0.16	0.66	420.0
	30	0.16	0.67	420.0	31	0.21	0.87	420.0	33	0.02	0.08	386.9
	34	0.20	0.78	386.9	35	0.11	0.45	420.0	36	0.06	0.26	420.0
	45	1.64	0.34	20.6	46	1.65	0.34	20.6	47	1.40	0.29	20.6
	48	1.15	0.24	20.6	49	0.90	0.19	20.6	50	0.65	0.13	20.6
	51	0.41	0.08	20.6	52	0.20	0.04	20.6	82	2.72	0.80	29.5
	83	2.55	0.75	29.5	84	2.38	0.70	29.5	85	2.20	0.65	29.5
	86	2.03	0.60	29.5	87	1.86	0.55	29.5	88	1.69	0.50	29.5
	89	2.89	0.85	29.5	90	0.05	0.18	378.0	91	0.13	0.51	378.0
	92	0.13	0.48	378.0	93	0.10	0.39	378.0	94	0.04	0.16	378.0
	95	0.03	0.12	378.0	96	0.04	0.14	378.0	97	0.04	0.14	378.0
	98	0.08	0.29	378.0	99	0.08	0.29	378.0	100	0.05	0.19	378.0
	101	0.06	0.21	378.0	102	0.11	0.42	378.0	103	0.13	0.49	378.0
	104	0.14	0.53	378.0	105	0.11	0.42	378.0	106	0.13	0.50	378.0
	107	0.12	0.44	378.0	108	0.12	0.42	357.4	109	0.08	0.30	378.0
	110	0.10	0.02	20.6	111	0.23	0.85	368.1	112	0.31	1.15	368.1

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	113	0.08	0.32	420.0	114	0.06	0.27	420.0	133	1.52	0.45	29.5
	134	1.38	0.41	29.5	135	1.18	0.35	29.5	136	1.07	0.32	29.5
	137	0.89	0.26	29.5	138	0.70	0.21	29.5	139	0.53	0.16	29.5
	140	0.37	0.11	29.5	142	0.29	1.05	368.1	143	0.06	0.25	420.0
	147	0.08	0.29	377.0	148	0.08	0.30	377.0	149	0.10	0.36	377.0
	150	0.10	0.36	377.0	151	0.08	0.29	377.0	152	0.08	0.29	377.0
	153	0.08	0.30	377.0	154	0.08	0.30	377.0	155	0.08	0.32	377.0
	156	0.09	0.34	377.0	157	0.10	0.38	377.0	158	0.08	0.28	377.0
	159	0.19	0.02	8.9	160	0.09	0.35	377.0	167	1.71	0.50	29.5
	168	1.56	0.46	29.5	169	1.45	0.43	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.88	0.26	29.5	173	0.69	0.20	29.5
	174	0.50	0.15	29.5	175	0.20	0.06	29.5	176	0.10	0.02	20.6
	177	0.10	0.02	20.6	178	0.10	0.02	20.6	179	0.09	0.02	20.6
	180	0.09	0.02	20.6	181	0.09	0.02	20.6	182	0.38	0.08	20.6
	183	0.49	0.10	20.6	184	0.58	0.12	20.6	185	0.66	0.14	20.6
	186	0.74	0.15	20.6	187	1.12	0.23	20.6	188	1.38	0.28	20.6
	191	0.32	0.09	29.5	192	0.13	0.04	29.5	195	0.09	0.02	20.6
	196	0.09	0.02	20.6	199	0.03	9.17e-03	29.5	200	0.12	0.04	29.5
	201	0.08	0.33	420.0	202	0.09	0.33	378.0	203	0.09	0.34	377.0
	204	0.22	0.92	420.0	205	0.32	1.22	378.0	206	0.24	0.91	377.0
	207	0.33	1.38	420.0	208	0.37	1.39	378.0	209	0.27	1.01	377.0
	210	0.39	1.62	420.0	211	0.51	1.93	378.0	212	0.52	1.94	377.0
	213	0.34	1.44	420.0	214	0.49	1.84	378.0	215	0.49	1.84	377.0
	227	2.11	0.62	29.5	228	2.12	0.62	29.5	229	2.12	0.63	29.5
	230	2.13	0.63	29.5	231	2.14	0.63	29.5	232	2.10	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.95	0.57	29.5
	236	1.90	0.56	29.5	237	1.86	0.55	29.5	238	1.82	0.54	29.5
	239	1.78	0.52	29.5	240	1.74	0.51	29.5	241	0.21	0.52	241.0
	242	0.04	0.01	33.4	243	0.17	0.08	46.9	244	0.21	0.10	46.9
	245	0.12	0.02	20.6								
207	4	0.58	2.20	378.0	6	0.61	2.30	377.0	7	0.52	2.20	420.0
	8	0.21	0.89	420.0	9	0.35	1.46	420.0	10	0.42	1.77	420.0
	11	0.50	2.10	420.0	12	0.56	2.36	420.0	13	0.60	2.51	420.0
	14	0.41	1.72	420.0	15	0.35	1.46	420.0	16	0.30	1.26	420.0
	17	0.35	1.45	420.0	18	0.40	1.69	420.0	19	0.48	2.01	420.0
	20	0.54	2.25	420.0	21	0.61	2.55	420.0	22	0.66	2.78	420.0
	23	0.54	2.26	420.0	24	0.63	2.63	420.0	25	0.65	2.73	420.0
	27	0.19	0.74	390.5	28	0.66	2.75	420.0	29	0.47	1.97	420.0
	30	0.47	1.97	420.0	31	0.53	2.24	420.0	33	0.43	1.67	386.9
	34	0.32	1.24	386.9	35	0.22	0.91	420.0	36	0.27	1.13	420.0
	45	1.94	0.40	20.6	46	1.71	0.35	20.6	47	1.46	0.30	20.6
	48	1.22	0.25	20.6	49	0.98	0.20	20.6	50	0.75	0.16	20.6
	51	0.54	0.11	20.6	52	0.38	0.08	20.6	82	0.27	0.08	29.5
	83	0.37	0.11	29.5	84	0.51	0.15	29.5	85	0.67	0.20	29.5
	86	0.85	0.25	29.5	87	1.03	0.30	29.5	88	1.21	0.36	29.5
	89	0.28	0.08	29.5	90	0.45	1.72	378.0	91	0.59	2.24	378.0
	92	0.58	2.19	378.0	93	0.52	1.98	378.0	94	0.43	1.61	378.0
	95	0.39	1.47	378.0	96	0.39	1.46	378.0	97	0.35	1.33	378.0
	98	0.35	1.31	378.0	99	0.37	1.41	378.0	100	0.42	1.59	378.0
	101	0.45	1.69	378.0	102	0.52	1.96	378.0	103	0.56	2.10	378.0
	104	0.59	2.23	378.0	105	0.48	1.82	378.0	106	0.50	1.91	378.0
	107	0.47	1.76	378.0	108	0.48	1.70	357.4	109	0.39	1.46	378.0
	110	0.32	0.07	20.6	111	0.42	1.56	368.1	112	0.53	1.95	368.1
	113	0.28	1.17	420.0	114	0.28	1.18	420.0	133	1.39	0.41	29.5
	134	1.54	0.46	29.5	135	1.71	0.51	29.5	136	1.67	0.49	29.5
	137	1.47	0.43	29.5	138	1.29	0.38	29.5	139	1.11	0.33	29.5
	140	0.95	0.28	29.5	142	0.54	1.99	368.1	143	0.28	1.17	420.0
	147	0.39	1.46	377.0	148	0.34	1.29	377.0	149	0.34	1.29	377.0
	150	0.37	1.40	377.0	151	0.42	1.60	377.0	152	0.47	1.77	377.0
	153	0.55	2.09	377.0	154	0.60	2.27	377.0	155	0.63	2.38	377.0
	156	0.49	1.85	377.0	157	0.55	2.06	377.0	158	0.47	1.79	377.0
	159	0.42	0.04	8.9	160	0.39	1.46	377.0	167	1.69	0.50	29.5
	168	1.55	0.46	29.5	169	1.43	0.42	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.89	0.26	29.5	173	0.73	0.21	29.5
	174	0.58	0.17	29.5	175	0.78	0.23	29.5	176	0.33	0.07	20.6
	177	0.33	0.07	20.6	178	0.34	0.07	20.6	179	0.35	0.07	20.6
	180	0.36	0.07	20.6	181	0.37	0.08	20.6	182	3.09	0.64	20.6
	183	2.99	0.62	20.6	184	2.92	0.60	20.6	185	2.85	0.59	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.19	0.45	20.6
	191	0.45	0.13	29.5	192	0.38	0.11	29.5	195	0.37	0.08	20.6
	196	0.38	0.08	20.6	199	0.62	0.18	29.5	200	0.49	0.14	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	201	0.39	1.62	420.0	202	0.43	1.61	378.0	203	0.44	1.65	377.0
	204	0.53	2.22	420.0	205	0.41	1.53	378.0	206	0.56	2.12	377.0
	207	0.63	2.65	420.0	208	0.42	1.59	378.0	209	0.69	2.61	377.0
	210	0.58	2.43	420.0	211	0.32	1.21	378.0	212	0.77	2.90	377.0
	213	0.56	2.33	420.0	214	0.33	1.24	378.0	215	0.70	2.65	377.0
	227	2.09	0.62	29.5	228	2.09	0.62	29.5	229	2.10	0.62	29.5
	230	2.10	0.62	29.5	231	2.12	0.62	29.5	232	2.07	0.61	29.5
	233	2.02	0.59	29.5	234	1.97	0.58	29.5	235	1.92	0.57	29.5
	236	1.88	0.55	29.5	237	1.83	0.54	29.5	238	1.79	0.53	29.5
	239	1.75	0.52	29.5	240	1.72	0.51	29.5	241	0.55	1.32	241.0
	242	0.44	0.15	33.4	243	0.44	0.21	46.9	244	0.43	0.20	46.9
	245	0.41	0.08	20.6								
208	4	0.15	0.55	378.0	6	0.18	0.69	377.0	7	0.10	0.41	420.0
	8	0.24	1.01	420.0	9	0.16	0.69	420.0	10	0.13	0.53	420.0
	11	0.10	0.41	420.0	12	0.09	0.36	420.0	13	0.10	0.41	420.0
	14	0.14	0.58	420.0	15	0.16	0.66	420.0	16	0.18	0.77	420.0
	17	0.16	0.65	420.0	18	0.14	0.59	420.0	19	0.13	0.55	420.0
	20	0.13	0.54	420.0	21	0.11	0.44	420.0	22	0.12	0.52	420.0
	23	0.10	0.41	420.0	24	0.11	0.45	420.0	25	0.11	0.48	420.0
	27	0.19	0.76	390.5	28	0.15	0.62	420.0	29	0.13	0.54	420.0
	30	0.13	0.55	420.0	31	0.10	0.41	420.0	33	0.27	1.03	386.9
	34	0.26	1.01	386.9	35	0.23	0.96	420.0	36	0.20	0.84	420.0
	45	1.94	0.40	20.6	46	1.70	0.35	20.6	47	1.46	0.30	20.6
	48	1.21	0.25	20.6	49	0.96	0.20	20.6	50	0.72	0.15	20.6
	51	0.48	0.10	20.6	52	0.27	0.06	20.6	82	3.15	0.93	29.5
	83	2.98	0.88	29.5	84	2.82	0.83	29.5	85	2.65	0.78	29.5
	86	2.48	0.73	29.5	87	2.31	0.68	29.5	88	2.14	0.63	29.5
	89	3.32	0.98	29.5	90	0.14	0.53	378.0	91	0.14	0.52	378.0
	92	0.14	0.52	378.0	93	0.13	0.50	378.0	94	0.14	0.52	378.0
	95	0.14	0.53	378.0	96	0.14	0.52	378.0	97	0.14	0.54	378.0
	98	0.16	0.60	378.0	99	0.16	0.59	378.0	100	0.14	0.51	378.0
	101	0.14	0.54	378.0	102	0.13	0.49	378.0	103	0.13	0.49	378.0
	104	0.13	0.49	378.0	105	0.15	0.57	378.0	106	0.15	0.59	378.0
	107	0.15	0.55	378.0	108	0.15	0.55	357.4	109	0.16	0.59	378.0
	110	0.16	0.03	20.6	111	0.29	1.06	368.1	112	0.47	1.74	368.1
	113	0.20	0.84	420.0	114	0.19	0.82	420.0	133	1.98	0.58	29.5
	134	1.84	0.54	29.5	135	1.64	0.48	29.5	136	1.53	0.45	29.5
	137	1.35	0.40	29.5	138	1.17	0.35	29.5	139	1.00	0.30	29.5
	140	0.84	0.25	29.5	142	0.49	1.82	368.1	143	0.19	0.81	420.0
	147	0.16	0.59	377.0	148	0.17	0.63	377.0	149	0.17	0.63	377.0
	150	0.16	0.61	377.0	151	0.15	0.57	377.0	152	0.15	0.56	377.0
	153	0.16	0.59	377.0	154	0.16	0.61	377.0	155	0.17	0.62	377.0
	156	0.15	0.55	377.0	157	0.17	0.63	377.0	158	0.13	0.47	377.0
	159	0.16	0.01	8.9	160	0.16	0.60	377.0	167	1.63	0.48	29.5
	168	1.49	0.44	29.5	169	1.37	0.41	29.5	170	1.18	0.35	29.5
	171	0.99	0.29	29.5	172	0.81	0.24	29.5	173	0.63	0.19	29.5
	174	0.44	0.13	29.5	175	0.67	0.20	29.5	176	0.16	0.03	20.6
	177	0.16	0.03	20.6	178	0.16	0.03	20.6	179	0.16	0.03	20.6
	180	0.16	0.03	20.6	181	0.16	0.03	20.6	182	3.09	0.64	20.6
	183	2.99	0.62	20.6	184	2.91	0.60	20.6	185	2.84	0.59	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.18	0.45	20.6
	191	0.26	0.08	29.5	192	0.08	0.02	29.5	195	0.16	0.03	20.6
	196	0.16	0.03	20.6	199	0.50	0.15	29.5	200	0.33	0.10	29.5
	201	0.16	0.66	420.0	202	0.16	0.60	378.0	203	0.15	0.56	377.0
	204	0.12	0.51	420.0	205	0.29	1.08	378.0	206	0.28	1.04	377.0
	207	0.10	0.43	420.0	208	0.30	1.13	378.0	209	0.34	1.27	377.0
	210	0.12	0.52	420.0	211	0.44	1.65	378.0	212	0.54	2.05	377.0
	213	0.13	0.56	420.0	214	0.42	1.60	378.0	215	0.51	1.91	377.0
	227	2.03	0.60	29.5	228	2.04	0.60	29.5	229	2.04	0.60	29.5
	230	2.05	0.61	29.5	231	2.06	0.61	29.5	232	2.02	0.60	29.5
	233	1.97	0.58	29.5	234	1.92	0.57	29.5	235	1.87	0.55	29.5
	236	1.82	0.54	29.5	237	1.78	0.53	29.5	238	1.74	0.51	29.5
	239	1.70	0.50	29.5	240	1.66	0.49	29.5	241	0.28	0.66	241.0
	242	0.01	3.62e-03	33.4	243	0.14	0.07	46.9	244	0.18	0.09	46.9
	245	0.10	0.02	20.6								
209	4	0.47	1.77	378.0	6	0.51	1.91	377.0	7	0.32	1.34	420.0
	8	0.52	2.18	420.0	9	0.44	1.84	420.0	10	0.39	1.65	420.0
	11	0.34	1.44	420.0	12	0.30	1.24	420.0	13	0.28	1.18	420.0
	14	0.40	1.69	420.0	15	0.43	1.80	420.0	16	0.44	1.86	420.0
	17	0.43	1.79	420.0	18	0.41	1.71	420.0	19	0.33	1.38	420.0
	20	0.30	1.26	420.0	21	0.27	1.13	420.0	22	0.24	1.02	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	23	0.30	1.28	420.0	24	0.26	1.11	420.0	25	0.25	1.06	420.0
	27	0.46	1.78	390.5	28	0.25	1.04	420.0	29	0.34	1.42	420.0
	30	0.34	1.41	420.0	31	0.31	1.30	420.0	33	0.47	1.83	386.9
	34	0.41	1.59	386.9	35	0.49	2.07	420.0	36	0.46	1.94	420.0
	45	1.90	0.39	20.6	46	1.65	0.34	20.6	47	1.41	0.29	20.6
	48	1.16	0.24	20.6	49	0.92	0.19	20.6	50	0.69	0.14	20.6
	51	0.47	0.10	20.6	52	0.33	0.07	20.6	82	3.13	0.92	29.5
	83	2.96	0.87	29.5	84	2.80	0.83	29.5	85	2.64	0.78	29.5
	86	2.48	0.73	29.5	87	2.33	0.69	29.5	88	2.19	0.65	29.5
	89	3.30	0.97	29.5	90	0.45	1.69	378.0	91	0.46	1.75	378.0
	92	0.46	1.73	378.0	93	0.44	1.66	378.0	94	0.42	1.58	378.0
	95	0.41	1.54	378.0	96	0.41	1.54	378.0	97	0.40	1.52	378.0
	98	0.40	1.51	378.0	99	0.40	1.52	378.0	100	0.42	1.58	378.0
	101	0.45	1.71	378.0	102	0.44	1.66	378.0	103	0.45	1.71	378.0
	104	0.47	1.77	378.0	105	0.43	1.63	378.0	106	0.43	1.63	378.0
	107	0.42	1.60	378.0	108	0.43	1.54	357.4	109	0.41	1.54	378.0
	110	0.30	0.06	20.6	111	0.40	1.45	368.1	112	0.39	1.44	368.1
	113	0.48	2.00	420.0	114	0.47	1.97	420.0	133	2.06	0.61	29.5
	134	1.95	0.58	29.5	135	1.77	0.52	29.5	136	1.65	0.49	29.5
	137	1.45	0.43	29.5	138	1.26	0.37	29.5	139	1.09	0.32	29.5
	140	0.92	0.27	29.5	142	0.39	1.42	368.1	143	0.47	1.97	420.0
	147	0.40	1.50	377.0	148	0.37	1.39	377.0	149	0.37	1.40	377.0
	150	0.39	1.47	377.0	151	0.42	1.59	377.0	152	0.47	1.76	377.0
	153	0.49	1.86	377.0	154	0.52	1.95	377.0	155	0.53	1.99	377.0
	156	0.45	1.70	377.0	157	0.49	1.83	377.0	158	0.45	1.68	377.0
	159	0.42	0.04	8.9	160	0.40	1.51	377.0	167	0.71	0.21	29.5
	168	0.57	0.17	29.5	169	0.47	0.14	29.5	170	0.31	0.09	29.5
	171	0.23	0.07	29.5	172	0.29	0.08	29.5	173	0.42	0.12	29.5
	174	0.57	0.17	29.5	175	0.76	0.22	29.5	176	0.31	0.06	20.6
	177	0.32	0.07	20.6	178	0.33	0.07	20.6	179	0.34	0.07	20.6
	180	0.35	0.07	20.6	181	0.36	0.07	20.6	182	3.06	0.63	20.6
	183	2.96	0.61	20.6	184	2.88	0.59	20.6	185	2.81	0.58	20.6
	186	2.75	0.57	20.6	187	2.39	0.49	20.6	188	2.14	0.44	20.6
	191	0.49	0.15	29.5	192	0.41	0.12	29.5	195	0.38	0.08	20.6
	196	0.39	0.08	20.6	199	0.60	0.18	29.5	200	0.48	0.14	29.5
	201	0.40	1.68	420.0	202	0.44	1.66	378.0	203	0.44	1.67	377.0
	204	0.33	1.39	420.0	205	0.34	1.28	378.0	206	0.54	2.04	377.0
	207	0.27	1.15	420.0	208	0.31	1.18	378.0	209	0.64	2.40	377.0
	210	0.26	1.10	420.0	211	0.22	0.82	378.0	212	0.75	2.81	377.0
	213	0.29	1.21	420.0	214	0.24	0.91	378.0	215	0.69	2.61	377.0
	227	1.17	0.35	29.5	228	1.16	0.34	29.5	229	1.16	0.34	29.5
	230	1.16	0.34	29.5	231	1.16	0.34	29.5	232	1.11	0.33	29.5
	233	1.05	0.31	29.5	234	1.00	0.30	29.5	235	0.95	0.28	29.5
	236	0.91	0.27	29.5	237	0.86	0.25	29.5	238	0.82	0.24	29.5
	239	0.78	0.23	29.5	240	0.74	0.22	29.5	241	0.50	1.22	241.0
	242	0.43	0.14	33.4	243	0.43	0.20	46.9	244	0.43	0.20	46.9
	245	0.40	0.08	20.6								
210	4	0.14	0.54	378.0	6	0.12	0.46	377.0	7	0.19	0.80	420.0
	8	0.14	0.61	420.0	9	0.03	0.14	420.0	10	0.08	0.35	420.0
	11	0.16	0.69	420.0	12	0.24	1.02	420.0	13	0.27	1.13	420.0
	14	0.07	0.30	420.0	15	0.01	0.04	420.0	16	0.04	0.18	420.0
	17	9.80e-03	0.04	420.0	18	0.07	0.29	420.0	19	0.17	0.71	420.0
	20	0.23	0.95	420.0	21	0.28	1.18	420.0	22	0.33	1.37	420.0
	23	0.21	0.90	420.0	24	0.29	1.23	420.0	25	0.31	1.32	420.0
	27	0.09	0.35	390.5	28	0.32	1.34	420.0	29	0.15	0.64	420.0
	30	0.16	0.66	420.0	31	0.20	0.85	420.0	33	0.02	0.08	386.9
	34	0.20	0.78	386.9	35	0.11	0.46	420.0	36	0.06	0.27	420.0
	45	1.65	0.34	20.6	46	1.65	0.34	20.6	47	1.40	0.29	20.6
	48	1.15	0.24	20.6	49	0.90	0.19	20.6	50	0.65	0.13	20.6
	51	0.41	0.08	20.6	52	0.20	0.04	20.6	82	2.71	0.80	29.5
	83	2.54	0.75	29.5	84	2.37	0.70	29.5	85	2.20	0.65	29.5
	86	2.02	0.60	29.5	87	1.85	0.55	29.5	88	1.68	0.50	29.5
	89	2.88	0.85	29.5	90	0.04	0.17	378.0	91	0.13	0.50	378.0
	92	0.13	0.48	378.0	93	0.10	0.38	378.0	94	0.04	0.14	378.0
	95	0.03	0.11	378.0	96	0.04	0.13	378.0	97	0.04	0.14	378.0
	98	0.08	0.29	378.0	99	0.08	0.29	378.0	100	0.05	0.17	378.0
	101	0.05	0.20	378.0	102	0.11	0.41	378.0	103	0.13	0.48	378.0
	104	0.14	0.52	378.0	105	0.11	0.41	378.0	106	0.13	0.49	378.0
	107	0.11	0.43	378.0	108	0.11	0.41	357.4	109	0.08	0.30	378.0
	110	0.11	0.02	20.6	111	0.23	0.84	368.1	112	0.31	1.15	368.1
	113	0.08	0.33	420.0	114	0.07	0.28	420.0	133	1.51	0.45	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	134	1.37	0.40	29.5	135	1.17	0.35	29.5	136	1.07	0.31	29.5
	137	0.88	0.26	29.5	138	0.70	0.21	29.5	139	0.53	0.16	29.5
	140	0.36	0.11	29.5	142	0.29	1.05	368.1	143	0.06	0.27	420.0
	147	0.08	0.29	377.0	148	0.08	0.29	377.0	149	0.10	0.36	377.0
	150	0.09	0.36	377.0	151	0.08	0.29	377.0	152	0.08	0.29	377.0
	153	0.08	0.30	377.0	154	0.08	0.30	377.0	155	0.08	0.31	377.0
	156	0.09	0.33	377.0	157	0.10	0.38	377.0	158	0.07	0.28	377.0
	159	0.19	0.02	8.9	160	0.09	0.35	377.0	167	1.71	0.50	29.5
	168	1.56	0.46	29.5	169	1.45	0.43	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.87	0.26	29.5	173	0.69	0.20	29.5
	174	0.50	0.15	29.5	175	0.19	0.06	29.5	176	0.11	0.02	20.6
	177	0.10	0.02	20.6	178	0.10	0.02	20.6	179	0.10	0.02	20.6
	180	0.10	0.02	20.6	181	0.09	0.02	20.6	182	0.40	0.08	20.6
	183	0.51	0.11	20.6	184	0.60	0.12	20.6	185	0.68	0.14	20.6
	186	0.76	0.16	20.6	187	1.14	0.23	20.6	188	1.40	0.29	20.6
	191	0.32	0.09	29.5	192	0.13	0.04	29.5	195	0.09	0.02	20.6
	196	0.09	0.02	20.6	199	0.03	8.15e-03	29.5	200	0.13	0.04	29.5
	201	0.07	0.31	420.0	202	0.08	0.32	378.0	203	0.09	0.33	377.0
	204	0.22	0.91	420.0	205	0.32	1.20	378.0	206	0.24	0.92	377.0
	207	0.32	1.36	420.0	208	0.36	1.38	378.0	209	0.27	1.02	377.0
	210	0.38	1.61	420.0	211	0.51	1.92	378.0	212	0.52	1.95	377.0
	213	0.34	1.43	420.0	214	0.48	1.82	378.0	215	0.49	1.85	377.0
	227	2.11	0.62	29.5	228	2.11	0.62	29.5	229	2.12	0.63	29.5
	230	2.13	0.63	29.5	231	2.14	0.63	29.5	232	2.09	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.95	0.57	29.5
	236	1.90	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.77	0.52	29.5	240	1.74	0.51	29.5	241	0.21	0.51	241.0
	242	0.04	0.01	33.4	243	0.17	0.08	46.9	244	0.20	0.10	46.9
	245	0.12	0.02	20.6								
211	4	0.58	2.20	378.0	6	0.61	2.32	377.0	7	0.53	2.21	420.0
	8	0.21	0.90	420.0	9	0.35	1.47	420.0	10	0.42	1.78	420.0
	11	0.50	2.11	420.0	12	0.56	2.37	420.0	13	0.60	2.53	420.0
	14	0.41	1.73	420.0	15	0.35	1.48	420.0	16	0.30	1.27	420.0
	17	0.35	1.47	420.0	18	0.40	1.70	420.0	19	0.48	2.03	420.0
	20	0.54	2.27	420.0	21	0.61	2.56	420.0	22	0.66	2.79	420.0
	23	0.54	2.27	420.0	24	0.63	2.64	420.0	25	0.65	2.75	420.0
	27	0.19	0.75	390.5	28	0.66	2.77	420.0	29	0.47	1.98	420.0
	30	0.47	1.99	420.0	31	0.54	2.26	420.0	33	0.44	1.68	386.9
	34	0.32	1.25	386.9	35	0.22	0.92	420.0	36	0.27	1.14	420.0
	45	1.94	0.40	20.6	46	1.71	0.35	20.6	47	1.46	0.30	20.6
	48	1.22	0.25	20.6	49	0.99	0.20	20.6	50	0.76	0.16	20.6
	51	0.54	0.11	20.6	52	0.38	0.08	20.6	82	0.28	0.08	29.5
	83	0.38	0.11	29.5	84	0.52	0.15	29.5	85	0.68	0.20	29.5
	86	0.86	0.25	29.5	87	1.03	0.31	29.5	88	1.21	0.36	29.5
	89	0.28	0.08	29.5	90	0.46	1.73	378.0	91	0.59	2.24	378.0
	92	0.58	2.19	378.0	93	0.53	1.99	378.0	94	0.43	1.62	378.0
	95	0.39	1.48	378.0	96	0.39	1.47	378.0	97	0.36	1.34	378.0
	98	0.35	1.33	378.0	99	0.38	1.42	378.0	100	0.42	1.61	378.0
	101	0.45	1.70	378.0	102	0.52	1.96	378.0	103	0.56	2.11	378.0
	104	0.59	2.24	378.0	105	0.48	1.83	378.0	106	0.51	1.92	378.0
	107	0.47	1.77	378.0	108	0.48	1.71	357.4	109	0.39	1.48	378.0
	110	0.33	0.07	20.6	111	0.43	1.58	368.1	112	0.53	1.96	368.1
	113	0.28	1.18	420.0	114	0.28	1.19	420.0	133	1.40	0.41	29.5
	134	1.55	0.46	29.5	135	1.72	0.51	29.5	136	1.67	0.49	29.5
	137	1.47	0.44	29.5	138	1.29	0.38	29.5	139	1.12	0.33	29.5
	140	0.95	0.28	29.5	142	0.54	2.00	368.1	143	0.28	1.19	420.0
	147	0.39	1.47	377.0	148	0.35	1.31	377.0	149	0.35	1.30	377.0
	150	0.38	1.41	377.0	151	0.43	1.61	377.0	152	0.47	1.78	377.0
	153	0.56	2.10	377.0	154	0.61	2.29	377.0	155	0.64	2.39	377.0
	156	0.49	1.86	377.0	157	0.55	2.07	377.0	158	0.48	1.80	377.0
	159	0.42	0.04	8.9	160	0.39	1.48	377.0	167	1.69	0.50	29.5
	168	1.54	0.46	29.5	169	1.43	0.42	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.89	0.26	29.5	173	0.73	0.21	29.5
	174	0.58	0.17	29.5	175	0.78	0.23	29.5	176	0.33	0.07	20.6
	177	0.34	0.07	20.6	178	0.35	0.07	20.6	179	0.35	0.07	20.6
	180	0.36	0.07	20.6	181	0.37	0.08	20.6	182	3.09	0.64	20.6
	183	2.99	0.62	20.6	184	2.91	0.60	20.6	185	2.84	0.59	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.19	0.45	20.6
	191	0.45	0.13	29.5	192	0.38	0.11	29.5	195	0.38	0.08	20.6
	196	0.39	0.08	20.6	199	0.63	0.18	29.5	200	0.49	0.14	29.5
	201	0.39	1.64	420.0	202	0.43	1.62	378.0	203	0.44	1.66	377.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	204	0.53	2.23	420.0	205	0.41	1.55	378.0	206	0.56	2.13	377.0
	207	0.63	2.66	420.0	208	0.43	1.61	378.0	209	0.70	2.63	377.0
	210	0.58	2.44	420.0	211	0.32	1.22	378.0	212	0.77	2.90	377.0
	213	0.56	2.34	420.0	214	0.33	1.26	378.0	215	0.70	2.66	377.0
	227	2.09	0.62	29.5	228	2.09	0.62	29.5	229	2.09	0.62	29.5
	230	2.10	0.62	29.5	231	2.11	0.62	29.5	232	2.06	0.61	29.5
	233	2.01	0.59	29.5	234	1.97	0.58	29.5	235	1.92	0.57	29.5
	236	1.87	0.55	29.5	237	1.83	0.54	29.5	238	1.79	0.53	29.5
	239	1.75	0.52	29.5	240	1.71	0.51	29.5	241	0.55	1.33	241.0
	242	0.45	0.15	33.4	243	0.44	0.21	46.9	244	0.44	0.20	46.9
	245	0.41	0.08	20.6								
212	4	0.15	0.55	378.0	6	0.18	0.69	377.0	7	0.10	0.41	420.0
	8	0.24	1.00	420.0	9	0.16	0.67	420.0	10	0.12	0.52	420.0
	11	0.10	0.41	420.0	12	0.09	0.36	420.0	13	0.10	0.42	420.0
	14	0.13	0.57	420.0	15	0.15	0.65	420.0	16	0.18	0.76	420.0
	17	0.15	0.64	420.0	18	0.14	0.58	420.0	19	0.13	0.54	420.0
	20	0.13	0.54	420.0	21	0.11	0.45	420.0	22	0.13	0.53	420.0
	23	0.10	0.41	420.0	24	0.11	0.46	420.0	25	0.12	0.49	420.0
	27	0.19	0.74	390.5	28	0.15	0.62	420.0	29	0.13	0.54	420.0
	30	0.13	0.55	420.0	31	0.10	0.41	420.0	33	0.27	1.03	386.9
	34	0.26	1.00	386.9	35	0.23	0.95	420.0	36	0.20	0.83	420.0
	45	1.94	0.40	20.6	46	1.70	0.35	20.6	47	1.46	0.30	20.6
	48	1.21	0.25	20.6	49	0.97	0.20	20.6	50	0.72	0.15	20.6
	51	0.48	0.10	20.6	52	0.27	0.06	20.6	82	3.14	0.93	29.5
	83	2.98	0.88	29.5	84	2.81	0.83	29.5	85	2.64	0.78	29.5
	86	2.48	0.73	29.5	87	2.31	0.68	29.5	88	2.14	0.63	29.5
	89	3.31	0.98	29.5	90	0.14	0.52	378.0	91	0.13	0.51	378.0
	92	0.13	0.51	378.0	93	0.13	0.50	378.0	94	0.13	0.51	378.0
	95	0.14	0.52	378.0	96	0.14	0.51	378.0	97	0.14	0.53	378.0
	98	0.16	0.59	378.0	99	0.15	0.58	378.0	100	0.13	0.50	378.0
	101	0.14	0.53	378.0	102	0.13	0.49	378.0	103	0.13	0.49	378.0
	104	0.13	0.48	378.0	105	0.15	0.57	378.0	106	0.15	0.58	378.0
	107	0.14	0.55	378.0	108	0.15	0.55	357.4	109	0.15	0.58	378.0
	110	0.17	0.03	20.6	111	0.29	1.05	368.1	112	0.47	1.73	368.1
	113	0.20	0.83	420.0	114	0.19	0.80	420.0	133	1.98	0.58	29.5
	134	1.83	0.54	29.5	135	1.64	0.48	29.5	136	1.53	0.45	29.5
	137	1.35	0.40	29.5	138	1.17	0.35	29.5	139	1.00	0.30	29.5
	140	0.83	0.25	29.5	142	0.49	1.81	368.1	143	0.19	0.80	420.0
	147	0.16	0.59	377.0	148	0.16	0.62	377.0	149	0.17	0.63	377.0
	150	0.16	0.61	377.0	151	0.15	0.57	377.0	152	0.15	0.56	377.0
	153	0.16	0.59	377.0	154	0.16	0.62	377.0	155	0.17	0.63	377.0
	156	0.15	0.55	377.0	157	0.17	0.63	377.0	158	0.13	0.48	377.0
	159	0.16	0.01	8.9	160	0.16	0.59	377.0	167	1.63	0.48	29.5
	168	1.49	0.44	29.5	169	1.37	0.40	29.5	170	1.18	0.35	29.5
	171	0.99	0.29	29.5	172	0.81	0.24	29.5	173	0.63	0.18	29.5
	174	0.44	0.13	29.5	175	0.66	0.20	29.5	176	0.17	0.03	20.6
	177	0.16	0.03	20.6	178	0.16	0.03	20.6	179	0.16	0.03	20.6
	180	0.16	0.03	20.6	181	0.16	0.03	20.6	182	3.09	0.64	20.6
	183	2.99	0.62	20.6	184	2.91	0.60	20.6	185	2.84	0.59	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.18	0.45	20.6
	191	0.26	0.08	29.5	192	0.08	0.02	29.5	195	0.16	0.03	20.6
	196	0.16	0.03	20.6	199	0.49	0.15	29.5	200	0.33	0.10	29.5
	201	0.15	0.65	420.0	202	0.16	0.59	378.0	203	0.15	0.56	377.0
	204	0.12	0.51	420.0	205	0.28	1.07	378.0	206	0.28	1.05	377.0
	207	0.10	0.43	420.0	208	0.30	1.12	378.0	209	0.34	1.28	377.0
	210	0.12	0.52	420.0	211	0.43	1.63	378.0	212	0.55	2.06	377.0
	213	0.13	0.56	420.0	214	0.42	1.58	378.0	215	0.51	1.92	377.0
	227	2.03	0.60	29.5	228	2.03	0.60	29.5	229	2.04	0.60	29.5
	230	2.05	0.60	29.5	231	2.06	0.61	29.5	232	2.01	0.59	29.5
	233	1.96	0.58	29.5	234	1.91	0.56	29.5	235	1.87	0.55	29.5
	236	1.82	0.54	29.5	237	1.78	0.52	29.5	238	1.74	0.51	29.5
	239	1.70	0.50	29.5	240	1.66	0.49	29.5	241	0.28	0.66	241.0
	242	0.01	4.28e-03	33.4	243	0.14	0.07	46.9	244	0.18	0.09	46.9
	245	0.10	0.02	20.6								
213	4	0.46	1.74	378.0	6	0.49	1.86	377.0	7	0.37	1.56	420.0
	8	0.38	1.61	420.0	9	0.38	1.62	420.0	10	0.40	1.66	420.0
	11	0.37	1.57	420.0	12	0.37	1.54	420.0	13	0.37	1.57	420.0
	14	0.40	1.70	420.0	15	0.38	1.62	420.0	16	0.38	1.61	420.0
	17	0.38	1.61	420.0	18	0.33	1.37	420.0	19	0.37	1.56	420.0
	20	0.37	1.57	420.0	21	0.37	1.57	420.0	22	0.38	1.59	420.0
	23	0.37	1.56	420.0	24	0.38	1.58	420.0	25	0.38	1.59	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	27	0.36	1.41	390.5	28	0.39	1.62	420.0	29	0.37	1.57	420.0
	30	0.37	1.57	420.0	31	0.37	1.56	420.0	33	0.47	1.83	386.9
	34	0.41	1.59	386.9	35	0.38	1.61	420.0	36	0.38	1.61	420.0
	45	1.90	0.39	20.6	46	1.66	0.34	20.6	47	1.41	0.29	20.6
	48	1.16	0.24	20.6	49	0.92	0.19	20.6	50	0.69	0.14	20.6
	51	0.47	0.10	20.6	52	0.33	0.07	20.6	82	3.14	0.93	29.5
	83	2.97	0.88	29.5	84	2.81	0.83	29.5	85	2.64	0.78	29.5
	86	2.49	0.73	29.5	87	2.33	0.69	29.5	88	2.19	0.65	29.5
	89	3.31	0.98	29.5	90	0.45	1.70	378.0	91	0.46	1.72	378.0
	92	0.45	1.71	378.0	93	0.43	1.63	378.0	94	0.42	1.59	378.0
	95	0.41	1.54	378.0	96	0.41	1.54	378.0	97	0.40	1.52	378.0
	98	0.40	1.51	378.0	99	0.40	1.53	378.0	100	0.42	1.59	378.0
	101	0.42	1.58	378.0	102	0.43	1.63	378.0	103	0.45	1.69	378.0
	104	0.46	1.74	378.0	105	0.42	1.60	378.0	106	0.42	1.61	378.0
	107	0.42	1.57	378.0	108	0.42	1.51	357.4	109	0.41	1.54	378.0
	110	0.30	0.06	20.6	111	0.40	1.46	368.1	112	0.38	1.41	368.1
	113	0.38	1.61	420.0	114	0.38	1.60	420.0	133	2.06	0.61	29.5
	134	1.96	0.58	29.5	135	1.77	0.52	29.5	136	1.66	0.49	29.5
	137	1.46	0.43	29.5	138	1.27	0.37	29.5	139	1.09	0.32	29.5
	140	0.92	0.27	29.5	142	0.38	1.39	368.1	143	0.38	1.60	420.0
	147	0.40	1.51	377.0	148	0.37	1.40	377.0	149	0.37	1.39	377.0
	150	0.39	1.46	377.0	151	0.42	1.60	377.0	152	0.59	2.24	377.0
	153	0.49	1.83	377.0	154	0.51	1.92	377.0	155	0.52	1.95	377.0
	156	0.44	1.67	377.0	157	0.48	1.79	377.0	158	0.44	1.65	377.0
	159	0.41	0.04	8.9	160	0.40	1.50	377.0	167	1.12	0.33	29.5
	168	0.98	0.29	29.5	169	0.87	0.26	29.5	170	0.68	0.20	29.5
	171	0.51	0.15	29.5	172	0.38	0.11	29.5	173	0.30	0.09	29.5
	174	0.32	0.09	29.5	175	0.76	0.22	29.5	176	0.30	0.06	20.6
	177	0.31	0.06	20.6	178	0.32	0.07	20.6	179	0.33	0.07	20.6
	180	0.34	0.07	20.6	181	0.36	0.07	20.6	182	3.06	0.63	20.6
	183	2.96	0.61	20.6	184	2.88	0.59	20.6	185	2.81	0.58	20.6
	186	2.75	0.57	20.6	187	2.39	0.49	20.6	188	2.14	0.44	20.6
	191	0.41	0.12	29.5	192	0.41	0.12	29.5	195	0.37	0.08	20.6
	196	0.39	0.08	20.6	199	0.61	0.18	29.5	200	0.48	0.14	29.5
	201	0.40	1.69	420.0	202	0.44	1.66	378.0	203	0.44	1.67	377.0
	204	0.39	1.63	420.0	205	0.33	1.24	378.0	206	0.54	2.02	377.0
	207	0.39	1.64	420.0	208	0.30	1.14	378.0	209	0.63	2.37	377.0
	210	0.36	1.50	420.0	211	0.21	0.78	378.0	212	0.74	2.80	377.0
	213	0.36	1.53	420.0	214	0.23	0.86	378.0	215	0.69	2.60	377.0
	227	1.58	0.47	29.5	228	1.58	0.46	29.5	229	1.57	0.46	29.5
	230	1.58	0.46	29.5	231	1.58	0.47	29.5	232	1.52	0.45	29.5
	233	1.47	0.43	29.5	234	1.42	0.42	29.5	235	1.37	0.40	29.5
	236	1.32	0.39	29.5	237	1.27	0.38	29.5	238	1.23	0.36	29.5
	239	1.19	0.35	29.5	240	1.15	0.34	29.5	241	0.49	1.17	241.0
	242	0.42	0.14	33.4	243	0.42	0.20	46.9	244	0.42	0.20	46.9
	245	0.39	0.08	20.6								
214	4	0.16	0.59	378.0	6	0.13	0.48	377.0	7	0.14	0.58	420.0
	8	0.01	0.05	420.0	9	0.06	0.23	420.0	10	0.08	0.35	420.0
	11	0.14	0.57	420.0	12	0.18	0.76	420.0	13	0.18	0.74	420.0
	14	0.07	0.29	420.0	15	0.05	0.21	420.0	16	0.04	0.17	420.0
	17	0.05	0.21	420.0	18	0.15	0.63	420.0	19	0.13	0.53	420.0
	20	0.15	0.63	420.0	21	0.17	0.73	420.0	22	0.19	0.79	420.0
	23	0.15	0.61	420.0	24	0.18	0.76	420.0	25	0.19	0.80	420.0
	27	0.07	0.29	390.5	28	0.18	0.76	420.0	29	0.12	0.48	420.0
	30	0.12	0.49	420.0	31	0.14	0.60	420.0	33	5.39e-03	0.02	386.9
	34	0.20	0.79	386.9	35	0.02	0.07	420.0	36	0.03	0.13	420.0
	45	1.90	0.39	20.6	46	1.65	0.34	20.6	47	1.40	0.29	20.6
	48	1.15	0.24	20.6	49	0.90	0.19	20.6	50	0.65	0.13	20.6
	51	0.41	0.08	20.6	52	0.20	0.04	20.6	82	2.42	0.71	29.5
	83	2.25	0.66	29.5	84	2.08	0.61	29.5	85	1.91	0.56	29.5
	86	1.73	0.51	29.5	87	1.56	0.46	29.5	88	1.39	0.41	29.5
	89	2.60	0.77	29.5	90	0.04	0.17	378.0	91	0.14	0.53	378.0
	92	0.13	0.50	378.0	93	0.11	0.40	378.0	94	0.04	0.15	378.0
	95	0.03	0.13	378.0	96	0.04	0.15	378.0	97	0.04	0.16	378.0
	98	0.08	0.30	378.0	99	0.08	0.30	378.0	100	0.05	0.18	378.0
	101	0.09	0.32	378.0	102	0.12	0.44	378.0	103	0.14	0.51	378.0
	104	0.15	0.56	378.0	105	0.12	0.45	378.0	106	0.14	0.53	378.0
	107	0.12	0.46	378.0	108	0.12	0.44	357.4	109	0.08	0.31	378.0
	110	0.11	0.02	20.6	111	0.23	0.85	368.1	112	0.34	1.27	368.1
	113	0.02	0.09	420.0	114	0.02	0.09	420.0	133	1.23	0.36	29.5
	134	1.09	0.32	29.5	135	0.89	0.26	29.5	136	0.78	0.23	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	137	0.60	0.18	29.5	138	0.42	0.12	29.5	139	0.25	0.07	29.5
	140	0.09	0.03	29.5	142	0.32	1.17	368.1	143	0.02	0.10	420.0
	147	0.05	0.19	377.0	148	0.05	0.20	377.0	149	0.10	0.37	377.0
	150	0.10	0.37	377.0	151	0.05	0.19	377.0	152	0.14	0.54	377.0
	153	0.05	0.19	377.0	154	0.05	0.19	377.0	155	0.06	0.22	377.0
	156	0.09	0.35	377.0	157	0.10	0.39	377.0	158	0.08	0.30	377.0
	159	0.18	0.02	8.9	160	0.10	0.36	377.0	167	1.71	0.50	29.5
	168	1.56	0.46	29.5	169	1.45	0.43	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.87	0.26	29.5	173	0.69	0.20	29.5
	174	0.50	0.15	29.5	175	0.10	0.03	29.5	176	0.10	0.02	20.6
	177	0.10	0.02	20.6	178	0.10	0.02	20.6	179	0.10	0.02	20.6
	180	0.10	0.02	20.6	181	0.09	0.02	20.6	182	0.90	0.19	20.6
	183	1.02	0.21	20.6	184	1.10	0.23	20.6	185	1.18	0.24	20.6
	186	1.26	0.26	20.6	187	1.64	0.34	20.6	188	1.90	0.39	20.6
	191	0.31	0.09	29.5	192	0.13	0.04	29.5	195	0.09	0.02	20.6
	196	0.09	0.02	20.6	199	0.26	0.08	29.5	200	0.27	0.08	29.5
	201	0.07	0.27	420.0	202	0.09	0.33	378.0	203	0.09	0.35	377.0
	204	0.16	0.67	420.0	205	0.33	1.24	378.0	206	0.24	0.90	377.0
	207	0.21	0.88	420.0	208	0.38	1.44	378.0	209	0.26	0.99	377.0
	210	0.29	1.21	420.0	211	0.52	1.97	378.0	212	0.51	1.94	377.0
	213	0.26	1.10	420.0	214	0.49	1.87	378.0	215	0.49	1.84	377.0
	227	2.11	0.62	29.5	228	2.12	0.62	29.5	229	2.12	0.63	29.5
	230	2.13	0.63	29.5	231	2.14	0.63	29.5	232	2.09	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.95	0.57	29.5
	236	1.90	0.56	29.5	237	1.86	0.55	29.5	238	1.81	0.54	29.5
	239	1.77	0.52	29.5	240	1.74	0.51	29.5	241	0.22	0.53	241.0
	242	0.04	0.01	33.4	243	0.17	0.08	46.9	244	0.20	0.10	46.9
	245	0.12	0.02	20.6								
215	4	0.59	2.22	378.0	6	0.62	2.32	377.0	7	0.47	1.98	420.0
	8	0.32	1.34	420.0	9	0.39	1.64	420.0	10	0.42	1.75	420.0
	11	0.47	1.98	420.0	12	0.50	2.09	420.0	13	0.51	2.13	420.0
	14	0.40	1.70	420.0	15	0.38	1.62	420.0	16	0.35	1.48	420.0
	17	0.38	1.60	420.0	18	0.47	1.98	420.0	19	0.43	1.83	420.0
	20	0.46	1.93	420.0	21	0.50	2.10	420.0	22	0.52	2.20	420.0
	23	0.47	1.97	420.0	24	0.52	2.17	420.0	25	0.53	2.22	420.0
	27	0.28	1.11	390.5	28	0.52	2.17	420.0	29	0.43	1.80	420.0
	30	0.43	1.81	420.0	31	0.47	1.99	420.0	33	0.41	1.60	386.9
	34	0.32	1.25	386.9	35	0.32	1.33	420.0	36	0.34	1.43	420.0
	45	1.94	0.40	20.6	46	1.71	0.35	20.6	47	1.46	0.30	20.6
	48	1.22	0.25	20.6	49	0.98	0.20	20.6	50	0.75	0.16	20.6
	51	0.53	0.11	20.6	52	0.38	0.08	20.6	82	0.41	0.12	29.5
	83	0.36	0.11	29.5	84	0.39	0.11	29.5	85	0.49	0.14	29.5
	86	0.63	0.19	29.5	87	0.79	0.23	29.5	88	0.96	0.28	29.5
	89	0.52	0.15	29.5	90	0.45	1.70	378.0	91	0.60	2.26	378.0
	92	0.58	2.20	378.0	93	0.53	1.99	378.0	94	0.42	1.59	378.0
	95	0.38	1.45	378.0	96	0.38	1.44	378.0	97	0.34	1.30	378.0
	98	0.34	1.29	378.0	99	0.37	1.38	378.0	100	0.42	1.57	378.0
	101	0.48	1.80	378.0	102	0.52	1.97	378.0	103	0.56	2.12	378.0
	104	0.60	2.25	378.0	105	0.48	1.83	378.0	106	0.51	1.92	378.0
	107	0.47	1.78	378.0	108	0.48	1.72	357.4	109	0.38	1.44	378.0
	110	0.32	0.07	20.6	111	0.42	1.54	368.1	112	0.53	1.94	368.1
	113	0.35	1.49	420.0	114	0.35	1.48	420.0	133	1.14	0.34	29.5
	134	1.29	0.38	29.5	135	1.45	0.43	29.5	136	1.52	0.45	29.5
	137	1.47	0.43	29.5	138	1.28	0.38	29.5	139	1.11	0.33	29.5
	140	0.94	0.28	29.5	142	0.54	1.97	368.1	143	0.35	1.48	420.0
	147	0.38	1.44	377.0	148	0.34	1.27	377.0	149	0.34	1.27	377.0
	150	0.37	1.38	377.0	151	0.42	1.58	377.0	152	0.35	1.31	377.0
	153	0.56	2.10	377.0	154	0.61	2.29	377.0	155	0.64	2.40	377.0
	156	0.49	1.86	377.0	157	0.55	2.07	377.0	158	0.48	1.80	377.0
	159	0.42	0.04	8.9	160	0.38	1.44	377.0	167	1.69	0.50	29.5
	168	1.55	0.46	29.5	169	1.44	0.42	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.89	0.26	29.5	173	0.73	0.22	29.5
	174	0.58	0.17	29.5	175	0.77	0.23	29.5	176	0.33	0.07	20.6
	177	0.33	0.07	20.6	178	0.34	0.07	20.6	179	0.35	0.07	20.6
	180	0.35	0.07	20.6	181	0.36	0.07	20.6	182	3.09	0.64	20.6
	183	2.99	0.62	20.6	184	2.92	0.60	20.6	185	2.85	0.59	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.19	0.45	20.6
	191	0.45	0.13	29.5	192	0.37	0.11	29.5	195	0.37	0.08	20.6
	196	0.38	0.08	20.6	199	0.62	0.18	29.5	200	0.48	0.14	29.5
	201	0.38	1.60	420.0	202	0.42	1.59	378.0	203	0.43	1.63	377.0
	204	0.47	1.97	420.0	205	0.41	1.55	378.0	206	0.56	2.13	377.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	207	0.51	2.15	420.0	208	0.43	1.62	378.0	209	0.70	2.63	377.0
	210	0.48	2.02	420.0	211	0.32	1.23	378.0	212	0.77	2.90	377.0
	213	0.48	2.00	420.0	214	0.33	1.26	378.0	215	0.71	2.66	377.0
	227	2.09	0.62	29.5	228	2.09	0.62	29.5	229	2.10	0.62	29.5
	230	2.11	0.62	29.5	231	2.12	0.62	29.5	232	2.07	0.61	29.5
	233	2.02	0.60	29.5	234	1.97	0.58	29.5	235	1.92	0.57	29.5
	236	1.88	0.55	29.5	237	1.83	0.54	29.5	238	1.79	0.53	29.5
	239	1.75	0.52	29.5	240	1.72	0.51	29.5	241	0.55	1.33	241.0
	242	0.45	0.15	33.4	243	0.44	0.21	46.9	244	0.44	0.20	46.9
	245	0.41	0.08	20.6								
216	4	0.14	0.54	378.0	6	0.18	0.68	377.0	7	0.12	0.50	420.0
	8	0.13	0.54	420.0	9	0.13	0.53	420.0	10	0.13	0.55	420.0
	11	0.12	0.49	420.0	12	0.12	0.50	420.0	13	0.12	0.51	420.0
	14	0.14	0.59	420.0	15	0.13	0.53	420.0	16	0.14	0.60	420.0
	17	0.13	0.53	420.0	18	0.10	0.42	420.0	19	0.14	0.60	420.0
	20	0.14	0.61	420.0	21	0.12	0.49	420.0	22	0.11	0.47	420.0
	23	0.12	0.50	420.0	24	0.12	0.50	420.0	25	0.12	0.50	420.0
	27	0.10	0.39	390.5	28	0.13	0.54	420.0	29	0.14	0.59	420.0
	30	0.14	0.59	420.0	31	0.12	0.50	420.0	33	0.27	1.03	386.9
	34	0.24	0.93	386.9	35	0.15	0.61	420.0	36	0.14	0.61	420.0
	45	1.94	0.40	20.6	46	1.70	0.35	20.6	47	1.45	0.30	20.6
	48	1.21	0.25	20.6	49	0.96	0.20	20.6	50	0.72	0.15	20.6
	51	0.47	0.10	20.6	52	0.27	0.06	20.6	82	3.15	0.93	29.5
	83	2.98	0.88	29.5	84	2.82	0.83	29.5	85	2.65	0.78	29.5
	86	2.48	0.73	29.5	87	2.31	0.68	29.5	88	2.14	0.63	29.5
	89	3.32	0.98	29.5	90	0.14	0.53	378.0	91	0.13	0.50	378.0
	92	0.13	0.50	378.0	93	0.13	0.49	378.0	94	0.14	0.52	378.0
	95	0.14	0.53	378.0	96	0.14	0.52	378.0	97	0.14	0.55	378.0
	98	0.16	0.59	378.0	99	0.15	0.59	378.0	100	0.13	0.51	378.0
	101	0.13	0.48	378.0	102	0.13	0.48	378.0	103	0.13	0.47	378.0
	104	0.12	0.47	378.0	105	0.15	0.56	378.0	106	0.15	0.57	378.0
	107	0.14	0.53	378.0	108	0.15	0.53	357.4	109	0.15	0.58	378.0
	110	0.16	0.03	20.6	111	0.29	1.05	368.1	112	0.47	1.73	368.1
	113	0.13	0.54	420.0	114	0.13	0.53	420.0	133	1.97	0.58	29.5
	134	1.83	0.54	29.5	135	1.64	0.48	29.5	136	1.53	0.45	29.5
	137	1.35	0.40	29.5	138	1.17	0.34	29.5	139	1.00	0.30	29.5
	140	0.83	0.25	29.5	142	0.49	1.81	368.1	143	0.13	0.53	420.0
	147	0.16	0.59	377.0	148	0.17	0.63	377.0	149	0.17	0.63	377.0
	150	0.16	0.61	377.0	151	0.15	0.56	377.0	152	0.21	0.79	377.0
	153	0.15	0.58	377.0	154	0.16	0.61	377.0	155	0.17	0.62	377.0
	156	0.14	0.54	377.0	157	0.16	0.62	377.0	158	0.12	0.47	377.0
	159	0.17	0.01	8.9	160	0.16	0.59	377.0	167	1.63	0.48	29.5
	168	1.49	0.44	29.5	169	1.38	0.41	29.5	170	1.18	0.35	29.5
	171	0.99	0.29	29.5	172	0.81	0.24	29.5	173	0.63	0.19	29.5
	174	0.44	0.13	29.5	175	0.66	0.20	29.5	176	0.16	0.03	20.6
	177	0.16	0.03	20.6	178	0.16	0.03	20.6	179	0.16	0.03	20.6
	180	0.16	0.03	20.6	181	0.15	0.03	20.6	182	3.09	0.64	20.6
	183	2.99	0.62	20.6	184	2.91	0.60	20.6	185	2.84	0.59	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.18	0.45	20.6
	191	0.26	0.08	29.5	192	0.08	0.02	29.5	195	0.15	0.03	20.6
	196	0.15	0.03	20.6	199	0.49	0.15	29.5	200	0.33	0.10	29.5
	201	0.16	0.66	420.0	202	0.16	0.59	378.0	203	0.15	0.55	377.0
	204	0.14	0.60	420.0	205	0.28	1.06	378.0	206	0.28	1.05	377.0
	207	0.13	0.54	420.0	208	0.29	1.10	378.0	209	0.34	1.28	377.0
	210	0.19	0.82	420.0	211	0.43	1.62	378.0	212	0.55	2.06	377.0
	213	0.19	0.79	420.0	214	0.42	1.58	378.0	215	0.51	1.92	377.0
	227	2.03	0.60	29.5	228	2.04	0.60	29.5	229	2.04	0.60	29.5
	230	2.05	0.61	29.5	231	2.07	0.61	29.5	232	2.02	0.60	29.5
	233	1.97	0.58	29.5	234	1.92	0.57	29.5	235	1.87	0.55	29.5
	236	1.83	0.54	29.5	237	1.78	0.53	29.5	238	1.74	0.51	29.5
	239	1.70	0.50	29.5	240	1.66	0.49	29.5	241	0.27	0.66	241.0
	242	0.01	3.61e-03	33.4	243	0.14	0.07	46.9	244	0.18	0.09	46.9
	245	0.10	0.02	20.6								
217	4	0.46	1.74	378.0	6	0.50	1.88	377.0	7	0.38	1.58	420.0
	8	0.39	1.63	420.0	9	0.39	1.63	420.0	10	0.40	1.68	420.0
	11	0.38	1.58	420.0	12	0.37	1.55	420.0	13	0.38	1.58	420.0
	14	0.41	1.71	420.0	15	0.39	1.63	420.0	16	0.39	1.62	420.0
	17	0.39	1.63	420.0	18	0.33	1.39	420.0	19	0.38	1.58	420.0
	20	0.38	1.58	420.0	21	0.38	1.59	420.0	22	0.38	1.61	420.0
	23	0.37	1.57	420.0	24	0.38	1.59	420.0	25	0.38	1.60	420.0
	27	0.36	1.42	390.5	28	0.39	1.63	420.0	29	0.38	1.59	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	30	0.38	1.58	420.0	31	0.38	1.58	420.0	33	0.48	1.85	386.9
	34	0.41	1.61	386.9	35	0.39	1.62	420.0	36	0.39	1.62	420.0
	45	1.90	0.39	20.6	46	1.66	0.34	20.6	47	1.41	0.29	20.6
	48	1.16	0.24	20.6	49	0.92	0.19	20.6	50	0.69	0.14	20.6
	51	0.48	0.10	20.6	52	0.33	0.07	20.6	82	3.13	0.92	29.5
	83	2.97	0.87	29.5	84	2.80	0.83	29.5	85	2.64	0.78	29.5
	86	2.48	0.73	29.5	87	2.33	0.69	29.5	88	2.19	0.65	29.5
	89	3.30	0.97	29.5	90	0.45	1.71	378.0	91	0.46	1.73	378.0
	92	0.45	1.71	378.0	93	0.43	1.64	378.0	94	0.42	1.60	378.0
	95	0.41	1.56	378.0	96	0.41	1.56	378.0	97	0.41	1.54	378.0
	98	0.41	1.53	378.0	99	0.41	1.54	378.0	100	0.42	1.60	378.0
	101	0.42	1.59	378.0	102	0.43	1.64	378.0	103	0.45	1.69	378.0
	104	0.46	1.75	378.0	105	0.43	1.61	378.0	106	0.43	1.62	378.0
	107	0.42	1.59	378.0	108	0.43	1.52	357.4	109	0.41	1.56	378.0
	110	0.30	0.06	20.6	111	0.40	1.48	368.1	112	0.39	1.42	368.1
	113	0.39	1.62	420.0	114	0.39	1.62	420.0	133	2.06	0.61	29.5
	134	1.96	0.58	29.5	135	1.78	0.52	29.5	136	1.66	0.49	29.5
	137	1.46	0.43	29.5	138	1.27	0.37	29.5	139	1.10	0.32	29.5
	140	0.92	0.27	29.5	142	0.38	1.40	368.1	143	0.39	1.62	420.0
	147	0.40	1.52	377.0	148	0.37	1.41	377.0	149	0.37	1.41	377.0
	150	0.39	1.48	377.0	151	0.43	1.61	377.0	152	0.60	2.25	377.0
	153	0.49	1.84	377.0	154	0.51	1.93	377.0	155	0.52	1.97	377.0
	156	0.45	1.68	377.0	157	0.48	1.81	377.0	158	0.44	1.67	377.0
	159	0.41	0.04	8.9	160	0.40	1.52	377.0	167	1.13	0.33	29.5
	168	0.99	0.29	29.5	169	0.88	0.26	29.5	170	0.69	0.20	29.5
	171	0.52	0.15	29.5	172	0.39	0.11	29.5	173	0.31	0.09	29.5
	174	0.32	0.09	29.5	175	0.76	0.22	29.5	176	0.31	0.06	20.6
	177	0.32	0.07	20.6	178	0.33	0.07	20.6	179	0.34	0.07	20.6
	180	0.35	0.07	20.6	181	0.36	0.07	20.6	182	3.06	0.63	20.6
	183	2.96	0.61	20.6	184	2.88	0.59	20.6	185	2.81	0.58	20.6
	186	2.75	0.57	20.6	187	2.39	0.49	20.6	188	2.14	0.44	20.6
	191	0.41	0.12	29.5	192	0.42	0.12	29.5	195	0.38	0.08	20.6
	196	0.39	0.08	20.6	199	0.61	0.18	29.5	200	0.49	0.14	29.5
	201	0.41	1.70	420.0	202	0.44	1.68	378.0	203	0.45	1.68	377.0
	204	0.39	1.64	420.0	205	0.33	1.26	378.0	206	0.54	2.03	377.0
	207	0.39	1.65	420.0	208	0.30	1.15	378.0	209	0.63	2.38	377.0
	210	0.36	1.51	420.0	211	0.21	0.79	378.0	212	0.74	2.80	377.0
	213	0.37	1.54	420.0	214	0.23	0.88	378.0	215	0.69	2.60	377.0
	227	1.59	0.47	29.5	228	1.58	0.47	29.5	229	1.58	0.47	29.5
	230	1.58	0.47	29.5	231	1.59	0.47	29.5	232	1.53	0.45	29.5
	233	1.48	0.44	29.5	234	1.43	0.42	29.5	235	1.38	0.41	29.5
	236	1.33	0.39	29.5	237	1.28	0.38	29.5	238	1.24	0.37	29.5
	239	1.20	0.35	29.5	240	1.16	0.34	29.5	241	0.49	1.18	241.0
	242	0.42	0.14	33.4	243	0.43	0.20	46.9	244	0.43	0.20	46.9
	245	0.39	0.08	20.6								
218	4	0.15	0.58	378.0	6	0.13	0.48	377.0	7	0.14	0.57	420.0
	8	0.01	0.06	420.0	9	0.05	0.22	420.0	10	0.08	0.34	420.0
	11	0.13	0.56	420.0	12	0.18	0.75	420.0	13	0.17	0.73	420.0
	14	0.07	0.28	420.0	15	0.05	0.19	420.0	16	0.04	0.15	420.0
	17	0.05	0.20	420.0	18	0.15	0.61	420.0	19	0.12	0.51	420.0
	20	0.15	0.62	420.0	21	0.17	0.71	420.0	22	0.19	0.78	420.0
	23	0.14	0.60	420.0	24	0.18	0.74	420.0	25	0.19	0.78	420.0
	27	0.07	0.28	390.5	28	0.18	0.75	420.0	29	0.11	0.47	420.0
	30	0.11	0.48	420.0	31	0.14	0.58	420.0	33	9.76e-03	0.04	386.9
	34	0.20	0.79	386.9	35	0.01	0.06	420.0	36	0.03	0.11	420.0
	45	1.90	0.39	20.6	46	1.65	0.34	20.6	47	1.40	0.29	20.6
	48	1.15	0.24	20.6	49	0.90	0.19	20.6	50	0.66	0.14	20.6
	51	0.41	0.08	20.6	52	0.21	0.04	20.6	82	2.41	0.71	29.5
	83	2.24	0.66	29.5	84	2.08	0.61	29.5	85	1.90	0.56	29.5
	86	1.73	0.51	29.5	87	1.56	0.46	29.5	88	1.39	0.41	29.5
	89	2.59	0.76	29.5	90	0.04	0.15	378.0	91	0.14	0.53	378.0
	92	0.13	0.50	378.0	93	0.10	0.39	378.0	94	0.04	0.13	378.0
	95	0.03	0.12	378.0	96	0.04	0.14	378.0	97	0.04	0.16	378.0
	98	0.08	0.30	378.0	99	0.08	0.30	378.0	100	0.04	0.17	378.0
	101	0.08	0.31	378.0	102	0.11	0.43	378.0	103	0.13	0.51	378.0
	104	0.15	0.55	378.0	105	0.12	0.44	378.0	106	0.14	0.52	378.0
	107	0.12	0.45	378.0	108	0.12	0.43	357.4	109	0.08	0.30	378.0
	110	0.11	0.02	20.6	111	0.23	0.85	368.1	112	0.34	1.27	368.1
	113	0.02	0.08	420.0	114	0.02	0.07	420.0	133	1.22	0.36	29.5
	134	1.08	0.32	29.5	135	0.89	0.26	29.5	136	0.78	0.23	29.5
	137	0.59	0.18	29.5	138	0.41	0.12	29.5	139	0.25	0.07	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	140	0.09	0.03	29.5	142	0.32	1.17	368.1	143	0.02	0.09	420.0
	147	0.05	0.19	377.0	148	0.05	0.19	377.0	149	0.10	0.37	377.0
	150	0.10	0.37	377.0	151	0.05	0.19	377.0	152	0.15	0.55	377.0
	153	0.05	0.19	377.0	154	0.05	0.19	377.0	155	0.06	0.21	377.0
	156	0.09	0.35	377.0	157	0.10	0.39	377.0	158	0.08	0.29	377.0
	159	0.18	0.02	8.9	160	0.10	0.36	377.0	167	1.70	0.50	29.5
	168	1.56	0.46	29.5	169	1.44	0.43	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.87	0.26	29.5	173	0.69	0.20	29.5
	174	0.50	0.15	29.5	175	0.11	0.03	29.5	176	0.11	0.02	20.6
	177	0.10	0.02	20.6	178	0.10	0.02	20.6	179	0.10	0.02	20.6
	180	0.10	0.02	20.6	181	0.10	0.02	20.6	182	0.92	0.19	20.6
	183	1.03	0.21	20.6	184	1.12	0.23	20.6	185	1.20	0.25	20.6
	186	1.28	0.26	20.6	187	1.66	0.34	20.6	188	1.92	0.40	20.6
	191	0.31	0.09	29.5	192	0.13	0.04	29.5	195	0.09	0.02	20.6
	196	0.09	0.02	20.6	199	0.27	0.08	29.5	200	0.27	0.08	29.5
	201	0.06	0.26	420.0	202	0.09	0.32	378.0	203	0.09	0.35	377.0
	204	0.16	0.65	420.0	205	0.32	1.22	378.0	206	0.24	0.91	377.0
	207	0.21	0.87	420.0	208	0.38	1.42	378.0	209	0.27	1.00	377.0
	210	0.29	1.20	420.0	211	0.52	1.95	378.0	212	0.52	1.94	377.0
	213	0.26	1.09	420.0	214	0.49	1.85	378.0	215	0.49	1.84	377.0
	227	2.11	0.62	29.5	228	2.11	0.62	29.5	229	2.12	0.62	29.5
	230	2.13	0.63	29.5	231	2.14	0.63	29.5	232	2.09	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.94	0.57	29.5
	236	1.90	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.77	0.52	29.5	240	1.73	0.51	29.5	241	0.22	0.52	241.0
	242	0.04	0.01	33.4	243	0.17	0.08	46.9	244	0.20	0.10	46.9
	245	0.12	0.02	20.6								
219	4	0.59	2.23	378.0	6	0.62	2.33	377.0	7	0.47	1.99	420.0
	8	0.32	1.35	420.0	9	0.39	1.65	420.0	10	0.42	1.76	420.0
	11	0.47	1.99	420.0	12	0.50	2.10	420.0	13	0.51	2.15	420.0
	14	0.41	1.71	420.0	15	0.39	1.63	420.0	16	0.36	1.50	420.0
	17	0.38	1.61	420.0	18	0.48	2.00	420.0	19	0.44	1.84	420.0
	20	0.46	1.95	420.0	21	0.50	2.11	420.0	22	0.53	2.22	420.0
	23	0.47	1.98	420.0	24	0.52	2.18	420.0	25	0.53	2.23	420.0
	27	0.29	1.12	390.5	28	0.52	2.18	420.0	29	0.43	1.82	420.0
	30	0.43	1.82	420.0	31	0.48	2.00	420.0	33	0.42	1.62	386.9
	34	0.33	1.26	386.9	35	0.32	1.34	420.0	36	0.34	1.44	420.0
	45	1.94	0.40	20.6	46	1.71	0.35	20.6	47	1.46	0.30	20.6
	48	1.22	0.25	20.6	49	0.99	0.20	20.6	50	0.76	0.16	20.6
	51	0.54	0.11	20.6	52	0.38	0.08	20.6	82	0.41	0.12	29.5
	83	0.36	0.11	29.5	84	0.39	0.12	29.5	85	0.50	0.15	29.5
	86	0.64	0.19	29.5	87	0.80	0.24	29.5	88	0.97	0.29	29.5
	89	0.52	0.15	29.5	90	0.45	1.71	378.0	91	0.60	2.26	378.0
	92	0.58	2.21	378.0	93	0.53	2.00	378.0	94	0.42	1.60	378.0
	95	0.39	1.46	378.0	96	0.38	1.45	378.0	97	0.35	1.32	378.0
	98	0.35	1.31	378.0	99	0.37	1.40	378.0	100	0.42	1.58	378.0
	101	0.48	1.81	378.0	102	0.52	1.98	378.0	103	0.56	2.13	378.0
	104	0.60	2.26	378.0	105	0.49	1.84	378.0	106	0.51	1.93	378.0
	107	0.47	1.79	378.0	108	0.48	1.73	357.4	109	0.39	1.46	378.0
	110	0.33	0.07	20.6	111	0.42	1.56	368.1	112	0.53	1.94	368.1
	113	0.36	1.50	420.0	114	0.36	1.50	420.0	133	1.15	0.34	29.5
	134	1.30	0.38	29.5	135	1.46	0.43	29.5	136	1.53	0.45	29.5
	137	1.47	0.43	29.5	138	1.28	0.38	29.5	139	1.11	0.33	29.5
	140	0.94	0.28	29.5	142	0.54	1.98	368.1	143	0.35	1.49	420.0
	147	0.39	1.45	377.0	148	0.34	1.29	377.0	149	0.34	1.29	377.0
	150	0.37	1.39	377.0	151	0.42	1.59	377.0	152	0.35	1.33	377.0
	153	0.56	2.12	377.0	154	0.61	2.30	377.0	155	0.64	2.41	377.0
	156	0.50	1.87	377.0	157	0.55	2.08	377.0	158	0.48	1.82	377.0
	159	0.43	0.04	8.9	160	0.39	1.46	377.0	167	1.69	0.50	29.5
	168	1.55	0.46	29.5	169	1.43	0.42	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.89	0.26	29.5	173	0.73	0.22	29.5
	174	0.58	0.17	29.5	175	0.78	0.23	29.5	176	0.33	0.07	20.6
	177	0.34	0.07	20.6	178	0.34	0.07	20.6	179	0.35	0.07	20.6
	180	0.36	0.07	20.6	181	0.37	0.08	20.6	182	3.09	0.64	20.6
	183	2.99	0.62	20.6	184	2.91	0.60	20.6	185	2.84	0.59	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.19	0.45	20.6
	191	0.45	0.13	29.5	192	0.38	0.11	29.5	195	0.37	0.08	20.6
	196	0.38	0.08	20.6	199	0.62	0.18	29.5	200	0.48	0.14	29.5
	201	0.38	1.61	420.0	202	0.42	1.60	378.0	203	0.43	1.64	377.0
	204	0.47	1.98	420.0	205	0.41	1.57	378.0	206	0.57	2.14	377.0
	207	0.51	2.16	420.0	208	0.43	1.63	378.0	209	0.70	2.64	377.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	210	0.48	2.03	420.0	211	0.33	1.25	378.0	212	0.77	2.91	377.0
	213	0.48	2.01	420.0	214	0.34	1.28	378.0	215	0.71	2.66	377.0
	227	2.09	0.62	29.5	228	2.09	0.62	29.5	229	2.10	0.62	29.5
	230	2.10	0.62	29.5	231	2.11	0.62	29.5	232	2.07	0.61	29.5
	233	2.02	0.59	29.5	234	1.97	0.58	29.5	235	1.92	0.57	29.5
	236	1.88	0.55	29.5	237	1.83	0.54	29.5	238	1.79	0.53	29.5
	239	1.75	0.52	29.5	240	1.72	0.51	29.5	241	0.56	1.34	241.0
	242	0.45	0.15	33.4	243	0.45	0.21	46.9	244	0.44	0.21	46.9
	245	0.41	0.08	20.6								
220	4	0.14	0.53	378.0	6	0.18	0.69	377.0	7	0.12	0.49	420.0
	8	0.13	0.53	420.0	9	0.12	0.52	420.0	10	0.13	0.54	420.0
	11	0.12	0.48	420.0	12	0.12	0.49	420.0	13	0.12	0.50	420.0
	14	0.14	0.58	420.0	15	0.12	0.52	420.0	16	0.14	0.60	420.0
	17	0.12	0.52	420.0	18	0.10	0.41	420.0	19	0.14	0.59	420.0
	20	0.14	0.60	420.0	21	0.11	0.48	420.0	22	0.11	0.47	420.0
	23	0.12	0.49	420.0	24	0.12	0.49	420.0	25	0.12	0.49	420.0
	27	0.10	0.37	390.5	28	0.13	0.53	420.0	29	0.14	0.58	420.0
	30	0.14	0.59	420.0	31	0.12	0.49	420.0	33	0.26	1.02	386.9
	34	0.24	0.93	386.9	35	0.14	0.60	420.0	36	0.14	0.60	420.0
	45	1.94	0.40	20.6	46	1.70	0.35	20.6	47	1.45	0.30	20.6
	48	1.21	0.25	20.6	49	0.96	0.20	20.6	50	0.72	0.15	20.6
	51	0.48	0.10	20.6	52	0.27	0.06	20.6	82	3.14	0.93	29.5
	83	2.98	0.88	29.5	84	2.81	0.83	29.5	85	2.64	0.78	29.5
	86	2.47	0.73	29.5	87	2.31	0.68	29.5	88	2.14	0.63	29.5
	89	3.31	0.98	29.5	90	0.14	0.52	378.0	91	0.13	0.50	378.0
	92	0.13	0.50	378.0	93	0.13	0.48	378.0	94	0.13	0.50	378.0
	95	0.14	0.51	378.0	96	0.13	0.51	378.0	97	0.14	0.53	378.0
	98	0.15	0.58	378.0	99	0.15	0.58	378.0	100	0.13	0.50	378.0
	101	0.12	0.47	378.0	102	0.12	0.47	378.0	103	0.12	0.47	378.0
	104	0.12	0.46	378.0	105	0.15	0.55	378.0	106	0.15	0.56	378.0
	107	0.14	0.53	378.0	108	0.15	0.53	357.4	109	0.15	0.57	378.0
	110	0.17	0.03	20.6	111	0.28	1.05	368.1	112	0.47	1.73	368.1
	113	0.13	0.53	420.0	114	0.12	0.52	420.0	133	1.97	0.58	29.5
	134	1.83	0.54	29.5	135	1.63	0.48	29.5	136	1.53	0.45	29.5
	137	1.35	0.40	29.5	138	1.17	0.34	29.5	139	1.00	0.29	29.5
	140	0.83	0.24	29.5	142	0.49	1.81	368.1	143	0.12	0.52	420.0
	147	0.15	0.58	377.0	148	0.16	0.62	377.0	149	0.16	0.62	377.0
	150	0.16	0.60	377.0	151	0.15	0.56	377.0	152	0.21	0.78	377.0
	153	0.16	0.59	377.0	154	0.16	0.62	377.0	155	0.17	0.63	377.0
	156	0.14	0.54	377.0	157	0.17	0.62	377.0	158	0.12	0.47	377.0
	159	0.17	0.01	8.9	160	0.16	0.59	377.0	167	1.63	0.48	29.5
	168	1.49	0.44	29.5	169	1.37	0.41	29.5	170	1.18	0.35	29.5
	171	0.99	0.29	29.5	172	0.81	0.24	29.5	173	0.63	0.19	29.5
	174	0.44	0.13	29.5	175	0.66	0.20	29.5	176	0.16	0.03	20.6
	177	0.16	0.03	20.6	178	0.16	0.03	20.6	179	0.16	0.03	20.6
	180	0.16	0.03	20.6	181	0.16	0.03	20.6	182	3.09	0.64	20.6
	183	2.98	0.62	20.6	184	2.91	0.60	20.6	185	2.84	0.59	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.18	0.45	20.6
	191	0.26	0.08	29.5	192	0.08	0.02	29.5	195	0.15	0.03	20.6
	196	0.15	0.03	20.6	199	0.49	0.14	29.5	200	0.33	0.10	29.5
	201	0.15	0.65	420.0	202	0.16	0.59	378.0	203	0.15	0.55	377.0
	204	0.14	0.59	420.0	205	0.28	1.04	378.0	206	0.28	1.06	377.0
	207	0.13	0.54	420.0	208	0.29	1.09	378.0	209	0.34	1.29	377.0
	210	0.19	0.81	420.0	211	0.42	1.60	378.0	212	0.55	2.07	377.0
	213	0.19	0.78	420.0	214	0.41	1.56	378.0	215	0.51	1.92	377.0
	227	2.03	0.60	29.5	228	2.03	0.60	29.5	229	2.04	0.60	29.5
	230	2.05	0.60	29.5	231	2.06	0.61	29.5	232	2.02	0.59	29.5
	233	1.96	0.58	29.5	234	1.92	0.57	29.5	235	1.87	0.55	29.5
	236	1.82	0.54	29.5	237	1.78	0.52	29.5	238	1.74	0.51	29.5
	239	1.70	0.50	29.5	240	1.66	0.49	29.5	241	0.27	0.65	241.0
	242	0.01	4.63e-03	33.4	243	0.14	0.07	46.9	244	0.18	0.09	46.9
	245	0.10	0.02	20.6								
221	4	0.33	1.24	378.0	6	0.38	1.45	377.0	7	0.27	1.15	420.0
	8	0.64	2.67	420.0	9	0.48	2.00	420.0	10	0.40	1.70	420.0
	11	0.34	1.42	420.0	12	0.30	1.25	420.0	13	0.23	0.96	420.0
	14	0.38	1.59	420.0	15	0.45	1.89	420.0	16	0.50	2.11	420.0
	17	0.44	1.85	420.0	18	0.37	1.55	420.0	19	0.32	1.33	420.0
	20	0.28	1.16	420.0	21	0.16	0.68	420.0	22	0.13	0.53	420.0
	23	0.22	0.93	420.0	24	0.19	0.78	420.0	25	0.17	0.73	420.0
	27	0.51	1.99	390.5	28	0.23	0.96	420.0	29	0.28	1.18	420.0
	30	0.28	1.20	420.0	31	0.25	1.06	420.0	33	0.51	1.95	386.9

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	34	0.49	1.89	386.9	35	0.60	2.54	420.0	36	0.54	2.27	420.0
	45	1.91	0.39	20.6	46	1.67	0.34	20.6	47	1.42	0.29	20.6
	48	1.17	0.24	20.6	49	0.93	0.19	20.6	50	0.70	0.14	20.6
	51	0.47	0.10	20.6	52	0.31	0.06	20.6	82	1.82	0.54	29.5
	83	1.65	0.49	29.5	84	1.48	0.44	29.5	85	1.32	0.39	29.5
	86	1.18	0.35	29.5	87	1.07	0.32	29.5	88	0.99	0.29	29.5
	89	2.01	0.59	29.5	90	0.40	1.53	378.0	91	0.33	1.24	378.0
	92	0.33	1.25	378.0	93	0.35	1.33	378.0	94	0.42	1.59	378.0
	95	0.45	1.72	378.0	96	0.45	1.71	378.0	97	0.50	1.88	378.0
	98	0.47	1.79	378.0	99	0.44	1.68	378.0	100	0.42	1.58	378.0
	101	0.40	1.52	378.0	102	0.34	1.30	378.0	103	0.33	1.24	378.0
	104	0.32	1.23	378.0	105	0.36	1.38	378.0	106	0.34	1.28	378.0
	107	0.37	1.42	378.0	108	0.38	1.34	357.4	109	0.43	1.62	378.0
	110	0.27	0.06	20.6	111	0.50	1.84	368.1	112	0.60	2.20	368.1
	113	0.55	2.32	420.0	114	0.54	2.25	420.0	133	0.97	0.28	29.5
	134	0.98	0.29	29.5	135	0.91	0.27	29.5	136	0.83	0.25	29.5
	137	0.73	0.22	29.5	138	0.69	0.20	29.5	139	0.70	0.21	29.5
	140	0.76	0.23	29.5	142	0.57	2.10	368.1	143	0.53	2.23	420.0
	147	0.42	1.58	377.0	148	0.42	1.59	377.0	149	0.42	1.59	377.0
	150	0.42	1.58	377.0	151	0.41	1.56	377.0	152	0.42	1.59	377.0
	153	0.41	1.54	377.0	154	0.40	1.51	377.0	155	0.39	1.48	377.0
	156	0.40	1.52	377.0	157	0.41	1.55	377.0	158	0.41	1.54	377.0
	159	0.40	0.04	8.9	160	0.42	1.57	377.0	167	1.70	0.50	29.5
	168	1.56	0.46	29.5	169	1.44	0.43	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.89	0.26	29.5	173	0.72	0.21	29.5
	174	0.57	0.17	29.5	175	0.80	0.24	29.5	176	0.28	0.06	20.6
	177	0.29	0.06	20.6	178	0.31	0.06	20.6	179	0.32	0.07	20.6
	180	0.34	0.07	20.6	181	0.36	0.07	20.6	182	1.88	0.39	20.6
	183	1.99	0.41	20.6	184	2.07	0.43	20.6	185	2.15	0.44	20.6
	186	2.22	0.46	20.6	187	2.40	0.50	20.6	188	2.15	0.44	20.6
	191	0.45	0.13	29.5	192	0.39	0.12	29.5	195	0.38	0.08	20.6
	196	0.41	0.08	20.6	199	0.65	0.19	29.5	200	0.52	0.15	29.5
	201	0.41	1.71	420.0	202	0.40	1.52	378.0	203	0.42	1.58	377.0
	204	0.24	1.01	420.0	205	0.26	0.97	378.0	206	0.52	1.95	377.0
	207	0.13	0.56	420.0	208	0.19	0.72	378.0	209	0.57	2.15	377.0
	210	0.12	0.49	420.0	211	0.12	0.45	378.0	212	0.72	2.72	377.0
	213	0.16	0.67	420.0	214	0.14	0.55	378.0	215	0.68	2.56	377.0
	227	2.12	0.62	29.5	228	2.11	0.62	29.5	229	2.12	0.62	29.5
	230	2.12	0.63	29.5	231	2.13	0.63	29.5	232	2.09	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.94	0.57	29.5
	236	1.89	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.77	0.52	29.5	240	1.73	0.51	29.5	241	0.45	1.09	241.0
	242	0.39	0.13	33.4	243	0.41	0.19	46.9	244	0.41	0.19	46.9
	245	0.37	0.08	20.6								
222	4	0.12	0.44	378.0	6	0.17	0.64	377.0	7	0.19	0.81	420.0
	8	0.12	0.51	420.0	9	0.15	0.64	420.0	10	0.17	0.73	420.0
	11	0.20	0.85	420.0	12	0.23	0.98	420.0	13	0.23	0.98	420.0
	14	0.14	0.60	420.0	15	0.13	0.56	420.0	16	0.07	0.28	420.0
	17	0.12	0.51	420.0	18	0.12	0.52	420.0	19	0.13	0.53	420.0
	20	0.15	0.62	420.0	21	0.20	0.86	420.0	22	0.23	0.96	420.0
	23	0.18	0.74	420.0	24	0.23	0.97	420.0	25	0.24	1.02	420.0
	27	0.11	0.43	390.5	28	0.20	0.84	420.0	29	0.10	0.42	420.0
	30	0.10	0.42	420.0	31	0.19	0.80	420.0	33	0.18	0.69	386.9
	34	0.17	0.68	386.9	35	0.08	0.32	420.0	36	0.07	0.28	420.0
	45	1.88	0.39	20.6	46	1.64	0.34	20.6	47	1.38	0.29	20.6
	48	1.13	0.23	20.6	49	0.88	0.18	20.6	50	0.63	0.13	20.6
	51	0.39	0.08	20.6	52	0.19	0.04	20.6	82	3.16	0.93	29.5
	83	2.98	0.88	29.5	84	2.81	0.83	29.5	85	2.63	0.78	29.5
	86	2.45	0.72	29.5	87	2.27	0.67	29.5	88	2.10	0.62	29.5
	89	3.33	0.98	29.5	90	0.16	0.61	378.0	91	0.18	0.70	378.0
	92	0.18	0.69	378.0	93	0.17	0.65	378.0	94	0.16	0.62	378.0
	95	0.17	0.64	378.0	96	0.16	0.61	378.0	97	0.18	0.67	378.0
	98	0.14	0.53	378.0	99	0.13	0.50	378.0	100	0.15	0.57	378.0
	101	0.14	0.54	378.0	102	0.14	0.54	378.0	103	0.14	0.54	378.0
	104	0.14	0.55	378.0	105	0.12	0.45	378.0	106	0.12	0.46	378.0
	107	0.04	0.17	378.0	108	0.03	0.12	357.4	109	0.13	0.48	378.0
	110	0.12	0.02	20.6	111	0.11	0.42	368.1	112	0.22	0.82	368.1
	113	0.14	0.57	420.0	114	0.13	0.53	420.0	133	1.92	0.57	29.5
	134	1.78	0.52	29.5	135	1.57	0.46	29.5	136	1.46	0.43	29.5
	137	1.28	0.38	29.5	138	1.09	0.32	29.5	139	0.92	0.27	29.5
	140	0.74	0.22	29.5	142	0.25	0.91	368.1	143	0.12	0.50	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	147	0.17	0.64	377.0	148	0.18	0.69	377.0	149	0.15	0.55	377.0
	150	0.14	0.52	377.0	151	0.16	0.60	377.0	152	0.17	0.62	377.0
	153	0.18	0.68	377.0	154	0.19	0.72	377.0	155	0.19	0.73	377.0
	156	0.12	0.46	377.0	157	0.15	0.57	377.0	158	0.04	0.15	377.0
	159	0.18	0.02	8.9	160	0.13	0.49	377.0	167	0.53	0.16	29.5
	168	0.67	0.20	29.5	169	0.78	0.23	29.5	170	0.97	0.29	29.5
	171	1.11	0.33	29.5	172	0.93	0.27	29.5	173	0.74	0.22	29.5
	174	0.55	0.16	29.5	175	0.57	0.17	29.5	176	0.11	0.02	20.6
	177	0.10	0.02	20.6	178	0.09	0.02	20.6	179	0.08	0.02	20.6
	180	0.07	0.01	20.6	181	0.06	0.01	20.6	182	3.04	0.63	20.6
	183	2.94	0.61	20.6	184	2.87	0.59	20.6	185	2.80	0.58	20.6
	186	2.74	0.57	20.6	187	2.39	0.49	20.6	188	2.13	0.44	20.6
	191	0.36	0.11	29.5	192	0.17	0.05	29.5	195	0.05	0.01	20.6
	196	0.06	0.01	20.6	199	0.40	0.12	29.5	200	0.23	0.07	29.5
	201	0.08	0.32	420.0	202	0.12	0.44	378.0	203	0.12	0.46	377.0
	204	0.13	0.54	420.0	205	0.22	0.84	378.0	206	0.26	0.97	377.0
	207	0.19	0.79	420.0	208	0.23	0.86	378.0	209	0.32	1.22	377.0
	210	0.24	1.02	420.0	211	0.38	1.42	378.0	212	0.54	2.02	377.0
	213	0.22	0.91	420.0	214	0.36	1.38	378.0	215	0.50	1.88	377.0
	227	0.07	0.02	29.5	228	0.10	0.03	29.5	229	0.13	0.04	29.5
	230	0.16	0.05	29.5	231	0.20	0.06	29.5	232	0.25	0.07	29.5
	233	0.27	0.08	29.5	234	0.30	0.09	29.5	235	0.33	0.10	29.5
	236	0.37	0.11	29.5	237	0.40	0.12	29.5	238	0.44	0.13	29.5
	239	0.47	0.14	29.5	240	0.50	0.15	29.5	241	0.24	0.57	241.0
	242	0.02	7.45e-03	33.4	243	0.16	0.08	46.9	244	0.20	0.09	46.9
	245	0.12	0.02	20.6								
223	4	0.44	1.67	378.0	6	0.49	1.84	377.0	7	0.42	1.75	420.0
	8	0.27	1.14	420.0	9	0.32	1.35	420.0	10	0.36	1.50	420.0
	11	0.40	1.68	420.0	12	0.43	1.79	420.0	13	0.45	1.91	420.0
	14	0.34	1.43	420.0	15	0.33	1.37	420.0	16	0.33	1.41	420.0
	17	0.33	1.37	420.0	18	0.33	1.40	420.0	19	0.42	1.77	420.0
	20	0.45	1.91	420.0	21	0.47	1.99	420.0	22	0.51	2.16	420.0
	23	0.43	1.81	420.0	24	0.48	2.01	420.0	25	0.50	2.09	420.0
	27	0.25	0.99	390.5	28	0.54	2.25	420.0	29	0.43	1.79	420.0
	30	0.43	1.81	420.0	31	0.42	1.78	420.0	33	0.52	2.02	386.9
	34	0.46	1.78	386.9	35	0.30	1.28	420.0	36	0.32	1.36	420.0
	45	1.95	0.40	20.6	46	1.72	0.35	20.6	47	1.47	0.30	20.6
	48	1.23	0.25	20.6	49	1.00	0.21	20.6	50	0.76	0.16	20.6
	51	0.54	0.11	20.6	52	0.37	0.08	20.6	82	3.14	0.93	29.5
	83	2.98	0.88	29.5	84	2.82	0.83	29.5	85	2.66	0.78	29.5
	86	2.50	0.74	29.5	87	2.36	0.70	29.5	88	2.22	0.66	29.5
	89	3.31	0.98	29.5	90	0.38	1.43	378.0	91	0.42	1.60	378.0
	92	0.42	1.58	378.0	93	0.40	1.53	378.0	94	0.40	1.50	378.0
	95	0.40	1.53	378.0	96	0.41	1.54	378.0	97	0.42	1.59	378.0
	98	0.42	1.58	378.0	99	0.41	1.55	378.0	100	0.40	1.51	378.0
	101	0.38	1.43	378.0	102	0.41	1.54	378.0	103	0.42	1.58	378.0
	104	0.43	1.64	378.0	105	0.41	1.56	378.0	106	0.41	1.54	378.0
	107	0.43	1.61	378.0	108	0.45	1.60	357.4	109	0.41	1.53	378.0
	110	0.31	0.06	20.6	111	0.49	1.80	368.1	112	0.61	2.24	368.1
	113	0.30	1.24	420.0	114	0.30	1.26	420.0	133	2.10	0.62	29.5
	134	2.01	0.59	29.5	135	1.83	0.54	29.5	136	1.72	0.51	29.5
	137	1.52	0.45	29.5	138	1.34	0.39	29.5	139	1.16	0.34	29.5
	140	0.99	0.29	29.5	142	0.62	2.27	368.1	143	0.30	1.27	420.0
	147	0.39	1.48	377.0	148	0.38	1.42	377.0	149	0.39	1.45	377.0
	150	0.39	1.49	377.0	151	0.40	1.53	377.0	152	0.42	1.57	377.0
	153	0.46	1.75	377.0	154	0.48	1.82	377.0	155	0.49	1.86	377.0
	156	0.44	1.66	377.0	157	0.47	1.76	377.0	158	0.45	1.68	377.0
	159	0.40	0.04	8.9	160	0.40	1.51	377.0	167	1.62	0.48	29.5
	168	1.48	0.44	29.5	169	1.37	0.40	29.5	170	1.18	0.35	29.5
	171	1.00	0.30	29.5	172	0.83	0.25	29.5	173	0.67	0.20	29.5
	174	0.52	0.15	29.5	175	0.83	0.24	29.5	176	0.31	0.06	20.6
	177	0.33	0.07	20.6	178	0.34	0.07	20.6	179	0.35	0.07	20.6
	180	0.36	0.07	20.6	181	0.38	0.08	20.6	182	3.10	0.64	20.6
	183	3.00	0.62	20.6	184	2.92	0.60	20.6	185	2.85	0.59	20.6
	186	2.79	0.57	20.6	187	2.44	0.50	20.6	188	2.19	0.45	20.6
	191	0.41	0.12	29.5	192	0.37	0.11	29.5	195	0.39	0.08	20.6
	196	0.41	0.08	20.6	199	0.67	0.20	29.5	200	0.53	0.16	29.5
	201	0.36	1.52	420.0	202	0.39	1.47	378.0	203	0.41	1.56	377.0
	204	0.45	1.89	420.0	205	0.34	1.27	378.0	206	0.54	2.05	377.0
	207	0.50	2.11	420.0	208	0.31	1.18	378.0	209	0.63	2.39	377.0
	210	0.45	1.88	420.0	211	0.23	0.86	378.0	212	0.75	2.82	377.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	213	0.44	1.85	420.0	214	0.25	0.93	378.0	215	0.70	2.62	377.0
	227	2.04	0.60	29.5	228	2.03	0.60	29.5	229	2.04	0.60	29.5
	230	2.04	0.60	29.5	231	2.05	0.61	29.5	232	2.01	0.59	29.5
	233	1.95	0.58	29.5	234	1.91	0.56	29.5	235	1.86	0.55	29.5
	236	1.81	0.53	29.5	237	1.77	0.52	29.5	238	1.73	0.51	29.5
	239	1.69	0.50	29.5	240	1.65	0.49	29.5	241	0.50	1.21	241.0
	242	0.41	0.14	33.4	243	0.41	0.19	46.9	244	0.41	0.19	46.9
	245	0.38	0.08	20.6								
224	4	0.22	0.83	378.0	6	0.27	1.02	377.0	7	0.29	1.21	420.0
	8	0.40	1.67	420.0	9	0.32	1.35	420.0	10	0.32	1.33	420.0
	11	0.33	1.41	420.0	12	0.37	1.56	420.0	13	0.34	1.44	420.0
	14	0.26	1.09	420.0	15	0.28	1.16	420.0	16	0.37	1.55	420.0
	17	0.25	1.05	420.0	18	0.22	0.93	420.0	19	0.33	1.39	420.0
	20	0.35	1.48	420.0	21	0.26	1.11	420.0	22	0.24	1.01	420.0
	23	0.23	0.97	420.0	24	0.32	1.33	420.0	25	0.31	1.30	420.0
	27	0.26	1.03	390.5	28	0.35	1.45	420.0	29	0.09	0.36	420.0
	30	0.08	0.32	420.0	31	0.27	1.15	420.0	33	0.18	0.68	386.9
	34	0.20	0.77	386.9	35	0.43	1.79	420.0	36	0.39	1.64	420.0
	45	1.93	0.40	20.6	46	1.69	0.35	20.6	47	1.44	0.30	20.6
	48	1.19	0.25	20.6	49	0.94	0.19	20.6	50	0.70	0.14	20.6
	51	0.46	0.09	20.6	52	0.26	0.05	20.6	82	1.03	0.30	29.5
	83	0.85	0.25	29.5	84	0.67	0.20	29.5	85	0.50	0.15	29.5
	86	0.34	0.10	29.5	87	0.22	0.06	29.5	88	0.21	0.06	29.5
	89	1.21	0.36	29.5	90	0.27	1.02	378.0	91	0.32	1.20	378.0
	92	0.31	1.17	378.0	93	0.28	1.07	378.0	94	0.27	1.01	378.0
	95	0.28	1.04	378.0	96	0.26	0.99	378.0	97	0.30	1.12	378.0
	98	0.23	0.88	378.0	99	0.21	0.81	378.0	100	0.24	0.91	378.0
	101	0.23	0.88	378.0	102	0.23	0.88	378.0	103	0.24	0.92	378.0
	104	0.26	0.97	378.0	105	0.19	0.71	378.0	106	0.20	0.75	378.0
	107	0.09	0.35	378.0	108	0.45	1.61	357.4	109	0.20	0.77	378.0
	110	0.16	0.03	20.6	111	0.26	0.97	368.1	112	0.45	1.66	368.1
	113	0.35	1.47	420.0	114	0.32	1.36	420.0	133	0.33	0.10	29.5
	134	0.46	0.13	29.5	135	0.65	0.19	29.5	136	0.75	0.22	29.5
	137	0.93	0.28	29.5	138	1.11	0.33	29.5	139	0.97	0.29	29.5
	140	0.80	0.24	29.5	142	0.47	1.74	368.1	143	0.31	1.31	420.0
	147	0.25	0.94	377.0	148	0.27	1.04	377.0	149	0.22	0.83	377.0
	150	0.21	0.78	377.0	151	0.23	0.88	377.0	152	0.24	0.89	377.0
	153	0.24	0.91	377.0	154	0.29	1.09	377.0	155	0.30	1.15	377.0
	156	0.19	0.70	377.0	157	0.20	0.76	377.0	158	0.10	0.36	377.0
	159	0.17	0.01	8.9	160	0.20	0.74	377.0	167	1.70	0.50	29.5
	168	1.55	0.46	29.5	169	1.44	0.42	29.5	170	1.24	0.37	29.5
	171	1.05	0.31	29.5	172	0.86	0.25	29.5	173	0.68	0.20	29.5
	174	0.49	0.14	29.5	175	0.63	0.19	29.5	176	0.15	0.03	20.6
	177	0.14	0.03	20.6	178	0.14	0.03	20.6	179	0.13	0.03	20.6
	180	0.13	0.03	20.6	181	0.12	0.02	20.6	182	3.08	0.63	20.6
	183	2.98	0.61	20.6	184	2.90	0.60	20.6	185	2.84	0.58	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.18	0.45	20.6
	191	0.30	0.09	29.5	192	0.12	0.03	29.5	195	0.12	0.02	20.6
	196	0.12	0.03	20.6	199	0.46	0.14	29.5	200	0.30	0.09	29.5
	201	0.33	1.40	420.0	202	0.19	0.71	378.0	203	0.18	0.68	377.0
	204	0.10	0.41	420.0	205	0.18	0.70	378.0	206	0.29	1.07	377.0
	207	0.16	0.68	420.0	208	0.15	0.55	378.0	209	0.18	0.69	377.0
	210	0.10	0.40	420.0	211	0.29	1.11	378.0	212	0.22	0.82	377.0
	213	0.08	0.35	420.0	214	0.30	1.12	378.0	215	0.33	1.24	377.0
	227	2.08	0.61	29.5	228	2.09	0.62	29.5	229	2.10	0.62	29.5
	230	2.11	0.62	29.5	231	2.13	0.63	29.5	232	2.09	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.94	0.57	29.5
	236	1.90	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.77	0.52	29.5	240	1.73	0.51	29.5	241	0.30	0.73	241.0
	242	0.05	0.02	33.4	243	0.14	0.07	46.9	244	0.18	0.08	46.9
	245	0.11	0.02	20.6								
225	4	0.33	1.25	378.0	6	0.39	1.46	377.0	7	0.28	1.16	420.0
	8	0.64	2.68	420.0	9	0.48	2.02	420.0	10	0.41	1.71	420.0
	11	0.34	1.43	420.0	12	0.30	1.25	420.0	13	0.23	0.97	420.0
	14	0.38	1.60	420.0	15	0.45	1.90	420.0	16	0.50	2.12	420.0
	17	0.44	1.86	420.0	18	0.37	1.56	420.0	19	0.32	1.34	420.0
	20	0.28	1.17	420.0	21	0.17	0.70	420.0	22	0.13	0.54	420.0
	23	0.23	0.95	420.0	24	0.19	0.79	420.0	25	0.18	0.74	420.0
	27	0.51	2.00	390.5	28	0.23	0.96	420.0	29	0.28	1.19	420.0
	30	0.29	1.21	420.0	31	0.26	1.07	420.0	33	0.51	1.97	386.9
	34	0.49	1.90	386.9	35	0.61	2.55	420.0	36	0.54	2.28	420.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	45	1.91	0.39	20.6	46	1.67	0.34	20.6	47	1.42	0.29	20.6
	48	1.17	0.24	20.6	49	0.93	0.19	20.6	50	0.70	0.14	20.6
	51	0.48	0.10	20.6	52	0.32	0.07	20.6	82	1.81	0.53	29.5
	83	1.64	0.48	29.5	84	1.47	0.43	29.5	85	1.31	0.39	29.5
	86	1.18	0.35	29.5	87	1.06	0.31	29.5	88	0.99	0.29	29.5
	89	2.00	0.59	29.5	90	0.41	1.54	378.0	91	0.33	1.24	378.0
	92	0.33	1.26	378.0	93	0.35	1.34	378.0	94	0.43	1.61	378.0
	95	0.46	1.73	378.0	96	0.46	1.72	378.0	97	0.50	1.90	378.0
	98	0.48	1.81	378.0	99	0.45	1.70	378.0	100	0.42	1.59	378.0
	101	0.41	1.54	378.0	102	0.35	1.31	378.0	103	0.33	1.25	378.0
	104	0.33	1.23	378.0	105	0.37	1.39	378.0	106	0.34	1.28	378.0
	107	0.38	1.43	378.0	108	0.38	1.35	357.4	109	0.43	1.63	378.0
	110	0.28	0.06	20.6	111	0.50	1.85	368.1	112	0.60	2.21	368.1
	113	0.56	2.34	420.0	114	0.54	2.27	420.0	133	0.97	0.28	29.5
	134	0.98	0.29	29.5	135	0.91	0.27	29.5	136	0.83	0.25	29.5
	137	0.74	0.22	29.5	138	0.70	0.21	29.5	139	0.71	0.21	29.5
	140	0.77	0.23	29.5	142	0.57	2.12	368.1	143	0.53	2.24	420.0
	147	0.42	1.59	377.0	148	0.43	1.60	377.0	149	0.43	1.61	377.0
	150	0.42	1.59	377.0	151	0.42	1.58	377.0	152	0.43	1.61	377.0
	153	0.41	1.55	377.0	154	0.41	1.53	377.0	155	0.40	1.49	377.0
	156	0.41	1.53	377.0	157	0.41	1.56	377.0	158	0.41	1.56	377.0
	159	0.40	0.04	8.9	160	0.42	1.59	377.0	167	1.70	0.50	29.5
	168	1.56	0.46	29.5	169	1.44	0.43	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.89	0.26	29.5	173	0.72	0.21	29.5
	174	0.57	0.17	29.5	175	0.80	0.24	29.5	176	0.29	0.06	20.6
	177	0.30	0.06	20.6	178	0.31	0.06	20.6	179	0.33	0.07	20.6
	180	0.35	0.07	20.6	181	0.37	0.08	20.6	182	1.90	0.39	20.6
	183	2.01	0.41	20.6	184	2.09	0.43	20.6	185	2.16	0.45	20.6
	186	2.24	0.46	20.6	187	2.40	0.49	20.6	188	2.15	0.44	20.6
	191	0.45	0.13	29.5	192	0.40	0.12	29.5	195	0.39	0.08	20.6
	196	0.41	0.08	20.6	199	0.65	0.19	29.5	200	0.53	0.16	29.5
	201	0.41	1.72	420.0	202	0.41	1.53	378.0	203	0.42	1.60	377.0
	204	0.24	1.03	420.0	205	0.26	0.99	378.0	206	0.52	1.96	377.0
	207	0.14	0.57	420.0	208	0.20	0.74	378.0	209	0.57	2.16	377.0
	210	0.12	0.50	420.0	211	0.12	0.46	378.0	212	0.72	2.73	377.0
	213	0.16	0.69	420.0	214	0.15	0.56	378.0	215	0.68	2.57	377.0
	227	2.11	0.62	29.5	228	2.11	0.62	29.5	229	2.11	0.62	29.5
	230	2.12	0.63	29.5	231	2.13	0.63	29.5	232	2.09	0.62	29.5
	233	2.03	0.60	29.5	234	1.98	0.59	29.5	235	1.94	0.57	29.5
	236	1.89	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.77	0.52	29.5	240	1.73	0.51	29.5	241	0.46	1.10	241.0
	242	0.39	0.13	33.4	243	0.41	0.19	46.9	244	0.41	0.19	46.9
	245	0.37	0.08	20.6								
226	4	0.12	0.44	378.0	6	0.17	0.65	377.0	7	0.19	0.80	420.0
	8	0.12	0.51	420.0	9	0.15	0.64	420.0	10	0.17	0.72	420.0
	11	0.20	0.84	420.0	12	0.23	0.97	420.0	13	0.23	0.97	420.0
	14	0.14	0.60	420.0	15	0.13	0.56	420.0	16	0.07	0.28	420.0
	17	0.12	0.51	420.0	18	0.12	0.51	420.0	19	0.12	0.52	420.0
	20	0.14	0.60	420.0	21	0.20	0.85	420.0	22	0.23	0.95	420.0
	23	0.17	0.73	420.0	24	0.23	0.96	420.0	25	0.24	1.01	420.0
	27	0.11	0.43	390.5	28	0.20	0.83	420.0	29	0.10	0.41	420.0
	30	0.10	0.41	420.0	31	0.19	0.79	420.0	33	0.18	0.69	386.9
	34	0.17	0.67	386.9	35	0.08	0.32	420.0	36	0.07	0.28	420.0
	45	1.88	0.39	20.6	46	1.64	0.34	20.6	47	1.38	0.29	20.6
	48	1.13	0.23	20.6	49	0.88	0.18	20.6	50	0.63	0.13	20.6
	51	0.39	0.08	20.6	52	0.20	0.04	20.6	82	3.15	0.93	29.5
	83	2.98	0.88	29.5	84	2.80	0.83	29.5	85	2.62	0.77	29.5
	86	2.45	0.72	29.5	87	2.27	0.67	29.5	88	2.10	0.62	29.5
	89	3.33	0.98	29.5	90	0.16	0.61	378.0	91	0.18	0.69	378.0
	92	0.18	0.68	378.0	93	0.17	0.64	378.0	94	0.16	0.61	378.0
	95	0.17	0.63	378.0	96	0.16	0.60	378.0	97	0.17	0.65	378.0
	98	0.14	0.52	378.0	99	0.13	0.49	378.0	100	0.15	0.56	378.0
	101	0.14	0.54	378.0	102	0.14	0.54	378.0	103	0.14	0.54	378.0
	104	0.14	0.54	378.0	105	0.12	0.45	378.0	106	0.12	0.46	378.0
	107	0.04	0.16	378.0	108	0.03	0.11	357.4	109	0.13	0.47	378.0
	110	0.13	0.03	20.6	111	0.11	0.41	368.1	112	0.22	0.81	368.1
	113	0.14	0.57	420.0	114	0.13	0.53	420.0	133	1.92	0.57	29.5
	134	1.77	0.52	29.5	135	1.57	0.46	29.5	136	1.46	0.43	29.5
	137	1.28	0.38	29.5	138	1.09	0.32	29.5	139	0.92	0.27	29.5
	140	0.74	0.22	29.5	142	0.25	0.90	368.1	143	0.12	0.50	420.0
	147	0.17	0.63	377.0	148	0.18	0.69	377.0	149	0.14	0.54	377.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	150	0.14	0.51	377.0	151	0.16	0.60	377.0	152	0.17	0.62	377.0
	153	0.18	0.68	377.0	154	0.19	0.72	377.0	155	0.20	0.74	377.0
	156	0.12	0.46	377.0	157	0.15	0.58	377.0	158	0.04	0.15	377.0
	159	0.18	0.02	8.9	160	0.13	0.49	377.0	167	0.52	0.15	29.5
	168	0.66	0.19	29.5	169	0.77	0.23	29.5	170	0.96	0.28	29.5
	171	1.11	0.33	29.5	172	0.93	0.27	29.5	173	0.74	0.22	29.5
	174	0.55	0.16	29.5	175	0.57	0.17	29.5	176	0.12	0.02	20.6
	177	0.10	0.02	20.6	178	0.09	0.02	20.6	179	0.08	0.02	20.6
	180	0.07	0.01	20.6	181	0.06	0.01	20.6	182	3.04	0.63	20.6
	183	2.94	0.61	20.6	184	2.87	0.59	20.6	185	2.80	0.58	20.6
	186	2.74	0.56	20.6	187	2.39	0.49	20.6	188	2.13	0.44	20.6
	191	0.36	0.11	29.5	192	0.17	0.05	29.5	195	0.05	0.01	20.6
	196	0.06	0.01	20.6	199	0.40	0.12	29.5	200	0.23	0.07	29.5
	201	0.08	0.32	420.0	202	0.12	0.43	378.0	203	0.12	0.46	377.0
	204	0.13	0.53	420.0	205	0.22	0.83	378.0	206	0.26	0.98	377.0
	207	0.19	0.78	420.0	208	0.22	0.85	378.0	209	0.33	1.23	377.0
	210	0.24	1.01	420.0	211	0.37	1.40	378.0	212	0.54	2.03	377.0
	213	0.21	0.89	420.0	214	0.36	1.36	378.0	215	0.50	1.88	377.0
	227	0.07	0.02	29.5	228	0.10	0.03	29.5	229	0.13	0.04	29.5
	230	0.17	0.05	29.5	231	0.20	0.06	29.5	232	0.25	0.07	29.5
	233	0.27	0.08	29.5	234	0.30	0.09	29.5	235	0.33	0.10	29.5
	236	0.36	0.11	29.5	237	0.40	0.12	29.5	238	0.43	0.13	29.5
	239	0.46	0.14	29.5	240	0.49	0.15	29.5	241	0.24	0.57	241.0
	242	0.02	8.26e-03	33.4	243	0.16	0.08	46.9	244	0.20	0.09	46.9
	245	0.12	0.02	20.6								
227	4	0.44	1.67	378.0	6	0.49	1.85	377.0	7	0.42	1.76	420.0
	8	0.28	1.16	420.0	9	0.32	1.36	420.0	10	0.36	1.51	420.0
	11	0.40	1.69	420.0	12	0.43	1.80	420.0	13	0.46	1.92	420.0
	14	0.34	1.45	420.0	15	0.33	1.38	420.0	16	0.34	1.42	420.0
	17	0.33	1.39	420.0	18	0.34	1.42	420.0	19	0.43	1.79	420.0
	20	0.46	1.92	420.0	21	0.48	2.01	420.0	22	0.52	2.17	420.0
	23	0.44	1.83	420.0	24	0.48	2.03	420.0	25	0.50	2.10	420.0
	27	0.26	1.01	390.5	28	0.54	2.26	420.0	29	0.43	1.80	420.0
	30	0.43	1.83	420.0	31	0.43	1.79	420.0	33	0.53	2.03	386.9
	34	0.46	1.80	386.9	35	0.31	1.29	420.0	36	0.33	1.38	420.0
	45	1.95	0.40	20.6	46	1.72	0.35	20.6	47	1.48	0.30	20.6
	48	1.24	0.25	20.6	49	1.00	0.21	20.6	50	0.77	0.16	20.6
	51	0.54	0.11	20.6	52	0.37	0.08	20.6	82	3.14	0.92	29.5
	83	2.97	0.88	29.5	84	2.81	0.83	29.5	85	2.65	0.78	29.5
	86	2.50	0.74	29.5	87	2.36	0.70	29.5	88	2.22	0.66	29.5
	89	3.31	0.98	29.5	90	0.38	1.44	378.0	91	0.42	1.60	378.0
	92	0.42	1.59	378.0	93	0.41	1.54	378.0	94	0.40	1.51	378.0
	95	0.41	1.55	378.0	96	0.41	1.56	378.0	97	0.43	1.61	378.0
	98	0.42	1.60	378.0	99	0.41	1.56	378.0	100	0.40	1.53	378.0
	101	0.38	1.45	378.0	102	0.41	1.55	378.0	103	0.42	1.59	378.0
	104	0.44	1.65	378.0	105	0.42	1.57	378.0	106	0.41	1.55	378.0
	107	0.43	1.62	378.0	108	0.45	1.61	357.4	109	0.41	1.55	378.0
	110	0.31	0.06	20.6	111	0.49	1.81	368.1	112	0.61	2.25	368.1
	113	0.30	1.26	420.0	114	0.30	1.28	420.0	133	2.10	0.62	29.5
	134	2.01	0.59	29.5	135	1.83	0.54	29.5	136	1.72	0.51	29.5
	137	1.52	0.45	29.5	138	1.34	0.39	29.5	139	1.16	0.34	29.5
	140	0.99	0.29	29.5	142	0.62	2.28	368.1	143	0.31	1.28	420.0
	147	0.40	1.50	377.0	148	0.38	1.43	377.0	149	0.39	1.47	377.0
	150	0.40	1.50	377.0	151	0.41	1.54	377.0	152	0.42	1.58	377.0
	153	0.47	1.76	377.0	154	0.49	1.84	377.0	155	0.50	1.88	377.0
	156	0.44	1.67	377.0	157	0.47	1.78	377.0	158	0.45	1.70	377.0
	159	0.40	0.04	8.9	160	0.40	1.52	377.0	167	1.62	0.48	29.5
	168	1.48	0.44	29.5	169	1.37	0.40	29.5	170	1.18	0.35	29.5
	171	1.00	0.29	29.5	172	0.83	0.24	29.5	173	0.67	0.20	29.5
	174	0.52	0.15	29.5	175	0.83	0.24	29.5	176	0.32	0.07	20.6
	177	0.33	0.07	20.6	178	0.34	0.07	20.6	179	0.35	0.07	20.6
	180	0.37	0.08	20.6	181	0.38	0.08	20.6	182	3.10	0.64	20.6
	183	3.00	0.62	20.6	184	2.92	0.60	20.6	185	2.85	0.59	20.6
	186	2.78	0.57	20.6	187	2.44	0.50	20.6	188	2.19	0.45	20.6
	191	0.41	0.12	29.5	192	0.37	0.11	29.5	195	0.40	0.08	20.6
	196	0.41	0.08	20.6	199	0.67	0.20	29.5	200	0.54	0.16	29.5
	201	0.36	1.53	420.0	202	0.39	1.48	378.0	203	0.42	1.57	377.0
	204	0.45	1.90	420.0	205	0.34	1.29	378.0	206	0.55	2.06	377.0
	207	0.50	2.12	420.0	208	0.31	1.19	378.0	209	0.64	2.40	377.0
	210	0.45	1.89	420.0	211	0.23	0.87	378.0	212	0.75	2.83	377.0
	213	0.44	1.86	420.0	214	0.25	0.94	378.0	215	0.70	2.63	377.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	227	2.03	0.60	29.5	228	2.03	0.60	29.5	229	2.03	0.60	29.5
	230	2.04	0.60	29.5	231	2.05	0.60	29.5	232	2.00	0.59	29.5
	233	1.95	0.58	29.5	234	1.90	0.56	29.5	235	1.86	0.55	29.5
	236	1.81	0.53	29.5	237	1.77	0.52	29.5	238	1.73	0.51	29.5
	239	1.69	0.50	29.5	240	1.65	0.49	29.5	241	0.51	1.22	241.0
	242	0.41	0.14	33.4	243	0.42	0.19	46.9	244	0.42	0.19	46.9
	245	0.38	0.08	20.6								
228	4	0.22	0.83	378.0	6	0.27	1.03	377.0	7	0.29	1.22	420.0
	8	0.40	1.66	420.0	9	0.32	1.34	420.0	10	0.32	1.32	420.0
	11	0.34	1.41	420.0	12	0.37	1.56	420.0	13	0.34	1.45	420.0
	14	0.26	1.08	420.0	15	0.27	1.15	420.0	16	0.37	1.54	420.0
	17	0.25	1.05	420.0	18	0.22	0.93	420.0	19	0.33	1.39	420.0
	20	0.35	1.49	420.0	21	0.26	1.09	420.0	22	0.24	0.99	420.0
	23	0.23	0.97	420.0	24	0.31	1.31	420.0	25	0.30	1.28	420.0
	27	0.26	1.01	390.5	28	0.34	1.44	420.0	29	0.09	0.37	420.0
	30	0.08	0.33	420.0	31	0.28	1.16	420.0	33	0.17	0.67	386.9
	34	0.19	0.75	386.9	35	0.42	1.78	420.0	36	0.39	1.63	420.0
	45	1.93	0.40	20.6	46	1.69	0.35	20.6	47	1.44	0.30	20.6
	48	1.19	0.25	20.6	49	0.95	0.19	20.6	50	0.70	0.14	20.6
	51	0.46	0.09	20.6	52	0.26	0.05	20.6	82	1.02	0.30	29.5
	83	0.84	0.25	29.5	84	0.67	0.20	29.5	85	0.49	0.15	29.5
	86	0.34	0.10	29.5	87	0.22	0.06	29.5	88	0.22	0.06	29.5
	89	1.20	0.35	29.5	90	0.27	1.01	378.0	91	0.32	1.19	378.0
	92	0.31	1.17	378.0	93	0.28	1.06	378.0	94	0.26	1.00	378.0
	95	0.27	1.03	378.0	96	0.26	0.98	378.0	97	0.29	1.11	378.0
	98	0.23	0.87	378.0	99	0.21	0.80	378.0	100	0.24	0.90	378.0
	101	0.23	0.88	378.0	102	0.23	0.88	378.0	103	0.24	0.92	378.0
	104	0.26	0.97	378.0	105	0.19	0.71	378.0	106	0.20	0.75	378.0
	107	0.09	0.35	378.0	108	0.45	1.61	357.4	109	0.20	0.76	378.0
	110	0.17	0.03	20.6	111	0.26	0.96	368.1	112	0.45	1.65	368.1
	113	0.35	1.46	420.0	114	0.32	1.35	420.0	133	0.33	0.10	29.5
	134	0.46	0.14	29.5	135	0.65	0.19	29.5	136	0.76	0.22	29.5
	137	0.94	0.28	29.5	138	1.12	0.33	29.5	139	0.97	0.29	29.5
	140	0.80	0.24	29.5	142	0.47	1.73	368.1	143	0.31	1.30	420.0
	147	0.25	0.93	377.0	148	0.27	1.03	377.0	149	0.22	0.82	377.0
	150	0.20	0.77	377.0	151	0.23	0.88	377.0	152	0.24	0.89	377.0
	153	0.24	0.92	377.0	154	0.29	1.10	377.0	155	0.31	1.16	377.0
	156	0.19	0.70	377.0	157	0.21	0.78	377.0	158	0.10	0.37	377.0
	159	0.17	0.01	8.9	160	0.19	0.73	377.0	167	1.70	0.50	29.5
	168	1.55	0.46	29.5	169	1.43	0.42	29.5	170	1.24	0.37	29.5
	171	1.05	0.31	29.5	172	0.86	0.25	29.5	173	0.68	0.20	29.5
	174	0.49	0.14	29.5	175	0.63	0.18	29.5	176	0.16	0.03	20.6
	177	0.15	0.03	20.6	178	0.14	0.03	20.6	179	0.13	0.03	20.6
	180	0.13	0.03	20.6	181	0.12	0.03	20.6	182	3.07	0.63	20.6
	183	2.97	0.61	20.6	184	2.90	0.60	20.6	185	2.83	0.58	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.18	0.45	20.6
	191	0.30	0.09	29.5	192	0.12	0.03	29.5	195	0.12	0.02	20.6
	196	0.12	0.03	20.6	199	0.46	0.13	29.5	200	0.30	0.09	29.5
	201	0.33	1.40	420.0	202	0.19	0.71	378.0	203	0.18	0.68	377.0
	204	0.10	0.42	420.0	205	0.18	0.68	378.0	206	0.28	1.05	377.0
	207	0.15	0.64	420.0	208	0.13	0.51	378.0	209	0.20	0.77	377.0
	210	0.10	0.41	420.0	211	0.29	1.10	378.0	212	0.20	0.74	377.0
	213	0.09	0.36	420.0	214	0.29	1.11	378.0	215	0.30	1.15	377.0
	227	2.08	0.61	29.5	228	2.08	0.61	29.5	229	2.09	0.62	29.5
	230	2.11	0.62	29.5	231	2.13	0.63	29.5	232	2.09	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.94	0.57	29.5
	236	1.89	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.76	0.52	29.5	240	1.73	0.51	29.5	241	0.30	0.73	241.0
	242	0.05	0.02	33.4	243	0.14	0.07	46.9	244	0.18	0.09	46.9
	245	0.11	0.02	20.6								
229	4	0.32	1.22	378.0	6	0.38	1.43	377.0	7	0.32	1.36	420.0
	8	0.50	2.12	420.0	9	0.43	1.80	420.0	10	0.41	1.72	420.0
	11	0.37	1.55	420.0	12	0.35	1.49	420.0	13	0.31	1.29	420.0
	14	0.38	1.61	420.0	15	0.41	1.72	420.0	16	0.44	1.85	420.0
	17	0.40	1.68	420.0	18	0.29	1.23	420.0	19	0.34	1.45	420.0
	20	0.33	1.37	420.0	21	0.27	1.12	420.0	22	0.25	1.07	420.0
	23	0.29	1.22	420.0	24	0.28	1.19	420.0	25	0.28	1.17	420.0
	27	0.42	1.62	390.5	28	0.31	1.29	420.0	29	0.32	1.35	420.0
	30	0.33	1.38	420.0	31	0.31	1.31	420.0	33	0.51	1.99	386.9
	34	0.49	1.89	386.9	35	0.50	2.08	420.0	36	0.46	1.94	420.0
	45	1.91	0.39	20.6	46	1.67	0.34	20.6	47	1.42	0.29	20.6

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	48	1.17	0.24	20.6	49	0.93	0.19	20.6	50	0.70	0.14	20.6
	51	0.47	0.10	20.6	52	0.31	0.06	20.6	82	1.53	0.45	29.5
	83	1.35	0.40	29.5	84	1.18	0.35	29.5	85	1.03	0.30	29.5
	86	0.90	0.27	29.5	87	0.82	0.24	29.5	88	0.79	0.23	29.5
	89	1.72	0.51	29.5	90	0.41	1.55	378.0	91	0.32	1.21	378.0
	92	0.33	1.23	378.0	93	0.35	1.31	378.0	94	0.43	1.61	378.0
	95	0.46	1.73	378.0	96	0.46	1.72	378.0	97	0.50	1.90	378.0
	98	0.48	1.81	378.0	99	0.45	1.70	378.0	100	0.42	1.60	378.0
	101	0.37	1.40	378.0	102	0.34	1.28	378.0	103	0.32	1.22	378.0
	104	0.32	1.20	378.0	105	0.36	1.36	378.0	106	0.33	1.26	378.0
	107	0.37	1.40	378.0	108	0.37	1.31	357.4	109	0.43	1.64	378.0
	110	0.27	0.06	20.6	111	0.50	1.86	368.1	112	0.62	2.27	368.1
	113	0.46	1.95	420.0	114	0.45	1.90	420.0	133	0.82	0.24	29.5
	134	0.89	0.26	29.5	135	0.87	0.26	29.5	136	0.83	0.25	29.5
	137	0.80	0.24	29.5	138	0.83	0.24	29.5	139	0.90	0.26	29.5
	140	0.97	0.29	29.5	142	0.60	2.19	368.1	143	0.45	1.88	420.0
	147	0.42	1.60	377.0	148	0.43	1.61	377.0	149	0.43	1.61	377.0
	150	0.42	1.60	377.0	151	0.42	1.58	377.0	152	0.56	2.10	377.0
	153	0.40	1.52	377.0	154	0.40	1.50	377.0	155	0.39	1.46	377.0
	156	0.40	1.50	377.0	157	0.41	1.53	377.0	158	0.41	1.53	377.0
	159	0.39	0.03	8.9	160	0.42	1.59	377.0	167	1.70	0.50	29.5
	168	1.56	0.46	29.5	169	1.44	0.43	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.89	0.26	29.5	173	0.72	0.21	29.5
	174	0.57	0.17	29.5	175	0.81	0.24	29.5	176	0.28	0.06	20.6
	177	0.30	0.06	20.6	178	0.31	0.06	20.6	179	0.33	0.07	20.6
	180	0.34	0.07	20.6	181	0.36	0.08	20.6	182	2.40	0.49	20.6
	183	2.51	0.52	20.6	184	2.59	0.53	20.6	185	2.67	0.55	20.6
	186	2.74	0.57	20.6	187	2.40	0.50	20.6	188	2.15	0.44	20.6
	191	0.45	0.13	29.5	192	0.40	0.12	29.5	195	0.39	0.08	20.6
	196	0.41	0.08	20.6	199	0.66	0.19	29.5	200	0.53	0.16	29.5
	201	0.40	1.69	420.0	202	0.41	1.54	378.0	203	0.43	1.60	377.0
	204	0.30	1.27	420.0	205	0.25	0.95	378.0	206	0.51	1.94	377.0
	207	0.25	1.07	420.0	208	0.19	0.71	378.0	209	0.57	2.13	377.0
	210	0.22	0.91	420.0	211	0.12	0.44	378.0	212	0.72	2.71	377.0
	213	0.24	1.01	420.0	214	0.14	0.54	378.0	215	0.68	2.56	377.0
	227	2.11	0.62	29.5	228	2.11	0.62	29.5	229	2.11	0.62	29.5
	230	2.12	0.63	29.5	231	2.13	0.63	29.5	232	2.09	0.62	29.5
	233	2.03	0.60	29.5	234	1.99	0.59	29.5	235	1.94	0.57	29.5
	236	1.89	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.77	0.52	29.5	240	1.73	0.51	29.5	241	0.45	1.08	241.0
	242	0.38	0.13	33.4	243	0.40	0.19	46.9	244	0.41	0.19	46.9
	245	0.37	0.08	20.6								
230	4	0.12	0.45	378.0	6	0.17	0.64	377.0	7	0.16	0.69	420.0
	8	0.16	0.68	420.0	9	0.17	0.70	420.0	10	0.17	0.71	420.0
	11	0.19	0.78	420.0	12	0.19	0.81	420.0	13	0.18	0.75	420.0
	14	0.14	0.60	420.0	15	0.15	0.62	420.0	16	0.08	0.34	420.0
	17	0.14	0.58	420.0	18	0.16	0.69	420.0	19	0.08	0.32	420.0
	20	0.07	0.28	420.0	21	0.13	0.56	420.0	22	0.13	0.56	420.0
	23	0.13	0.57	420.0	24	0.16	0.68	420.0	25	0.16	0.69	420.0
	27	0.15	0.58	390.5	28	0.07	0.28	420.0	29	0.06	0.27	420.0
	30	0.06	0.26	420.0	31	0.16	0.66	420.0	33	0.18	0.70	386.9
	34	0.18	0.68	386.9	35	0.11	0.46	420.0	36	0.09	0.38	420.0
	45	1.88	0.39	20.6	46	1.64	0.34	20.6	47	1.38	0.29	20.6
	48	1.13	0.23	20.6	49	0.88	0.18	20.6	50	0.63	0.13	20.6
	51	0.39	0.08	20.6	52	0.20	0.04	20.6	82	3.16	0.93	29.5
	83	2.98	0.88	29.5	84	2.81	0.83	29.5	85	2.63	0.78	29.5
	86	2.45	0.72	29.5	87	2.28	0.67	29.5	88	2.10	0.62	29.5
	89	3.34	0.98	29.5	90	0.16	0.62	378.0	91	0.19	0.70	378.0
	92	0.18	0.70	378.0	93	0.17	0.66	378.0	94	0.16	0.62	378.0
	95	0.17	0.64	378.0	96	0.16	0.61	378.0	97	0.18	0.67	378.0
	98	0.14	0.53	378.0	99	0.13	0.51	378.0	100	0.15	0.57	378.0
	101	0.15	0.57	378.0	102	0.15	0.56	378.0	103	0.15	0.56	378.0
	104	0.15	0.56	378.0	105	0.12	0.47	378.0	106	0.13	0.48	378.0
	107	0.05	0.19	378.0	108	0.06	0.21	357.4	109	0.13	0.49	378.0
	110	0.12	0.02	20.6	111	0.09	0.32	368.1	112	0.19	0.70	368.1
	113	0.16	0.69	420.0	114	0.15	0.65	420.0	133	1.93	0.57	29.5
	134	1.78	0.53	29.5	135	1.58	0.47	29.5	136	1.47	0.43	29.5
	137	1.28	0.38	29.5	138	1.10	0.32	29.5	139	0.92	0.27	29.5
	140	0.75	0.22	29.5	142	0.22	0.80	368.1	143	0.15	0.62	420.0
	147	0.17	0.64	377.0	148	0.18	0.70	377.0	149	0.15	0.55	377.0
	150	0.14	0.52	377.0	151	0.16	0.61	377.0	152	0.23	0.87	377.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	153	0.18	0.68	377.0	154	0.19	0.72	377.0	155	0.19	0.73	377.0
	156	0.12	0.47	377.0	157	0.15	0.58	377.0	158	0.04	0.14	377.0
	159	0.18	0.02	8.9	160	0.13	0.50	377.0	167	0.19	0.06	29.5
	168	0.28	0.08	29.5	169	0.37	0.11	29.5	170	0.55	0.16	29.5
	171	0.74	0.22	29.5	172	0.91	0.27	29.5	173	0.74	0.22	29.5
	174	0.55	0.16	29.5	175	0.57	0.17	29.5	176	0.11	0.02	20.6
	177	0.10	0.02	20.6	178	0.09	0.02	20.6	179	0.08	0.02	20.6
	180	0.07	0.01	20.6	181	0.06	0.01	20.6	182	3.04	0.63	20.6
	183	2.94	0.61	20.6	184	2.87	0.59	20.6	185	2.80	0.58	20.6
	186	2.74	0.57	20.6	187	2.39	0.49	20.6	188	2.13	0.44	20.6
	191	0.36	0.11	29.5	192	0.17	0.05	29.5	195	0.06	0.01	20.6
	196	0.06	0.01	20.6	199	0.40	0.12	29.5	200	0.24	0.07	29.5
	201	0.06	0.23	420.0	202	0.12	0.45	378.0	203	0.12	0.47	377.0
	204	0.07	0.30	420.0	205	0.23	0.87	378.0	206	0.26	0.96	377.0
	207	0.07	0.29	420.0	208	0.24	0.89	378.0	209	0.32	1.21	377.0
	210	0.14	0.61	420.0	211	0.38	1.44	378.0	212	0.53	2.01	377.0
	213	0.14	0.57	420.0	214	0.37	1.40	378.0	215	0.50	1.87	377.0
	227	0.38	0.11	29.5	228	0.39	0.11	29.5	229	0.40	0.12	29.5
	230	0.42	0.12	29.5	231	0.44	0.13	29.5	232	0.41	0.12	29.5
	233	0.37	0.11	29.5	234	0.33	0.10	29.5	235	0.29	0.09	29.5
	236	0.26	0.08	29.5	237	0.23	0.07	29.5	238	0.21	0.06	29.5
	239	0.20	0.06	29.5	240	0.19	0.06	29.5	241	0.24	0.58	241.0
	242	0.02	5.92e-03	33.4	243	0.16	0.07	46.9	244	0.20	0.09	46.9
	245	0.11	0.02	20.6								
231	4	0.45	1.69	378.0	6	0.49	1.86	377.0	7	0.36	1.51	420.0
	8	0.40	1.69	420.0	9	0.37	1.56	420.0	10	0.35	1.47	420.0
	11	0.36	1.53	420.0	12	0.35	1.48	420.0	13	0.36	1.50	420.0
	14	0.34	1.41	420.0	15	0.37	1.54	420.0	16	0.39	1.64	420.0
	17	0.37	1.54	420.0	18	0.41	1.73	420.0	19	0.38	1.59	420.0
	20	0.38	1.61	420.0	21	0.36	1.53	420.0	22	0.37	1.57	420.0
	23	0.36	1.51	420.0	24	0.36	1.53	420.0	25	0.37	1.54	420.0
	27	0.35	1.36	390.5	28	0.40	1.69	420.0	29	0.39	1.63	420.0
	30	0.39	1.65	420.0	31	0.36	1.51	420.0	33	0.52	1.99	386.9
	34	0.46	1.76	386.9	35	0.41	1.71	420.0	36	0.40	1.67	420.0
	45	1.95	0.40	20.6	46	1.72	0.35	20.6	47	1.47	0.30	20.6
	48	1.23	0.25	20.6	49	1.00	0.21	20.6	50	0.76	0.16	20.6
	51	0.54	0.11	20.6	52	0.37	0.08	20.6	82	3.14	0.93	29.5
	83	2.97	0.88	29.5	84	2.81	0.83	29.5	85	2.65	0.78	29.5
	86	2.50	0.74	29.5	87	2.36	0.69	29.5	88	2.22	0.65	29.5
	89	3.31	0.98	29.5	90	0.37	1.42	378.0	91	0.43	1.62	378.0
	92	0.42	1.60	378.0	93	0.41	1.55	378.0	94	0.39	1.48	378.0
	95	0.40	1.51	378.0	96	0.40	1.51	378.0	97	0.41	1.56	378.0
	98	0.41	1.56	378.0	99	0.40	1.53	378.0	100	0.39	1.48	378.0
	101	0.41	1.55	378.0	102	0.41	1.55	378.0	103	0.42	1.59	378.0
	104	0.44	1.66	378.0	105	0.42	1.57	378.0	106	0.41	1.55	378.0
	107	0.43	1.62	378.0	108	0.45	1.62	357.4	109	0.40	1.51	378.0
	110	0.31	0.06	20.6	111	0.48	1.78	368.1	112	0.60	2.22	368.1
	113	0.39	1.62	420.0	114	0.38	1.62	420.0	133	2.10	0.62	29.5
	134	2.00	0.59	29.5	135	1.82	0.54	29.5	136	1.71	0.50	29.5
	137	1.52	0.45	29.5	138	1.33	0.39	29.5	139	1.16	0.34	29.5
	140	0.99	0.29	29.5	142	0.61	2.26	368.1	143	0.38	1.61	420.0
	147	0.39	1.46	377.0	148	0.37	1.40	377.0	149	0.38	1.44	377.0
	150	0.39	1.47	377.0	151	0.40	1.50	377.0	152	0.29	1.08	377.0
	153	0.47	1.76	377.0	154	0.49	1.84	377.0	155	0.50	1.88	377.0
	156	0.44	1.67	377.0	157	0.47	1.78	377.0	158	0.45	1.70	377.0
	159	0.40	0.04	8.9	160	0.39	1.49	377.0	167	1.63	0.48	29.5
	168	1.48	0.44	29.5	169	1.37	0.40	29.5	170	1.19	0.35	29.5
	171	1.00	0.30	29.5	172	0.83	0.25	29.5	173	0.67	0.20	29.5
	174	0.52	0.15	29.5	175	0.82	0.24	29.5	176	0.31	0.06	20.6
	177	0.32	0.07	20.6	178	0.34	0.07	20.6	179	0.35	0.07	20.6
	180	0.36	0.07	20.6	181	0.37	0.08	20.6	182	3.10	0.64	20.6
	183	3.00	0.62	20.6	184	2.92	0.60	20.6	185	2.85	0.59	20.6
	186	2.79	0.57	20.6	187	2.44	0.50	20.6	188	2.19	0.45	20.6
	191	0.41	0.12	29.5	192	0.36	0.11	29.5	195	0.39	0.08	20.6
	196	0.40	0.08	20.6	199	0.67	0.20	29.5	200	0.53	0.16	29.5
	201	0.36	1.50	420.0	202	0.38	1.44	378.0	203	0.41	1.53	377.0
	204	0.39	1.65	420.0	205	0.34	1.29	378.0	206	0.55	2.06	377.0
	207	0.39	1.62	420.0	208	0.32	1.20	378.0	209	0.64	2.40	377.0
	210	0.35	1.48	420.0	211	0.23	0.87	378.0	212	0.75	2.83	377.0
	213	0.36	1.53	420.0	214	0.25	0.94	378.0	215	0.70	2.63	377.0
	227	2.04	0.60	29.5	228	2.04	0.60	29.5	229	2.04	0.60	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	230	2.05	0.60	29.5	231	2.06	0.61	29.5	232	2.01	0.59	29.5
	233	1.96	0.58	29.5	234	1.91	0.56	29.5	235	1.86	0.55	29.5
	236	1.81	0.54	29.5	237	1.77	0.52	29.5	238	1.73	0.51	29.5
	239	1.69	0.50	29.5	240	1.65	0.49	29.5	241	0.51	1.22	241.0
	242	0.41	0.14	33.4	243	0.42	0.20	46.9	244	0.42	0.19	46.9
	245	0.38	0.08	20.6								
232	4	0.22	0.83	378.0	6	0.27	1.02	377.0	7	0.28	1.19	420.0
	8	0.29	1.23	420.0	9	0.30	1.26	420.0	10	0.32	1.34	420.0
	11	0.34	1.42	420.0	12	0.37	1.53	420.0	13	0.32	1.34	420.0
	14	0.26	1.09	420.0	15	0.26	1.08	420.0	16	0.32	1.36	420.0
	17	0.23	0.97	420.0	18	0.21	0.89	420.0	19	0.31	1.28	420.0
	20	0.32	1.33	420.0	21	0.21	0.88	420.0	22	0.22	0.93	420.0
	23	0.21	0.88	420.0	24	0.28	1.17	420.0	25	0.29	1.20	420.0
	27	0.17	0.68	390.5	28	0.31	1.32	420.0	29	0.07	0.28	420.0
	30	0.06	0.23	420.0	31	0.26	1.11	420.0	33	0.16	0.63	386.9
	34	0.22	0.85	386.9	35	0.35	1.45	420.0	36	0.33	1.40	420.0
	45	1.93	0.40	20.6	46	1.69	0.35	20.6	47	1.44	0.30	20.6
	48	1.19	0.25	20.6	49	0.94	0.19	20.6	50	0.70	0.14	20.6
	51	0.45	0.09	20.6	52	0.26	0.05	20.6	82	1.30	0.38	29.5
	83	1.12	0.33	29.5	84	0.94	0.28	29.5	85	0.75	0.22	29.5
	86	0.57	0.17	29.5	87	0.39	0.12	29.5	88	0.23	0.07	29.5
	89	1.48	0.44	29.5	90	0.27	1.01	378.0	91	0.32	1.20	378.0
	92	0.31	1.17	378.0	93	0.28	1.06	378.0	94	0.27	1.00	378.0
	95	0.28	1.04	378.0	96	0.26	0.98	378.0	97	0.30	1.13	378.0
	98	0.23	0.88	378.0	99	0.21	0.81	378.0	100	0.24	0.90	378.0
	101	0.23	0.86	378.0	102	0.23	0.88	378.0	103	0.24	0.92	378.0
	104	0.26	0.97	378.0	105	0.19	0.70	378.0	106	0.20	0.74	378.0
	107	0.09	0.34	378.0	108	0.45	1.60	357.4	109	0.20	0.76	378.0
	110	0.16	0.03	20.6	111	0.26	0.97	368.1	112	0.45	1.66	368.1
	113	0.29	1.23	420.0	114	0.27	1.13	420.0	133	0.11	0.03	29.5
	134	0.17	0.05	29.5	135	0.35	0.10	29.5	136	0.46	0.14	29.5
	137	0.64	0.19	29.5	138	0.82	0.24	29.5	139	0.97	0.28	29.5
	140	0.79	0.23	29.5	142	0.46	1.69	368.1	143	0.26	1.07	420.0
	147	0.25	0.93	377.0	148	0.27	1.03	377.0	149	0.22	0.83	377.0
	150	0.20	0.77	377.0	151	0.23	0.87	377.0	152	0.26	0.99	377.0
	153	0.25	0.93	377.0	154	0.29	1.09	377.0	155	0.31	1.15	377.0
	156	0.18	0.69	377.0	157	0.21	0.81	377.0	158	0.10	0.36	377.0
	159	0.17	0.01	8.9	160	0.19	0.73	377.0	167	1.70	0.50	29.5
	168	1.55	0.46	29.5	169	1.44	0.42	29.5	170	1.24	0.37	29.5
	171	1.05	0.31	29.5	172	0.86	0.25	29.5	173	0.68	0.20	29.5
	174	0.49	0.15	29.5	175	0.62	0.18	29.5	176	0.15	0.03	20.6
	177	0.14	0.03	20.6	178	0.14	0.03	20.6	179	0.13	0.03	20.6
	180	0.12	0.03	20.6	181	0.12	0.02	20.6	182	2.94	0.61	20.6
	183	2.98	0.61	20.6	184	2.90	0.60	20.6	185	2.83	0.58	20.6
	186	2.78	0.57	20.6	187	2.43	0.50	20.6	188	2.18	0.45	20.6
	191	0.30	0.09	29.5	192	0.12	0.04	29.5	195	0.12	0.02	20.6
	196	0.12	0.03	20.6	199	0.45	0.13	29.5	200	0.30	0.09	29.5
	201	0.31	1.31	420.0	202	0.19	0.70	378.0	203	0.18	0.66	377.0
	204	0.06	0.25	420.0	205	0.18	0.67	378.0	206	0.26	0.98	377.0
	207	0.04	0.18	420.0	208	0.11	0.42	378.0	209	0.24	0.91	377.0
	210	0.05	0.23	420.0	211	0.29	1.09	378.0	212	0.17	0.62	377.0
	213	0.06	0.26	420.0	214	0.29	1.10	378.0	215	0.28	1.05	377.0
	227	2.08	0.61	29.5	228	2.09	0.62	29.5	229	2.10	0.62	29.5
	230	2.11	0.62	29.5	231	2.13	0.63	29.5	232	2.09	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.94	0.57	29.5
	236	1.90	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.77	0.52	29.5	240	1.73	0.51	29.5	241	0.30	0.72	241.0
	242	0.05	0.02	33.4	243	0.14	0.07	46.9	244	0.18	0.09	46.9
	245	0.11	0.02	20.6								
233	4	0.32	1.22	378.0	6	0.38	1.44	377.0	7	0.33	1.38	420.0
	8	0.51	2.14	420.0	9	0.43	1.81	420.0	10	0.41	1.73	420.0
	11	0.37	1.56	420.0	12	0.36	1.50	420.0	13	0.31	1.30	420.0
	14	0.39	1.62	420.0	15	0.41	1.73	420.0	16	0.44	1.86	420.0
	17	0.40	1.70	420.0	18	0.30	1.24	420.0	19	0.35	1.46	420.0
	20	0.33	1.38	420.0	21	0.27	1.13	420.0	22	0.26	1.08	420.0
	23	0.29	1.24	420.0	24	0.29	1.20	420.0	25	0.28	1.18	420.0
	27	0.42	1.64	390.5	28	0.31	1.30	420.0	29	0.33	1.37	420.0
	30	0.33	1.39	420.0	31	0.31	1.32	420.0	33	0.52	2.01	386.9
	34	0.49	1.91	386.9	35	0.50	2.10	420.0	36	0.46	1.95	420.0
	45	1.91	0.39	20.6	46	1.67	0.34	20.6	47	1.42	0.29	20.6
	48	1.18	0.24	20.6	49	0.94	0.19	20.6	50	0.70	0.14	20.6

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	51	0.48	0.10	20.6	52	0.32	0.07	20.6	82	1.52	0.45	29.5
	83	1.34	0.40	29.5	84	1.18	0.35	29.5	85	1.02	0.30	29.5
	86	0.90	0.26	29.5	87	0.81	0.24	29.5	88	0.79	0.23	29.5
	89	1.71	0.50	29.5	90	0.41	1.56	378.0	91	0.32	1.22	378.0
	92	0.33	1.24	378.0	93	0.35	1.32	378.0	94	0.43	1.63	378.0
	95	0.46	1.75	378.0	96	0.46	1.74	378.0	97	0.51	1.92	378.0
	98	0.48	1.83	378.0	99	0.45	1.72	378.0	100	0.43	1.61	378.0
	101	0.37	1.41	378.0	102	0.34	1.29	378.0	103	0.32	1.23	378.0
	104	0.32	1.21	378.0	105	0.36	1.37	378.0	106	0.34	1.27	378.0
	107	0.37	1.41	378.0	108	0.37	1.32	357.4	109	0.44	1.65	378.0
	110	0.28	0.06	20.6	111	0.51	1.87	368.1	112	0.62	2.28	368.1
	113	0.47	1.96	420.0	114	0.46	1.92	420.0	133	0.82	0.24	29.5
	134	0.89	0.26	29.5	135	0.88	0.26	29.5	136	0.84	0.25	29.5
	137	0.81	0.24	29.5	138	0.84	0.25	29.5	139	0.90	0.27	29.5
	140	0.97	0.29	29.5	142	0.60	2.21	368.1	143	0.45	1.90	420.0
	147	0.43	1.61	377.0	148	0.43	1.62	377.0	149	0.43	1.62	377.0
	150	0.43	1.61	377.0	151	0.42	1.60	377.0	152	0.56	2.11	377.0
	153	0.41	1.54	377.0	154	0.40	1.51	377.0	155	0.39	1.47	377.0
	156	0.40	1.52	377.0	157	0.41	1.55	377.0	158	0.41	1.54	377.0
	159	0.39	0.04	8.9	160	0.43	1.60	377.0	167	1.70	0.50	29.5
	168	1.56	0.46	29.5	169	1.44	0.43	29.5	170	1.25	0.37	29.5
	171	1.06	0.31	29.5	172	0.89	0.26	29.5	173	0.72	0.21	29.5
	174	0.57	0.17	29.5	175	0.81	0.24	29.5	176	0.29	0.06	20.6
	177	0.30	0.06	20.6	178	0.32	0.07	20.6	179	0.33	0.07	20.6
	180	0.35	0.07	20.6	181	0.37	0.08	20.6	182	2.42	0.50	20.6
	183	2.53	0.52	20.6	184	2.61	0.54	20.6	185	2.69	0.55	20.6
	186	2.75	0.57	20.6	187	2.40	0.50	20.6	188	2.15	0.44	20.6
	191	0.45	0.13	29.5	192	0.40	0.12	29.5	195	0.39	0.08	20.6
	196	0.42	0.09	20.6	199	0.66	0.19	29.5	200	0.53	0.16	29.5
	201	0.40	1.70	420.0	202	0.41	1.55	378.0	203	0.43	1.62	377.0
	204	0.31	1.28	420.0	205	0.26	0.97	378.0	206	0.52	1.95	377.0
	207	0.26	1.08	420.0	208	0.19	0.72	378.0	209	0.57	2.14	377.0
	210	0.22	0.92	420.0	211	0.12	0.45	378.0	212	0.72	2.72	377.0
	213	0.24	1.03	420.0	214	0.15	0.55	378.0	215	0.68	2.56	377.0
	227	2.11	0.62	29.5	228	2.11	0.62	29.5	229	2.11	0.62	29.5
	230	2.12	0.62	29.5	231	2.13	0.63	29.5	232	2.08	0.61	29.5
	233	2.03	0.60	29.5	234	1.98	0.58	29.5	235	1.94	0.57	29.5
	236	1.89	0.56	29.5	237	1.85	0.54	29.5	238	1.80	0.53	29.5
	239	1.76	0.52	29.5	240	1.73	0.51	29.5	241	0.45	1.09	241.0
	242	0.39	0.13	33.4	243	0.40	0.19	46.9	244	0.41	0.19	46.9
	245	0.37	0.08	20.6								
234	4	0.12	0.45	378.0	6	0.17	0.65	377.0	7	0.16	0.69	420.0
	8	0.16	0.67	420.0	9	0.16	0.69	420.0	10	0.17	0.71	420.0
	11	0.18	0.77	420.0	12	0.19	0.81	420.0	13	0.18	0.75	420.0
	14	0.14	0.60	420.0	15	0.15	0.62	420.0	16	0.08	0.33	420.0
	17	0.14	0.57	420.0	18	0.16	0.68	420.0	19	0.07	0.30	420.0
	20	0.06	0.27	420.0	21	0.13	0.56	420.0	22	0.13	0.55	420.0
	23	0.13	0.56	420.0	24	0.16	0.68	420.0	25	0.16	0.68	420.0
	27	0.15	0.57	390.5	28	0.06	0.27	420.0	29	0.06	0.26	420.0
	30	0.06	0.25	420.0	31	0.16	0.65	420.0	33	0.18	0.69	386.9
	34	0.17	0.67	386.9	35	0.11	0.45	420.0	36	0.09	0.37	420.0
	45	1.88	0.39	20.6	46	1.64	0.34	20.6	47	1.38	0.29	20.6
	48	1.13	0.23	20.6	49	0.88	0.18	20.6	50	0.63	0.13	20.6
	51	0.39	0.08	20.6	52	0.20	0.04	20.6	82	3.15	0.93	29.5
	83	2.98	0.88	29.5	84	2.81	0.83	29.5	85	2.63	0.77	29.5
	86	2.45	0.72	29.5	87	2.27	0.67	29.5	88	2.10	0.62	29.5
	89	3.33	0.98	29.5	90	0.16	0.62	378.0	91	0.18	0.70	378.0
	92	0.18	0.69	378.0	93	0.17	0.65	378.0	94	0.16	0.62	378.0
	95	0.17	0.63	378.0	96	0.16	0.60	378.0	97	0.17	0.65	378.0
	98	0.14	0.52	378.0	99	0.13	0.50	378.0	100	0.15	0.57	378.0
	101	0.15	0.56	378.0	102	0.15	0.55	378.0	103	0.15	0.56	378.0
	104	0.15	0.56	378.0	105	0.12	0.46	378.0	106	0.13	0.47	378.0
	107	0.05	0.18	378.0	108	0.06	0.21	357.4	109	0.13	0.48	378.0
	110	0.13	0.03	20.6	111	0.08	0.31	368.1	112	0.19	0.69	368.1
	113	0.16	0.68	420.0	114	0.15	0.64	420.0	133	1.93	0.57	29.5
	134	1.78	0.52	29.5	135	1.57	0.46	29.5	136	1.47	0.43	29.5
	137	1.28	0.38	29.5	138	1.10	0.32	29.5	139	0.92	0.27	29.5
	140	0.75	0.22	29.5	142	0.21	0.79	368.1	143	0.15	0.62	420.0
	147	0.17	0.64	377.0	148	0.18	0.69	377.0	149	0.14	0.54	377.0
	150	0.14	0.52	377.0	151	0.16	0.61	377.0	152	0.23	0.88	377.0
	153	0.18	0.69	377.0	154	0.19	0.72	377.0	155	0.20	0.74	377.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	156	0.13	0.47	377.0	157	0.15	0.58	377.0	158	0.04	0.15	377.0
	159	0.18	0.02	8.9	160	0.13	0.49	377.0	167	0.19	0.06	29.5
	168	0.27	0.08	29.5	169	0.36	0.11	29.5	170	0.54	0.16	29.5
	171	0.73	0.21	29.5	172	0.90	0.27	29.5	173	0.74	0.22	29.5
	174	0.55	0.16	29.5	175	0.57	0.17	29.5	176	0.12	0.02	20.6
	177	0.11	0.02	20.6	178	0.10	0.02	20.6	179	0.09	0.02	20.6
	180	0.08	0.02	20.6	181	0.07	0.01	20.6	182	3.04	0.63	20.6
	183	2.94	0.61	20.6	184	2.87	0.59	20.6	185	2.80	0.58	20.6
	186	2.74	0.57	20.6	187	2.39	0.49	20.6	188	2.13	0.44	20.6
	191	0.36	0.11	29.5	192	0.17	0.05	29.5	195	0.06	0.01	20.6
	196	0.06	0.01	20.6	199	0.40	0.12	29.5	200	0.23	0.07	29.5
	201	0.05	0.22	420.0	202	0.12	0.45	378.0	203	0.13	0.47	377.0
	204	0.07	0.29	420.0	205	0.22	0.85	378.0	206	0.26	0.97	377.0
	207	0.07	0.28	420.0	208	0.23	0.88	378.0	209	0.32	1.22	377.0
	210	0.14	0.60	420.0	211	0.38	1.43	378.0	212	0.54	2.02	377.0
	213	0.13	0.56	420.0	214	0.37	1.38	378.0	215	0.50	1.88	377.0
	227	0.39	0.11	29.5	228	0.40	0.12	29.5	229	0.41	0.12	29.5
	230	0.43	0.13	29.5	231	0.45	0.13	29.5	232	0.42	0.12	29.5
	233	0.37	0.11	29.5	234	0.33	0.10	29.5	235	0.30	0.09	29.5
	236	0.27	0.08	29.5	237	0.24	0.07	29.5	238	0.22	0.06	29.5
	239	0.20	0.06	29.5	240	0.19	0.06	29.5	241	0.24	0.57	241.0
	242	0.02	6.67e-03	33.4	243	0.16	0.07	46.9	244	0.20	0.09	46.9
	245	0.12	0.02	20.6								
235	4	0.45	1.70	378.0	6	0.50	1.87	377.0	7	0.36	1.52	420.0
	8	0.41	1.71	420.0	9	0.37	1.57	420.0	10	0.35	1.49	420.0
	11	0.37	1.55	420.0	12	0.35	1.49	420.0	13	0.36	1.51	420.0
	14	0.34	1.42	420.0	15	0.37	1.56	420.0	16	0.39	1.65	420.0
	17	0.37	1.55	420.0	18	0.41	1.74	420.0	19	0.38	1.61	420.0
	20	0.39	1.62	420.0	21	0.37	1.54	420.0	22	0.38	1.58	420.0
	23	0.36	1.53	420.0	24	0.37	1.54	420.0	25	0.37	1.56	420.0
	27	0.35	1.38	390.5	28	0.41	1.70	420.0	29	0.39	1.64	420.0
	30	0.40	1.67	420.0	31	0.36	1.52	420.0	33	0.52	2.01	386.9
	34	0.46	1.78	386.9	35	0.41	1.73	420.0	36	0.40	1.68	420.0
	45	1.95	0.40	20.6	46	1.72	0.35	20.6	47	1.47	0.30	20.6
	48	1.23	0.25	20.6	49	1.00	0.21	20.6	50	0.77	0.16	20.6
	51	0.54	0.11	20.6	52	0.37	0.08	20.6	82	3.13	0.92	29.5
	83	2.97	0.88	29.5	84	2.81	0.83	29.5	85	2.65	0.78	29.5
	86	2.50	0.74	29.5	87	2.35	0.69	29.5	88	2.22	0.65	29.5
	89	3.30	0.97	29.5	90	0.38	1.43	378.0	91	0.43	1.62	378.0
	92	0.43	1.61	378.0	93	0.41	1.55	378.0	94	0.40	1.49	378.0
	95	0.40	1.52	378.0	96	0.41	1.53	378.0	97	0.42	1.58	378.0
	98	0.42	1.58	378.0	99	0.41	1.54	378.0	100	0.40	1.50	378.0
	101	0.41	1.56	378.0	102	0.41	1.56	378.0	103	0.42	1.60	378.0
	104	0.44	1.66	378.0	105	0.42	1.59	378.0	106	0.41	1.56	378.0
	107	0.43	1.64	378.0	108	0.46	1.63	357.4	109	0.40	1.53	378.0
	110	0.31	0.06	20.6	111	0.49	1.79	368.1	112	0.61	2.23	368.1
	113	0.39	1.64	420.0	114	0.39	1.63	420.0	133	2.09	0.62	29.5
	134	2.00	0.59	29.5	135	1.82	0.54	29.5	136	1.71	0.50	29.5
	137	1.52	0.45	29.5	138	1.33	0.39	29.5	139	1.16	0.34	29.5
	140	0.99	0.29	29.5	142	0.62	2.26	368.1	143	0.39	1.63	420.0
	147	0.39	1.48	377.0	148	0.38	1.41	377.0	149	0.38	1.45	377.0
	150	0.39	1.48	377.0	151	0.40	1.52	377.0	152	0.29	1.10	377.0
	153	0.47	1.78	377.0	154	0.49	1.85	377.0	155	0.50	1.90	377.0
	156	0.45	1.69	377.0	157	0.48	1.79	377.0	158	0.45	1.71	377.0
	159	0.41	0.04	8.9	160	0.40	1.50	377.0	167	1.62	0.48	29.5
	168	1.48	0.44	29.5	169	1.37	0.40	29.5	170	1.18	0.35	29.5
	171	1.00	0.30	29.5	172	0.83	0.25	29.5	173	0.67	0.20	29.5
	174	0.52	0.15	29.5	175	0.82	0.24	29.5	176	0.32	0.07	20.6
	177	0.33	0.07	20.6	178	0.34	0.07	20.6	179	0.35	0.07	20.6
	180	0.36	0.07	20.6	181	0.38	0.08	20.6	182	3.10	0.64	20.6
	183	3.00	0.62	20.6	184	2.92	0.60	20.6	185	2.85	0.59	20.6
	186	2.78	0.57	20.6	187	2.44	0.50	20.6	188	2.19	0.45	20.6
	191	0.41	0.12	29.5	192	0.37	0.11	29.5	195	0.39	0.08	20.6
	196	0.41	0.08	20.6	199	0.67	0.20	29.5	200	0.53	0.16	29.5
	201	0.36	1.51	420.0	202	0.39	1.46	378.0	203	0.41	1.55	377.0
	204	0.40	1.66	420.0	205	0.34	1.30	378.0	206	0.55	2.07	377.0
	207	0.39	1.63	420.0	208	0.32	1.21	378.0	209	0.64	2.41	377.0
	210	0.36	1.49	420.0	211	0.23	0.89	378.0	212	0.75	2.84	377.0
	213	0.37	1.54	420.0	214	0.25	0.96	378.0	215	0.70	2.64	377.0
	227	2.03	0.60	29.5	228	2.03	0.60	29.5	229	2.04	0.60	29.5
	230	2.04	0.60	29.5	231	2.05	0.61	29.5	232	2.00	0.59	29.5

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	233	1.95	0.58	29.5	234	1.90	0.56	29.5	235	1.86	0.55	29.5
	236	1.81	0.53	29.5	237	1.77	0.52	29.5	238	1.73	0.51	29.5
	239	1.69	0.50	29.5	240	1.65	0.49	29.5	241	0.51	1.23	241.0
	242	0.42	0.14	33.4	243	0.42	0.20	46.9	244	0.42	0.20	46.9
	245	0.39	0.08	20.6								
236	4	0.22	0.83	378.0	6	0.27	1.03	377.0	7	0.28	1.19	420.0
	8	0.29	1.22	420.0	9	0.30	1.25	420.0	10	0.32	1.33	420.0
	11	0.34	1.42	420.0	12	0.37	1.53	420.0	13	0.32	1.35	420.0
	14	0.26	1.08	420.0	15	0.26	1.07	420.0	16	0.32	1.36	420.0
	17	0.23	0.96	420.0	18	0.21	0.89	420.0	19	0.31	1.28	420.0
	20	0.32	1.33	420.0	21	0.21	0.88	420.0	22	0.22	0.93	420.0
	23	0.21	0.89	420.0	24	0.28	1.17	420.0	25	0.29	1.21	420.0
	27	0.17	0.66	390.5	28	0.32	1.33	420.0	29	0.07	0.28	420.0
	30	0.05	0.23	420.0	31	0.26	1.11	420.0	33	0.16	0.62	386.9
	34	0.22	0.84	386.9	35	0.34	1.44	420.0	36	0.33	1.39	420.0
	45	1.93	0.40	20.6	46	1.69	0.35	20.6	47	1.44	0.30	20.6
	48	1.19	0.25	20.6	49	0.94	0.19	20.6	50	0.70	0.14	20.6
	51	0.46	0.09	20.6	52	0.26	0.05	20.6	82	1.29	0.38	29.5
	83	1.11	0.33	29.5	84	0.93	0.27	29.5	85	0.75	0.22	29.5
	86	0.57	0.17	29.5	87	0.39	0.12	29.5	88	0.23	0.07	29.5
	89	1.48	0.44	29.5	90	0.27	1.00	378.0	91	0.32	1.19	378.0
	92	0.31	1.17	378.0	93	0.28	1.06	378.0	94	0.26	0.99	378.0
	95	0.27	1.03	378.0	96	0.26	0.97	378.0	97	0.29	1.11	378.0
	98	0.23	0.87	378.0	99	0.21	0.80	378.0	100	0.24	0.90	378.0
	101	0.23	0.86	378.0	102	0.23	0.88	378.0	103	0.24	0.92	378.0
	104	0.26	0.97	378.0	105	0.19	0.70	378.0	106	0.20	0.74	378.0
	107	0.09	0.35	378.0	108	0.45	1.60	357.4	109	0.20	0.75	378.0
	110	0.16	0.03	20.6	111	0.26	0.96	368.1	112	0.45	1.65	368.1
	113	0.29	1.22	420.0	114	0.27	1.12	420.0	133	0.12	0.03	29.5
	134	0.18	0.05	29.5	135	0.36	0.11	29.5	136	0.47	0.14	29.5
	137	0.64	0.19	29.5	138	0.82	0.24	29.5	139	0.96	0.28	29.5
	140	0.79	0.23	29.5	142	0.46	1.69	368.1	143	0.25	1.06	420.0
	147	0.25	0.93	377.0	148	0.27	1.03	377.0	149	0.22	0.82	377.0
	150	0.20	0.76	377.0	151	0.23	0.87	377.0	152	0.26	0.99	377.0
	153	0.25	0.95	377.0	154	0.29	1.10	377.0	155	0.31	1.16	377.0
	156	0.19	0.70	377.0	157	0.23	0.85	377.0	158	0.10	0.37	377.0
	159	0.17	0.02	8.9	160	0.19	0.73	377.0	167	1.70	0.50	29.5
	168	1.55	0.46	29.5	169	1.44	0.42	29.5	170	1.24	0.37	29.5
	171	1.05	0.31	29.5	172	0.86	0.25	29.5	173	0.68	0.20	29.5
	174	0.49	0.14	29.5	175	0.62	0.18	29.5	176	0.16	0.03	20.6
	177	0.15	0.03	20.6	178	0.14	0.03	20.6	179	0.13	0.03	20.6
	180	0.13	0.03	20.6	181	0.12	0.02	20.6	182	2.96	0.61	20.6
	183	2.97	0.61	20.6	184	2.90	0.60	20.6	185	2.83	0.58	20.6
	186	2.77	0.57	20.6	187	2.43	0.50	20.6	188	2.18	0.45	20.6
	191	0.30	0.09	29.5	192	0.12	0.04	29.5	195	0.12	0.02	20.6
	196	0.12	0.02	20.6	199	0.45	0.13	29.5	200	0.29	0.09	29.5
	201	0.31	1.31	420.0	202	0.18	0.70	378.0	203	0.18	0.66	377.0
	204	0.06	0.25	420.0	205	0.17	0.66	378.0	206	0.24	0.89	377.0
	207	0.05	0.20	420.0	208	0.10	0.40	378.0	209	0.26	0.99	377.0
	210	0.05	0.22	420.0	211	0.28	1.07	378.0	212	0.15	0.55	377.0
	213	0.06	0.25	420.0	214	0.29	1.08	378.0	215	0.25	0.96	377.0
	227	2.08	0.61	29.5	228	2.09	0.62	29.5	229	2.10	0.62	29.5
	230	2.11	0.62	29.5	231	2.13	0.63	29.5	232	2.09	0.62	29.5
	233	2.04	0.60	29.5	234	1.99	0.59	29.5	235	1.94	0.57	29.5
	236	1.90	0.56	29.5	237	1.85	0.55	29.5	238	1.81	0.53	29.5
	239	1.77	0.52	29.5	240	1.73	0.51	29.5	241	0.30	0.72	241.0
	242	0.06	0.02	33.4	243	0.14	0.07	46.9	244	0.18	0.09	46.9
	245	0.11	0.02	20.6								
Cmb		**1000 etaT/h**										
		3.35										

VERIFICA SOLETTA FONDAZIONE

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata.*

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV,** il rapporto x/d, la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento,* riportando in tabella il rapporto x/d, la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattorei di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione "*Singolo Elemento …*" è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento
Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO

Per gli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*" è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Per le verifiche degli elementi con progettazione "*Singolo Elemento …*" e *Progettazione Composta* è presente una tabella

con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e\o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e\o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria
V sec-	Verifica dell'armatura nella direzione secondaria

Per le verifiche degli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*", oltre alla tabella con le verifiche per gli elementi con progettazione "*Singolo Elemento …*", è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]

A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato Ned/(bw fyd)

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armatura in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armatura in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:
"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
1	60.00	5	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
1	ok	0.0	0.4	9.73e-03	12.7	12.7	12.7	12.7	-1.5	96.3	-48.0	-33.1	44.5	-51.3
2	ok	0.0	0.4	1.00e-02	12.7	12.7	12.7	12.7	-43.7	-20.2	39.2	-39.6	-42.5	56.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3	ok	0.0	0.8	1.73e-02	12.7	12.7	12.7	12.7	-59.0	112.5	-142.2	-149.2	-91.1	22.9
4	ok	0.0	0.9	2.29e-02	12.7	12.7	12.7	12.7	-260.0	125.1	84.7	-158.3	-93.0	3.2
5	ok	0.0	0.4	9.63e-03	12.7	12.7	12.7	12.7	0.5	91.0	-62.7	-35.9	41.8	-53.7
6	ok	0.0	0.4	9.60e-03	12.7	12.7	12.7	12.7	4.5	83.6	-95.4	-36.8	36.6	-54.0
7	ok	0.0	0.4	9.74e-03	12.7	12.7	12.7	12.7	-42.6	-23.4	37.4	-37.3	-46.9	47.9
8	ok	0.0	0.5	1.12e-02	12.7	12.7	12.7	12.7	-44.6	-27.1	37.1	-46.8	-54.2	59.9
9	ok	0.0	0.5	1.30e-02	12.7	12.7	12.7	12.7	-61.2	77.1	-103.9	-102.0	-69.3	18.2
10	ok	0.0	0.7	1.51e-02	12.7	12.7	12.7	12.7	-59.6	92.4	-121.9	-127.2	-82.1	21.5
11	ok	0.0	0.8	1.85e-02	12.7	12.7	12.7	12.7	-78.0	129.7	-137.4	-150.8	-109.6	16.5
12	ok	0.0	0.8	1.94e-02	12.7	12.7	12.7	12.7	-131.6	115.4	-99.0	-163.3	-121.2	7.5
13	ok	0.0	0.9	2.31e-02	12.7	12.7	12.7	12.7	-216.5	120.8	-34.3	-163.2	-111.8	3.1
14	ok	0.0	0.7	1.63e-02	12.7	12.7	12.7	12.7	-6.6	169.2	-52.7	-75.0	83.5	-38.1
15	ok	0.0	0.5	1.33e-02	12.7	12.7	12.7	12.7	-4.5	133.8	-80.7	-61.6	58.1	-46.8
16	ok	0.0	0.5	1.13e-02	12.7	12.7	12.7	12.7	-2.9	110.4	-74.7	-47.1	47.2	-50.5
17	ok	0.0	0.6	1.54e-02	12.7	12.7	12.7	12.7	-76.8	106.3	-116.3	-123.8	-93.3	14.9
18	ok	0.0	0.5	1.30e-02	12.7	12.7	12.7	12.7	-73.4	88.3	-98.4	-96.6	-76.4	11.6
19	ok	0.0	0.4	1.12e-02	12.7	12.7	12.7	12.7	-44.1	-30.8	34.6	-43.3	-62.2	52.3
20	ok	0.0	0.6	1.55e-02	12.7	12.7	12.7	12.7	-113.0	118.0	-102.3	-118.7	-97.1	7.9
21	ok	0.0	0.5	1.30e-02	12.7	12.7	12.7	12.7	-95.9	97.9	-87.5	-89.1	-77.7	5.2
22	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	2.5	103.8	-107.3	-55.1	33.9	-56.5
23	ok	0.0	0.6	1.59e-02	12.7	12.7	12.7	12.7	-153.4	125.4	-46.6	-111.3	-89.3	3.6
24	ok	0.0	0.5	1.32e-02	12.7	12.7	12.7	12.7	-2.3	135.8	-86.5	-67.0	50.4	-53.4
25	ok	0.0	0.5	1.12e-02	12.7	12.7	12.7	12.7	-1.2	111.8	-78.5	-51.8	43.2	-53.7
26	ok	0.0	0.4	8.80e-03	12.7	12.7	12.7	12.7	39.8	-88.4	-35.7	54.0	22.4	22.3
27	ok	0.0	0.6	1.65e-02	12.7	12.7	12.7	12.7	-33.5	90.3	-40.3	51.7	127.2	26.9
28	ok	0.0	0.4	9.04e-03	12.7	12.7	12.7	12.7	-1.2	98.1	-39.2	-16.4	47.7	-43.8
29	ok	0.0	0.4	9.80e-03	12.7	12.7	12.7	12.7	-1.9	95.0	-45.1	-27.0	46.0	-49.5
30	ok	0.0	0.9	1.96e-02	12.7	12.7	12.7	12.7	85.0	-83.5	-61.1	119.1	152.8	16.0
31	ok	0.0	0.8	1.75e-02	12.7	12.7	12.7	12.7	70.0	-87.9	-56.3	94.4	113.7	33.7
32	ok	0.0	0.6	1.31e-02	12.7	12.7	12.7	12.7	58.2	82.2	-50.6	30.6	112.1	16.5
33	ok	0.0	0.5	1.14e-02	12.7	12.7	12.7	12.7	1.7	127.1	-27.6	-25.0	81.1	-3.8
34	ok	0.0	0.4	1.03e-02	12.7	12.7	12.7	12.7	36.7	-107.3	-33.1	41.5	28.9	38.5
35	ok	0.0	0.7	1.60e-02	12.7	12.7	12.7	12.7	-5.6	161.6	-31.8	-67.0	91.8	-16.8
36	ok	0.0	0.5	1.28e-02	12.7	12.7	12.7	12.7	-4.7	136.4	-47.3	-51.4	70.1	-33.0
37	ok	0.0	0.5	1.11e-02	12.7	12.7	12.7	12.7	-3.3	114.7	-47.3	-37.6	55.0	-41.4
38	ok	0.0	0.6	1.43e-02	12.7	12.7	12.7	12.7	98.2	-61.7	-60.7	64.8	97.2	27.8
39	ok	0.0	0.5	1.21e-02	12.7	12.7	12.7	12.7	-2.3	133.4	-35.3	-38.3	77.4	-17.8
40	ok	0.0	0.4	1.05e-02	12.7	12.7	12.7	12.7	-2.0	116.2	-39.8	-23.8	60.0	-30.7
41	ok	0.0	1.0	3.25e-02	13.2	12.7	13.2	16.8	130.2	-232.5	-34.7	-135.2	-201.9	57.6
42	ok	0.0	0.8	2.24e-02	12.7	12.7	12.7	12.7	41.7	-143.7	-46.7	-78.2	-109.3	38.2
43	ok	0.0	1.0	2.69e-02	12.7	12.7	12.7	16.3	44.4	164.5	-69.1	68.6	230.9	-33.3
45	ok	0.0	0.9	3.03e-02	12.7	12.7	12.7	18.9	58.8	-191.4	-56.0	-134.1	-184.9	34.6
46	ok	0.0	1.0	2.75e-02	12.7	12.7	12.7	13.7	-21.7	150.4	22.1	92.1	206.3	-8.4
47	ok	0.0	0.7	2.30e-02	12.7	12.7	12.7	12.7	-12.6	125.2	-47.0	75.0	133.1	16.9
48	ok	0.0	0.7	2.03e-02	12.7	12.7	12.7	12.7	-27.0	105.8	-35.8	70.5	132.3	23.7
49	ok	0.0	1.0	3.22e-02	12.7	12.7	12.7	13.9	-51.0	111.2	51.0	160.7	230.7	-0.3
50	ok	0.0	0.9	2.49e-02	12.7	12.7	12.7	13.8	-91.8	114.2	-7.9	96.7	206.1	23.4
51	ok	0.0	1.0	2.98e-02	12.7	12.7	12.7	13.3	-10.1	154.0	-53.3	106.6	197.9	13.4
52	ok	0.0	0.9	2.36e-02	12.7	12.7	12.7	12.7	-52.4	111.3	-31.7	101.9	191.6	18.0
53	ok	0.0	0.7	9.11e-03	12.7	12.7	12.7	12.7	-14.1	148.8	20.1	-160.7	-79.4	-3.8
54	ok	0.0	0.9	1.90e-02	12.7	12.7	12.7	12.7	-46.5	133.4	-223.2	-203.2	-88.2	-3.6
55	ok	0.0	1.0	1.77e-02	12.7	12.7	12.7	12.7	-55.0	171.4	-227.8	-213.2	-89.1	-4.6
56	ok	0.0	0.7	1.15e-02	12.7	12.7	12.7	12.7	-44.5	175.3	-42.6	-139.9	-103.7	14.1
57	ok	0.0	0.8	1.35e-02	12.7	12.7	12.7	12.7	-70.7	159.3	-110.4	-148.6	-106.4	19.1
58	ok	0.0	1.0	1.44e-02	13.1	12.7	13.1	13.7	75.6	-41.8	-148.0	-109.3	-183.8	51.2
59	ok	0.0	1.0	1.91e-02	12.7	12.7	12.7	12.7	-86.7	231.7	-154.5	-195.8	-118.6	20.2
60	ok	0.0	0.9	2.14e-02	12.7	12.7	12.7	12.7	-84.4	160.9	-156.6	-175.9	-118.7	20.0
61	ok	0.0	1.0	2.37e-02	14.9	12.7	15.6	12.7	-126.5	217.5	-105.1	-239.5	-158.0	42.4
62	ok	0.0	1.0	2.63e-02	12.7	12.7	12.7	12.7	-136.6	152.0	-115.8	-202.0	-154.0	16.2
63	ok	0.0	1.0	2.95e-02	13.6	12.7	13.6	12.7	-218.5	200.9	-93.9	-206.5	-137.8	49.1
64	ok	0.0	0.9	2.91e-02	12.7	12.7	12.7	14.8	-154.9	-92.6	65.3	-100.1	-178.8	39.1
65	ok	0.0	1.0	2.35e-02	13.9	12.7	12.7	12.7	-124.0	42.6	-134.0	-177.9	-36.4	21.0
66	ok	0.0	0.9	1.97e-02	12.7	12.7	12.7	12.7	-200.5	-4.0	-34.2	93.9	77.4	46.1
67	ok	0.0	0.8	1.66e-02	12.7	12.7	12.7	12.7	-40.6	82.8	-190.5	-177.3	-74.1	-0.9
68	ok	0.0	0.8	1.82e-02	12.7	12.7	12.7	12.7	-62.5	87.8	-189.7	-178.2	-64.2	5.3
69	ok	0.0	1.0	2.46e-02	13.0	12.7	13.0	12.7	-101.6	61.3	-173.6	-180.7	-47.8	9.8
70	ok	0.0	0.9	2.40e-02	12.7	12.7	12.7	12.7	141.0	-32.2	94.8	140.8	74.2	32.3
72	ok	0.0	0.9	1.52e-02	12.7	12.7	12.7	12.7	-165.6	-11.1	-44.6	126.4	48.1	17.3
73	ok	0.0	0.8	1.12e-02	12.7	12.7	12.7	12.7	107.6	72.1	62.6	-140.3	-61.5	-23.8
74	ok	0.0	0.7	7.63e-03	12.7	12.7	12.7	12.7	-12.9	117.2	36.2	-159.8	-76.6	4.3
75	ok	0.0	1.0	2.54e-02	14.5	13.3	13.9	12.7	160.2	23.2	142.5	194.1	61.9	11.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
76	ok	0.0	1.0	2.81e-02	15.2	14.8	14.3	12.7	162.7	-12.9	169.2	185.6	66.5	47.4
77	ok	0.0	1.0	2.24e-02	12.7	12.7	12.7	12.7	-60.2	97.7	-244.1	-208.3	-88.1	7.6
78	ok	0.0	0.9	2.21e-02	12.7	12.7	12.7	12.7	-57.0	62.0	-228.1	-203.4	-83.1	3.1
79	ok	0.0	0.9	1.98e-02	12.7	12.7	12.7	12.7	-48.0	134.9	-239.3	-209.2	-85.9	-6.6
80	ok	0.0	0.9	1.95e-02	12.7	12.7	12.7	12.7	-41.0	100.0	-228.2	-204.6	-84.9	-1.1
81	ok	0.0	1.0	2.26e-02	13.0	12.7	13.1	14.5	160.0	-111.1	-56.8	-144.5	-209.8	47.0
82	ok	0.0	0.9	2.04e-02	12.7	12.7	12.7	12.7	47.6	-98.8	-47.8	-94.9	-113.9	47.8
83	ok	0.0	1.0	2.29e-02	12.7	12.7	12.7	15.5	103.3	-113.0	-71.8	-142.0	-184.2	53.2
84	ok	0.0	1.0	2.24e-02	12.7	12.7	12.7	12.9	62.6	-101.3	-60.1	-118.2	-145.7	49.1
85	ok	0.0	0.4	1.19e-02	12.7	12.7	12.7	12.7	-17.7	-9.6	54.1	-55.2	-21.3	61.4
86	ok	0.0	0.4	1.02e-02	12.7	12.7	12.7	12.7	-49.9	-17.2	35.1	-43.5	-38.5	59.6
87	ok	0.0	0.4	1.06e-02	12.7	12.7	12.7	12.7	-57.2	-13.2	35.9	-45.9	-32.5	61.6
88	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	-12.8	-11.9	59.1	-50.7	-21.8	64.0
89	ok	0.0	0.4	1.39e-02	12.7	12.7	12.7	12.7	-93.3	-5.8	30.6	-57.7	-15.7	59.4
90	ok	0.0	0.7	1.81e-02	12.7	12.7	12.7	12.7	-153.4	18.3	-55.8	-109.7	-23.0	27.7
91	ok	0.0	0.9	2.08e-02	12.7	12.7	12.7	12.7	-103.1	36.4	-116.0	-159.6	-28.0	4.4
92	ok	0.0	0.6	1.71e-02	12.7	12.7	12.7	12.7	-84.2	59.4	-144.3	-156.4	-40.9	5.3
93	ok	0.0	0.5	1.45e-02	12.7	12.7	12.7	12.7	-107.4	39.1	-90.8	-110.4	-32.8	28.6
94	ok	0.0	0.4	1.26e-02	12.7	12.7	12.7	12.7	-78.3	-13.0	37.9	-55.8	-23.8	63.4
95	ok	0.0	0.6	1.55e-02	12.7	12.7	12.7	12.7	-106.4	50.0	-93.3	-125.7	-54.2	31.2
96	ok	0.0	0.5	1.34e-02	12.7	12.7	12.7	12.7	-83.0	51.7	-100.0	-108.6	-44.9	27.3
97	ok	0.0	0.4	1.19e-02	12.7	12.7	12.7	12.7	-63.1	-17.8	39.9	-53.2	-33.3	65.4
98	ok	0.0	0.7	1.48e-02	12.7	12.7	12.7	12.7	-65.0	77.3	-122.5	-128.4	-67.2	27.3
99	ok	0.0	0.5	1.29e-02	12.7	12.7	12.7	12.7	-65.0	64.8	-104.4	-106.0	-58.1	23.7
100	ok	0.0	0.5	1.13e-02	12.7	12.7	12.7	12.7	-51.3	-22.8	39.3	-50.3	-44.1	64.4
101	ok	0.0	1.0	2.30e-02	12.7	12.7	12.7	14.0	109.6	86.6	119.1	16.2	225.2	15.7
102	ok	0.0	0.9	1.61e-02	12.7	12.7	12.7	12.7	-2.5	-44.8	-59.6	-67.7	-107.2	58.0
103	ok	0.0	1.0	2.25e-02	12.7	12.7	12.7	13.3	138.2	-93.4	-76.3	-105.3	-170.1	38.6
104	ok	0.0	1.0	2.15e-02	12.7	12.7	12.7	12.8	82.3	-75.8	-101.0	-82.5	-139.0	34.3
105	ok	0.0	1.0	2.09e-02	12.7	12.7	12.7	15.0	64.2	103.7	146.4	16.4	223.6	30.0
106	ok	0.0	0.9	1.75e-02	12.7	12.7	12.7	13.7	33.2	101.2	147.1	18.4	191.8	35.7
107	ok	0.0	0.9	1.63e-02	12.7	12.7	12.7	12.7	-14.2	-55.5	-60.2	-87.6	-121.5	57.8
108	ok	0.0	0.9	1.78e-02	12.7	12.7	12.7	12.7	41.5	-73.2	-57.5	-98.9	-118.2	55.6
109	ok	0.0	1.0	2.08e-02	12.7	12.7	12.7	13.7	31.2	-59.9	-88.4	-88.0	-139.4	47.0
110	ok	0.0	1.0	2.11e-02	12.7	12.7	12.7	13.8	12.2	-80.1	-75.4	-110.6	-164.5	50.4
111	ok	0.0	1.0	1.79e-02	12.7	12.7	12.7	13.6	0.2	-52.8	-71.0	-88.8	-131.4	56.8
112	ok	0.0	0.9	1.94e-02	12.7	12.7	12.7	12.7	56.5	-70.0	-67.0	-107.0	-141.4	56.2
113	ok	0.0	0.5	8.03e-03	12.7	12.7	12.7	12.7	-10.7	125.4	-31.1	-104.6	-77.3	5.6
114	ok	0.0	0.3	5.92e-03	12.7	12.7	12.7	12.7	7.1	-24.9	-57.8	-26.6	-62.5	-8.9
115	ok	0.0	0.7	8.21e-03	12.7	12.7	12.7	12.7	8.6	133.1	-40.4	24.4	111.4	54.8
116	ok	0.0	0.7	8.93e-03	12.7	12.7	12.7	12.7	6.8	151.2	-25.6	5.9	117.5	45.8
117	ok	0.0	0.4	7.03e-03	12.7	12.7	12.7	12.7	-6.7	-9.1	-29.5	-45.9	-79.2	-32.0
118	ok	0.0	0.4	6.72e-03	12.7	12.7	12.7	12.7	3.8	82.5	-45.9	-83.4	-67.3	2.8
119	ok	0.0	0.3	5.88e-03	12.7	12.7	12.7	12.7	15.6	59.7	-60.2	-54.2	-56.8	-0.8
120	ok	0.0	0.3	6.33e-03	12.7	12.7	12.7	12.7	62.8	-31.3	15.5	-20.9	-36.2	-37.1
121	ok	0.0	0.4	7.12e-03	12.7	12.7	12.7	12.7	-5.9	-10.5	-31.9	-48.0	-77.9	-30.5
122	ok	0.0	0.3	6.54e-03	12.7	12.7	12.7	12.7	7.8	-24.1	-22.5	-12.2	-52.7	-36.4
123	ok	0.0	0.3	6.32e-03	12.7	12.7	12.7	12.7	10.1	-28.2	-21.3	-18.7	-65.6	-32.1
124	ok	0.0	0.4	6.42e-03	12.7	12.7	12.7	12.7	-6.6	-7.2	-35.6	-33.1	-73.8	-27.6
125	ok	0.0	0.4	6.69e-03	12.7	12.7	12.7	12.7	-6.5	-8.5	-32.7	-41.5	-78.4	-29.8
126	ok	0.0	0.4	6.49e-03	12.7	12.7	12.7	12.7	11.2	-27.9	-24.1	-21.1	-59.6	-39.1
127	ok	0.0	0.4	6.59e-03	12.7	12.7	12.7	12.7	-7.1	-7.9	-39.2	-34.4	-72.7	-29.7
128	ok	0.0	0.4	6.81e-03	12.7	12.7	12.7	12.7	-6.3	-9.7	-35.8	-43.3	-77.1	-30.1
129	ok	0.0	1.0	2.17e-02	12.9	12.7	12.7	12.7	-197.5	7.2	-76.2	76.9	37.3	29.6
130	ok	0.0	0.4	1.15e-02	12.7	12.7	12.7	12.7	124.5	19.6	68.4	-23.6	-20.9	-7.9
131	ok	0.0	0.5	7.21e-03	12.7	12.7	12.7	12.7	5.9	101.4	15.2	-116.2	-62.9	-0.6
132	ok	0.0	0.6	9.72e-03	12.7	12.7	12.7	12.7	150.0	102.5	21.0	-110.3	-53.4	-4.5
133	ok	0.0	0.7	1.32e-02	12.7	12.7	12.7	12.7	246.2	66.5	32.7	-99.1	-27.4	-27.2
134	ok	0.0	0.7	1.78e-02	12.7	12.7	12.7	12.7	305.0	8.1	145.9	-69.9	-4.8	-19.9
135	ok	0.0	0.5	1.47e-02	12.7	12.7	12.7	12.7	243.3	13.2	159.9	-45.4	-3.5	-14.9
136	ok	0.0	0.3	8.06e-03	12.7	12.7	12.7	12.7	97.7	34.0	-31.6	-24.3	-7.7	-6.5
137	ok	0.0	0.2	6.49e-03	12.7	12.7	12.7	12.7	50.4	30.1	-38.9	-22.9	-30.8	-5.0
138	ok	0.0	0.3	5.87e-03	12.7	12.7	12.7	12.7	5.2	-18.1	-62.5	-22.2	-47.5	-6.3
139	ok	0.0	0.4	1.10e-02	12.7	12.7	12.7	12.7	149.7	50.4	25.7	-44.2	-15.6	-10.5
140	ok	0.0	0.5	1.27e-02	12.7	12.7	12.7	12.7	216.5	60.3	12.2	-67.2	-18.9	-19.1
141	ok	0.0	0.3	8.42e-03	12.7	12.7	12.7	12.7	97.3	60.9	19.9	-45.3	-30.0	-7.4
142	ok	0.0	0.5	8.95e-03	12.7	12.7	12.7	12.7	130.5	87.3	12.8	-74.7	-36.6	-8.5
143	ok	0.0	0.3	5.97e-03	12.7	12.7	12.7	12.7	-0.7	53.8	-36.0	-49.2	-49.5	-4.1
144	ok	0.0	0.4	7.44e-03	12.7	12.7	12.7	12.7	19.3	108.4	1.8	-79.4	-47.5	-4.0
145	ok	0.0	1.0	2.47e-02	12.7	12.7	12.7	14.8	66.1	58.7	94.0	50.5	253.2	7.8
146	ok	0.0	0.8	1.50e-02	12.7	12.7	12.7	12.7	50.9	68.5	130.0	41.2	156.7	32.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
147	ok	0.0	1.0	1.97e-02	12.7	12.7	12.7	15.9	30.2	69.9	133.5	54.4	240.9	35.7
148	ok	0.0	1.0	1.62e-02	12.7	12.7	12.7	13.4	53.8	60.4	142.1	50.4	197.6	37.4
149	ok	0.0	0.2	6.34e-03	12.7	12.7	12.7	12.7	12.6	-31.1	-62.4	-11.7	-64.1	-8.3
150	ok	0.0	0.4	7.20e-03	12.7	12.7	12.7	12.7	59.8	40.4	8.8	37.3	74.0	4.2
151	ok	0.0	0.5	7.53e-03	12.7	12.7	12.7	12.7	52.7	46.3	16.3	46.7	108.1	-1.4
152	ok	0.0	0.9	7.29e-03	12.7	12.7	12.7	12.7	37.9	58.2	3.3	46.9	170.2	-8.5
153	ok	0.0	0.9	1.23e-02	12.7	12.7	12.7	12.7	195.7	61.5	137.6	-81.1	-87.7	-70.3
154	ok	0.0	0.3	9.59e-03	12.7	12.7	12.7	12.7	40.4	7.3	-62.3	37.4	27.9	13.3
155	ok	0.0	0.2	7.21e-03	12.7	12.7	12.7	12.7	62.8	11.3	-48.3	30.5	17.6	7.8
156	ok	0.0	0.2	6.19e-03	12.7	12.7	12.7	12.7	6.2	-22.7	-63.4	-11.3	-50.2	-5.0
157	ok	0.0	1.0	1.92e-02	12.7	13.4	12.7	17.8	105.4	84.4	177.8	76.3	285.2	21.6
158	ok	0.0	0.8	1.43e-02	12.7	12.7	12.7	12.7	100.4	59.8	101.3	34.6	160.7	24.6
160	ok	0.0	1.0	1.55e-02	12.7	13.2	12.7	16.8	85.6	59.1	184.0	62.4	270.8	26.2
161	ok	0.0	1.0	1.46e-02	12.7	13.2	12.7	15.5	125.2	26.3	151.5	47.1	259.7	22.4
162	ok	0.0	1.0	1.35e-02	12.7	12.7	12.7	15.9	121.2	22.7	127.9	61.4	269.6	20.0
163	ok	0.0	1.0	1.62e-02	12.7	12.7	12.7	16.6	136.6	82.9	146.2	62.3	264.6	21.7
164	ok	0.0	1.0	1.65e-02	12.7	12.7	12.7	13.3	122.3	62.4	125.1	44.8	207.5	23.9
165	ok	0.0	0.8	1.45e-02	12.7	12.7	12.7	12.7	87.6	56.0	107.0	37.0	161.6	24.2
166	ok	0.0	0.8	1.44e-02	12.7	12.7	12.7	12.7	74.7	50.9	107.1	40.8	161.6	23.6
167	ok	0.0	0.8	1.51e-02	12.7	12.7	12.7	12.7	65.5	49.7	108.9	48.3	159.5	25.9
168	ok	0.0	0.8	1.47e-02	12.7	12.7	12.7	12.7	48.6	43.6	125.8	50.4	154.5	19.2
169	ok	0.0	1.0	1.31e-02	12.7	12.7	12.7	15.4	99.5	48.2	120.6	57.2	250.8	24.2
170	ok	0.0	1.0	1.39e-02	12.7	12.7	12.7	15.0	87.4	40.8	131.5	47.6	245.2	19.3
171	ok	0.0	1.0	1.46e-02	12.7	13.2	12.7	14.7	50.1	52.0	126.1	71.0	247.4	14.5
172	ok	0.0	1.0	1.79e-02	12.7	13.0	12.7	16.0	37.3	20.3	119.0	121.8	263.0	27.9
173	ok	0.0	1.0	1.49e-02	12.7	12.7	12.7	13.1	98.1	56.1	120.9	46.3	207.3	24.4
174	ok	0.0	1.0	1.42e-02	12.7	12.7	12.7	12.7	78.5	50.0	117.3	47.2	204.5	20.4
175	ok	0.0	0.9	1.53e-02	12.7	12.7	12.7	12.7	68.7	40.4	113.2	61.6	202.1	18.7
176	ok	0.0	0.9	1.57e-02	12.7	12.7	12.7	12.7	64.4	22.0	119.2	76.7	204.1	15.6
177	ok	0.0	0.4	1.23e-02	12.7	12.7	12.7	12.7	-31.1	-39.1	-58.2	-47.4	-98.6	-20.7
178	ok	0.0	0.5	1.22e-02	12.7	12.7	12.7	12.7	2.1	-69.4	-38.1	-61.0	-112.7	-10.0
179	ok	0.0	1.0	2.31e-02	12.7	13.5	12.7	12.7	240.4	-54.6	125.9	140.2	74.7	51.0
180	ok	0.0	1.0	1.74e-02	12.7	12.9	12.7	12.9	130.0	-47.4	141.6	136.2	96.6	50.6
181	ok	0.0	1.0	1.44e-02	12.7	13.1	12.7	14.5	7.0	76.5	131.8	87.4	156.1	90.1
182	ok	0.0	0.9	1.11e-02	12.7	12.7	12.7	16.1	-31.6	91.1	89.3	70.9	218.0	58.5
183	ok	0.0	0.7	1.90e-02	12.7	12.7	12.7	12.7	156.1	-4.4	-37.4	113.3	36.6	29.0
184	ok	0.0	0.8	1.73e-02	12.7	12.7	12.7	12.7	167.9	-22.8	-60.3	134.3	27.6	24.6
185	ok	0.0	0.8	1.70e-02	12.7	12.7	12.7	12.7	180.4	-43.4	-59.9	140.7	27.5	33.6
186	ok	0.0	0.9	2.00e-02	12.7	13.8	12.7	12.7	233.2	-58.5	50.5	155.1	47.7	46.7
187	ok	0.0	1.0	7.34e-03	24.4	45.5	21.4	41.5	-65.4	-19.2	-32.2	579.0	441.0	232.6
188	ok	0.0	0.5	8.48e-03	12.7	12.7	12.7	12.7	-65.9	54.6	65.2	91.2	80.7	-28.2
189	ok	0.0	0.6	1.47e-02	12.7	12.7	12.7	12.7	-24.4	85.5	-38.3	44.4	95.5	24.1
190	ok	0.0	0.5	1.18e-02	12.7	12.7	12.7	12.7	-11.1	67.6	-29.0	37.3	91.2	24.9
191	ok	0.0	1.0	9.34e-03	12.7	18.4	19.7	23.3	6.1	-41.1	24.2	215.9	330.1	-88.8
192	ok	0.0	0.4	1.03e-02	12.7	12.7	12.7	12.7	-64.3	74.6	66.4	70.3	68.0	-10.3
193	ok	0.0	0.5	1.07e-02	12.7	12.7	12.7	12.7	50.6	66.2	-46.7	20.3	79.9	17.9
194	ok	0.0	0.6	1.23e-02	12.7	12.7	12.7	12.7	-24.6	75.7	-44.9	30.8	94.2	24.2
195	ok	0.0	0.5	1.27e-02	12.7	12.7	12.7	12.7	-30.1	77.2	-36.8	37.0	89.0	17.8
196	ok	0.0	0.5	1.04e-02	12.7	12.7	12.7	12.7	-58.7	73.7	35.7	-51.3	74.5	-4.0
197	ok	0.0	0.5	7.52e-03	12.7	12.7	12.7	12.7	121.4	-9.3	-102.5	-70.7	-43.4	17.1
198	ok	0.0	1.0	3.00e-02	12.7	21.8	12.7	22.3	-296.6	-1.7	-5.2	327.3	227.0	135.5
199	ok	0.0	0.8	1.08e-02	12.7	12.7	12.7	12.7	73.7	57.9	70.9	-56.0	-95.7	-56.5
200	ok	0.0	0.3	9.29e-03	12.7	12.7	12.7	12.7	102.3	-19.0	84.8	-21.4	21.6	-7.3
201	ok	0.0	0.4	9.90e-03	12.7	12.7	12.7	12.7	136.2	-11.6	-85.9	-49.0	-28.1	13.2
202	ok	0.0	0.6	9.76e-03	12.7	12.7	12.7	12.7	-21.1	55.1	-34.0	20.0	107.2	26.0
203	ok	0.0	1.0	1.04e-02	19.3	20.7	12.7	15.5	-48.1	-48.9	34.2	151.0	73.2	-104.8
204	ok	0.0	0.5	1.15e-02	12.7	12.7	12.7	12.7	-23.1	66.9	-32.8	27.4	89.9	24.6
205	ok	0.0	0.5	1.04e-02	12.7	12.7	12.7	12.7	53.6	61.7	-54.2	-27.8	84.8	27.7
206	ok	0.0	0.8	1.17e-02	12.7	12.7	12.7	12.7	-16.8	19.0	18.5	66.5	105.3	36.8
207	ok	0.0	0.7	1.91e-02	12.7	12.7	12.7	12.7	38.1	-130.8	-37.7	-62.3	-61.1	36.2
208	ok	0.0	0.9	1.15e-02	12.7	12.7	12.7	15.2	-44.3	64.1	16.9	53.9	153.1	113.8
209	ok	0.0	0.6	1.80e-02	12.7	12.7	12.7	12.7	-16.9	101.8	-38.0	54.3	88.4	20.8
210	ok	0.0	0.6	1.89e-02	12.7	12.7	12.7	12.7	-10.6	112.6	-46.4	63.3	88.5	19.1
211	ok	0.0	0.7	1.82e-02	12.7	12.7	12.7	12.7	83.0	95.3	-12.3	70.1	115.1	28.3
212	ok	0.0	1.0	1.37e-02	18.9	25.3	18.2	35.1	-35.6	109.9	8.3	224.5	419.4	182.0
213	ok	0.0	0.9	9.85e-03	16.1	12.9	12.7	12.7	-29.5	38.3	36.2	-214.5	26.3	88.2
214	ok	0.0	0.8	1.52e-02	12.7	12.7	14.6	12.7	-4.7	-68.3	-26.5	89.4	-139.2	92.2
215	ok	0.0	0.6	1.84e-02	12.7	12.7	12.7	12.7	-27.1	55.2	-41.5	46.3	112.4	14.0
216	ok	0.0	0.6	1.37e-02	12.7	12.7	12.7	12.7	-38.1	118.9	60.7	12.8	95.3	32.4
217	ok	0.0	1.0	4.32e-02	12.7	14.2	12.7	30.5	229.6	350.3	-127.6	63.9	418.0	54.7
218	ok	0.0	0.8	1.66e-02	12.7	12.7	12.7	12.7	25.2	161.7	65.1	54.2	138.4	36.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
219	ok	0.0	1.0	2.46e-02	12.7	12.7	12.7	16.3	135.8	15.6	137.8	69.1	280.3	16.5
220	ok	0.0	1.0	3.99e-02	12.7	13.0	12.7	17.8	138.7	55.0	45.7	60.2	299.4	12.5
221	ok	0.0	0.9	2.95e-02	12.7	12.7	12.7	26.2	-15.2	271.5	-4.4	79.1	339.8	72.9
222	ok	0.0	0.9	2.24e-02	12.7	12.7	12.7	16.6	20.6	210.2	53.0	77.4	203.5	52.5
223	ok	0.0	0.8	1.56e-02	12.7	12.7	12.7	12.7	103.6	73.5	64.5	43.4	156.9	31.0
224	ok	0.0	0.8	1.46e-02	12.7	12.7	12.7	12.7	94.9	65.4	104.2	36.6	160.0	27.2
225	ok	0.0	0.9	2.36e-02	12.7	12.7	12.7	18.8	155.9	68.3	86.5	58.7	281.5	30.1
226	ok	0.0	1.0	2.26e-02	12.7	12.7	12.7	16.6	122.2	50.1	147.3	61.6	270.8	21.8
227	ok	0.0	0.9	1.83e-02	12.7	12.7	12.7	16.1	81.0	152.2	-13.2	45.1	214.3	47.6
228	ok	0.0	0.9	1.65e-02	12.7	12.7	12.7	14.1	112.2	62.2	124.8	46.6	210.9	26.8
229	ok	0.0	0.7	1.80e-02	12.7	12.7	12.7	12.7	41.3	-95.4	-38.4	-81.2	-74.1	43.0
230	ok	0.0	0.7	1.45e-02	12.7	12.7	12.7	12.7	-6.1	-46.8	-52.5	-70.2	-110.6	52.4
231	ok	0.0	0.6	1.25e-02	12.7	12.7	12.7	12.7	-9.3	-49.3	-42.2	-70.8	-115.9	38.6
232	ok	0.0	0.6	1.49e-02	12.7	12.7	12.7	12.7	33.9	-86.3	-44.7	-74.9	-64.8	39.2
233	ok	0.0	0.8	1.64e-02	12.7	12.7	12.7	12.7	36.0	-72.0	-49.2	-89.9	-89.4	49.3
234	ok	0.0	0.7	1.50e-02	12.7	12.7	12.7	12.7	-20.6	-56.5	-52.7	-85.6	-101.1	52.3
235	ok	0.0	0.6	1.36e-02	12.7	12.7	12.7	12.7	-8.4	-48.4	-47.1	-71.6	-113.4	45.6
236	ok	0.0	0.5	1.28e-02	12.7	12.7	12.7	12.7	-6.7	-59.2	-43.1	-71.4	-101.5	36.9
237	ok	0.0	0.6	1.30e-02	12.7	12.7	12.7	12.7	33.1	-67.4	-36.3	-77.2	-84.6	13.9
238	ok	0.0	0.6	1.39e-02	12.7	12.7	12.7	12.7	-23.2	-57.3	-46.4	-81.9	-101.1	44.2
239	ok	0.0	0.6	1.51e-02	12.7	12.7	12.7	12.7	34.5	-70.3	-43.2	-86.1	-83.9	41.3
240	ok	0.0	0.6	1.23e-02	12.7	12.7	12.7	12.7	11.3	-43.3	-43.0	-63.1	-126.0	38.2
241	ok	0.0	1.0	3.88e-02	17.2	12.7	12.7	12.7	362.5	24.1	-138.2	-180.1	-48.2	37.2
242	ok	0.0	0.6	1.39e-02	12.7	12.7	12.7	12.7	134.4	-31.2	-146.6	-69.5	-43.0	20.0
243	ok	0.0	0.7	3.30e-02	12.7	12.7	12.7	12.7	352.6	-20.2	-186.4	-47.2	-8.2	22.1
244	ok	0.0	0.7	1.41e-02	12.7	12.7	12.7	12.7	0.7	-40.7	-51.8	-52.4	-118.6	48.3
245	ok	0.0	0.7	1.27e-02	12.7	12.7	12.7	12.7	-58.9	-5.7	-97.9	-89.4	-125.1	-4.2
246	ok	0.0	0.6	1.02e-02	12.7	12.7	12.7	12.7	-46.6	-12.8	-80.4	-85.1	-134.4	0.3
247	ok	0.0	0.6	1.32e-02	12.7	12.7	12.7	12.7	1.1	-42.2	-47.3	-59.5	-123.0	43.4
248	ok	0.0	0.6	1.38e-02	12.7	12.7	12.7	12.7	-15.3	-51.4	-113.0	-40.5	-126.1	23.1
249	ok	0.0	0.7	1.42e-02	12.7	12.7	12.7	12.7	60.4	56.3	103.3	36.6	123.9	29.3
250	ok	0.0	0.7	1.34e-02	12.7	12.7	12.7	12.7	-35.9	-18.3	-117.5	-69.8	-133.2	-10.6
251	ok	0.0	0.7	1.32e-02	12.7	12.7	12.7	12.7	-47.5	-9.6	-110.4	-83.6	-129.1	-8.8
252	ok	0.0	0.6	1.14e-02	12.7	12.7	12.7	12.7	-52.7	-8.8	-88.1	-86.9	-130.4	-1.9
253	ok	0.0	1.0	1.39e-02	12.7	12.7	12.7	20.8	-82.6	95.0	27.1	132.1	310.4	-49.6
254	ok	0.0	0.6	1.05e-02	12.7	12.7	12.7	12.7	6.7	48.9	-10.2	88.3	82.0	-48.4
255	ok	0.0	1.0	5.16e-02	12.7	22.8	12.7	44.2	97.6	650.1	125.9	134.5	513.3	95.6
256	ok	0.0	0.7	4.18e-02	12.7	12.7	12.7	12.7	-140.4	-142.5	-19.7	68.4	133.4	26.0
257	ok	0.0	0.6	3.61e-02	12.7	12.7	12.7	12.7	-157.9	-138.9	43.3	101.3	151.9	32.2
258	ok	0.0	0.9	3.12e-02	12.7	20.8	12.7	12.7	224.5	-304.0	30.7	274.2	93.2	55.7
259	ok	0.0	1.0	1.99e-02	12.7	38.0	12.7	42.6	-174.3	445.7	53.9	267.7	584.1	-74.9
260	ok	0.0	0.9	1.29e-02	12.7	16.3	12.7	21.2	-51.5	126.3	-3.7	169.9	279.2	-79.6
261	ok	0.0	0.9	1.10e-02	12.7	12.7	12.7	12.7	-7.0	84.9	-17.1	127.2	150.4	-61.3
262	ok	0.0	0.6	1.21e-02	12.7	12.7	12.7	12.7	7.7	16.3	-18.5	102.4	74.8	-33.1
263	ok	0.0	0.6	1.30e-02	12.7	12.7	12.7	12.7	26.2	-45.2	-21.9	101.5	80.5	-4.9
264	ok	0.0	0.5	1.45e-02	12.7	12.7	12.7	12.7	75.2	-58.4	22.2	88.0	94.9	14.6
265	ok	0.0	0.6	1.46e-02	12.7	12.7	12.7	12.7	78.8	-6.1	82.0	74.9	110.5	20.7
266	ok	0.0	0.8	1.67e-02	12.7	12.7	12.7	12.7	25.3	134.1	69.7	62.4	129.1	31.8
267	ok	0.0	1.0	1.79e-02	12.7	19.2	12.7	19.5	-2.5	144.8	-36.9	213.0	238.1	-86.7
268	ok	0.0	0.9	2.52e-02	12.7	16.0	12.7	12.7	0.6	-194.0	-185.0	232.3	130.8	9.7
269	ok	0.0	0.8	2.06e-02	12.7	12.7	12.7	12.7	27.1	-143.9	3.6	123.2	144.5	36.9
270	ok	0.0	0.8	2.88e-02	12.7	12.7	12.7	12.7	93.0	-54.3	85.3	95.3	153.0	36.4
271	ok	0.0	1.0	4.15e-02	12.7	14.4	12.7	25.4	121.2	347.8	179.9	103.0	264.6	82.8
272	ok	0.0	0.8	1.31e-02	12.7	12.7	12.7	12.7	-5.8	45.5	-33.1	142.8	109.9	-40.7
273	ok	0.0	0.8	1.46e-02	12.7	12.7	12.7	12.7	18.2	-82.3	-66.8	146.2	121.3	3.5
274	ok	0.0	0.7	1.60e-02	12.7	12.7	12.7	12.7	83.6	-122.6	-7.9	109.2	121.7	28.4
275	ok	0.0	0.7	1.78e-02	12.7	12.7	12.7	12.7	33.4	-51.3	137.7	94.3	135.1	30.6
276	ok	0.0	1.0	2.44e-02	12.7	13.0	12.7	15.0	22.5	192.6	65.7	87.4	181.4	48.6
277	ok	0.0	1.0	9.99e-03	12.7	12.7	12.7	13.6	-12.4	85.8	84.7	43.2	220.5	11.7
278	ok	0.0	0.6	9.26e-03	12.7	12.7	12.7	12.7	2.9	53.9	13.2	72.3	86.6	-55.7
279	ok	0.0	0.9	8.63e-03	12.7	12.7	12.7	14.7	-24.9	80.5	31.9	80.3	205.9	-48.0
280	ok	0.0	0.8	9.26e-03	12.7	12.7	12.7	12.7	-11.8	71.0	15.0	87.4	146.5	-61.9
281	ok	0.0	1.0	3.65e-02	12.7	19.9	12.7	12.9	404.6	-81.2	171.2	215.3	82.2	55.2
282	ok	0.0	0.6	1.08e-02	12.7	12.7	12.7	12.7	-38.2	-16.3	-90.6	-81.4	-139.0	-1.7
283	ok	0.0	0.6	1.16e-02	12.7	12.7	12.7	12.7	-28.5	-23.2	-98.1	-73.9	-143.1	-2.6
284	ok	0.0	0.6	1.21e-02	12.7	12.7	12.7	12.7	-18.3	-39.5	-102.2	-65.7	-145.6	-1.3
285	ok	0.0	0.6	1.20e-02	12.7	12.7	12.7	12.7	9.4	-38.8	-43.6	-58.9	-131.6	35.3
286	ok	0.0	0.6	1.19e-02	12.7	12.7	12.7	12.7	-42.9	-12.4	-100.0	-82.3	-135.0	-4.9
287	ok	0.0	1.0	2.04e-02	12.7	14.0	12.7	13.8	135.3	-68.4	153.7	152.1	105.2	56.1
288	ok	0.0	1.0	1.74e-02	12.7	13.9	12.7	17.1	-0.5	90.4	147.7	107.9	176.1	100.7
289	ok	0.0	1.0	1.52e-02	12.7	12.7	12.7	21.7	-76.9	148.8	56.9	114.6	298.5	64.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
290	ok	0.0	0.6	1.23e-02	12.7	12.7	12.7	12.7	-32.1	-20.2	-107.9	-72.4	-139.8	-6.1
291	ok	0.0	0.6	1.32e-02	12.7	12.7	12.7	12.7	-21.1	-37.7	-111.7	-60.8	-143.2	-3.5
292	ok	0.0	0.7	1.29e-02	12.7	12.7	12.7	12.7	-11.0	-47.3	-112.6	-53.9	-143.2	22.1
293	ok	0.0	0.6	1.36e-02	12.7	12.7	12.7	12.7	21.0	122.1	61.1	41.1	103.3	27.5
294	ok	0.0	0.7	1.31e-02	12.7	12.7	12.7	12.7	-72.7	-11.3	-70.4	-75.4	-105.0	1.5
295	ok	0.0	0.6	1.27e-02	12.7	12.7	12.7	12.7	-59.5	-8.1	-94.0	-87.2	-122.0	-1.0
296	ok	0.0	0.5	1.15e-02	12.7	12.7	12.7	12.7	0.4	-64.6	-36.9	-71.2	-119.5	-4.1
297	ok	0.0	0.5	1.24e-02	12.7	12.7	12.7	12.7	-1.0	-75.2	-38.8	-67.7	-116.5	-6.5
298	ok	0.0	0.5	1.14e-02	12.7	12.7	12.7	12.7	-52.4	-14.5	-65.9	-79.7	-125.8	0.8
299	ok	0.0	0.6	1.14e-02	12.7	12.7	12.7	12.7	-52.8	-12.7	-69.4	-83.9	-130.0	1.7
300	ok	0.0	0.5	1.09e-02	12.7	12.7	12.7	12.7	-61.0	-14.4	-69.6	-78.8	-123.0	0.3
301	ok	0.0	0.5	1.12e-02	12.7	12.7	12.7	12.7	-53.0	-10.2	-84.1	-85.1	-126.3	-0.2
302	ok	0.0	0.5	9.46e-03	12.7	12.7	12.7	12.7	8.5	31.0	11.5	70.7	46.4	-42.4
303	ok	0.0	0.9	7.33e-03	13.1	12.7	12.7	12.7	33.2	21.4	13.2	101.9	122.8	13.5
304	ok	0.0	0.6	1.43e-02	12.7	12.7	12.7	12.7	58.2	100.6	86.8	49.8	96.4	23.0
305	ok	0.0	1.0	2.43e-02	12.7	20.7	12.7	12.7	286.4	6.8	-87.8	284.7	56.7	3.6
306	ok	0.0	1.0	5.35e-02	12.7	17.4	12.7	18.4	-594.3	-116.7	-78.8	324.6	205.9	-120.3
307	ok	0.0	0.8	1.89e-02	12.7	12.7	12.7	12.7	39.7	56.2	18.6	-40.8	-105.6	-29.7
308	ok	0.0	0.6	1.78e-02	12.7	12.7	12.7	12.7	55.6	-30.6	-98.4	-90.5	-47.6	22.5
309	ok	0.0	0.7	1.76e-02	12.7	12.7	12.7	12.7	-13.7	-29.5	75.7	118.1	72.4	-34.7
310	ok	0.0	1.0	3.53e-02	12.7	30.0	12.7	22.3	70.3	-26.7	-44.1	372.4	229.6	117.9
311	ok	0.0	0.9	1.76e-02	12.7	12.7	12.7	12.7	164.7	-12.9	-74.6	165.1	38.2	15.6
312	ok	0.0	0.9	1.74e-02	12.7	12.7	12.7	12.7	177.4	-40.6	-74.6	163.7	17.8	28.5
313	ok	0.0	0.9	1.98e-02	12.7	15.9	12.7	12.7	211.4	-107.4	-47.4	185.2	55.8	51.5
314	ok	0.0	0.5	1.31e-02	12.7	12.7	12.7	12.7	29.7	11.5	78.9	63.3	82.2	11.2
315	ok	0.0	0.4	1.35e-02	12.7	12.7	12.7	12.7	63.0	-15.4	62.0	70.0	68.3	2.2
316	ok	0.0	0.5	1.21e-02	12.7	12.7	12.7	12.7	59.0	-7.8	29.4	77.7	52.5	-10.2
317	ok	0.0	0.5	1.16e-02	12.7	12.7	12.7	12.7	15.4	12.8	1.1	80.5	43.3	-32.2
318	ok	0.0	0.5	9.37e-03	12.7	12.7	12.7	12.7	8.5	16.0	18.9	57.2	67.6	-33.1
319	ok	0.0	0.9	9.60e-03	14.6	20.3	24.1	28.8	-11.6	13.3	4.0	154.9	341.5	-166.8
320	ok	0.0	0.7	1.15e-02	12.7	12.7	12.7	12.7	119.4	29.4	24.2	-119.0	-95.8	-29.3
321	ok	0.0	0.4	1.09e-02	12.7	12.7	12.7	12.7	-27.1	-59.7	-48.2	-36.6	-82.9	-19.2
322	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	3.5	-35.7	-50.2	-51.0	-101.8	-15.0
323	ok	0.0	0.5	1.11e-02	12.7	12.7	12.7	12.7	3.0	-59.2	-36.6	-65.7	-115.0	-7.1
324	ok	0.0	0.8	1.31e-02	12.7	12.7	13.8	12.7	19.2	20.0	11.7	50.3	-184.4	-67.8
325	ok	0.0	0.5	1.37e-02	12.7	12.7	12.7	12.7	-55.7	-51.9	-33.3	-23.5	-87.5	-46.5
326	ok	0.0	0.4	1.32e-02	12.7	12.7	12.7	12.7	-29.9	-19.7	-65.9	-34.9	-88.1	-31.8
327	ok	0.0	0.4	8.59e-03	12.7	12.7	12.7	12.7	20.6	-0.6	-74.3	42.4	46.0	-26.3
328	ok	0.0	0.6	9.61e-03	12.7	12.7	12.7	12.7	27.8	-0.9	-49.8	88.8	84.3	-5.8
329	ok	0.0	0.4	8.65e-03	12.7	12.7	12.7	12.7	24.1	0.5	-72.4	64.1	46.0	-25.3
330	ok	0.0	0.5	8.83e-03	12.7	12.7	12.7	12.7	26.8	-1.5	-66.4	88.6	65.2	-25.0
331	ok	0.0	0.6	9.24e-03	12.7	12.7	12.7	12.7	22.2	-2.6	-64.7	108.5	72.2	-21.2
332	ok	0.0	0.5	1.03e-02	12.7	12.7	12.7	12.7	-19.6	3.8	55.2	-35.4	-19.1	61.2
333	ok	0.0	0.4	9.15e-03	12.7	12.7	12.7	12.7	-11.1	-38.1	65.1	-44.4	-16.5	54.3
334	ok	0.0	0.4	9.78e-03	12.7	12.7	12.7	12.7	27.5	18.4	-72.2	47.1	50.6	-28.0
335	ok	0.0	0.4	9.60e-03	12.7	12.7	12.7	12.7	-11.8	-20.9	63.5	-57.9	-21.4	64.6
336	ok	0.0	0.4	9.26e-03	12.7	12.7	12.7	12.7	-10.5	-17.9	62.0	-52.3	-20.0	61.7
337	ok	0.0	0.9	1.02e-02	12.7	12.7	12.7	13.2	-43.2	-44.2	-34.7	155.7	119.3	79.9
338	ok	0.0	0.4	7.91e-03	12.7	12.7	12.7	12.7	20.6	-2.7	-71.1	52.5	54.7	-15.5
339	ok	0.0	0.7	8.34e-03	12.7	12.7	12.7	12.7	16.2	-23.3	-53.1	154.4	103.5	-3.4
340	ok	0.0	0.5	8.05e-03	12.7	12.7	12.7	12.7	23.9	-12.3	-59.7	113.4	77.8	-5.5
341	ok	0.0	0.4	7.97e-03	12.7	12.7	12.7	12.7	22.3	-3.3	-71.8	76.1	48.8	-17.0
342	ok	0.0	0.5	7.34e-03	12.7	12.7	12.7	12.7	34.4	27.7	-39.2	-9.7	57.1	-45.0
343	ok	0.0	0.5	7.43e-03	12.7	12.7	12.7	12.7	7.1	56.0	-40.0	8.7	57.1	-45.8
344	ok	0.0	0.4	7.83e-03	12.7	12.7	12.7	12.7	11.5	50.0	-41.5	15.7	58.3	-37.4
345	ok	0.0	0.4	8.14e-03	12.7	12.7	12.7	12.7	16.8	42.4	-64.1	27.2	54.5	-29.1
346	ok	0.0	0.4	8.25e-03	12.7	12.7	12.7	12.7	0.6	76.4	-43.8	-20.3	44.0	-53.9
347	ok	0.0	0.4	8.88e-03	12.7	12.7	12.7	12.7	49.0	30.0	-54.0	-7.3	53.7	-38.2
348	ok	0.0	0.4	8.55e-03	12.7	12.7	12.7	12.7	43.6	35.3	-51.6	-12.7	57.5	-40.4
349	ok	0.0	0.4	8.19e-03	12.7	12.7	12.7	12.7	40.1	35.6	-50.5	-17.5	56.0	-44.6
350	ok	0.0	0.4	6.47e-03	12.7	12.7	12.7	12.7	1.2	61.4	-29.0	-11.0	29.2	-51.9
351	ok	0.0	0.4	6.75e-03	12.7	12.7	12.7	12.7	0.8	60.4	-34.9	-6.3	37.4	-56.4
352	ok	0.0	0.4	7.09e-03	12.7	12.7	12.7	12.7	1.3	58.1	-38.5	-6.2	43.3	-57.7
353	ok	0.0	0.4	7.43e-03	12.7	12.7	12.7	12.7	27.4	20.1	-6.2	39.6	27.9	-36.3
354	ok	0.0	0.4	8.28e-03	12.7	12.7	12.7	12.7	-0.4	75.4	-41.8	-18.5	42.2	-55.6
355	ok	0.0	0.4	7.72e-03	12.7	12.7	12.7	12.7	-0.4	78.5	-37.0	-14.3	40.7	-53.8
356	ok	0.0	0.4	6.22e-03	12.7	12.7	12.7	12.7	2.2	56.8	-24.9	-12.3	40.7	-46.0
357	ok	0.0	0.4	8.24e-03	12.7	12.7	12.7	12.7	12.6	17.2	-11.6	65.2	50.2	-39.1
358	ok	0.0	0.4	5.51e-03	12.7	12.7	12.7	12.7	2.8	50.7	-19.6	-4.4	70.5	-26.0
359	ok	0.0	0.4	6.04e-03	12.7	12.7	12.7	12.7	7.3	61.0	-18.8	-30.2	36.9	-45.0
360	ok	0.0	0.9	5.12e-03	16.5	15.8	12.7	14.8	21.4	-33.0	-12.5	212.1	64.1	62.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
361	ok	0.0	0.7	8.21e-03	12.7	12.7	12.7	12.7	19.9	15.2	-17.9	116.0	134.2	-23.7
434	ok	0.0	0.5	6.52e-03	12.7	12.7	12.7	12.7	4.8	37.8	-36.2	23.7	68.5	-53.4
435	ok	0.0	0.3	5.61e-03	12.7	12.7	12.7	12.7	3.3	44.4	-30.1	19.3	27.3	-44.8
436	ok	0.0	0.5	6.24e-03	12.7	12.7	12.7	12.7	6.3	45.5	-50.0	30.5	50.4	-54.8
437	ok	0.0	0.4	5.92e-03	12.7	12.7	12.7	12.7	5.5	44.9	-49.0	26.6	38.9	-52.4
438	ok	0.0	0.5	6.83e-03	12.7	12.7	12.7	12.7	4.7	46.9	-36.5	16.1	57.1	-52.6
439	ok	0.0	0.4	5.97e-03	12.7	12.7	12.7	12.7	1.8	53.1	-30.7	9.7	31.3	-49.2
440	ok	0.0	0.5	6.57e-03	12.7	12.7	12.7	12.7	3.1	50.5	-35.0	15.6	47.2	-55.9
441	ok	0.0	0.4	6.23e-03	12.7	12.7	12.7	12.7	3.9	54.0	-44.7	13.4	41.4	-53.9
442	ok	0.0	0.4	7.36e-03	12.7	12.7	12.7	12.7	-28.8	-3.1	-5.2	47.5	73.0	46.5
443	ok	0.0	0.4	7.33e-03	12.7	12.7	12.7	12.7	-33.4	-0.4	-5.4	35.9	90.2	28.5
444	ok	0.0	0.5	7.17e-03	12.7	12.7	12.7	12.7	11.5	34.4	-37.5	37.8	87.7	-26.9
445	ok	0.0	0.5	6.75e-03	12.7	12.7	12.7	12.7	7.6	38.5	-36.9	29.2	83.3	-42.3
446	ok	0.0	1.0	2.86e-03	54.0	57.0	49.9	42.9	-14.6	-32.1	0.3	680.6	434.6	-308.2
447	ok	0.0	0.8	7.07e-03	12.7	12.7	13.0	12.7	23.4	-13.7	-51.4	190.7	199.0	11.7
448	ok	0.0	0.6	7.39e-03	12.7	12.7	12.7	12.7	21.2	-17.0	-40.8	138.6	88.1	13.2
449	ok	0.0	0.5	7.33e-03	12.7	12.7	12.7	12.7	-41.7	8.6	-68.0	85.3	53.0	37.0
450	ok	0.0	0.4	7.77e-03	12.7	12.7	12.7	12.7	15.8	34.8	-63.4	35.2	63.9	-22.8
451	ok	0.0	0.5	7.30e-03	12.7	12.7	12.7	12.7	12.0	42.0	-38.2	28.3	69.4	-31.4
452	ok	0.0	0.5	7.04e-03	12.7	12.7	12.7	12.7	7.9	47.5	-37.5	20.4	66.2	-42.9
453	ok	0.0	0.4	1.93e-03	12.7	12.7	12.7	12.7	18.0	4.6	-0.3	-44.7	-70.9	-42.0
454	ok	0.0	0.3	2.89e-03	12.7	12.7	12.7	12.7	-28.3	-7.6	-10.6	13.7	75.4	-22.7
455	ok	0.0	0.3	3.40e-03	12.7	12.7	12.7	12.7	19.2	10.7	0.6	-57.0	-54.2	19.7
456	ok	0.0	0.3	2.41e-03	12.7	12.7	12.7	12.7	-14.0	21.8	-9.9	-26.5	-64.6	-23.9
457	ok	0.0	0.4	2.03e-03	12.7	12.7	12.7	12.7	27.5	8.2	-0.9	-42.9	-71.3	-40.3
458	ok	0.0	0.4	2.07e-03	12.7	12.7	12.7	12.7	27.9	9.1	-2.3	-38.0	-70.9	-39.8
459	ok	0.0	0.4	2.15e-03	12.7	12.7	12.7	12.7	27.6	10.3	-3.0	-32.1	-66.7	-39.9
460	ok	0.0	0.4	2.32e-03	12.7	12.7	12.7	12.7	27.1	11.6	-2.9	-25.9	-57.7	-40.8
461	ok	0.0	0.3	2.46e-03	12.7	12.7	12.7	12.7	26.7	12.8	-2.1	-20.8	-42.0	-42.2
462	ok	0.0	0.3	2.53e-03	12.7	12.7	12.7	12.7	26.8	13.7	-0.6	-18.3	-18.8	-43.1
463	ok	0.0	0.3	2.72e-03	12.7	12.7	12.7	12.7	-24.4	-9.3	-10.0	21.2	35.3	-33.8
464	ok	0.0	0.3	2.68e-03	12.7	12.7	12.7	12.7	30.6	13.1	1.3	-63.9	18.0	-13.4
465	ok	0.0	0.3	2.76e-03	12.7	12.7	12.7	12.7	30.5	13.8	1.3	-74.6	-8.9	-1.5
466	ok	0.0	0.4	3.01e-03	12.7	12.7	12.7	12.7	30.7	14.3	1.8	-76.4	-28.0	8.1
467	ok	0.0	0.3	3.18e-03	12.7	12.7	12.7	12.7	31.1	14.7	2.5	-68.8	-43.1	14.4
468	ok	0.0	0.3	3.24e-03	12.7	12.7	12.7	12.7	19.7	10.2	0.2	-53.4	-64.8	9.7
469	ok	0.0	0.3	3.12e-03	12.7	12.7	12.7	12.7	19.8	10.0	-0.3	-46.8	-75.9	-1.5
470	ok	0.0	0.4	3.00e-03	12.7	12.7	12.7	12.7	19.7	9.8	-0.7	-39.6	-82.9	-11.1
471	ok	0.0	0.4	2.88e-03	12.7	12.7	12.7	12.7	19.3	9.7	-1.2	-31.2	-85.5	-19.5
472	ok	0.0	0.4	2.76e-03	12.7	12.7	12.7	12.7	18.3	9.6	-1.7	-23.2	-82.4	-25.7
473	ok	0.0	0.4	2.69e-03	12.7	12.7	12.7	12.7	-12.5	24.9	-13.7	-36.6	-83.2	-15.1
474	ok	0.0	0.4	2.69e-03	12.7	12.7	12.7	12.7	-15.5	23.3	-11.2	-32.2	-75.3	-19.0
475	ok	0.0	0.3	2.13e-03	12.7	12.7	12.7	12.7	-11.6	16.8	-11.7	-27.1	-64.9	-22.7
476	ok	0.0	0.4	1.99e-03	12.7	12.7	12.7	12.7	14.2	7.7	0.2	-25.4	-65.8	-38.9
477	ok	0.0	0.4	2.03e-03	12.7	12.7	12.7	12.7	15.4	6.6	9.98e-02	-35.5	-69.7	-42.4
478	ok	0.0	0.4	1.96e-03	12.7	12.7	12.7	12.7	16.6	5.6	-6.01e-02	-41.7	-71.4	-43.5
479	ok	0.0	0.3	3.02e-03	12.7	12.7	12.7	12.7	19.3	9.8	-0.3	-63.1	-52.4	2.8
480	ok	0.0	0.3	2.85e-03	12.7	12.7	12.7	12.7	30.4	13.8	1.4	-67.6	-39.3	-6.2
481	ok	0.0	0.3	2.70e-03	12.7	12.7	12.7	12.7	29.9	13.5	1.0	-65.2	-22.6	-16.4
482	ok	0.0	0.3	2.53e-03	12.7	12.7	12.7	12.7	29.2	13.4	0.9	-50.8	-4.8	-28.3
483	ok	0.0	0.3	2.90e-03	12.7	12.7	12.7	12.7	19.4	9.5	-0.6	-55.4	-64.3	-9.2
484	ok	0.0	0.3	2.68e-03	12.7	12.7	12.7	12.7	30.0	13.4	0.8	-59.6	-51.4	-17.5
485	ok	0.0	0.3	2.63e-03	12.7	12.7	12.7	12.7	29.2	13.2	0.4	-56.5	-38.8	-26.9
486	ok	0.0	0.3	2.47e-03	12.7	12.7	12.7	12.7	28.3	13.2	-7.98e-02	-43.3	-27.2	-36.3
487	ok	0.0	0.4	2.78e-03	12.7	12.7	12.7	12.7	19.3	9.2	-1.0	-48.0	-73.0	-19.0
488	ok	0.0	0.4	2.58e-03	12.7	12.7	12.7	12.7	18.9	8.7	-1.4	-51.5	-63.0	-26.8
489	ok	0.0	0.4	2.53e-03	12.7	12.7	12.7	12.7	28.7	12.7	-0.4	-50.0	-53.4	-33.8
490	ok	0.0	0.4	2.42e-03	12.7	12.7	12.7	12.7	27.8	12.6	-1.1	-39.6	-46.3	-39.9
491	ok	0.0	0.4	2.67e-03	12.7	12.7	12.7	12.7	18.8	8.9	-1.4	-40.6	-78.2	-26.9
492	ok	0.0	0.4	2.47e-03	12.7	12.7	12.7	12.7	18.6	8.3	-1.6	-45.4	-71.3	-33.4
493	ok	0.0	0.4	2.39e-03	12.7	12.7	12.7	12.7	28.1	12.1	-1.0	-45.5	-64.1	-38.2
494	ok	0.0	0.4	2.27e-03	12.7	12.7	12.7	12.7	27.6	11.8	-1.8	-38.8	-60.0	-41.4
495	ok	0.0	0.4	2.54e-03	12.7	12.7	12.7	12.7	18.0	8.7	-1.6	-34.4	-78.4	-32.2
496	ok	0.0	0.4	2.35e-03	12.7	12.7	12.7	12.7	18.0	8.0	-1.7	-40.9	-74.8	-37.5
497	ok	0.0	0.4	2.50e-03	12.7	12.7	12.7	12.7	18.0	7.5	-2.0	-41.6	-71.9	-41.3
498	ok	0.0	0.4	2.15e-03	12.7	12.7	12.7	12.7	27.4	10.9	-1.9	-39.7	-68.1	-42.1
499	ok	0.0	0.4	2.42e-03	12.7	12.7	12.7	12.7	16.6	8.8	-1.5	-27.3	-74.8	-35.2
500	ok	0.0	0.4	2.22e-03	12.7	12.7	12.7	12.7	17.0	7.8	-1.4	-36.2	-74.6	-39.8
501	ok	0.0	0.4	2.34e-03	12.7	12.7	12.7	12.7	17.5	7.0	-1.7	-40.2	-74.1	-42.6
502	ok	0.0	0.4	2.22e-03	12.7	12.7	12.7	12.7	18.0	6.4	-2.1	-39.5	-73.3	-42.8
503	ok	0.0	0.4	2.31e-03	12.7	12.7	12.7	12.7	14.7	8.8	-0.8	-19.9	-68.1	-35.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
504	ok	0.0	0.4	2.10e-03	12.7	12.7	12.7	12.7	15.7	7.7	-0.8	-31.2	-71.4	-40.2
505	ok	0.0	0.4	2.18e-03	12.7	12.7	12.7	12.7	16.6	6.8	-0.9	-38.3	-73.1	-42.9
506	ok	0.0	0.4	2.06e-03	12.7	12.7	12.7	12.7	17.6	5.9	-1.2	-41.3	-73.5	-43.2
507	ok	0.0	0.4	3.14e-03	12.7	12.7	12.7	12.7	32.3	11.8	1.9	-42.1	63.7	-15.1
508	ok	0.0	0.3	3.52e-03	12.7	12.7	12.7	12.7	18.8	11.1	0.7	-57.7	-47.1	25.3
509	ok	0.0	0.3	2.93e-03	12.7	12.7	12.7	12.7	19.1	8.9	-1.4	-67.1	32.8	2.6
510	ok	0.0	0.4	2.88e-03	12.7	12.7	12.7	12.7	30.8	14.0	1.3	-81.9	-2.8	11.0
511	ok	0.0	0.4	3.13e-03	12.7	12.7	12.7	12.7	30.9	14.6	2.0	-80.2	-24.3	17.8
512	ok	0.0	0.4	3.31e-03	12.7	12.7	12.7	12.7	31.0	15.1	2.6	-71.0	-38.6	21.7
513	ok	0.0	0.4	3.42e-03	12.7	12.7	12.7	12.7	20.1	7.6	-1.7	-45.3	79.7	10.9
514	ok	0.0	0.4	3.66e-03	12.7	12.7	12.7	12.7	18.3	11.6	0.7	-57.4	-40.4	29.5
515	ok	0.0	0.4	3.21e-03	12.7	12.7	12.7	12.7	19.1	8.9	-1.7	-76.7	33.6	22.2
516	ok	0.0	0.4	3.10e-03	12.7	12.7	12.7	12.7	31.0	14.5	1.2	-87.7	-3.4	25.9
517	ok	0.0	0.4	3.23e-03	12.7	12.7	12.7	12.7	31.0	15.2	2.0	-82.8	-24.1	28.6
518	ok	0.0	0.4	3.44e-03	12.7	12.7	12.7	12.7	31.0	15.5	2.7	-71.7	-35.8	28.6
519	ok	0.0	0.4	3.43e-03	12.7	12.7	12.7	12.7	19.5	7.7	-2.4	-54.7	68.0	31.7
520	ok	0.0	0.3	3.83e-03	12.7	12.7	12.7	12.7	17.9	12.0	0.6	-55.8	-35.4	31.0
521	ok	0.0	0.4	3.28e-03	12.7	12.7	12.7	12.7	18.8	9.2	-2.0	-84.2	24.3	39.3
522	ok	0.0	0.5	3.25e-03	12.7	12.7	12.7	12.7	31.1	15.0	1.2	-90.9	-10.2	38.2
523	ok	0.0	0.5	3.37e-03	12.7	12.7	12.7	12.7	31.2	15.6	2.1	-82.6	-28.2	36.7
524	ok	0.0	0.4	3.60e-03	12.7	12.7	12.7	12.7	31.1	15.9	2.7	-70.5	-35.2	33.2
526	ok	0.0	0.3	4.41e-03	12.7	12.7	12.7	12.7	25.0	-30.1	-19.3	-39.6	-30.9	20.3
530	ok	0.0	0.5	3.91e-03	12.7	12.7	12.7	12.7	35.5	15.1	1.5	-60.6	-68.3	43.3
531	ok	0.0	0.3	4.13e-03	12.7	12.7	12.7	12.7	33.5	15.9	0.5	-48.1	-50.8	25.2
532	ok	0.0	0.3	4.12e-03	12.7	12.7	12.7	12.7	17.6	12.7	-0.2	-48.6	-31.4	26.5
533	ok	0.0	0.4	3.85e-03	12.7	12.7	12.7	12.7	31.9	16.2	2.1	-62.5	-41.4	34.2
534	ok	0.0	0.5	3.56e-03	12.7	12.7	12.7	12.7	32.3	16.0	2.2	-76.5	-43.7	46.0
535	ok	0.0	0.6	3.39e-03	12.7	12.7	12.7	12.7	31.9	16.0	1.9	-91.8	-34.9	56.6
538	ok	0.0	0.2	4.95e-03	12.7	12.7	12.7	12.7	32.8	16.8	-3.9	-15.5	-28.0	-20.1
542	ok	0.0	0.4	4.55e-03	12.7	12.7	12.7	12.7	40.1	13.1	-4.3	-24.6	-86.5	13.6
543	ok	0.0	0.2	4.65e-03	12.7	12.7	12.7	12.7	29.2	-14.4	-21.9	-26.4	-42.6	9.4
544	ok	0.0	0.2	4.66e-03	12.7	12.7	12.7	12.7	26.8	-30.1	-19.6	-34.2	-30.7	10.7
545	ok	0.0	0.3	4.34e-03	12.7	12.7	12.7	12.7	27.3	-23.7	-19.9	-35.2	-46.9	21.1
546	ok	0.0	0.4	4.24e-03	12.7	12.7	12.7	12.7	38.6	13.7	-0.7	-43.7	-83.7	31.7
549	ok	0.0	0.4	1.81e-03	12.7	12.7	12.7	12.7	15.2	4.5	2.3	-46.0	-65.4	-45.0
550	ok	0.0	0.2	2.09e-03	12.7	12.7	12.7	12.7	9.3	8.8	3.5	34.5	-26.2	-19.0
551	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	16.8	4.4	1.0	-46.3	-68.4	-43.6
552	ok	0.0	0.3	2.23e-03	12.7	12.7	12.7	12.7	-12.6	21.0	-9.5	-22.2	-58.0	-15.6
553	ok	0.0	0.3	1.94e-03	12.7	12.7	12.7	12.7	-12.8	15.4	-10.7	-22.8	-49.7	-17.9
554	ok	0.0	0.3	1.92e-03	12.7	12.7	12.7	12.7	-7.1	-6.6	-3.8	-12.5	-51.9	-34.9
555	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	12.6	6.5	2.2	-25.9	-59.9	-39.2
556	ok	0.0	0.4	1.85e-03	12.7	12.7	12.7	12.7	13.9	5.5	2.3	-37.6	-64.1	-43.2
557	ok	0.0	0.3	1.99e-03	12.7	12.7	12.7	12.7	-11.6	16.6	-11.4	-25.2	-59.6	-21.2
558	ok	0.0	0.3	1.94e-03	12.7	12.7	12.7	12.7	-7.5	-6.3	-3.5	-19.3	-58.3	-37.4
559	ok	0.0	0.4	1.92e-03	12.7	12.7	12.7	12.7	14.0	6.5	1.1	-31.5	-65.1	-41.1
560	ok	0.0	0.4	1.90e-03	12.7	12.7	12.7	12.7	15.3	5.5	1.1	-40.5	-68.2	-43.6
561	ok	0.0	0.4	1.76e-03	12.7	12.7	12.7	12.7	11.8	4.6	4.1	-40.7	-58.4	-46.3
562	ok	0.0	0.3	2.36e-03	12.7	12.7	12.7	12.7	-2.7	14.8	0.6	83.1	4.2	8.6
563	ok	0.0	0.4	1.77e-03	12.7	12.7	12.7	12.7	13.5	4.5	3.3	-44.1	-62.1	-45.8
564	ok	0.0	0.3	2.50e-03	12.7	12.7	12.7	12.7	14.7	-14.9	6.1	69.0	13.9	4.8
565	ok	0.0	0.2	2.19e-03	12.7	12.7	12.7	12.7	7.8	7.6	4.4	30.8	-27.7	-10.6
566	ok	0.0	0.2	1.88e-03	12.7	12.7	12.7	12.7	9.0	7.6	4.0	9.6	-40.8	-24.1
567	ok	0.0	0.3	1.84e-03	12.7	12.7	12.7	12.7	-7.3	-5.9	-4.7	-11.1	-46.7	-37.3
568	ok	0.0	0.4	1.81e-03	12.7	12.7	12.7	12.7	10.9	5.6	4.0	-27.4	-55.2	-41.8
569	ok	0.0	0.2	2.00e-03	12.7	12.7	12.7	12.7	-6.4	-7.5	-3.8	12.3	-34.9	-22.4
570	ok	0.0	0.3	1.89e-03	12.7	12.7	12.7	12.7	-10.8	16.1	1.3	-18.8	-38.9	-24.5
571	ok	0.0	0.3	1.85e-03	12.7	12.7	12.7	12.7	11.3	6.5	3.2	-19.0	-54.8	-36.9
572	ok	0.0	0.4	1.82e-03	12.7	12.7	12.7	12.7	12.4	5.6	3.2	-33.2	-59.9	-42.7
573	ok	0.0	0.3	2.13e-03	12.7	12.7	12.7	12.7	6.9	4.2	4.8	-20.5	-43.1	-42.1
574	ok	0.0	0.6	2.78e-03	12.7	12.7	12.7	12.7	-12.2	-9.4	-2.4	128.9	11.2	19.4
575	ok	0.0	0.4	1.92e-03	12.7	12.7	12.7	12.7	8.2	4.6	4.9	-28.6	-48.2	-45.0
576	ok	0.0	0.4	1.79e-03	12.7	12.7	12.7	12.7	9.9	4.6	4.7	-35.4	-53.6	-46.2
577	ok	0.0	0.4	2.16e-03	12.7	12.7	12.7	12.7	17.8	-16.5	8.5	76.4	-10.6	17.2
578	ok	0.0	0.4	2.03e-03	12.7	12.7	12.7	12.7	8.5	5.8	5.5	97.1	-12.3	24.2
579	ok	0.0	0.5	2.44e-03	12.7	12.7	12.7	12.7	17.4	-10.2	9.6	106.4	32.4	-7.5
580	ok	0.0	0.3	2.16e-03	12.7	12.7	12.7	12.7	15.1	-1.3	5.5	66.9	11.7	-19.8
581	ok	0.0	0.2	2.13e-03	12.7	12.7	12.7	12.7	6.9	6.5	5.3	26.3	-19.7	-26.1
582	ok	0.0	0.2	2.11e-03	12.7	12.7	12.7	12.7	-7.3	-4.8	-5.0	-3.9	-28.7	-35.5
583	ok	0.0	0.3	1.89e-03	12.7	12.7	12.7	12.7	18.1	-14.3	8.1	62.2	-18.6	-5.6
584	ok	0.0	0.2	1.90e-03	12.7	12.7	12.7	12.7	8.2	7.3	4.8	25.7	-34.6	-20.3
585	ok	0.0	0.3	1.87e-03	12.7	12.7	12.7	12.7	8.8	6.5	4.7	1.5	-42.4	-32.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
586	ok	0.0	0.3	1.83e-03	12.7	12.7	12.7	12.7	9.4	5.6	4.7	-19.2	-48.9	-40.6
587	ok	0.0	0.3	2.05e-03	12.7	12.7	12.7	12.7	11.9	12.3	8.2	74.1	-18.8	2.7
588	ok	0.0	0.3	2.09e-03	12.7	12.7	12.7	12.7	7.5	7.0	5.0	44.1	-24.7	-18.7
589	ok	0.0	0.2	1.95e-03	12.7	12.7	12.7	12.7	7.9	6.4	5.1	14.2	-32.6	-30.4
590	ok	0.0	0.3	1.93e-03	12.7	12.7	12.7	12.7	8.1	5.5	5.1	-10.0	-41.3	-38.4
591	ok	0.0	0.4	2.10e-03	12.7	12.7	12.7	12.7	0.6	0.8	0.8	-72.0	-26.8	-35.7
592	ok	0.0	1.0	4.89e-03	12.7	34.8	12.7	29.7	-48.0	-24.0	23.1	503.1	404.0	-126.9
593	ok	0.0	0.7	1.17e-03	12.7	12.7	12.7	12.7	5.5	8.4	5.1	-135.4	-85.1	-39.7
594	ok	0.0	0.9	3.72e-03	12.7	14.5	12.7	12.7	17.6	-25.9	6.4	177.9	176.2	-29.7
595	ok	0.0	0.9	3.00e-03	12.7	13.8	12.7	12.7	-6.9	3.3	3.7	205.1	132.1	53.9
596	ok	0.0	0.4	2.28e-03	12.7	12.7	12.7	12.7	8.1	8.0	12.8	90.6	45.1	21.2
597	ok	0.0	0.3	2.34e-03	12.7	12.7	12.7	12.7	11.4	10.8	10.5	60.8	4.4	8.5
598	ok	0.0	0.1	1.62e-03	12.7	12.7	12.7	12.7	4.16e-02	17.1	0.4	-0.1	21.3	10.8
599	ok	0.0	0.7	2.67e-03	12.7	12.7	12.7	12.7	12.6	5.9	2.9	172.6	85.4	8.1
600	ok	0.0	0.4	2.78e-03	12.7	12.7	12.7	12.7	19.4	4.5	3.0	83.9	41.7	-1.7
601	ok	0.0	0.2	2.41e-03	12.7	12.7	12.7	12.7	15.6	4.6	7.2	42.8	8.0	-11.4
602	ok	0.0	0.2	2.32e-03	12.7	12.7	12.7	12.7	6.2	5.0	5.3	13.0	-23.2	-24.9
763	ok	0.0	0.9	1.48e-02	49.7	44.7	34.7	47.7	1.8	-13.9	-7.2	445.5	511.6	270.4
771	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	28.6	6.1	0.4	-47.5	-67.5	-38.0
772	ok	0.0	0.4	1.83e-03	12.7	12.7	12.7	12.7	31.4	4.7	-0.2	-46.9	-62.8	-32.4
773	ok	0.0	0.3	1.93e-03	12.7	12.7	12.7	12.7	35.0	3.4	-1.0	-44.6	-54.6	-25.1
774	ok	0.0	0.3	2.13e-03	12.7	12.7	12.7	12.7	16.1	0.7	-4.2	-48.8	-34.4	-30.4
775	ok	0.0	0.3	2.45e-03	12.7	12.7	12.7	12.7	17.4	0.9	-4.6	-39.6	-21.1	-26.6
776	ok	0.0	0.5	3.34e-03	12.7	12.7	12.7	12.7	-2.7	-3.0	11.0	81.7	58.9	13.4
777	ok	0.0	1.0	5.11e-03	18.8	21.8	12.7	13.4	7.3	-13.1	-0.4	198.4	49.8	171.8
827	ok	0.0	0.5	2.89e-03	12.7	12.7	12.7	12.7	-5.4	-11.2	-9.0	93.4	94.2	25.1
828	ok	0.0	0.9	7.38e-03	12.7	33.1	26.0	27.5	-52.6	-8.1	34.6	529.0	63.0	-73.2
829	ok	0.0	0.4	1.75e-03	12.7	12.7	12.7	12.7	16.6	3.5	2.4	-51.0	-63.7	-44.5
830	ok	0.0	0.4	1.77e-03	12.7	12.7	12.7	12.7	26.9	4.5	5.0	-55.3	-59.7	-41.4
831	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	28.9	3.4	5.4	-55.8	-52.7	-38.6
832	ok	0.0	0.4	2.03e-03	12.7	12.7	12.7	12.7	10.7	0.4	-1.7	-56.3	-39.5	-41.2
833	ok	0.0	0.4	2.24e-03	12.7	12.7	12.7	12.7	11.2	0.2	-2.6	-59.9	-36.3	-42.7
834	ok	0.0	0.4	2.56e-03	12.7	12.7	12.7	12.7	11.1	-1.0	-4.7	-47.1	-31.6	-40.6
835	ok	0.0	0.4	4.00e-03	12.7	12.7	12.7	12.7	7.3	-10.0	-12.5	82.5	64.4	25.6
836	ok	0.0	0.4	1.80e-03	12.7	12.7	12.7	12.7	27.2	5.7	2.7	-50.8	-65.8	-40.5
837	ok	0.0	0.4	1.80e-03	12.7	12.7	12.7	12.7	29.6	4.3	2.5	-52.4	-60.9	-37.0
838	ok	0.0	0.4	1.94e-03	12.7	12.7	12.7	12.7	32.8	3.1	2.6	-51.4	-53.2	-32.2
839	ok	0.0	0.4	2.14e-03	12.7	12.7	12.7	12.7	14.2	8.11e-02	-3.3	-52.9	-35.1	-38.4
840	ok	0.0	0.4	2.46e-03	12.7	12.7	12.7	12.7	16.0	1.5	-2.9	-56.0	-29.4	-36.8
841	ok	0.0	0.4	3.26e-03	12.7	12.7	12.7	12.7	-0.8	-6.3	-11.1	67.7	36.2	30.5
842	ok	0.0	0.6	4.44e-03	12.7	12.7	12.7	12.7	5.3	-16.4	-10.9	104.9	93.6	42.5
843	ok	0.0	0.7	3.13e-03	12.7	12.7	12.7	12.7	4.5	-3.7	9.1	129.5	31.8	60.1
844	ok	0.0	0.3	1.29e-03	12.7	12.7	12.7	12.7	1.1	-6.2	-5.0	62.5	25.2	29.7
845	ok	0.0	0.4	1.71e-03	12.7	12.7	12.7	12.7	12.5	3.8	4.2	-49.7	-59.0	-48.7
846	ok	0.0	0.5	1.65e-03	12.7	12.7	12.7	12.7	13.1	3.1	4.3	-55.0	-57.2	-49.4
847	ok	0.0	0.5	1.65e-03	12.7	12.7	12.7	12.7	20.6	4.3	7.7	-59.4	-52.9	-47.6
848	ok	0.0	0.4	1.65e-03	12.7	12.7	12.7	12.7	20.3	4.0	7.7	-58.6	-46.7	-46.1
849	ok	0.0	0.4	1.62e-03	12.7	12.7	12.7	12.7	7.6	-0.7	-2.5	-56.7	-42.3	-45.0
850	ok	0.0	0.4	1.61e-03	12.7	12.7	12.7	12.7	10.1	6.6	7.8	-46.1	-44.0	-44.7
851	ok	0.0	0.3	7.57e-04	12.7	12.7	12.7	12.7	0.2	-3.7	-1.1	-3.3	-61.0	8.2
852	ok	0.0	0.4	1.72e-03	12.7	12.7	12.7	12.7	14.6	3.7	3.5	-51.1	-61.5	-46.9
853	ok	0.0	0.4	1.71e-03	12.7	12.7	12.7	12.7	23.5	4.8	6.5	-56.6	-58.3	-45.0
854	ok	0.0	0.4	1.78e-03	12.7	12.7	12.7	12.7	24.9	4.0	7.0	-57.9	-53.1	-43.5
855	ok	0.0	0.4	1.85e-03	12.7	12.7	12.7	12.7	8.1	7.12e-02	-1.4	-58.6	-42.7	-44.1
856	ok	0.0	0.4	1.92e-03	12.7	12.7	12.7	12.7	8.4	9.49e-02	-2.3	-58.8	-39.3	-42.2
857	ok	0.0	0.4	1.96e-03	12.7	12.7	12.7	12.7	9.0	6.9	7.7	-45.4	-45.7	-45.7
858	ok	0.0	0.4	1.80e-03	12.7	12.7	12.7	12.7	9.1	6.7	7.9	-32.2	-45.9	-36.4
859	ok	0.0	0.1	1.87e-03	12.7	12.7	12.7	12.7	-2.2	-1.8	-1.5	2.1	6.7	6.7
860	ok	0.0	0.7	3.82e-04	12.7	12.7	12.7	12.7	14.9	58.2	-26.8	47.0	115.4	-70.3
861	ok	0.0	0.3	1.90e-03	12.7	12.7	12.7	12.7	0.8	1.1	1.0	-61.0	-24.8	-32.7
862	ok	0.0	0.4	2.31e-03	12.7	12.7	12.7	12.7	6.6	3.2	4.3	-36.1	-49.4	-48.8
863	ok	0.0	0.7	1.25e-03	12.7	12.7	12.7	12.7	4.2	6.7	4.5	-136.7	-77.2	-51.8
864	ok	0.0	0.7	1.34e-03	12.7	12.7	12.7	12.7	4.6	13.4	7.4	-116.0	-83.1	-62.1
865	ok	0.0	0.6	6.94e-03	12.7	12.7	12.7	12.7	-72.1	-2.8	0.9	115.8	9.6	-72.3
866	ok	0.0	0.9	5.12e-03	12.7	12.7	23.2	22.3	-35.8	47.3	-44.4	-12.3	-380.6	31.2
867	ok	0.0	0.2	2.18e-03	12.7	12.7	12.7	12.7	-9.1	-1.4	-4.4	-24.7	-2.3	-10.5
868	ok	0.0	4.74e-02	1.18e-03	12.7	12.7	12.7	12.7	1.9	17.0	5.3	1.16e-02	7.2	-2.3
869	ok	0.0	0.4	1.83e-03	12.7	12.7	12.7	12.7	10.2	3.8	4.6	-46.6	-55.7	-49.8
870	ok	0.0	0.5	1.79e-03	12.7	12.7	12.7	12.7	10.3	3.1	4.6	-53.9	-55.6	-51.9
871	ok	0.0	0.5	1.81e-03	12.7	12.7	12.7	12.7	16.0	4.4	7.5	-59.9	-52.3	-51.3
872	ok	0.0	0.5	1.84e-03	12.7	12.7	12.7	12.7	15.3	3.9	7.2	-60.9	-47.6	-50.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
873	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	10.8	6.2	8.0	-53.8	-45.7	-49.7
874	ok	0.0	0.5	2.31e-03	12.7	12.7	12.7	12.7	8.1	-1.6	1.6	109.3	29.6	34.3
875	ok	0.0	0.2	2.04e-03	12.7	12.7	12.7	12.7	5.4	3.9	4.6	-41.4	-18.7	-24.7
876	ok	0.0	0.4	1.97e-03	12.7	12.7	12.7	12.7	8.2	3.6	4.6	-41.8	-52.5	-50.1
877	ok	0.0	0.5	2.20e-03	12.7	12.7	12.7	12.7	7.9	2.9	4.3	-51.4	-53.6	-53.5
878	ok	0.0	0.5	2.23e-03	12.7	12.7	12.7	12.7	6.5	2.2	3.7	-55.1	-53.7	-57.5
879	ok	0.0	0.2	9.09e-04	12.7	12.7	12.7	12.7	0.3	-0.9	-1.0	-3.5	-46.7	10.9
880	ok	0.0	0.4	7.21e-03	12.7	12.7	12.7	12.7	22.8	9.32e-03	3.9	-76.8	-14.8	20.3
881	ok	0.0	0.4	2.01e-03	12.7	12.7	12.7	12.7	0.5	0.5	0.5	-79.9	-24.6	-35.6
882	ok	0.0	0.6	1.68e-03	12.7	12.7	12.7	12.7	8.4	18.1	11.8	-88.2	-46.9	-66.6
883	ok	0.0	0.9	9.83e-04	12.7	12.7	12.7	15.1	15.8	51.6	-32.1	65.3	182.8	-83.2
884	ok	0.0	0.7	6.80e-05	12.7	12.7	12.7	12.7	1.4	2.1	-2.5	-39.6	-122.4	67.0
885	ok	0.0	0.9	1.79e-02	12.7	12.7	12.7	12.7	169.7	-16.6	-40.6	168.4	22.7	14.7
886	ok	0.0	0.4	1.44e-03	12.7	12.7	12.7	12.7	11.1	143.8	16.9	-3.2	-43.6	51.0
887	ok	0.0	1.0	2.30e-02	12.7	12.7	13.1	26.4	-30.2	294.6	31.7	5.6	394.2	-18.1
888	ok	0.0	1.0	2.08e-02	12.7	12.7	12.7	18.1	25.1	307.4	-28.4	7.0	247.9	14.8
889	ok	0.0	0.5	2.54e-03	12.7	12.7	12.7	12.7	-10.1	7.60e-02	-14.6	66.5	71.4	57.4
890	ok	0.0	0.3	2.29e-03	12.7	12.7	12.7	12.7	-0.6	-1.0	-0.6	49.8	19.4	33.2
891	ok	0.0	0.6	2.63e-03	12.7	12.7	12.7	12.7	4.8	-0.7	1.1	97.4	32.6	60.4
892	ok	0.0	0.3	1.04e-03	12.7	12.7	12.7	12.7	0.3	-1.4	-0.8	34.4	43.8	32.7
893	ok	0.0	0.2	2.34e-03	12.7	12.7	12.7	12.7	-19.7	-7.9	-9.6	31.5	32.4	22.0
894	ok	0.0	0.9	1.22e-02	12.7	12.7	12.7	12.7	4.3	202.3	-10.9	4.7	174.1	14.9
895	ok	0.0	0.6	1.84e-03	12.7	12.7	12.7	12.7	1.5	-1.5	-1.6	115.0	45.0	50.1
896	ok	0.0	0.3	7.25e-03	12.7	12.7	12.7	12.7	-76.7	-3.2	0.7	35.6	15.8	-53.2
897	ok	0.0	0.5	1.73e-03	12.7	12.7	12.7	12.7	-8.9	-3.1	-5.2	-98.5	-26.5	-52.9
898	ok	0.0	0.7	2.04e-04	12.7	12.7	12.7	12.7	2.1	33.6	-6.4	-72.2	-140.8	21.0
927	ok	0.0	0.3	5.69e-03	12.7	12.7	12.7	12.7	1.7	52.7	-26.8	-6.4	28.7	-43.1
928	ok	0.0	0.3	5.38e-03	12.7	12.7	12.7	12.7	4.0	47.8	-25.7	10.1	24.8	-34.9
929	ok	0.0	0.2	4.82e-03	12.7	12.7	12.7	12.7	3.2	44.8	-22.3	-17.4	31.3	-13.4
930	ok	0.0	0.2	5.11e-03	12.7	12.7	12.7	12.7	2.2	44.2	-24.8	-9.4	23.0	-26.2
931	ok	0.0	0.3	5.11e-03	12.7	12.7	12.7	12.7	3.4	48.2	-20.8	-15.8	43.2	-21.9
932	ok	0.0	0.3	5.46e-03	12.7	12.7	12.7	12.7	1.7	51.7	-24.2	-4.6	38.4	-32.5
933	ok	0.0	0.2	4.43e-03	12.7	12.7	12.7	12.7	-5.8	-42.9	18.9	8.7	-54.8	28.2
934	ok	0.0	0.4	5.91e-03	12.7	12.7	12.7	12.7	8.3	54.4	-20.4	50.4	76.5	8.1
935	ok	0.0	0.3	4.78e-03	12.7	12.7	12.7	12.7	25.4	26.3	-31.8	17.2	53.4	7.6
936	ok	0.0	0.9	5.95e-03	12.7	13.5	17.9	20.8	29.9	-33.1	-17.6	94.4	191.3	-77.4
937	ok	0.0	0.4	5.36e-03	12.7	12.7	12.7	12.7	5.7	57.4	-20.4	32.1	67.6	17.7
938	ok	0.0	0.6	5.62e-03	12.7	12.7	12.7	12.7	34.4	-36.9	-28.2	69.3	87.4	22.3
939	ok	0.0	0.3	4.10e-03	12.7	12.7	12.7	12.7	17.4	12.4	1.6	-34.0	-28.8	29.2
940	ok	0.0	0.2	4.43e-03	12.7	12.7	12.7	12.7	-7.2	-33.8	18.2	-11.9	-38.1	23.9
941	ok	0.0	0.2	4.25e-03	12.7	12.7	12.7	12.7	-5.7	-39.6	18.8	-3.3	-50.8	29.9
942	ok	0.0	0.2	4.62e-03	12.7	12.7	12.7	12.7	3.7	47.2	-20.1	-25.2	44.0	1.2
943	ok	0.0	0.4	3.73e-03	12.7	12.7	12.7	12.7	-3.4	17.3	-28.1	-29.1	-71.0	18.4
944	ok	0.0	0.3	5.41e-03	12.7	12.7	12.7	12.7	-4.5	-58.2	16.2	12.8	-90.4	2.2
945	ok	0.0	0.4	7.24e-03	12.7	12.7	12.7	12.7	39.6	-86.1	4.8	-28.5	-98.1	-23.9
946	ok	0.0	0.3	3.96e-03	12.7	12.7	12.7	12.7	27.7	10.0	-4.2	-67.3	-51.9	-8.3
947	ok	0.0	0.4	3.87e-03	12.7	12.7	12.7	12.7	-5.5	38.2	-30.5	-37.8	-73.7	29.4
948	ok	0.0	0.4	4.10e-03	12.7	12.7	12.7	12.7	-3.6	41.8	-28.5	-25.0	-84.6	18.8
949	ok	0.0	0.5	4.37e-03	12.7	12.7	12.7	12.7	-4.7	45.4	-28.4	-27.9	-94.6	17.0
950	ok	0.0	0.5	4.44e-03	12.7	12.7	12.7	12.7	25.5	12.6	-5.2	-18.4	-103.4	12.0
951	ok	0.0	0.5	4.64e-03	12.7	12.7	12.7	12.7	25.0	12.2	-3.6	-15.7	-107.3	10.3
952	ok	0.0	0.5	4.88e-03	12.7	12.7	12.7	12.7	24.8	11.6	-2.1	-10.6	-104.2	9.5
953	ok	0.0	0.4	5.16e-03	12.7	12.7	12.7	12.7	24.6	11.1	-0.6	-1.4	-94.4	9.5
954	ok	0.0	0.3	5.85e-03	12.7	12.7	12.7	12.7	28.9	-65.0	15.2	5.5	-92.0	-6.3
955	ok	0.0	0.4	6.29e-03	12.7	12.7	12.7	12.7	16.2	-40.3	27.7	-14.5	-85.2	-18.4
956	ok	0.0	0.4	6.74e-03	12.7	12.7	12.7	12.7	18.6	-46.7	25.6	-29.7	-85.7	-22.4
957	ok	0.0	0.4	6.75e-03	12.7	12.7	12.7	12.7	35.9	-80.0	3.8	-31.6	-99.9	-24.8
958	ok	0.0	0.4	6.24e-03	12.7	12.7	12.7	12.7	32.2	-70.7	2.3	-35.0	-95.0	-24.7
959	ok	0.0	0.5	5.77e-03	12.7	12.7	12.7	12.7	30.5	11.5	-4.8	-39.9	-103.7	-14.4
960	ok	0.0	0.4	5.34e-03	12.7	12.7	12.7	12.7	30.0	11.6	-5.4	-46.5	-99.8	-13.9
961	ok	0.0	0.4	4.95e-03	12.7	12.7	12.7	12.7	29.5	11.4	-5.6	-52.7	-91.2	-12.9
962	ok	0.0	0.4	4.60e-03	12.7	12.7	12.7	12.7	28.9	11.1	-5.5	-58.4	-79.3	-11.5
963	ok	0.0	0.3	4.26e-03	12.7	12.7	12.7	12.7	28.3	10.6	-5.0	-63.3	-65.7	-10.0
964	ok	0.0	0.3	3.85e-03	12.7	12.7	12.7	12.7	28.6	9.1	-4.8	-66.7	-53.1	-2.4
965	ok	0.0	0.3	3.71e-03	12.7	12.7	12.7	12.7	29.6	8.5	-5.5	-59.0	-51.4	3.8
966	ok	0.0	0.3	3.55e-03	12.7	12.7	12.7	12.7	-7.0	23.1	-23.4	-39.8	-57.6	22.9
967	ok	0.0	0.4	6.36e-03	12.7	12.7	12.7	12.7	34.5	-74.1	6.4	-24.9	-98.2	-18.1
968	ok	0.0	0.4	5.97e-03	12.7	12.7	12.7	12.7	31.7	-65.2	8.4	-15.6	-96.8	-12.6
969	ok	0.0	0.4	5.57e-03	12.7	12.7	12.7	12.7	30.0	-61.4	11.7	-6.5	-96.4	-5.9
970	ok	0.0	0.4	5.93e-03	12.7	12.7	12.7	12.7	32.0	-68.6	5.0	-29.9	-93.8	-19.7
971	ok	0.0	0.4	5.60e-03	12.7	12.7	12.7	12.7	28.3	10.9	-3.0	-22.8	-101.9	-2.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
972	ok	0.0	0.4	5.25e-03	12.7	12.7	12.7	12.7	26.5	11.2	-2.6	-15.6	-103.4	3.5
973	ok	0.0	0.4	5.53e-03	12.7	12.7	12.7	12.7	29.6	11.1	-4.6	-36.6	-104.0	-7.8
974	ok	0.0	0.5	5.25e-03	12.7	12.7	12.7	12.7	28.3	11.2	-4.4	-30.4	-105.1	-0.9
975	ok	0.0	0.5	4.96e-03	12.7	12.7	12.7	12.7	26.7	11.6	-4.2	-22.8	-106.4	5.6
976	ok	0.0	0.4	5.15e-03	12.7	12.7	12.7	12.7	29.4	11.1	-5.5	-43.7	-100.7	-6.4
977	ok	0.0	0.4	4.92e-03	12.7	12.7	12.7	12.7	28.4	11.2	-5.6	-37.3	-101.7	1.1
978	ok	0.0	0.4	4.67e-03	12.7	12.7	12.7	12.7	27.2	11.7	-5.6	-28.5	-102.4	7.9
979	ok	0.0	0.4	4.79e-03	12.7	12.7	12.7	12.7	29.3	10.9	-6.0	-50.4	-92.4	-5.0
980	ok	0.0	0.4	4.59e-03	12.7	12.7	12.7	12.7	29.0	10.8	-6.4	-44.0	-92.6	2.9
981	ok	0.0	0.4	4.39e-03	12.7	12.7	12.7	12.7	28.0	11.6	-6.9	-33.0	-92.8	10.1
982	ok	0.0	0.4	4.46e-03	12.7	12.7	12.7	12.7	29.4	10.3	-6.0	-57.0	-80.4	-3.7
983	ok	0.0	0.4	4.29e-03	12.7	12.7	12.7	12.7	29.5	10.2	-6.7	-49.8	-80.2	4.1
984	ok	0.0	0.4	4.09e-03	12.7	12.7	12.7	12.7	-4.2	26.4	-25.9	-34.0	-82.1	18.6
985	ok	0.0	0.3	4.15e-03	12.7	12.7	12.7	12.7	29.2	9.7	-5.6	-62.4	-66.9	-2.9
986	ok	0.0	0.3	3.99e-03	12.7	12.7	12.7	12.7	29.8	9.3	-6.4	-54.9	-65.8	4.3
987	ok	0.0	0.4	3.82e-03	12.7	12.7	12.7	12.7	30.7	9.5	-7.4	-40.7	-61.7	10.9
988	ok	0.0	0.3	5.60e-03	12.7	12.7	12.7	12.7	-4.8	-59.7	17.7	21.1	-86.3	3.0
989	ok	0.0	0.4	7.70e-03	12.7	12.7	12.7	12.7	42.0	-92.6	5.7	-27.4	-96.3	-19.4
990	ok	0.0	0.3	6.14e-03	12.7	12.7	12.7	12.7	-5.2	-67.4	17.2	12.0	-88.7	-7.1
991	ok	0.0	0.3	6.62e-03	12.7	12.7	12.7	12.7	16.6	-42.2	30.0	-10.0	-80.0	-20.8
992	ok	0.0	0.4	7.14e-03	12.7	12.7	12.7	12.7	19.2	-50.4	27.4	-28.5	-80.5	-23.4
993	ok	0.0	0.3	5.75e-03	12.7	12.7	12.7	12.7	-5.1	-60.6	19.3	31.4	-74.5	3.5
994	ok	0.0	0.3	8.19e-03	12.7	12.7	12.7	12.7	21.9	-60.7	27.6	-44.6	-77.6	-19.4
995	ok	0.0	0.3	6.42e-03	12.7	12.7	12.7	12.7	36.4	-68.1	19.1	20.2	-81.7	-9.6
996	ok	0.0	0.3	7.01e-03	12.7	12.7	12.7	12.7	17.7	-44.5	32.5	-5.0	-68.3	-24.7
997	ok	0.0	0.3	7.65e-03	12.7	12.7	12.7	12.7	20.2	-53.9	29.3	-28.0	-68.0	-24.0
998	ok	0.0	0.4	8.86e-03	12.7	12.7	12.7	12.7	22.8	-61.0	28.4	-44.0	-62.7	-16.5
999	ok	0.0	0.4	7.61e-03	12.7	12.7	12.7	12.7	-34.4	80.4	-20.8	33.3	78.1	-5.1
1000	ok	0.0	0.4	7.52e-03	12.7	12.7	12.7	12.7	40.2	-80.8	19.7	8.8	-59.9	-16.9
1001	ok	0.0	0.4	8.57e-03	12.7	12.7	12.7	12.7	22.6	-53.7	30.1	-30.5	-52.4	-22.3
1002	ok	0.0	0.5	1.01e-02	12.7	12.7	12.7	12.7	-22.9	65.1	-32.9	37.6	79.3	8.8
1003	ok	0.0	0.5	9.55e-03	12.7	12.7	12.7	12.7	-48.6	75.1	32.9	-43.5	59.6	-12.7
1004	ok	0.0	0.5	8.42e-03	12.7	12.7	12.7	12.7	-20.3	45.8	-32.0	17.0	85.5	9.4
1005	ok	0.0	0.7	7.61e-03	12.7	12.7	12.7	12.7	-41.9	-27.2	-16.7	163.1	151.0	33.3
1006	ok	0.0	0.3	3.68e-03	12.7	12.7	12.7	12.7	19.8	10.9	1.2	-37.1	-63.7	24.4
1007	ok	0.0	0.4	3.17e-03	12.7	12.7	12.7	12.7	-9.0	26.1	-5.6	-41.2	-75.8	-15.9
1008	ok	0.0	0.4	3.56e-03	12.7	12.7	12.7	12.7	20.5	10.6	0.6	-36.0	-77.5	16.4
1009	ok	0.0	0.4	3.46e-03	12.7	12.7	12.7	12.7	20.7	10.6	-6.82e-02	-32.7	-87.9	7.6
1010	ok	0.0	0.4	3.35e-03	12.7	12.7	12.7	12.7	20.5	10.9	-0.8	-25.6	-94.6	-1.0
1011	ok	0.0	0.4	3.23e-03	12.7	12.7	12.7	12.7	20.2	11.0	-1.4	-17.3	-94.6	-8.0
1012	ok	0.0	0.4	3.31e-03	12.7	12.7	12.7	12.7	-4.7	32.9	-22.5	-29.0	-93.7	3.2
1013	ok	0.0	0.4	3.22e-03	12.7	12.7	12.7	12.7	-12.7	34.5	-13.4	-28.0	-95.3	-7.1
1014	ok	0.0	0.4	3.65e-03	12.7	12.7	12.7	12.7	-14.2	30.1	-12.8	-42.8	-84.9	-26.1
1015	ok	0.0	0.3	3.94e-03	12.7	12.7	12.7	12.7	20.4	10.8	1.5	-24.3	-67.5	25.8
1016	ok	0.0	1.0	3.07e-03	16.6	17.3	15.4	12.7	9.7	-14.4	-1.7	182.2	109.5	120.2
1017	ok	0.0	0.4	3.87e-03	12.7	12.7	12.7	12.7	21.0	10.8	0.6	-25.8	-83.0	18.6
1018	ok	0.0	0.4	3.75e-03	12.7	12.7	12.7	12.7	21.3	11.0	-0.2	-24.4	-93.6	11.3
1019	ok	0.0	0.4	3.61e-03	12.7	12.7	12.7	12.7	21.2	11.4	-1.0	-19.7	-99.1	4.5
1020	ok	0.0	0.4	3.50e-03	12.7	12.7	12.7	12.7	-5.0	21.6	-24.0	-26.8	-83.0	10.7
1021	ok	0.0	0.4	3.59e-03	12.7	12.7	12.7	12.7	-3.8	39.1	-22.8	-23.1	-94.2	9.0
1022	ok	0.0	0.6	4.59e-03	12.7	12.7	12.7	12.7	-16.9	45.6	-15.7	-36.8	-126.9	-6.3
1023	ok	0.0	0.5	4.04e-03	12.7	12.7	12.7	12.7	-16.7	48.9	-13.7	-30.5	-105.4	-25.4
1024	ok	0.0	0.3	4.27e-03	12.7	12.7	12.7	12.7	21.0	10.9	1.4	-12.3	-71.6	25.0
1025	ok	0.0	1.0	4.68e-03	25.2	31.4	34.4	39.5	8.7	-31.0	6.6	235.8	483.7	220.5
1026	ok	0.0	0.4	4.17e-03	12.7	12.7	12.7	12.7	21.6	11.0	0.4	-16.7	-88.0	18.8
1027	ok	0.0	0.4	4.01e-03	12.7	12.7	12.7	12.7	21.9	11.3	-0.5	-18.3	-97.7	13.3
1028	ok	0.0	0.4	3.87e-03	12.7	12.7	12.7	12.7	21.9	11.9	-1.5	-15.4	-102.7	8.2
1029	ok	0.0	0.4	4.00e-03	12.7	12.7	12.7	12.7	-4.2	43.1	-24.3	-24.5	-85.6	13.5
1030	ok	0.0	0.4	4.00e-03	12.7	12.7	12.7	12.7	-4.0	44.7	-23.2	-20.8	-93.4	12.0
1031	ok	0.0	0.5	3.82e-03	12.7	12.7	12.7	12.7	-10.5	41.3	-17.9	-30.4	-119.0	5.0
1032	ok	0.0	1.0	4.25e-03	12.7	12.7	22.2	15.5	10.1	24.7	-4.4	-79.8	-358.8	41.0
1033	ok	0.0	0.3	4.87e-03	12.7	12.7	12.7	12.7	-4.1	-51.1	16.9	10.1	-86.7	9.6
1034	ok	0.0	1.0	3.68e-03	13.9	13.4	13.5	12.7	-12.9	23.5	-3.2	-21.0	-85.6	156.1
1035	ok	0.0	0.4	4.70e-03	12.7	12.7	12.7	12.7	22.9	11.1	-2.72e-02	-4.9	-92.8	16.5
1036	ok	0.0	0.5	4.47e-03	12.7	12.7	12.7	12.7	23.1	11.7	-1.3	-10.4	-103.0	13.5
1037	ok	0.0	0.5	4.27e-03	12.7	12.7	12.7	12.7	23.3	12.3	-2.6	-12.2	-106.2	11.8
1038	ok	0.0	0.5	4.31e-03	12.7	12.7	12.7	12.7	-4.2	26.0	-25.5	-26.2	-88.3	15.6
1039	ok	0.0	0.5	4.22e-03	12.7	12.7	12.7	12.7	-4.6	47.7	-26.3	-26.6	-99.4	15.8
1040	ok	0.0	0.5	4.23e-03	12.7	12.7	12.7	12.7	-2.8	30.0	-27.2	-24.6	-110.4	21.2
1041	ok	0.0	0.5	4.74e-03	12.7	12.7	12.7	12.7	-5.5	51.5	-28.9	-9.9	-83.1	28.5
1042	ok	0.0	0.3	4.33e-03	12.7	12.7	12.7	12.7	-4.5	-43.6	18.0	2.4	-77.0	16.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1043	ok	0.0	0.3	5.02e-03	12.7	12.7	12.7	12.7	-4.4	-52.3	18.1	15.6	-82.9	12.6
1044	ok	0.0	0.3	3.81e-03	12.7	12.7	12.7	12.7	19.2	11.2	1.6	-36.7	-52.9	28.3
1045	ok	0.0	0.3	4.01e-03	12.7	12.7	12.7	12.7	19.6	11.2	1.9	-21.8	-55.7	29.0
1046	ok	0.0	0.3	4.40e-03	12.7	12.7	12.7	12.7	-6.0	-42.3	19.1	5.8	-68.9	20.9
1047	ok	0.0	0.3	5.15e-03	12.7	12.7	12.7	12.7	-4.8	-53.4	19.5	24.7	-76.5	16.2
1048	ok	0.0	0.4	8.30e-03	12.7	12.7	12.7	12.7	38.9	-91.2	4.4	-34.9	-111.8	-26.8
1049	ok	0.0	0.2	4.49e-03	12.7	12.7	12.7	12.7	-18.3	-4.5	-6.0	-34.9	-33.1	-16.9
1050	ok	0.0	0.4	7.65e-03	12.7	12.7	12.7	12.7	40.0	-91.7	3.5	-32.7	-102.0	-24.9
1051	ok	0.0	0.4	7.92e-03	12.7	12.7	12.7	12.7	38.5	-94.1	5.0	-34.2	-106.8	-26.1
1052	ok	0.0	0.5	7.23e-03	12.7	12.7	12.7	12.7	34.1	-81.1	3.7	-34.4	-109.5	-30.7
1053	ok	0.0	0.5	6.54e-03	12.7	12.7	12.7	12.7	31.2	-73.8	3.3	-33.6	-100.9	-33.8
1054	ok	0.0	0.5	5.96e-03	12.7	12.7	12.7	12.7	31.5	15.6	-5.0	-30.7	-106.5	-28.3
1055	ok	0.0	0.5	5.47e-03	12.7	12.7	12.7	12.7	30.3	15.4	-5.0	-32.2	-97.4	-30.1
1056	ok	0.0	0.4	5.04e-03	12.7	12.7	12.7	12.7	29.0	15.1	-4.8	-33.6	-83.0	-30.2
1057	ok	0.0	0.4	4.66e-03	12.7	12.7	12.7	12.7	27.5	14.8	-4.4	-34.6	-65.5	-27.9
1058	ok	0.0	0.3	4.30e-03	12.7	12.7	12.7	12.7	-18.0	-4.4	-6.1	-36.9	-48.0	-22.1
1059	ok	0.0	0.3	4.02e-03	12.7	12.7	12.7	12.7	-18.3	-4.9	-6.0	-50.6	-41.2	-15.9
1060	ok	0.0	0.3	4.02e-03	12.7	12.7	12.7	12.7	26.5	11.1	-3.7	-61.2	-48.0	-13.2
1061	ok	0.0	0.5	7.27e-03	12.7	12.7	12.7	12.7	34.0	-83.1	4.0	-35.2	-105.7	-29.7
1062	ok	0.0	0.4	7.08e-03	12.7	12.7	12.7	12.7	36.2	-84.3	2.9	-34.9	-102.3	-27.6
1063	ok	0.0	0.5	6.59e-03	12.7	12.7	12.7	12.7	31.2	-75.1	3.5	-35.9	-98.3	-32.2
1064	ok	0.0	0.5	6.47e-03	12.7	12.7	12.7	12.7	32.2	-73.9	2.0	-36.9	-96.4	-29.0
1065	ok	0.0	0.5	6.01e-03	12.7	12.7	12.7	12.7	31.4	13.9	-5.1	-36.6	-105.1	-25.0
1066	ok	0.0	0.5	5.94e-03	12.7	12.7	12.7	12.7	31.1	12.5	-5.0	-39.8	-104.1	-20.1
1067	ok	0.0	0.5	5.52e-03	12.7	12.7	12.7	12.7	30.4	13.8	-5.2	-40.5	-98.1	-26.0
1068	ok	0.0	0.5	5.47e-03	12.7	12.7	12.7	12.7	30.3	12.5	-5.3	-45.3	-99.0	-20.4
1069	ok	0.0	0.4	5.08e-03	12.7	12.7	12.7	12.7	29.2	13.6	-5.1	-44.1	-86.5	-25.6
1070	ok	0.0	0.4	5.05e-03	12.7	12.7	12.7	12.7	29.4	12.3	-5.3	-50.6	-89.2	-19.7
1071	ok	0.0	0.4	4.70e-03	12.7	12.7	12.7	12.7	28.0	13.3	-4.7	-47.1	-71.9	-23.7
1072	ok	0.0	0.4	4.68e-03	12.7	12.7	12.7	12.7	28.5	12.0	-5.1	-55.2	-76.5	-18.1
1073	ok	0.0	0.3	4.34e-03	12.7	12.7	12.7	12.7	26.8	12.9	-4.1	-49.0	-56.3	-20.3
1074	ok	0.0	0.3	4.33e-03	12.7	12.7	12.7	12.7	27.6	11.6	-4.5	-58.8	-62.2	-15.8
1075	ok	0.0	0.4	9.50e-03	12.7	12.7	12.7	12.7	41.3	-98.4	4.9	-35.2	-113.6	-24.2
1076	ok	0.0	0.4	8.23e-03	12.7	12.7	12.7	12.7	42.4	-98.7	4.0	-31.9	-101.7	-22.6
1077	ok	0.0	0.4	8.58e-03	12.7	12.7	12.7	12.7	40.7	-102.0	5.7	-33.5	-107.4	-23.4
1078	ok	0.0	0.4	1.18e-02	12.7	12.7	12.7	12.7	34.4	-128.3	-41.5	-33.5	-123.9	-23.8
1079	ok	0.0	0.6	1.15e-02	12.7	12.7	12.7	12.7	-38.4	120.1	33.5	39.1	97.3	24.8
1080	ok	0.0	0.4	9.25e-03	12.7	12.7	12.7	12.7	24.7	-62.9	21.3	-50.9	-102.1	-13.8
1081	ok	0.0	0.4	1.09e-02	12.7	12.7	12.7	12.7	21.6	-79.2	24.9	-57.8	-91.9	-5.5
1082	ok	0.0	1.0	1.00e-02	12.7	12.7	14.9	17.4	47.5	70.8	-23.6	116.4	220.3	-35.8
1083	ok	0.0	0.6	1.13e-02	12.7	12.7	12.7	12.7	-19.0	69.2	-30.3	51.3	88.3	13.1
1084	ok	0.0	0.4	1.04e-02	12.7	12.7	12.7	12.7	44.0	-106.8	5.6	-34.9	-114.2	-20.5
1085	ok	0.0	0.4	9.29e-03	12.7	12.7	12.7	12.7	42.7	-110.8	6.6	-31.7	-102.7	-19.9
1086	ok	0.0	0.4	8.81e-03	12.7	12.7	12.7	12.7	22.7	-67.1	27.3	-49.9	-85.9	-15.7
1087	ok	0.0	0.3	3.94e-03	12.7	12.7	12.7	12.7	18.3	11.7	1.8	-35.6	-39.3	30.7
1088	ok	0.0	0.3	4.12e-03	12.7	12.7	12.7	12.7	18.6	11.7	2.3	-19.4	-38.3	31.4
1089	ok	0.0	0.4	1.05e-02	12.7	12.7	12.7	12.7	37.2	-101.9	-63.1	-40.0	-113.0	-19.0
1090	ok	0.0	0.5	1.15e-02	12.7	12.7	12.7	12.7	66.6	-106.6	-70.0	-50.8	-94.8	-18.9
1091	ok	0.0	0.5	1.07e-02	12.7	12.7	12.7	12.7	28.0	-69.3	-76.7	-50.6	-135.5	-4.9
1092	ok	0.0	0.5	1.20e-02	12.7	12.7	12.7	12.7	18.1	-49.4	-37.0	-66.9	-121.0	13.0
1093	ok	0.0	0.5	1.01e-02	12.7	12.7	12.7	12.7	25.2	-82.6	-77.0	-49.1	-127.7	-9.2
1094	ok	0.0	0.4	1.03e-02	12.7	12.7	12.7	12.7	39.1	-91.8	-63.1	-46.9	-120.3	-15.1
1095	ok	0.0	0.4	1.17e-02	12.7	12.7	12.7	12.7	22.7	-56.3	-34.3	-68.7	-108.8	8.6
1096	ok	0.0	0.4	1.17e-02	12.7	12.7	12.7	12.7	21.2	-65.6	-34.9	-64.3	-93.0	2.9
1097	ok	0.0	0.6	1.02e-02	12.7	12.7	12.7	12.7	7.5	-43.7	-33.9	-59.7	-132.1	10.1
1098	ok	0.0	0.6	1.13e-02	12.7	12.7	12.7	12.7	9.7	-43.7	-38.5	-63.7	-130.5	14.9
1099	ok	0.0	0.6	9.77e-03	12.7	12.7	12.7	12.7	-31.8	-19.5	-67.8	-83.2	-139.2	13.9
1100	ok	0.0	0.6	1.04e-02	12.7	12.7	12.7	12.7	-38.6	-16.6	-73.6	-84.2	-139.3	2.9
1101	ok	0.0	0.6	9.87e-03	12.7	12.7	12.7	12.7	-26.3	-23.3	-73.7	-79.4	-142.9	14.8
1102	ok	0.0	0.6	9.90e-03	12.7	12.7	12.7	12.7	-19.6	-39.9	-78.6	-73.7	-145.8	15.4
1103	ok	0.0	0.6	9.71e-03	12.7	12.7	12.7	12.7	-12.2	-42.0	-81.9	-67.6	-147.2	15.4
1104	ok	0.0	0.6	9.82e-03	12.7	12.7	12.7	12.7	10.5	-39.9	-34.9	-60.5	-136.7	12.7
1105	ok	0.0	0.6	1.04e-02	12.7	12.7	12.7	12.7	-31.8	-20.1	-81.6	-80.8	-143.5	1.8
1106	ok	0.0	0.6	1.11e-02	12.7	12.7	12.7	12.7	-23.7	-26.1	-88.0	-74.9	-146.9	0.9
1107	ok	0.0	0.6	1.09e-02	12.7	12.7	12.7	12.7	-14.9	-40.8	-92.0	-68.6	-148.6	0.7
1108	ok	0.0	0.6	1.09e-02	12.7	12.7	12.7	12.7	10.7	-39.3	-39.2	-62.4	-136.0	14.8
1109	ok	0.0	0.5	9.38e-03	12.7	12.7	12.7	12.7	1.3	-58.3	-75.9	-55.4	-139.0	-2.2
1110	ok	0.0	0.6	9.13e-03	12.7	12.7	12.7	12.7	-28.6	-40.7	-64.2	-82.2	-135.0	15.3
1111	ok	0.0	0.6	9.25e-03	12.7	12.7	12.7	12.7	-23.7	-39.9	-68.7	-77.7	-138.3	15.9
1112	ok	0.0	0.6	9.05e-03	12.7	12.7	12.7	12.7	-17.6	-40.1	-72.6	-71.5	-141.0	15.8
1113	ok	0.0	0.6	8.93e-03	12.7	12.7	12.7	12.7	-10.9	-42.6	-75.3	-64.9	-142.5	15.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1114	ok	0.0	0.6	9.06e-03	12.7	12.7	12.7	12.7	-4.1	-49.3	-76.4	-59.1	-141.9	1.2
1115	ok	0.0	0.4	9.76e-03	12.7	12.7	12.7	12.7	41.5	-93.9	-52.6	-40.4	-119.8	-20.8
1116	ok	0.0	0.5	9.77e-03	12.7	12.7	12.7	12.7	26.1	-66.5	-69.7	-46.5	-133.7	-7.0
1117	ok	0.0	0.5	9.49e-03	12.7	12.7	12.7	12.7	31.5	-75.9	-64.6	-45.2	-128.1	-12.1
1118	ok	0.0	0.4	9.51e-03	12.7	12.7	12.7	12.7	36.2	-84.7	-58.9	-43.0	-122.1	-16.8
1119	ok	0.0	0.5	9.28e-03	12.7	12.7	12.7	12.7	38.5	-89.5	-49.0	-38.5	-120.1	-23.0
1120	ok	0.0	0.5	9.17e-03	12.7	12.7	12.7	12.7	24.3	-64.3	-65.1	-41.5	-133.6	-9.2
1121	ok	0.0	0.5	8.90e-03	12.7	12.7	12.7	12.7	29.2	-72.6	-60.8	-40.6	-129.1	-14.8
1122	ok	0.0	0.5	9.02e-03	12.7	12.7	12.7	12.7	34.1	-80.6	-55.8	-40.0	-124.6	-19.8
1123	ok	0.0	0.5	8.75e-03	12.7	12.7	12.7	12.7	18.9	-42.8	-28.8	-49.8	-129.7	5.9
1124	ok	0.0	0.5	1.62e-02	12.7	12.7	12.7	12.7	154.8	-9.4	-29.7	67.6	12.9	31.5
1125	ok	0.0	0.6	1.62e-02	12.7	12.7	12.7	12.7	147.9	-43.7	82.2	64.9	53.1	37.1
1126	ok	0.0	0.6	1.74e-02	12.7	12.7	12.7	12.7	161.2	-7.3	-35.2	92.8	19.5	29.9
1127	ok	0.0	0.5	1.60e-02	12.7	12.7	12.7	12.7	161.0	-20.8	-38.6	71.0	22.9	32.9
1128	ok	0.0	0.5	1.61e-02	12.7	12.7	12.7	12.7	162.0	-37.9	-25.4	75.4	31.1	36.6
1129	ok	0.0	0.6	1.69e-02	12.7	12.7	12.7	12.7	163.7	-43.5	68.9	71.7	40.9	38.3
1130	ok	0.0	0.8	1.89e-02	12.7	12.7	12.7	12.7	181.4	-37.7	100.6	101.4	64.1	43.3
1131	ok	0.0	0.6	1.66e-02	12.7	12.7	12.7	12.7	165.7	-23.0	-48.5	100.0	26.0	30.1
1132	ok	0.0	0.7	1.69e-02	12.7	12.7	12.7	12.7	179.4	-36.3	-47.6	111.5	31.3	35.2
1133	ok	0.0	0.8	1.86e-02	12.7	12.7	12.7	12.7	189.5	-56.6	76.6	111.2	47.0	42.4
1134	ok	0.0	0.4	1.53e-02	12.7	12.7	12.7	12.7	66.8	4.0	-5.1	-55.9	-39.6	-16.2
1135	ok	0.0	0.3	1.14e-02	12.7	12.7	12.7	12.7	-73.6	9.8	-38.2	-18.2	-64.6	-31.2
1136	ok	0.0	0.3	1.55e-02	12.7	12.7	12.7	12.7	-153.8	14.9	36.5	-74.4	-16.7	-8.4
1137	ok	0.0	0.3	1.51e-02	12.7	12.7	12.7	12.7	-10.5	10.4	18.2	-45.6	-19.6	-29.0
1138	ok	0.0	0.4	1.53e-02	12.7	12.7	12.7	12.7	-11.7	9.6	8.7	-41.3	-19.1	-26.4
1139	ok	0.0	0.4	1.36e-02	12.7	12.7	12.7	12.7	-88.4	-9.3	11.0	17.4	31.5	59.5
1140	ok	0.0	0.3	1.26e-02	12.7	12.7	12.7	12.7	-7.5	3.8	-14.7	-34.5	-43.0	-22.1
1141	ok	0.0	0.3	1.21e-02	12.7	12.7	12.7	12.7	-9.4	4.0	-14.4	-29.1	-51.2	-27.8
1142	ok	0.0	0.3	1.22e-02	12.7	12.7	12.7	12.7	-80.9	3.3	-53.4	-27.1	-59.3	-39.7
1143	ok	0.0	0.4	1.32e-02	12.7	12.7	12.7	12.7	-93.5	1.8	-57.2	-35.2	-56.7	-40.8
1144	ok	0.0	0.5	1.45e-02	12.7	12.7	12.7	12.7	-71.9	38.3	-29.3	-28.0	-54.0	-40.2
1145	ok	0.0	0.4	1.40e-02	12.7	12.7	12.7	12.7	53.0	-6.4	8.8	-13.2	29.0	58.4
1146	ok	0.0	0.3	1.47e-02	12.7	12.7	12.7	12.7	-17.2	18.8	13.0	-43.9	-29.9	-30.1
1147	ok	0.0	0.4	1.53e-02	12.7	12.7	12.7	12.7	-154.2	25.4	43.5	-71.8	-27.1	-9.0
1148	ok	0.0	0.3	1.35e-02	12.7	12.7	12.7	12.7	-86.5	10.0	-17.2	-32.9	-46.6	-28.2
1149	ok	0.0	0.4	1.45e-02	12.7	12.7	12.7	12.7	-86.1	24.2	-28.9	-40.0	-41.1	-33.0
1150	ok	0.0	0.4	1.56e-02	12.7	12.7	12.7	12.7	-89.5	28.4	-8.2	-43.6	-37.4	-36.0
1151	ok	0.0	0.4	1.30e-02	12.7	12.7	12.7	12.7	-85.9	13.2	-44.7	-30.1	-55.4	-34.1
1152	ok	0.0	0.4	1.41e-02	12.7	12.7	12.7	12.7	-79.5	28.6	-29.8	-36.7	-51.2	-36.2
1153	ok	0.0	0.5	1.54e-02	12.7	12.7	12.7	12.7	-85.3	26.0	-6.9	-39.4	-38.1	-38.2
1154	ok	0.0	1.0	1.22e-02	37.6	42.2	32.0	42.4	59.6	-12.5	5.2	416.1	376.7	313.1
1155	ok	0.0	0.3	1.03e-02	12.7	12.7	12.7	12.7	43.4	10.4	-2.5	-23.6	-59.4	-26.2
1156	ok	0.0	1.0	1.52e-02	27.7	19.8	12.7	13.8	146.9	66.6	-1.1	-373.9	-99.1	7.2
1157	ok	0.0	0.6	1.19e-02	12.7	12.7	12.7	12.7	-21.9	-14.2	13.1	56.8	129.7	39.7
1158	ok	0.0	0.3	1.14e-02	12.7	12.7	12.7	12.7	-69.4	12.3	-24.2	-17.7	-58.0	-19.6
1159	ok	0.0	0.3	1.09e-02	12.7	12.7	12.7	12.7	-4.9	7.6	-9.1	-25.9	-61.3	-22.0
1160	ok	0.0	0.3	1.08e-02	12.7	12.7	12.7	12.7	-10.1	1.5	-13.6	-22.8	-57.4	-32.5
1161	ok	0.0	0.4	1.26e-02	12.7	12.7	12.7	12.7	-27.9	-12.1	10.9	35.4	60.6	44.4
1162	ok	0.0	0.3	1.19e-02	12.7	12.7	12.7	12.7	-69.4	12.3	-24.2	-20.8	-56.4	-18.4
1163	ok	0.0	0.3	1.14e-02	12.7	12.7	12.7	12.7	-9.3	6.0	-14.6	-26.2	-56.5	-26.6
1164	ok	0.0	0.9	1.03e-02	19.8	21.7	12.7	15.3	-106.4	-54.3	0.1	-320.8	75.7	-0.5
1165	ok	0.0	0.3	9.92e-03	12.7	12.7	12.7	12.7	42.7	9.3	-2.4	-22.0	-62.6	-21.4
1166	ok	0.0	0.4	1.09e-02	12.7	12.7	12.7	12.7	2.2	-25.7	-1.9	21.5	58.9	46.7
1167	ok	0.0	0.3	1.09e-02	12.7	12.7	12.7	12.7	-65.2	11.2	-16.4	-22.8	-59.9	-17.5
1168	ok	0.0	0.3	1.05e-02	12.7	12.7	12.7	12.7	-62.2	10.7	-16.3	-20.2	-71.4	-18.8
1169	ok	0.0	0.3	1.13e-02	12.7	12.7	12.7	12.7	-65.1	-6.7	-4.8	-11.0	44.1	52.7
1170	ok	0.0	0.3	9.59e-03	12.7	12.7	12.7	12.7	41.8	8.0	-2.3	-23.0	-65.2	-16.8
1171	ok	0.0	0.3	1.06e-02	12.7	12.7	12.7	12.7	-26.5	10.6	-0.2	-30.3	-44.7	-17.2
1172	ok	0.0	0.3	1.05e-02	12.7	12.7	12.7	12.7	-55.4	9.8	3.05e-02	-26.6	-63.1	-16.1
1173	ok	0.0	0.3	1.01e-02	12.7	12.7	12.7	12.7	-1.5	5.8	-4.9	-27.9	-67.0	-14.8
1174	ok	0.0	0.3	1.12e-02	12.7	12.7	12.7	12.7	-64.7	-3.4	-3.7	-29.7	18.5	51.7
1175	ok	0.0	0.3	9.31e-03	12.7	12.7	12.7	12.7	18.1	5.3	4.6	-32.8	-67.0	18.1
1176	ok	0.0	0.3	1.05e-02	12.7	12.7	12.7	12.7	-30.1	4.1	-6.6	-45.8	-45.8	-8.3
1177	ok	0.0	0.3	1.02e-02	12.7	12.7	12.7	12.7	-56.8	3.1	-0.2	-37.7	-59.6	-7.8
1178	ok	0.0	0.3	9.70e-03	12.7	12.7	12.7	12.7	16.4	5.1	4.1	-37.6	-55.9	18.3
1179	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	8.0	1.0	1.3	-68.9	-18.2	34.7
1180	ok	0.0	0.4	8.51e-03	12.7	12.7	12.7	12.7	16.8	3.2	3.9	-46.8	-71.8	31.7
1181	ok	0.0	0.3	1.11e-02	12.7	12.7	12.7	12.7	8.5	1.6	2.0	-63.1	-14.0	30.5
1182	ok	0.0	0.4	1.05e-02	12.7	12.7	12.7	12.7	10.9	1.3	1.8	-65.1	-30.5	33.2
1183	ok	0.0	0.4	9.79e-03	12.7	12.7	12.7	12.7	13.1	2.1	2.5	-59.8	-44.3	32.3
1184	ok	0.0	0.4	9.09e-03	12.7	12.7	12.7	12.7	15.0	2.7	3.2	-53.5	-59.0	32.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1185	ok	0.0	0.4	8.87e-03	12.7	12.7	12.7	12.7	17.5	4.2	4.3	-41.0	-69.5	24.7
1186	ok	0.0	0.3	9.38e-03	12.7	12.7	12.7	12.7	15.7	3.7	3.8	-47.7	-57.8	24.6
1187	ok	0.0	0.3	9.96e-03	12.7	12.7	12.7	12.7	13.8	3.2	3.1	-53.6	-42.5	24.8
1188	ok	0.0	0.3	1.05e-02	12.7	12.7	12.7	12.7	11.4	2.5	2.5	-59.3	-26.7	26.8
1189	ok	0.0	0.4	1.21e-02	12.7	12.7	12.7	12.7	76.6	27.1	1.5	-64.0	-29.8	34.9
1190	ok	0.0	0.5	8.09e-03	12.7	12.7	12.7	12.7	15.6	1.6	2.9	-42.5	-76.6	45.4
1191	ok	0.0	0.4	1.12e-02	12.7	12.7	12.7	12.7	7.0	-1.1	2.2	-67.7	-19.7	38.7
1192	ok	0.0	0.4	1.16e-02	12.7	12.7	12.7	12.7	35.9	12.1	8.9	-55.3	-31.4	42.5
1193	ok	0.0	0.4	9.26e-03	12.7	12.7	12.7	12.7	11.4	0.6	1.3	-53.7	-39.2	47.3
1194	ok	0.0	0.4	8.68e-03	12.7	12.7	12.7	12.7	13.6	1.1	2.2	-46.9	-58.5	48.3
1195	ok	0.0	0.4	8.29e-03	12.7	12.7	12.7	12.7	16.2	2.3	3.4	-47.8	-73.9	39.1
1196	ok	0.0	0.4	8.86e-03	12.7	12.7	12.7	12.7	14.3	1.8	2.7	-53.9	-59.2	40.3
1197	ok	0.0	0.4	9.51e-03	12.7	12.7	12.7	12.7	12.2	1.4	2.0	-60.1	-43.8	39.5
1198	ok	0.0	0.4	1.08e-02	12.7	12.7	12.7	12.7	10.2	-0.5	0.2	-64.6	-31.3	38.7
1199	ok	0.0	0.5	7.30e-03	12.7	12.7	12.7	12.7	13.9	-0.2	1.8	3.3	-92.9	38.6
1200	ok	0.0	0.9	1.15e-02	12.7	12.7	12.7	13.0	-97.9	-24.2	50.0	131.1	204.5	-44.5
1201	ok	0.0	0.5	7.87e-03	12.7	12.7	12.7	12.7	15.0	1.0	2.5	-31.4	-80.4	48.7
1202	ok	0.0	0.5	7.61e-03	12.7	12.7	12.7	12.7	14.4	0.4	2.1	-15.2	-85.8	47.3
1203	ok	0.0	0.4	7.89e-03	12.7	12.7	12.7	12.7	11.7	-0.5	1.3	27.6	-67.8	48.4
1204	ok	0.0	0.5	8.72e-03	12.7	12.7	12.7	12.7	-44.6	-28.8	19.0	84.6	41.6	52.4
1205	ok	0.0	0.6	1.13e-02	12.7	12.7	12.7	12.7	-55.6	-28.0	21.1	111.6	90.8	51.7
1206	ok	0.0	0.3	1.26e-02	12.7	12.7	12.7	12.7	-67.2	-35.2	9.8	34.9	72.0	18.3
1207	ok	0.0	0.4	1.03e-02	12.7	12.7	12.7	12.7	72.5	10.1	17.9	-58.6	-16.9	32.8
1208	ok	0.0	0.4	1.22e-02	12.7	12.7	12.7	12.7	-68.0	-8.4	19.6	38.9	54.5	51.2
1209	ok	0.0	0.4	8.93e-03	12.7	12.7	12.7	12.7	-48.4	-9.7	19.1	32.1	30.0	58.3
1210	ok	0.0	0.4	8.22e-03	12.7	12.7	12.7	12.7	31.2	4.1	-0.5	-5.7	-63.5	55.3
1211	ok	0.0	0.4	8.66e-03	12.7	12.7	12.7	12.7	64.2	-1.3	-2.8	-63.5	-30.7	41.2
1212	ok	0.0	0.4	9.15e-03	12.7	12.7	12.7	12.7	30.7	2.7	-0.9	-34.6	-36.3	56.3
1213	ok	0.0	0.4	8.50e-03	12.7	12.7	12.7	12.7	13.0	0.6	1.8	-30.8	-58.7	54.9
1214	ok	0.0	0.6	7.56e-03	12.7	12.7	12.7	12.7	-7.6	-0.7	-13.0	120.9	127.3	26.3
1215	ok	0.0	0.4	6.73e-03	12.7	12.7	12.7	12.7	18.2	15.0	-1.2	-19.2	-100.7	-6.7
1217	ok	0.0	0.5	8.17e-03	12.7	12.7	12.7	12.7	-6.1	-27.3	-10.8	102.4	90.8	-15.0
1218	ok	0.0	0.3	7.68e-03	12.7	12.7	12.7	12.7	-1.2	-28.2	-8.9	72.0	42.0	-14.4
1219	ok	0.0	0.4	7.17e-03	12.7	12.7	12.7	12.7	26.7	2.5	4.74e-02	26.5	-74.0	-13.5
1220	ok	0.0	0.4	6.99e-03	12.7	12.7	12.7	12.7	13.3	-1.0	1.3	13.0	-97.8	16.8
1221	ok	0.0	0.9	1.01e-02	12.7	12.7	12.7	12.7	-9.9	-93.2	-21.6	196.9	204.9	27.8
1222	ok	0.0	0.5	8.07e-03	12.7	12.7	12.7	12.7	-45.1	-56.4	16.4	113.9	53.7	19.3
1223	ok	0.0	0.4	7.45e-03	12.7	12.7	12.7	12.7	27.8	4.1	0.2	44.9	-77.0	17.5
1224	ok	0.0	0.3	7.45e-03	12.7	12.7	12.7	12.7	-22.8	-11.9	-9.4	32.0	79.1	17.7
1225	ok	0.0	0.4	6.55e-03	12.7	12.7	12.7	12.7	17.4	10.6	-1.4	-34.7	-99.2	-12.5
1226	ok	0.0	0.3	7.47e-03	12.7	12.7	12.7	12.7	-19.4	-13.1	-9.8	31.6	57.9	-13.9
1227	ok	0.0	0.3	7.31e-03	12.7	12.7	12.7	12.7	-19.0	11.2	2.5	-27.3	-60.5	-27.1
1228	ok	0.0	0.4	6.95e-03	12.7	12.7	12.7	12.7	17.8	10.0	1.3	-31.1	-86.2	-18.8
1229	ok	0.0	0.2	7.95e-03	12.7	12.7	12.7	12.7	-7.8	-1.1	-0.3	-45.5	-30.0	-8.2
1230	ok	0.0	0.4	6.40e-03	12.7	12.7	12.7	12.7	17.4	8.6	-1.9	-42.8	-96.9	-11.3
1231	ok	0.0	0.3	7.98e-03	12.7	12.7	12.7	12.7	-11.9	9.3	3.4	-46.3	-45.8	-23.3
1232	ok	0.0	0.3	6.92e-03	12.7	12.7	12.7	12.7	-13.2	3.9	5.2	-43.7	-60.6	-26.0
1233	ok	0.0	0.4	6.76e-03	12.7	12.7	12.7	12.7	-17.6	7.0	2.9	-42.2	-81.7	-19.3
1234	ok	0.0	0.4	8.59e-03	12.7	12.7	12.7	12.7	24.0	9.1	0.5	-82.3	-48.1	-9.0
1235	ok	0.0	0.4	6.00e-03	12.7	12.7	12.7	12.7	11.4	-0.9	-4.39e-02	-70.0	-82.3	-11.7
1236	ok	0.0	0.4	7.20e-03	12.7	12.7	12.7	12.7	-1.1	-0.9	0.4	-95.7	-31.4	-14.2
1237	ok	0.0	0.4	8.43e-03	12.7	12.7	12.7	12.7	20.0	2.5	-2.2	-77.6	-59.5	-3.1
1238	ok	0.0	0.4	6.77e-03	12.7	12.7	12.7	12.7	21.3	5.8	-2.3	-72.1	-67.5	-2.0
1239	ok	0.0	0.4	6.41e-03	12.7	12.7	12.7	12.7	8.3	-0.8	-3.63e-02	-74.7	-63.1	-12.5
1240	ok	0.0	0.4	6.22e-03	12.7	12.7	12.7	12.7	11.5	-1.1	-6.53e-02	-58.9	-84.0	-17.6
1241	ok	0.0	0.4	6.56e-03	12.7	12.7	12.7	12.7	-16.0	4.7	1.9	-58.3	-78.3	-14.4
1242	ok	0.0	0.4	6.82e-03	12.7	12.7	12.7	12.7	-14.4	6.1	1.7	-65.9	-63.2	-18.2
1243	ok	0.0	0.4	6.40e-03	12.7	12.7	12.7	12.7	-13.3	1.0	1.7	-80.5	-55.7	-16.9
1244	ok	0.0	0.4	9.04e-03	12.7	12.7	12.7	12.7	20.6	16.5	-0.9	-57.9	-60.5	23.5
1245	ok	0.0	0.4	5.08e-03	12.7	12.7	12.7	12.7	15.0	11.1	-6.4	-50.1	-99.9	11.1
1246	ok	0.0	0.4	8.15e-03	12.7	12.7	12.7	12.7	25.9	0.4	-4.5	-80.0	-37.3	3.2
1247	ok	0.0	0.4	8.21e-03	12.7	12.7	12.7	12.7	26.4	4.5	-4.7	-74.4	-35.9	9.3
1248	ok	0.0	0.4	8.67e-03	12.7	12.7	12.7	12.7	26.6	3.8	-7.4	-63.0	-30.2	17.6
1249	ok	0.0	0.4	8.37e-03	12.7	12.7	12.7	12.7	32.1	7.7	-11.4	-56.2	-50.3	19.7
1250	ok	0.0	0.4	6.85e-03	12.7	12.7	12.7	12.7	19.6	12.1	-7.3	-52.9	-69.9	17.3
1251	ok	0.0	0.4	5.81e-03	12.7	12.7	12.7	12.7	16.1	9.8	-8.2	-51.1	-89.6	15.0
1252	ok	0.0	0.4	5.41e-03	12.7	12.7	12.7	12.7	16.2	8.2	-7.5	-56.3	-97.3	8.7
1253	ok	0.0	0.4	5.62e-03	12.7	12.7	12.7	12.7	16.9	6.5	-6.9	-60.4	-94.9	6.1
1254	ok	0.0	0.4	5.81e-03	12.7	12.7	12.7	12.7	11.4	-0.8	-4.81e-02	-71.4	-81.9	-6.5
1255	ok	0.0	0.4	6.05e-03	12.7	12.7	12.7	12.7	18.6	6.7	-7.8	-57.5	-84.7	12.0
1256	ok	0.0	0.3	6.85e-03	12.7	12.7	12.7	12.7	24.2	9.0	-7.6	-58.6	-69.0	13.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1257	ok	0.0	0.4	8.01e-03	12.7	12.7	12.7	12.7	27.7	7.0	-5.7	-60.5	-50.9	15.4
1258	ok	0.0	0.4	6.19e-03	12.7	12.7	12.7	12.7	19.7	5.6	-6.2	-62.9	-81.9	8.6
1259	ok	0.0	0.4	6.86e-03	12.7	12.7	12.7	12.7	23.4	7.4	-6.0	-66.0	-68.9	10.0
1260	ok	0.0	0.4	7.83e-03	12.7	12.7	12.7	12.7	26.0	6.0	-5.4	-69.6	-53.8	10.7
1261	ok	0.0	0.4	6.33e-03	12.7	12.7	12.7	12.7	20.2	7.3	-5.6	-65.8	-80.8	3.3
1262	ok	0.0	0.4	6.82e-03	12.7	12.7	12.7	12.7	22.9	6.2	-5.0	-70.8	-68.9	5.1
1263	ok	0.0	0.4	7.76e-03	12.7	12.7	12.7	12.7	25.8	5.9	-4.4	-75.7	-56.1	5.6
1264	ok	0.0	0.9	7.80e-03	12.7	12.7	12.7	12.7	-61.4	-18.6	17.0	117.1	172.9	-66.1
1265	ok	0.0	0.4	4.71e-03	12.7	12.7	12.7	12.7	15.1	17.1	-2.7	-36.5	-101.3	9.6
1266	ok	0.0	0.5	8.79e-03	12.7	12.7	12.7	12.7	-35.9	-35.7	20.9	103.7	98.6	-13.3
1267	ok	0.0	0.4	6.31e-03	12.7	12.7	12.7	12.7	-41.7	-36.2	15.8	84.7	55.7	-16.9
1268	ok	0.0	0.4	5.37e-03	12.7	12.7	12.7	12.7	15.8	17.1	-1.5	-31.5	-87.5	13.0
1269	ok	0.0	0.7	5.84e-03	12.7	12.7	12.7	12.7	-66.4	-31.1	-9.7	133.6	146.4	-38.2
1270	ok	0.0	0.4	4.16e-03	12.7	12.7	12.7	12.7	15.8	7.2	3.4	-25.2	-96.4	4.6
1272	ok	0.0	0.8	6.48e-03	12.7	12.7	12.7	12.7	-41.6	-31.5	-5.7	140.8	101.7	-64.7
1273	ok	0.0	0.6	5.11e-03	12.7	12.7	12.7	12.7	-35.4	-31.9	-4.5	104.0	55.4	-62.6
1274	ok	0.0	0.4	4.66e-03	12.7	12.7	12.7	12.7	-31.0	-21.3	-4.0	62.3	15.8	-61.7
1275	ok	0.0	0.4	4.41e-03	12.7	12.7	12.7	12.7	15.5	10.3	1.2	-29.5	-100.6	7.5
1276	ok	0.0	0.4	4.89e-03	12.7	12.7	12.7	12.7	-31.3	-25.8	0.1	65.4	12.1	-41.1
1277	ok	0.0	0.5	5.60e-03	12.7	12.7	12.7	12.7	-39.6	-41.2	-2.9	109.2	62.1	-40.6
1278	ok	0.0	1.0	7.10e-03	12.7	12.7	12.7	12.7	-14.4	-46.5	-30.4	188.2	202.4	-17.9
1279	ok	0.0	0.5	5.85e-03	12.7	12.7	12.7	12.7	-38.3	-11.8	-6.4	77.3	90.4	-34.6
1280	ok	0.0	0.4	3.89e-03	12.7	12.7	12.7	12.7	16.2	5.5	2.7	-29.1	-94.1	1.3
1281	ok	0.0	0.6	5.43e-03	12.7	12.7	12.7	12.7	-54.3	-13.3	-3.9	70.1	70.5	-74.5
1282	ok	0.0	0.6	4.91e-03	12.7	12.7	12.7	12.7	-38.6	-14.4	-3.9	70.2	43.3	-78.9
1283	ok	0.0	0.5	4.35e-03	12.7	12.7	12.7	12.7	-29.0	-13.5	-4.5	52.9	21.0	-73.5
1284	ok	0.0	0.4	6.03e-03	12.7	12.7	12.7	12.7	-63.5	-5.6	-3.5	42.2	35.3	-60.4
1285	ok	0.0	0.4	3.58e-03	12.7	12.7	12.7	12.7	17.5	3.3	4.5	-31.6	-89.6	5.9
1286	ok	0.0	0.5	5.25e-03	12.7	12.7	12.7	12.7	-52.7	-10.6	-3.2	41.0	44.3	-74.1
1287	ok	0.0	0.5	4.56e-03	12.7	12.7	12.7	12.7	-39.4	-8.4	-4.1	37.2	36.1	-83.1
1288	ok	0.0	0.4	4.00e-03	12.7	12.7	12.7	12.7	-28.5	-7.9	-6.4	31.6	24.1	-81.7
1289	ok	0.0	0.4	7.10e-03	12.7	12.7	12.7	12.7	22.9	10.8	2.8	-71.4	-49.1	20.0
1290	ok	0.0	0.4	3.18e-03	12.7	12.7	12.7	12.7	20.0	1.3	6.8	-27.9	-81.5	24.3
1291	ok	0.0	0.3	6.24e-03	12.7	12.7	12.7	12.7	-63.5	-0.3	-1.0	26.8	19.0	-65.5
1292	ok	0.0	0.4	5.78e-03	12.7	12.7	12.7	12.7	-0.1	0.8	0.5	-44.2	-40.1	-51.5
1293	ok	0.0	0.4	4.12e-03	12.7	12.7	12.7	12.7	22.1	1.0	8.6	-52.6	-63.5	16.1
1294	ok	0.0	0.5	3.54e-03	12.7	12.7	12.7	12.7	-25.2	0.8	-10.2	18.5	29.9	-86.5
1295	ok	0.0	0.4	3.36e-03	12.7	12.7	12.7	12.7	19.1	2.1	6.5	-28.9	-85.2	15.7
1296	ok	0.0	0.4	3.71e-03	12.7	12.7	12.7	12.7	-27.5	-3.7	-9.0	18.9	26.3	-85.9
1297	ok	0.0	0.5	4.25e-03	12.7	12.7	12.7	12.7	-36.2	-4.9	-7.0	21.0	29.9	-86.8
1298	ok	0.0	0.4	5.31e-03	12.7	12.7	12.7	12.7	-51.6	-9.7	-3.6	24.8	28.1	-80.2
1299	ok	0.0	0.6	3.01e-03	12.7	12.7	12.7	12.7	-14.2	13.3	-17.4	36.9	44.3	-87.9
1300	ok	0.0	0.4	6.54e-03	12.7	12.7	12.7	12.7	18.9	9.1	1.3	-69.8	-41.3	27.0
1301	ok	0.0	0.5	3.06e-03	12.7	12.7	12.7	12.7	-15.9	8.5	-14.2	24.0	36.8	-83.7
1302	ok	0.0	0.5	3.27e-03	12.7	12.7	12.7	12.7	-19.1	10.4	-15.0	40.7	36.2	-88.9
1303	ok	0.0	0.5	3.82e-03	12.7	12.7	12.7	12.7	-26.8	7.6	-10.9	40.5	25.6	-83.8
1304	ok	0.0	0.4	5.22e-03	12.7	12.7	12.7	12.7	18.9	0.3	8.7	-63.5	-54.4	35.6
1305	ok	0.0	0.4	4.93e-03	12.7	12.7	12.7	12.7	-3.2	-2.1	2.4	-66.8	-38.6	-40.2
1306	ok	0.0	0.4	3.67e-03	12.7	12.7	12.7	12.7	17.8	0.8	11.0	-73.3	-58.7	23.9
1307	ok	0.0	0.5	4.00e-03	12.7	12.7	12.7	12.7	20.0	-1.5	8.5	-53.7	-60.6	27.0
1308	ok	0.0	0.5	3.40e-03	12.7	12.7	12.7	12.7	-22.7	6.6	-11.7	25.0	33.0	-86.7
1309	ok	0.0	0.7	5.29e-03	12.7	12.7	12.7	12.7	-20.9	26.0	-61.6	-16.1	35.6	-119.8
1310	ok	0.0	0.9	3.27e-02	12.7	12.7	15.8	12.7	89.6	115.0	-221.5	-46.1	-229.8	-35.5
1311	ok	0.0	0.7	1.37e-02	12.7	12.7	12.7	12.7	-63.1	-21.0	122.3	46.3	104.8	58.2
1312	ok	0.0	1.0	5.59e-03	12.7	12.7	12.7	12.7	-15.6	48.0	-78.0	57.9	68.3	-148.5
1313	ok	0.0	0.7	3.03e-03	12.7	12.7	12.7	12.7	1.6	193.4	-66.6	-23.6	-56.8	-105.4
1314	ok	0.0	0.8	6.66e-03	12.7	12.7	15.6	12.7	-14.8	233.6	-105.6	-27.9	-123.4	-111.7
1315	ok	0.0	0.9	1.08e-02	12.7	12.7	18.3	12.7	-51.5	197.3	-162.6	-49.1	-193.5	-97.6
1316	ok	0.0	0.7	1.20e-02	12.7	12.7	14.6	12.7	-24.1	92.8	-121.4	70.4	-136.2	-114.5
1317	ok	0.0	0.7	6.07e-03	12.7	12.7	14.6	12.7	-5.8	130.0	-97.5	51.6	-107.8	-132.9
1318	ok	0.0	0.7	3.86e-03	12.7	12.7	12.7	12.7	4.6	123.1	-79.4	45.3	-49.7	-120.4
1319	ok	0.0	1.0	6.79e-03	12.7	14.4	12.7	14.8	-9.8	78.9	-75.8	99.8	93.9	-148.3
1320	ok	0.0	0.8	8.91e-03	12.7	12.7	12.7	12.7	-3.7	-24.4	35.0	27.8	128.3	94.7
1321	ok	0.0	0.9	6.29e-03	12.7	13.2	12.7	12.7	-7.7	95.6	-76.1	106.5	-49.2	-117.2
1322	ok	0.0	0.8	5.61e-03	12.7	13.5	13.1	12.7	-5.1	84.4	-80.4	114.6	-91.8	-126.0
1323	ok	0.0	0.8	8.75e-03	12.7	14.9	12.7	12.7	-2.5	70.0	-81.6	156.1	-76.2	-122.1
1324	ok	0.0	1.0	2.33e-02	28.2	37.9	16.0	28.2	-243.2	-57.2	128.2	517.1	317.2	-203.8
1325	ok	0.0	1.0	1.47e-02	12.7	37.1	12.7	22.4	-125.9	15.9	97.2	523.7	232.7	-160.5
1326	ok	0.0	0.9	7.61e-03	12.7	16.3	12.7	12.7	-13.6	21.5	-70.0	204.0	-42.3	-100.2
1327	ok	0.0	0.8	5.13e-03	12.7	15.2	12.7	12.7	-7.8	61.4	-44.7	173.9	-56.3	-109.4
1328	ok	0.0	0.9	7.72e-03	12.7	17.8	12.7	12.7	-5.5	120.1	-41.3	185.0	-39.7	-144.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1329	ok	0.0	0.8	1.06e-02	12.7	12.7	12.7	12.7	-98.4	-28.5	54.6	154.6	96.2	-54.4
1330	ok	0.0	0.9	6.97e-03	12.7	15.3	12.7	12.7	-61.8	54.9	-11.8	181.5	57.3	-116.0
1331	ok	0.0	0.8	4.16e-03	12.7	12.8	12.7	12.7	-19.4	18.2	-29.4	174.7	4.5	-68.9
1332	ok	0.0	0.8	3.25e-03	12.7	14.2	12.7	12.7	-10.2	27.9	-35.4	162.2	-2.6	-104.2
1333	ok	0.0	1.0	4.52e-03	12.7	15.6	12.7	12.7	-10.9	21.2	-31.4	152.8	70.5	-139.4
1334	ok	0.0	0.6	5.21e-03	12.7	12.7	12.7	12.7	-45.5	2.8	-14.3	122.1	10.3	-60.1
1335	ok	0.0	0.8	3.68e-03	12.7	12.7	12.7	12.7	-8.8	38.3	-26.7	98.5	76.6	-103.1
1336	ok	0.0	0.7	4.37e-03	12.7	12.7	12.7	12.7	-30.7	13.9	-16.5	127.8	5.7	-71.8
1337	ok	0.0	0.8	3.42e-03	12.7	12.7	12.7	12.7	-16.1	19.4	-22.4	131.9	12.9	-93.9
1338	ok	0.0	0.9	3.54e-03	12.7	12.7	12.7	12.7	-29.6	33.6	-32.0	144.0	37.5	-92.8
1339	ok	0.0	0.5	5.64e-03	12.7	12.7	12.7	12.7	-48.3	4.7	-4.8	77.7	1.2	-74.9
1340	ok	0.0	0.7	3.21e-03	12.7	12.7	12.7	12.7	-11.9	23.8	-24.3	66.4	57.7	-97.3
1341	ok	0.0	0.5	4.69e-03	12.7	12.7	12.7	12.7	-35.2	4.1	-12.0	81.2	10.1	-78.7
1342	ok	0.0	0.6	3.52e-03	12.7	12.7	12.7	12.7	-20.8	12.1	-17.5	83.9	23.0	-87.6
1343	ok	0.0	0.7	3.24e-03	12.7	12.7	12.7	12.7	-13.2	18.5	-22.9	77.8	40.5	-96.5
1344	ok	0.0	0.5	1.23e-02	12.7	12.7	12.7	12.7	-2.5	-21.1	-0.5	48.0	82.2	57.0
1345	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	1.44e-03	-6.6	-2.6	17.0	47.7	48.6
1346	ok	0.0	0.9	1.89e-02	14.2	12.7	12.7	12.7	-207.5	-20.5	-42.1	115.3	61.7	18.2
1347	ok	0.0	1.0	2.91e-02	14.4	17.7	14.1	12.9	219.2	-11.9	120.6	254.5	116.6	4.4
1348	ok	0.0	1.0	3.39e-02	17.1	16.0	13.0	12.7	209.5	-16.4	169.4	201.1	93.9	30.7
1349	ok	0.0	1.0	2.46e-02	14.0	12.7	13.4	12.7	-121.4	44.6	-151.2	-188.9	-36.4	6.9
1350	ok	0.0	0.9	2.07e-02	12.7	12.7	12.7	12.7	-95.9	44.7	-127.5	-156.7	-33.3	5.2
1351	ok	0.0	0.7	1.80e-02	12.7	12.7	12.7	12.7	-142.1	23.0	-62.5	-109.3	-26.6	28.2
1352	ok	0.0	0.4	1.34e-02	12.7	12.7	12.7	12.7	-87.4	-8.5	34.0	-56.9	-18.5	61.1
1353	ok	0.0	0.4	1.16e-02	12.7	12.7	12.7	12.7	-16.2	-14.5	60.4	-53.9	-22.8	63.0
1354	ok	0.0	0.3	1.04e-02	12.7	12.7	12.7	12.7	64.7	8.7	-111.0	-25.8	13.1	-1.4
1355	ok	0.0	0.4	1.30e-02	12.7	12.7	12.7	12.7	213.2	30.6	-42.2	-43.4	-6.1	-15.6
1356	ok	0.0	0.6	1.47e-02	12.7	12.7	12.7	12.7	268.7	34.3	6.0	-70.6	-11.6	-20.2
1357	ok	0.0	0.8	1.72e-02	12.7	12.7	12.7	12.7	311.4	33.0	38.0	-101.7	-18.0	-25.1
1358	ok	0.0	0.3	1.36e-02	12.7	12.7	12.7	12.7	10.5	18.2	-89.9	42.1	39.0	6.4
1359	ok	0.0	0.8	1.95e-02	12.7	12.7	12.7	12.7	179.8	-15.8	-54.9	157.5	37.7	4.8
1360	ok	0.0	1.0	2.23e-02	12.7	13.8	12.7	12.7	171.2	-10.2	-74.0	170.4	57.6	14.5
1361	ok	0.0	0.5	1.02e-02	12.7	12.7	12.7	12.7	-17.9	-11.2	61.6	-35.7	-25.6	61.5
1362	ok	0.0	0.7	9.52e-03	12.7	12.7	12.7	12.7	-70.6	7.8	-51.7	156.8	63.2	20.5
1363	ok	0.0	0.8	1.03e-02	12.7	12.7	12.7	12.7	-71.6	10.5	-51.7	187.7	101.3	40.6
1370	ok	0.0	1.0	9.78e-03	13.3	31.8	38.1	38.2	-21.7	-26.9	10.4	97.4	344.0	-281.1
1380	ok	0.0	0.5	1.61e-02	12.7	12.7	12.7	12.7	157.1	-13.3	-34.1	68.6	16.8	32.0
1381	ok	0.0	0.6	1.72e-02	12.7	12.7	12.7	12.7	162.8	-12.4	-41.8	94.1	23.4	29.7
1382	ok	0.0	0.5	1.52e-02	12.7	12.7	12.7	12.7	-103.9	1.1	7.2	43.7	55.0	41.3
1383	ok	0.0	0.4	1.47e-02	12.7	12.7	12.7	12.7	72.7	6.9	-15.7	-44.4	-25.7	-24.2
1384	ok	0.0	0.3	1.50e-02	12.7	12.7	12.7	12.7	-14.4	13.5	11.2	-45.6	-22.8	-28.8
1385	ok	0.0	0.3	1.54e-02	12.7	12.7	12.7	12.7	-154.3	19.0	41.1	-73.6	-19.9	-8.7
1386	ok	0.0	1.0	1.22e-02	15.7	13.5	19.0	21.9	-141.9	0.4	1.17e-03	101.5	203.5	-182.4
1387	ok	0.0	0.5	1.67e-02	12.7	12.7	12.7	12.7	-107.6	-6.5	9.5	62.7	74.4	40.9
1388	ok	0.0	0.3	1.09e-02	12.7	12.7	12.7	12.7	-62.4	-5.0	-2.8	-29.8	22.4	46.5
1389	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	9.2	1.1	1.7	-67.7	-23.4	34.0
1390	ok	0.0	0.3	1.09e-02	12.7	12.7	12.7	12.7	9.6	2.2	2.2	-61.9	-18.9	29.1
1391	ok	0.0	0.4	1.07e-02	12.7	12.7	12.7	12.7	25.1	7.8	-0.3	-58.4	-28.9	41.9
1392	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	8.7	0.4	1.4	-66.6	-24.8	38.7
1393	ok	0.0	0.6	1.29e-02	12.7	12.7	12.7	12.7	-152.1	-4.1	28.0	155.4	84.2	20.9
1394	ok	0.0	0.4	1.22e-02	12.7	12.7	12.7	12.7	-72.7	-23.9	19.4	47.9	57.5	35.2
1395	ok	0.0	0.5	9.93e-03	12.7	12.7	12.7	12.7	28.6	-1.7	0.5	-70.1	-54.5	49.5
1396	ok	0.0	0.5	6.76e-03	12.7	12.7	12.7	12.7	-16.0	-9.0	-23.9	101.9	88.0	16.2
1397	ok	0.0	1.0	1.28e-02	12.7	18.8	12.7	21.5	-65.1	-85.3	47.6	304.7	356.1	-55.7
1398	ok	0.0	0.3	6.91e-03	12.7	12.7	12.7	12.7	-28.0	-10.8	-12.1	43.2	64.0	-0.4
1399	ok	0.0	0.2	7.09e-03	12.7	12.7	12.7	12.7	-9.6	-1.0	4.9	-42.5	-32.7	-17.7
1400	ok	0.0	0.4	7.60e-03	12.7	12.7	12.7	12.7	13.8	3.7	0.4	-85.4	-39.3	-10.4
1401	ok	0.0	0.5	6.97e-03	12.7	12.7	12.7	12.7	-0.8	-1.9	-1.9	-117.7	-79.6	-19.6
1402	ok	0.0	0.4	8.65e-03	12.7	12.7	12.7	12.7	-102.4	-28.0	5.4	52.5	38.8	-23.3
1403	ok	0.0	0.3	8.26e-03	12.7	12.7	12.7	12.7	22.7	4.0	-5.4	-59.0	-39.7	14.9
1404	ok	0.0	0.4	8.27e-03	12.7	12.7	12.7	12.7	27.1	4.6	-5.4	-72.8	-42.7	10.5
1405	ok	0.0	0.4	8.13e-03	12.7	12.7	12.7	12.7	26.8	3.7	-3.9	-78.5	-47.0	4.1
1406	ok	0.0	0.5	1.04e-02	12.7	12.7	12.7	12.7	-83.4	-26.4	11.6	92.1	93.4	-43.2
1407	ok	0.0	0.8	5.68e-03	12.7	12.7	12.7	12.7	-42.0	-29.2	-16.4	151.6	137.3	-40.4
1408	ok	0.0	1.0	9.03e-03	12.7	19.2	12.7	22.1	-47.8	-58.2	30.2	258.2	310.5	-105.5
1409	ok	0.0	0.6	5.63e-03	12.7	12.7	12.7	12.7	-39.8	-10.1	-15.7	101.6	82.4	-45.8
1410	ok	0.0	0.4	5.89e-03	12.7	12.7	12.7	12.7	-60.8	-9.0	-1.7	41.4	43.5	-65.5
1411	ok	0.0	0.4	5.36e-03	12.7	12.7	12.7	12.7	27.1	8.2	9.1	-67.2	-51.7	13.7
1412	ok	0.0	0.4	5.90e-03	12.7	12.7	12.7	12.7	-56.2	-4.3	-4.4	27.3	22.8	-70.9
1413	ok	0.0	0.4	5.07e-03	12.7	12.7	12.7	12.7	21.7	11.6	3.5	-68.2	-47.8	30.3
1414	ok	0.0	0.5	5.02e-03	12.7	12.7	12.7	12.7	-8.8	-5.4	-3.1	-88.2	-82.9	-38.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1415	ok	0.0	1.0	1.57e-02	12.7	12.7	17.8	12.7	-46.2	115.7	-211.6	-61.7	-238.6	-63.4
1416	ok	0.0	0.7	1.66e-02	12.7	12.7	12.7	12.7	-10.4	75.8	-121.6	103.1	-121.7	-80.9
1417	ok	0.0	0.8	8.47e-03	12.7	13.8	12.7	12.7	-14.0	69.6	-86.8	130.6	-103.2	-79.7
1418	ok	0.0	1.0	8.55e-03	12.7	17.6	12.7	13.3	-32.9	-8.7	-83.3	276.9	49.2	-55.1
1419	ok	0.0	0.8	1.06e-02	12.7	12.7	12.7	12.7	-54.8	19.4	-6.2	170.5	20.2	-51.3
1420	ok	0.0	0.6	6.28e-03	12.7	12.7	12.7	12.7	-64.7	13.4	-6.1	133.3	7.5	-54.9
1421	ok	0.0	0.5	5.13e-03	12.7	12.7	12.7	12.7	-43.8	7.2	-8.3	77.7	4.0	-76.3
1422	ok	0.0	0.6	7.83e-03	12.7	12.7	12.7	12.7	-30.4	-21.7	-62.4	-31.7	-72.5	-35.6
1423	ok	0.0	0.7	1.39e-02	12.7	12.7	12.7	12.7	84.9	25.3	101.2	33.3	73.4	66.1
1424	ok	0.0	0.7	1.08e-02	12.7	12.7	12.7	12.7	48.6	38.0	96.0	22.9	98.3	55.6
1425	ok	0.0	0.6	9.02e-03	12.7	12.7	12.7	12.7	21.9	45.5	81.3	10.9	116.6	29.4
1426	ok	0.0	0.7	8.16e-03	12.7	12.7	12.7	12.7	-15.7	55.2	86.2	21.8	158.1	9.6
1427	ok	0.0	0.8	1.53e-02	12.7	12.7	12.7	12.7	97.6	34.9	127.8	62.8	86.5	76.9
1428	ok	0.0	0.9	1.14e-02	12.7	12.7	12.7	12.7	35.8	53.9	113.0	52.3	126.9	69.9
1429	ok	0.0	0.8	9.47e-03	12.7	12.7	12.7	12.7	4.0	59.7	88.6	31.1	156.6	39.3
1430	ok	0.0	0.6	9.22e-03	12.7	12.7	12.7	12.7	56.2	27.8	26.9	-107.7	-51.0	-37.3
1431	ok	0.0	0.3	1.13e-02	12.7	12.7	12.7	12.7	-55.7	23.9	-27.9	-11.1	-63.4	-34.9
1432	ok	0.0	0.3	1.08e-02	12.7	12.7	12.7	12.7	-0.9	-3.1	-3.2	-15.6	-49.1	-42.4
1433	ok	0.0	0.5	1.04e-02	12.7	12.7	12.7	12.7	77.9	35.1	33.3	-70.0	-40.9	-35.7
1434	ok	0.0	0.4	9.29e-03	12.7	12.7	12.7	12.7	1.1	-7.6	-30.9	-24.2	-59.8	-40.6
1435	ok	0.0	0.3	9.35e-03	12.7	12.7	12.7	12.7	-33.6	-8.7	-60.9	-27.9	-65.2	-36.7
1436	ok	0.0	0.4	8.03e-03	12.7	12.7	12.7	12.7	-29.1	-14.9	-62.2	-28.3	-68.2	-36.8
1437	ok	0.0	0.3	1.13e-02	12.7	12.7	12.7	12.7	-71.2	4.3	-53.4	-22.8	-58.2	-45.3
1438	ok	0.0	0.4	1.20e-02	12.7	12.7	12.7	12.7	-80.0	0.5	-65.7	-33.3	-58.9	-45.0
1439	ok	0.0	0.5	1.28e-02	12.7	12.7	12.7	12.7	-81.5	-0.4	-63.8	-29.0	-57.8	-44.3
1440	ok	0.0	0.3	1.10e-02	12.7	12.7	12.7	12.7	-60.9	2.4	-59.5	-20.4	-56.1	-48.3
1441	ok	0.0	0.4	1.05e-02	12.7	12.7	12.7	12.7	-64.4	-2.8	-67.9	-31.9	-60.6	-45.8
1442	ok	0.0	0.5	1.07e-02	12.7	12.7	12.7	12.7	-67.1	-5.3	-66.6	-29.5	-63.1	-44.6
1443	ok	0.0	0.4	1.01e-02	12.7	12.7	12.7	12.7	-48.8	0.4	-61.3	-18.7	-52.2	-47.6
1444	ok	0.0	0.3	1.03e-02	12.7	12.7	12.7	12.7	-49.6	-8.0	-63.7	-27.6	-62.0	-39.9
1445	ok	0.0	0.4	9.15e-03	12.7	12.7	12.7	12.7	-52.2	-12.4	-63.3	-30.2	-66.3	-38.7
1446	ok	0.0	1.0	6.44e-03	41.9	42.2	26.1	30.3	68.9	24.2	20.1	494.8	202.7	227.3
1447	ok	0.0	0.3	9.65e-03	12.7	12.7	12.7	12.7	-4.3	8.8	-0.9	-11.1	-59.7	-30.8
1448	ok	0.0	0.3	9.69e-03	12.7	12.7	12.7	12.7	-48.5	0.4	-37.2	21.7	-62.2	-25.9
1449	ok	0.0	1.0	9.34e-03	15.6	13.0	16.5	12.7	44.7	23.8	20.4	-126.7	-149.1	-147.0
1450	ok	0.0	0.9	9.76e-03	27.8	22.5	12.7	12.7	59.2	6.4	19.5	-426.0	-73.8	-63.1
1451	ok	0.0	0.3	1.01e-02	12.7	12.7	12.7	12.7	-4.0	10.1	-1.0	-13.7	-55.3	-37.0
1452	ok	0.0	0.4	9.36e-03	12.7	12.7	12.7	12.7	66.8	-26.8	36.9	-43.2	-45.1	-40.2
1453	ok	0.0	0.6	1.16e-02	12.7	12.7	12.7	12.7	87.9	-15.5	52.2	-82.1	-44.5	-38.9
1454	ok	0.0	0.9	8.13e-03	23.9	25.3	13.5	12.7	69.9	7.5	18.1	401.5	70.8	-25.1
1455	ok	0.0	0.3	9.32e-03	12.7	12.7	12.7	12.7	-80.6	15.0	-26.6	-23.3	-51.0	25.1
1456	ok	0.0	0.4	8.95e-03	12.7	12.7	12.7	12.7	-82.3	13.1	-29.2	-21.1	-83.3	33.9
1457	ok	0.0	0.4	8.74e-03	12.7	12.7	12.7	12.7	-74.5	10.9	-27.2	-34.9	-79.5	36.0
1458	ok	0.0	0.6	7.71e-03	12.7	12.7	12.7	12.7	-68.6	-15.7	-32.1	-104.3	-85.8	-3.9
1459	ok	0.0	0.3	9.31e-03	12.7	12.7	12.7	12.7	-81.1	11.7	-26.5	-25.0	-55.3	27.3
1460	ok	0.0	0.3	8.60e-03	12.7	12.7	12.7	12.7	-77.6	-11.5	-21.6	-24.8	-62.2	25.8
1461	ok	0.0	0.3	8.77e-03	12.7	12.7	12.7	12.7	-78.6	-16.4	-24.7	-36.8	-62.4	31.8
1462	ok	0.0	0.3	7.65e-03	12.7	12.7	12.7	12.7	-68.0	-13.8	-19.8	-30.9	-65.1	18.6
1463	ok	0.0	0.3	8.89e-03	12.7	12.7	12.7	12.7	19.5	5.6	5.2	-26.6	-71.8	16.7
1464	ok	0.0	0.3	8.42e-03	12.7	12.7	12.7	12.7	-78.1	-12.9	-21.4	-29.5	-65.1	26.4
1465	ok	0.0	0.3	7.87e-03	12.7	12.7	12.7	12.7	-72.9	-14.1	-19.8	-34.7	-68.2	24.3
1466	ok	0.0	0.4	7.15e-03	12.7	12.7	12.7	12.7	-32.1	-9.7	-0.4	-22.9	-78.8	18.9
1467	ok	0.0	0.4	8.11e-03	12.7	12.7	12.7	12.7	18.5	3.6	4.3	-40.5	-80.0	30.3
1468	ok	0.0	0.4	7.74e-03	12.7	12.7	12.7	12.7	19.9	4.0	4.7	-34.2	-84.2	27.2
1469	ok	0.0	0.4	7.42e-03	12.7	12.7	12.7	12.7	21.5	4.4	5.1	-27.1	-84.5	23.0
1470	ok	0.0	0.3	7.46e-03	12.7	12.7	12.7	12.7	-68.0	-14.3	-17.9	-20.3	-66.3	24.8
1471	ok	0.0	0.4	8.46e-03	12.7	12.7	12.7	12.7	18.9	4.6	4.8	-34.6	-76.0	23.5
1472	ok	0.0	0.4	8.02e-03	12.7	12.7	12.7	12.7	-88.2	-15.1	-21.6	-30.9	-66.7	28.3
1473	ok	0.0	0.4	7.65e-03	12.7	12.7	12.7	12.7	-72.5	-14.8	-18.1	-26.6	-68.5	27.4
1474	ok	0.0	0.4	6.63e-03	12.7	12.7	12.7	12.7	21.9	3.2	4.8	-36.1	-96.2	26.6
1475	ok	0.0	0.5	7.59e-03	12.7	12.7	12.7	12.7	17.3	2.0	3.5	-40.3	-88.9	41.1
1476	ok	0.0	0.5	7.22e-03	12.7	12.7	12.7	12.7	18.9	2.4	4.0	-38.9	-96.2	36.2
1477	ok	0.0	0.5	6.91e-03	12.7	12.7	12.7	12.7	20.5	2.8	4.3	-37.6	-98.6	31.2
1478	ok	0.0	0.4	6.88e-03	12.7	12.7	12.7	12.7	-32.0	-10.2	-7.46e-02	-31.9	-85.7	24.4
1479	ok	0.0	0.4	7.83e-03	12.7	12.7	12.7	12.7	17.9	2.8	3.9	-42.9	-84.1	36.4
1480	ok	0.0	0.4	7.48e-03	12.7	12.7	12.7	12.7	19.5	3.1	4.3	-38.3	-90.1	32.9
1481	ok	0.0	0.4	7.17e-03	12.7	12.7	12.7	12.7	21.0	3.5	4.8	-33.7	-91.7	28.5
1482	ok	0.0	0.5	5.96e-03	12.7	12.7	12.7	12.7	20.8	1.6	3.1	-42.7	-115.4	17.9
1483	ok	0.0	0.5	6.88e-03	12.7	12.7	12.7	12.7	15.9	0.1	2.2	-14.8	-106.6	32.1
1484	ok	0.0	0.5	6.50e-03	12.7	12.7	12.7	12.7	17.7	0.6	2.5	-27.1	-114.6	26.8
1485	ok	0.0	0.5	6.20e-03	12.7	12.7	12.7	12.7	19.4	1.1	2.8	-36.2	-117.3	22.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1486	ok	0.0	0.5	6.17e-03	12.7	12.7	12.7	12.7	21.1	2.1	3.7	-42.1	-109.5	22.6
1487	ok	0.0	0.5	6.39e-03	12.7	12.7	12.7	12.7	21.4	2.7	4.2	-40.3	-102.9	25.7
1488	ok	0.0	0.5	7.13e-03	12.7	12.7	12.7	12.7	16.3	0.8	2.6	-24.0	-100.4	39.8
1489	ok	0.0	0.5	7.37e-03	12.7	12.7	12.7	12.7	16.8	1.4	3.0	-33.6	-94.2	42.5
1490	ok	0.0	0.5	6.72e-03	12.7	12.7	12.7	12.7	18.1	1.1	3.0	-31.5	-108.8	33.4
1491	ok	0.0	0.5	6.97e-03	12.7	12.7	12.7	12.7	18.4	1.8	3.5	-36.2	-102.3	36.5
1492	ok	0.0	0.5	6.43e-03	12.7	12.7	12.7	12.7	19.7	1.6	3.3	-37.6	-111.6	27.8
1493	ok	0.0	0.5	6.67e-03	12.7	12.7	12.7	12.7	20.0	2.2	3.8	-38.5	-105.1	30.9
1494	ok	0.0	0.5	5.42e-03	12.7	12.7	12.7	12.7	20.4	0.4	1.5	-46.9	-124.0	3.9
1495	ok	0.0	0.5	6.36e-03	12.7	12.7	12.7	12.7	18.5	12.0	-2.7	-28.2	-107.4	-5.9
1496	ok	0.0	0.5	6.01e-03	12.7	12.7	12.7	12.7	17.0	-0.6	1.2	-32.1	-120.1	1.8
1497	ok	0.0	0.5	5.68e-03	12.7	12.7	12.7	12.7	18.8	-0.1	1.4	-41.1	-124.3	3.4
1498	ok	0.0	0.5	5.70e-03	12.7	12.7	12.7	12.7	20.6	0.9	2.3	-43.3	-121.3	10.5
1499	ok	0.0	0.5	6.62e-03	12.7	12.7	12.7	12.7	15.5	-0.6	1.6	-9.4	-111.8	15.8
1500	ok	0.0	0.5	6.26e-03	12.7	12.7	12.7	12.7	17.3	-0.1	1.9	-24.9	-119.7	14.5
1501	ok	0.0	0.5	5.95e-03	12.7	12.7	12.7	12.7	19.0	0.4	2.1	-35.9	-122.7	12.7
1502	ok	0.0	0.5	5.17e-03	12.7	12.7	12.7	12.7	20.3	4.09e-02	1.0	-51.5	-123.8	0.6
1503	ok	0.0	0.5	6.15e-03	12.7	12.7	12.7	12.7	17.0	10.0	-1.3	-37.2	-106.0	-8.8
1504	ok	0.0	0.5	5.80e-03	12.7	12.7	12.7	12.7	16.6	-0.7	0.8	-42.3	-117.6	-5.2
1505	ok	0.0	0.5	5.47e-03	12.7	12.7	12.7	12.7	18.5	-0.3	1.0	-48.3	-122.7	-1.8
1506	ok	0.0	0.5	5.01e-03	12.7	12.7	12.7	12.7	20.2	-2.43e-02	0.8	-55.4	-122.1	-0.8
1507	ok	0.0	0.5	6.02e-03	12.7	12.7	12.7	12.7	14.3	-1.1	0.3	-43.9	-104.5	-12.8
1508	ok	0.0	0.5	5.65e-03	12.7	12.7	12.7	12.7	16.5	-0.8	0.6	-49.2	-115.4	-7.6
1509	ok	0.0	0.5	5.32e-03	12.7	12.7	12.7	12.7	18.5	-0.4	0.7	-53.2	-121.2	-3.7
1510	ok	0.0	0.5	4.63e-03	12.7	12.7	12.7	12.7	20.2	-4.39e-02	-0.2	-66.2	-115.5	-1.4
1511	ok	0.0	0.4	5.60e-03	12.7	12.7	12.7	12.7	13.9	-0.9	-2.65e-02	-67.6	-97.3	-9.8
1512	ok	0.0	0.5	5.24e-03	12.7	12.7	12.7	12.7	16.3	-0.7	-3.39e-02	-66.7	-108.2	-7.2
1513	ok	0.0	0.5	4.91e-03	12.7	12.7	12.7	12.7	18.4	-0.4	-8.43e-02	-66.4	-114.3	-4.4
1514	ok	0.0	0.5	4.84e-03	12.7	12.7	12.7	12.7	20.2	-0.1	0.3	-61.1	-119.2	-1.6
1515	ok	0.0	0.4	5.85e-03	12.7	12.7	12.7	12.7	14.0	-1.0	0.1	-58.6	-100.1	-13.1
1516	ok	0.0	0.5	5.47e-03	12.7	12.7	12.7	12.7	16.3	-0.8	0.2	-59.6	-111.5	-8.9
1517	ok	0.0	0.5	5.14e-03	12.7	12.7	12.7	12.7	18.4	-0.5	0.3	-60.6	-117.8	-5.1
1518	ok	0.0	0.4	3.87e-03	12.7	12.7	12.7	12.7	21.5	1.1	-2.4	-58.0	-106.4	-6.4
1519	ok	0.0	0.5	4.65e-03	12.7	12.7	12.7	12.7	14.1	10.9	-4.1	-49.3	-104.6	8.5
1520	ok	0.0	0.5	4.31e-03	12.7	12.7	12.7	12.7	13.8	10.3	-2.0	-48.3	-106.2	6.6
1521	ok	0.0	0.5	4.04e-03	12.7	12.7	12.7	12.7	19.7	0.3	-1.8	-54.6	-108.0	-6.5
1522	ok	0.0	0.5	4.03e-03	12.7	12.7	12.7	12.7	21.0	0.7	-1.7	-63.8	-108.4	-3.7
1523	ok	0.0	0.5	4.22e-03	12.7	12.7	12.7	12.7	20.6	0.3	-1.1	-67.1	-110.7	-1.9
1524	ok	0.0	0.5	4.42e-03	12.7	12.7	12.7	12.7	20.4	0.1	-0.6	-68.3	-112.4	-1.4
1525	ok	0.0	0.4	4.90e-03	12.7	12.7	12.7	12.7	14.7	8.9	-5.2	-54.7	-103.4	6.6
1526	ok	0.0	0.4	5.14e-03	12.7	12.7	12.7	12.7	14.2	-0.6	-0.3	-65.8	-95.4	-3.6
1527	ok	0.0	0.4	5.37e-03	12.7	12.7	12.7	12.7	14.0	-0.7	-0.1	-69.4	-96.0	-6.3
1528	ok	0.0	0.5	4.55e-03	12.7	12.7	12.7	12.7	17.0	-0.3	-0.8	-59.9	-104.3	-4.0
1529	ok	0.0	0.4	4.78e-03	12.7	12.7	12.7	12.7	16.6	-0.4	-0.5	-66.0	-104.9	-4.0
1530	ok	0.0	0.4	5.01e-03	12.7	12.7	12.7	12.7	16.4	-0.6	-0.3	-68.4	-106.2	-5.4
1531	ok	0.0	0.5	4.26e-03	12.7	12.7	12.7	12.7	19.2	8.41e-02	-1.3	-61.7	-109.1	-4.2
1532	ok	0.0	0.5	4.48e-03	12.7	12.7	12.7	12.7	18.8	-7.36e-02	-0.8	-66.7	-109.8	-3.6
1533	ok	0.0	0.5	4.69e-03	12.7	12.7	12.7	12.7	18.5	-0.3	-0.4	-68.2	-111.8	-3.7
1534	ok	0.0	0.4	3.56e-03	12.7	12.7	12.7	12.7	22.6	1.9	-3.9	-45.2	-103.2	-11.8
1535	ok	0.0	0.5	4.31e-03	12.7	12.7	12.7	12.7	14.3	8.1	-0.8	-38.4	-105.1	7.8
1536	ok	0.0	0.5	3.98e-03	12.7	12.7	12.7	12.7	14.2	7.1	-1.1	-38.9	-106.3	6.5
1537	ok	0.0	0.5	3.75e-03	12.7	12.7	12.7	12.7	20.9	0.8	-3.0	-41.0	-105.7	-12.3
1538	ok	0.0	0.4	3.19e-03	12.7	12.7	12.7	12.7	38.5	7.1	-7.3	-29.3	-96.1	-16.0
1539	ok	0.0	0.4	3.81e-03	12.7	12.7	12.7	12.7	15.0	7.4	2.5	-27.3	-102.6	7.1
1540	ok	0.0	0.4	3.53e-03	12.7	12.7	12.7	12.7	35.1	4.0	-4.9	-21.8	-98.1	-22.1
1541	ok	0.0	0.4	3.32e-03	12.7	12.7	12.7	12.7	37.2	5.4	-6.2	-27.1	-99.0	-18.8
1542	ok	0.0	0.4	3.36e-03	12.7	12.7	12.7	12.7	23.4	2.6	-5.1	-36.2	-100.2	-14.9
1543	ok	0.0	0.4	4.03e-03	12.7	12.7	12.7	12.7	14.6	8.2	0.9	-32.1	-104.4	7.2
1544	ok	0.0	0.5	3.73e-03	12.7	12.7	12.7	12.7	34.0	3.8	-3.8	-27.8	-102.0	-16.4
1545	ok	0.0	0.4	3.52e-03	12.7	12.7	12.7	12.7	36.1	4.9	-4.9	-34.0	-102.9	-15.2
1546	ok	0.0	0.4	3.02e-03	12.7	12.7	12.7	12.7	39.6	8.3	-9.3	-21.3	-90.4	-16.6
1547	ok	0.0	0.4	3.56e-03	12.7	12.7	12.7	12.7	15.7	5.7	1.7	-27.6	-100.1	5.7
1548	ok	0.0	0.4	3.31e-03	12.7	12.7	12.7	12.7	36.7	4.6	-6.5	-18.2	-91.5	-26.7
1549	ok	0.0	0.4	3.13e-03	12.7	12.7	12.7	12.7	38.6	6.4	-8.0	-21.2	-92.7	-21.3
1550	ok	0.0	0.4	2.84e-03	12.7	12.7	12.7	12.7	6.1	3.0	1.9	-2.7	-96.9	18.1
1551	ok	0.0	0.4	3.29e-03	12.7	12.7	12.7	12.7	16.5	3.4	3.3	-25.8	-94.8	10.7
1552	ok	0.0	0.4	3.07e-03	12.7	12.7	12.7	12.7	16.3	3.3	1.7	-20.0	-98.5	13.6
1553	ok	0.0	0.4	2.93e-03	12.7	12.7	12.7	12.7	7.3	3.2	2.4	-11.4	-98.7	18.0
1554	ok	0.0	0.4	2.61e-03	12.7	12.7	12.7	12.7	6.8	-0.2	2.3	12.5	-93.5	31.6
1555	ok	0.0	0.4	2.94e-03	12.7	12.7	12.7	12.7	19.0	-1.4	5.4	-17.6	-88.5	27.1
1556	ok	0.0	0.4	2.77e-03	12.7	12.7	12.7	12.7	18.0	-1.0	4.1	-8.3	-93.1	28.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1557	ok	0.0	0.4	2.66e-03	12.7	12.7	12.7	12.7	8.9	-0.4	2.8	4.4	-92.9	31.9
1558	ok	0.0	0.4	2.72e-03	12.7	12.7	12.7	12.7	6.6	-0.2	2.2	4.8	-95.1	24.5
1559	ok	0.0	0.4	3.09e-03	12.7	12.7	12.7	12.7	17.4	1.8	3.9	-23.2	-92.2	16.2
1560	ok	0.0	0.4	2.91e-03	12.7	12.7	12.7	12.7	17.0	2.1	2.6	-15.2	-94.5	20.6
1561	ok	0.0	0.4	2.79e-03	12.7	12.7	12.7	12.7	8.1	2.4	1.5	-8.0	-96.9	22.3
1562	ok	0.0	0.4	2.49e-03	12.7	12.7	12.7	12.7	6.7	-1.5	3.7	32.0	-91.8	40.6
1563	ok	0.0	0.5	2.83e-03	12.7	12.7	12.7	12.7	-10.1	15.9	-18.4	32.0	51.1	-81.4
1564	ok	0.0	0.5	2.67e-03	12.7	12.7	12.7	12.7	-21.3	23.0	-20.4	45.7	48.0	-60.7
1565	ok	0.0	0.4	2.59e-03	12.7	12.7	12.7	12.7	10.2	-1.5	3.1	22.9	-92.6	43.9
1566	ok	0.0	0.4	2.55e-03	12.7	12.7	12.7	12.7	6.9	-0.8	2.3	20.7	-92.4	38.1
1567	ok	0.0	0.5	2.84e-03	12.7	12.7	12.7	12.7	-10.8	10.6	-15.9	21.4	39.8	-76.5
1568	ok	0.0	0.4	2.69e-03	12.7	12.7	12.7	12.7	19.1	-1.4	4.1	-2.4	-91.3	36.5
1569	ok	0.0	0.4	2.60e-03	12.7	12.7	12.7	12.7	9.6	-0.9	2.7	12.4	-90.5	39.3
1570	ok	0.0	0.5	2.54e-03	12.7	12.7	12.7	12.7	6.1	-1.4	4.2	54.7	-94.6	48.6
1571	ok	0.0	0.7	2.97e-03	12.7	12.7	12.7	12.7	-22.3	31.3	-22.9	80.9	63.5	-78.5
1572	ok	0.0	0.6	2.53e-03	12.7	12.7	12.7	12.7	-18.1	34.9	-24.0	77.6	73.7	-67.7
1573	ok	0.0	0.6	2.67e-03	12.7	12.7	12.7	12.7	-17.0	37.5	-26.2	73.6	82.0	-51.6
1574	ok	0.0	0.7	2.89e-03	12.7	12.7	12.7	12.7	-16.3	53.0	-27.5	92.8	124.3	-42.9
1575	ok	0.0	0.9	3.36e-03	12.7	12.7	12.7	12.7	-24.5	45.8	-24.4	124.6	83.9	-85.7
1576	ok	0.0	0.8	2.39e-03	12.7	12.7	12.7	12.7	-11.5	47.7	-27.5	113.1	97.0	-76.5
1577	ok	0.0	0.8	3.15e-03	12.7	12.7	12.7	12.7	-19.8	52.2	-31.2	116.7	115.7	-66.4
1578	ok	0.0	0.9	6.57e-03	12.7	12.7	12.7	14.9	-49.5	72.1	-10.7	138.2	114.4	-71.9
1579	ok	0.0	1.0	6.32e-03	12.7	12.7	12.7	12.7	-7.5	49.1	-37.1	124.8	109.6	-105.1
1580	ok	0.0	1.0	2.45e-03	12.7	12.7	12.7	12.7	-10.7	55.9	-35.8	139.2	101.9	-89.1
1581	ok	0.0	0.9	5.00e-03	12.7	12.7	12.7	16.0	-3.9	57.6	-42.0	120.9	168.9	-90.3
1582	ok	0.0	0.9	1.52e-02	12.7	38.7	13.4	31.5	-132.0	24.0	96.9	557.0	274.7	-154.6
1583	ok	0.0	1.0	6.60e-03	12.7	19.0	16.3	16.3	-9.5	60.7	-75.6	177.1	130.9	-148.6
1584	ok	0.0	1.0	4.65e-03	12.7	16.5	15.8	16.6	-4.8	89.7	-75.1	136.1	136.7	-142.7
1585	ok	0.0	1.0	9.24e-03	12.7	18.5	13.0	16.6	21.4	-5.4	54.3	174.1	-128.7	115.1
1586	ok	0.0	1.0	9.97e-03	12.7	12.7	14.7	24.8	-16.2	1.3	96.2	137.6	-203.7	69.6
1587	ok	0.0	1.0	6.34e-03	12.7	16.8	15.3	17.0	-17.7	42.6	-76.1	114.3	123.5	-172.5
1588	ok	0.0	1.0	5.54e-03	12.7	16.1	19.9	19.7	-1.0	90.3	-103.8	102.7	167.0	-161.5
1589	ok	0.0	1.0	7.93e-03	12.7	14.0	21.4	23.3	-7.1	91.8	-86.5	99.8	294.2	-109.2
1590	ok	0.0	1.0	1.44e-02	12.7	14.1	18.2	26.2	-15.2	175.4	-128.2	67.3	353.0	-46.9
1591	ok	0.0	1.0	7.85e-03	12.7	14.1	15.7	15.6	-33.1	28.1	-88.1	73.0	107.5	-165.1
1592	ok	0.0	1.0	7.78e-03	12.7	14.8	22.8	20.4	-14.7	31.9	-102.9	72.9	187.3	-169.3
1593	ok	0.0	1.0	1.87e-02	12.7	16.1	24.1	25.8	90.6	135.9	-183.9	85.1	311.3	-114.1
1594	ok	0.0	1.0	3.68e-02	12.9	12.7	25.6	28.9	77.9	112.6	231.5	-43.5	-378.2	61.3
1595	ok	0.0	0.8	8.68e-03	12.7	12.7	15.7	12.7	-23.7	-18.6	-84.6	0.4	84.4	-138.7
1596	ok	0.0	0.9	1.36e-02	12.7	12.7	24.2	17.0	0.1	293.1	109.4	-39.5	-229.7	144.9
1597	ok	0.0	1.0	1.63e-02	12.7	12.9	30.9	27.1	-70.1	139.6	211.1	-62.8	-405.0	119.2
1598	ok	0.0	0.4	7.09e-03	12.7	12.7	12.7	12.7	4.4	41.2	41.6	19.7	77.0	-48.5
1599	ok	0.0	0.5	8.02e-03	12.7	12.7	12.7	12.7	2.3	48.4	30.7	46.0	86.0	-53.9
1600	ok	0.0	0.5	6.87e-03	12.7	12.7	12.7	12.7	0.7	45.3	52.0	14.6	99.0	-38.4
1601	ok	0.0	0.5	6.70e-03	12.7	12.7	12.7	12.7	-7.1	-17.9	-64.3	-31.8	-78.7	-39.7
1602	ok	0.0	0.7	7.67e-03	12.7	12.7	12.7	12.7	-11.6	60.2	50.8	32.8	153.5	-28.4
1603	ok	0.0	0.6	7.69e-03	12.7	12.7	12.7	12.7	-5.4	57.0	38.8	45.3	123.7	-50.9
1604	ok	0.0	0.4	7.85e-03	12.7	12.7	12.7	12.7	7.1	-3.8	-27.9	-15.4	-60.9	-45.7
1605	ok	0.0	0.4	6.59e-03	12.7	12.7	12.7	12.7	8.0	2.3	-26.1	-41.3	-72.0	-37.1
1606	ok	0.0	0.4	6.67e-03	12.7	12.7	12.7	12.7	-7.0	-9.3	-48.8	-32.7	-73.0	-34.6
1607	ok	0.0	0.4	6.78e-03	12.7	12.7	12.7	12.7	9.2	-28.5	-29.2	-22.6	-62.5	-45.6
1608	ok	0.0	0.4	8.02e-03	12.7	12.7	12.7	12.7	9.0	-2.3	-31.5	-13.0	-61.1	-44.4
1609	ok	0.0	0.5	9.15e-03	12.7	12.7	12.7	12.7	64.5	27.3	28.3	-75.1	-43.7	-32.6
1610	ok	0.0	0.4	8.62e-03	12.7	12.7	12.7	12.7	60.2	30.0	25.0	-52.9	-31.7	-43.2
1611	ok	0.0	0.4	8.28e-03	12.7	12.7	12.7	12.7	8.0	-8.7	-31.4	-23.1	-61.2	-45.5
1612	ok	0.0	0.4	7.39e-03	12.7	12.7	12.7	12.7	-27.0	-7.5	-60.8	-27.4	-65.7	-38.3
1613	ok	0.0	0.4	6.92e-03	12.7	12.7	12.7	12.7	-7.9	-9.1	-54.6	-27.7	-70.5	-35.9
1614	ok	0.0	0.4	7.27e-03	12.7	12.7	12.7	12.7	-6.8	-10.9	-63.7	-37.3	-72.0	-38.6
1615	ok	0.0	0.4	6.54e-03	12.7	12.7	12.7	12.7	-4.3	-12.4	-54.1	-39.3	-76.4	-34.9
1616	ok	0.0	0.3	7.48e-03	12.7	12.7	12.7	12.7	-29.0	-0.3	-41.3	25.7	-55.0	-49.8
1617	ok	0.0	0.3	6.93e-03	12.7	12.7	12.7	12.7	-38.2	25.7	-24.1	13.9	-58.0	-47.6
1618	ok	0.0	0.4	7.74e-03	12.7	12.7	12.7	12.7	-32.6	-15.4	-46.8	28.6	-86.1	-43.6
1619	ok	0.0	0.9	7.89e-03	12.7	12.7	21.6	14.3	67.1	27.1	18.5	-97.5	90.8	96.6
1620	ok	0.0	0.4	8.78e-03	12.7	12.7	12.7	12.7	62.1	-19.4	23.4	-63.8	-60.3	-12.1
1621	ok	0.0	0.4	6.94e-03	12.7	12.7	12.7	12.7	-33.1	3.0	-47.1	11.9	-71.9	-45.2
1622	ok	0.0	0.3	7.47e-03	12.7	12.7	12.7	12.7	-29.9	-4.4	-41.2	39.7	-53.8	-47.0
1623	ok	0.0	0.5	7.38e-03	12.7	12.7	12.7	12.7	-28.9	0.8	-39.4	28.5	-96.8	-51.8
1624	ok	0.0	0.5	9.34e-03	12.7	12.7	12.7	12.7	-44.1	-1.9	-45.4	55.8	-88.2	-46.1
1625	ok	0.0	0.3	7.39e-03	12.7	12.7	12.7	12.7	-26.7	-22.4	-37.4	58.3	-53.9	-38.4
1626	ok	0.0	0.4	8.77e-03	12.7	12.7	12.7	12.7	-0.2	-5.0	-17.5	31.1	-62.4	-40.2
1627	ok	0.0	0.3	7.38e-03	12.7	12.7	12.7	12.7	-29.9	-18.4	-39.4	39.6	-70.2	-37.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1628	ok	0.0	0.3	7.12e-03	12.7	12.7	12.7	12.7	5.1	-8.2	-14.1	64.4	-46.2	-28.1
1629	ok	0.0	0.3	7.91e-03	12.7	12.7	12.7	12.7	-2.48e-02	-4.6	-17.4	26.9	-64.2	-31.1
1630	ok	0.0	0.3	7.30e-03	12.7	12.7	12.7	12.7	3.9	-4.0	-17.7	41.3	-60.6	-32.4
1631	ok	0.0	0.2	6.27e-03	12.7	12.7	12.7	12.7	25.7	5.7	8.2	14.1	-45.3	12.5
1632	ok	0.0	0.3	6.88e-03	12.7	12.7	12.7	12.7	-61.9	-16.0	-18.0	-17.4	-60.7	28.7
1633	ok	0.0	0.3	6.61e-03	12.7	12.7	12.7	12.7	-56.5	-15.2	-17.7	-13.1	-53.5	27.4
1634	ok	0.0	0.3	6.65e-03	12.7	12.7	12.7	12.7	5.5	-5.1	-13.6	53.2	-41.4	-11.6
1635	ok	0.0	0.3	6.97e-03	12.7	12.7	12.7	12.7	3.6	-3.0	-13.9	34.9	-58.0	-17.0
1636	ok	0.0	0.3	7.29e-03	12.7	12.7	12.7	12.7	1.7	-3.1	-14.2	19.2	-65.0	-17.6
1637	ok	0.0	0.3	5.72e-03	12.7	12.7	12.7	12.7	-27.1	-10.9	-0.6	-34.8	-64.9	13.3
1638	ok	0.0	0.3	5.92e-03	12.7	12.7	12.7	12.7	-49.1	-16.4	-18.4	-23.3	-45.3	23.5
1639	ok	0.0	0.4	6.07e-03	12.7	12.7	12.7	12.7	-28.4	-10.9	-0.4	-35.7	-77.6	18.0
1640	ok	0.0	0.4	6.36e-03	12.7	12.7	12.7	12.7	-30.0	-10.9	-0.1	-36.9	-87.1	22.3
1641	ok	0.0	0.4	6.61e-03	12.7	12.7	12.7	12.7	-30.2	-10.4	-0.3	-27.0	-80.1	20.8
1642	ok	0.0	0.3	6.31e-03	12.7	12.7	12.7	12.7	-28.7	-10.5	-0.5	-22.2	-69.9	17.6
1643	ok	0.0	0.4	5.33e-03	12.7	12.7	12.7	12.7	24.4	3.5	3.6	-51.5	-88.2	4.5
1644	ok	0.0	0.3	5.58e-03	12.7	12.7	12.7	12.7	-26.9	-11.3	-0.7	-44.2	-73.5	11.1
1645	ok	0.0	0.4	5.45e-03	12.7	12.7	12.7	12.7	-26.6	-11.5	-0.9	-49.2	-81.0	8.4
1646	ok	0.0	0.4	5.53e-03	12.7	12.7	12.7	12.7	23.3	2.9	3.4	-50.0	-100.3	9.1
1647	ok	0.0	0.5	5.73e-03	12.7	12.7	12.7	12.7	22.1	2.2	3.3	-47.1	-109.6	13.6
1648	ok	0.0	0.5	5.93e-03	12.7	12.7	12.7	12.7	22.3	2.7	3.9	-45.4	-103.4	17.8
1649	ok	0.0	0.4	5.70e-03	12.7	12.7	12.7	12.7	23.5	3.4	4.1	-47.7	-93.8	12.8
1650	ok	0.0	0.4	6.14e-03	12.7	12.7	12.7	12.7	22.6	3.3	4.6	-41.5	-96.5	20.9
1651	ok	0.0	0.4	5.87e-03	12.7	12.7	12.7	12.7	23.7	3.9	4.9	-42.4	-86.4	16.1
1652	ok	0.0	0.4	4.91e-03	12.7	12.7	12.7	12.7	24.2	2.0	1.6	-47.1	-99.7	0.2
1653	ok	0.0	0.4	5.16e-03	12.7	12.7	12.7	12.7	24.2	2.9	2.7	-50.5	-94.4	1.2
1654	ok	0.0	0.5	5.05e-03	12.7	12.7	12.7	12.7	23.1	1.4	1.6	-49.7	-111.5	2.2
1655	ok	0.0	0.5	5.22e-03	12.7	12.7	12.7	12.7	21.8	0.9	1.6	-49.6	-119.6	3.4
1656	ok	0.0	0.5	5.50e-03	12.7	12.7	12.7	12.7	21.9	1.5	2.4	-47.7	-116.0	7.8
1657	ok	0.0	0.5	5.32e-03	12.7	12.7	12.7	12.7	23.1	2.1	2.5	-49.9	-107.2	4.6
1658	ok	0.0	0.4	4.65e-03	12.7	12.7	12.7	12.7	-24.4	-11.1	-1.8	-47.6	-97.6	5.1
1659	ok	0.0	0.5	4.80e-03	12.7	12.7	12.7	12.7	23.1	1.0	1.1	-51.1	-112.5	2.4
1660	ok	0.0	0.5	4.97e-03	12.7	12.7	12.7	12.7	21.8	0.5	1.1	-52.6	-120.1	1.8
1661	ok	0.0	0.4	4.47e-03	12.7	12.7	12.7	12.7	-24.0	-10.7	-2.0	-49.4	-96.7	7.3
1662	ok	0.0	0.5	4.79e-03	12.7	12.7	12.7	12.7	21.8	0.3	0.8	-55.1	-119.5	1.5
1663	ok	0.0	0.5	4.62e-03	12.7	12.7	12.7	12.7	23.1	0.8	0.8	-52.8	-112.1	3.2
1664	ok	0.0	0.4	4.08e-03	12.7	12.7	12.7	12.7	24.0	1.3	-0.2	-60.3	-92.5	10.7
1665	ok	0.0	0.5	4.38e-03	12.7	12.7	12.7	12.7	21.8	0.3	-0.2	-64.7	-113.0	2.2
1666	ok	0.0	0.4	4.22e-03	12.7	12.7	12.7	12.7	23.0	0.8	-0.3	-63.1	-105.1	6.0
1667	ok	0.0	0.4	4.27e-03	12.7	12.7	12.7	12.7	24.1	1.0	0.3	-52.2	-97.7	8.8
1668	ok	0.0	0.5	4.43e-03	12.7	12.7	12.7	12.7	23.1	0.6	0.3	-57.1	-109.4	5.1
1669	ok	0.0	0.5	4.60e-03	12.7	12.7	12.7	12.7	21.8	0.2	0.3	-59.7	-116.8	1.8
1670	ok	0.0	0.3	3.55e-03	12.7	12.7	12.7	12.7	24.5	4.0	-3.7	-66.0	-74.9	-3.0
1671	ok	0.0	0.4	3.71e-03	12.7	12.7	12.7	12.7	22.8	1.9	-3.0	-60.7	-100.3	-5.7
1672	ok	0.0	0.4	3.61e-03	12.7	12.7	12.7	12.7	23.8	2.9	-3.4	-63.2	-89.7	-4.6
1673	ok	0.0	0.3	3.66e-03	12.7	12.7	12.7	12.7	24.2	3.1	-2.7	-70.4	-78.5	2.3
1674	ok	0.0	0.4	3.79e-03	12.7	12.7	12.7	12.7	24.0	2.4	-1.7	-70.4	-82.8	6.9
1675	ok	0.0	0.4	3.92e-03	12.7	12.7	12.7	12.7	24.0	1.8	-0.9	-66.6	-87.5	9.8
1676	ok	0.0	0.4	3.75e-03	12.7	12.7	12.7	12.7	23.4	2.2	-2.4	-68.0	-92.9	-0.4
1677	ok	0.0	0.4	3.89e-03	12.7	12.7	12.7	12.7	22.4	1.4	-2.1	-65.9	-102.9	-2.4
1678	ok	0.0	0.4	3.91e-03	12.7	12.7	12.7	12.7	23.2	1.6	-1.6	-69.2	-96.6	3.1
1679	ok	0.0	0.4	4.02e-03	12.7	12.7	12.7	12.7	22.1	0.9	-1.4	-68.1	-106.0	0.2
1680	ok	0.0	0.4	4.05e-03	12.7	12.7	12.7	12.7	23.1	1.1	-0.9	-67.3	-100.8	5.4
1681	ok	0.0	0.5	4.20e-03	12.7	12.7	12.7	12.7	21.9	0.6	-0.8	-67.6	-109.4	1.7
1682	ok	0.0	0.3	3.35e-03	12.7	12.7	12.7	12.7	25.0	5.5	-5.6	-50.5	-70.3	-10.7
1683	ok	0.0	0.4	3.45e-03	12.7	12.7	12.7	12.7	23.7	3.0	-4.6	-47.7	-96.5	-11.2
1684	ok	0.0	0.4	3.38e-03	12.7	12.7	12.7	12.7	24.5	4.2	-5.2	-49.3	-85.5	-10.8
1685	ok	0.0	0.3	3.01e-03	12.7	12.7	12.7	12.7	39.0	12.5	-8.9	-22.4	-65.1	-13.4
1686	ok	0.0	0.4	3.02e-03	12.7	12.7	12.7	12.7	39.1	8.8	-8.2	-28.8	-89.8	-14.1
1687	ok	0.0	0.4	3.01e-03	12.7	12.7	12.7	12.7	39.2	10.6	-8.7	-26.3	-79.6	-13.2
1688	ok	0.0	0.3	3.17e-03	12.7	12.7	12.7	12.7	39.0	11.1	-7.1	-37.6	-67.1	-13.1
1689	ok	0.0	0.4	3.17e-03	12.7	12.7	12.7	12.7	25.0	5.3	-6.6	-37.4	-82.9	-13.3
1690	ok	0.0	0.4	3.27e-03	12.7	12.7	12.7	12.7	24.4	3.9	-5.9	-37.6	-93.6	-13.8
1691	ok	0.0	0.3	2.85e-03	12.7	12.7	12.7	12.7	1.5	2.7	1.4	10.5	-67.5	3.3
1692	ok	0.0	0.4	2.85e-03	12.7	12.7	12.7	12.7	39.8	10.3	-10.3	-18.6	-84.9	-13.1
1693	ok	0.0	0.4	2.85e-03	12.7	12.7	12.7	12.7	39.6	12.3	-10.8	-13.4	-75.8	-10.8
1694	ok	0.0	0.3	2.66e-03	12.7	12.7	12.7	12.7	1.0	-0.7	2.9	24.5	-69.5	9.4
1695	ok	0.0	0.4	2.67e-03	12.7	12.7	12.7	12.7	4.4	3.0	1.7	5.2	-91.5	16.9
1696	ok	0.0	0.4	2.67e-03	12.7	12.7	12.7	12.7	2.6	0.1	2.1	13.9	-82.7	15.3
1697	ok	0.0	0.3	2.52e-03	12.7	12.7	12.7	12.7	-1.2	-1.8	5.4	36.8	-70.7	26.5
1698	ok	0.0	0.4	2.46e-03	12.7	12.7	12.7	12.7	4.0	-0.4	2.7	20.5	-90.6	30.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1699	ok	0.0	0.4	2.48e-03	12.7	12.7	12.7	12.7	1.2	-0.9	3.7	28.6	-83.3	28.3
1700	ok	0.0	0.3	2.54e-03	12.7	12.7	12.7	12.7	0.1	-1.4	4.3	31.7	-70.1	20.6
1701	ok	0.0	0.4	2.55e-03	12.7	12.7	12.7	12.7	2.0	-0.3	3.1	21.7	-82.9	22.1
1702	ok	0.0	0.4	2.54e-03	12.7	12.7	12.7	12.7	4.3	0.1	2.3	12.8	-91.0	23.6
1703	ok	0.0	0.3	2.56e-03	12.7	12.7	12.7	12.7	-3.1	-2.2	6.0	45.6	-75.8	31.6
1704	ok	0.0	0.4	2.46e-03	12.7	12.7	12.7	12.7	2.4	-1.4	3.3	39.2	-91.4	41.3
1705	ok	0.0	0.4	2.53e-03	12.7	12.7	12.7	12.7	-1.5	-1.7	5.3	44.6	-86.2	35.8
1706	ok	0.0	0.3	2.55e-03	12.7	12.7	12.7	12.7	-2.5	-2.1	6.4	41.4	-72.1	29.5
1707	ok	0.0	0.4	2.49e-03	12.7	12.7	12.7	12.7	0.1	-1.2	4.3	35.3	-84.3	32.8
1708	ok	0.0	0.4	2.41e-03	12.7	12.7	12.7	12.7	3.4	-0.9	2.9	28.3	-90.7	35.9
1709	ok	0.0	0.4	2.63e-03	12.7	12.7	12.7	12.7	-5.8	-3.7	7.7	58.5	-86.9	30.8
1710	ok	0.0	0.5	2.63e-03	12.7	12.7	12.7	12.7	1.7	-1.4	2.3	52.7	-97.6	48.0
1711	ok	0.0	0.4	2.63e-03	12.7	12.7	12.7	12.7	-4.8	-2.5	6.7	61.8	-95.5	38.9
1712	ok	0.0	0.5	2.80e-03	12.7	12.7	12.7	12.7	-9.4	-5.0	11.2	74.1	-106.4	26.4
1713	ok	0.0	0.7	2.66e-03	12.7	12.7	12.7	12.7	-16.1	55.6	-29.1	92.9	122.7	-12.6
1714	ok	0.0	0.5	2.96e-03	12.7	12.7	12.7	12.7	-6.6	-3.7	6.9	76.6	-112.4	41.2
1715	ok	0.0	0.5	3.48e-03	12.7	12.7	12.7	12.7	-11.4	60.7	-45.3	92.6	91.0	34.0
1716	ok	0.0	0.8	6.55e-03	12.7	12.7	12.7	12.7	-63.9	7.8	29.0	203.5	92.9	1.8
1717	ok	0.0	0.6	3.51e-03	12.7	12.7	12.7	12.7	-15.9	58.1	-39.5	103.1	123.5	14.6
1718	ok	0.0	0.7	5.89e-03	12.7	12.7	12.7	12.7	27.6	91.5	-41.7	89.4	122.2	32.5
1719	ok	0.0	1.0	6.96e-03	12.7	14.3	19.3	20.1	44.8	80.9	-71.5	151.8	210.7	-14.0
1720	ok	0.0	0.9	6.42e-03	12.7	12.7	12.7	12.7	33.9	76.3	-35.5	109.3	185.9	-2.6
1721	ok	0.0	0.8	8.96e-03	12.7	12.7	12.7	12.7	12.0	126.5	-53.6	45.2	163.6	38.3
1722	ok	0.0	0.9	1.05e-02	12.7	12.7	12.7	21.5	29.1	125.0	-92.4	56.0	302.2	-39.1
1723	ok	0.0	1.0	9.96e-03	12.7	12.7	12.7	14.9	37.8	138.5	-65.3	66.3	217.9	-27.3
1724	ok	0.0	0.9	1.02e-02	12.7	12.7	12.7	13.2	17.8	154.3	-52.9	29.9	170.4	40.1
1725	ok	0.0	1.0	1.45e-02	12.7	12.7	15.4	23.5	35.3	161.0	-89.8	35.5	361.7	-30.8
1726	ok	0.0	1.0	1.41e-02	12.7	12.7	12.7	17.1	10.7	185.0	-53.3	37.0	258.4	9.5
1727	ok	0.0	0.9	1.22e-02	12.7	12.7	12.7	13.9	12.9	194.0	-37.4	7.8	177.0	36.6
1728	ok	0.0	1.0	3.31e-02	12.7	12.7	13.4	30.8	0.6	451.7	51.0	19.2	416.3	-37.6
1729	ok	0.0	1.0	1.73e-02	12.7	12.7	12.7	18.5	17.5	252.4	-23.5	13.5	258.6	1.6
1730	ok	0.0	0.5	9.14e-03	12.7	12.7	12.7	12.7	-36.8	-12.8	-56.5	-78.9	-127.0	7.9
1731	ok	0.0	0.5	7.40e-03	12.7	12.7	12.7	12.7	-19.2	-5.9	-35.3	-43.2	-121.8	-35.4
1732	ok	0.0	0.5	1.03e-02	12.7	12.7	12.7	12.7	-44.8	-13.9	-57.7	-75.7	-125.4	5.9
1733	ok	0.0	0.5	8.67e-03	12.7	12.7	12.7	12.7	-27.8	-5.6	-32.1	-40.8	-98.5	-46.2
1734	ok	0.0	0.5	7.78e-03	12.7	12.7	12.7	12.7	-17.3	-6.6	-34.9	-41.0	-125.5	-22.3
1735	ok	0.0	0.5	8.08e-03	12.7	12.7	12.7	12.7	-19.5	-12.0	-39.4	-41.5	-115.6	-15.1
1736	ok	0.0	0.5	8.40e-03	12.7	12.7	12.7	12.7	-0.1	-44.8	-45.6	-51.2	-107.7	-6.5
1737	ok	0.0	0.5	8.57e-03	12.7	12.7	12.7	12.7	18.3	-32.8	-22.5	-54.1	-118.1	4.2
1738	ok	0.0	0.5	8.87e-03	12.7	12.7	12.7	12.7	-37.9	-10.7	-54.9	-74.1	-123.9	5.8
1739	ok	0.0	0.9	8.46e-03	12.7	12.7	17.8	12.7	38.3	15.4	14.8	76.3	166.2	-17.1
1740	ok	0.0	0.4	9.02e-03	12.7	12.7	12.7	12.7	1.0	-12.1	-41.1	-32.1	-93.8	-12.2
1741	ok	0.0	0.4	1.04e-02	12.7	12.7	12.7	12.7	23.1	-49.6	-25.1	-47.2	-101.2	1.2
1742	ok	0.0	0.5	9.59e-03	12.7	12.7	12.7	12.7	4.3	-33.4	-44.1	-57.3	-100.1	-5.5
1743	ok	0.0	0.5	9.89e-03	12.7	12.7	12.7	12.7	3.8	-51.3	-35.0	-71.1	-120.6	-3.5
1744	ok	0.0	0.6	9.88e-03	12.7	12.7	12.7	12.7	-35.7	-17.2	-62.1	-84.3	-135.1	12.6
1745	ok	0.0	0.6	9.54e-03	12.7	12.7	12.7	12.7	-34.7	-15.1	-60.4	-83.1	-131.1	10.5
1746	ok	0.0	0.6	1.03e-02	12.7	12.7	12.7	12.7	-43.4	-15.4	-65.5	-84.1	-134.8	3.2
1747	ok	0.0	0.5	1.08e-02	12.7	12.7	12.7	12.7	-42.4	-14.9	-63.1	-81.6	-130.3	1.6
1748	ok	0.0	0.5	8.50e-03	12.7	12.7	12.7	12.7	-33.2	-39.9	-55.3	-80.2	-124.8	9.1
1749	ok	0.0	0.5	8.87e-03	12.7	12.7	12.7	12.7	-31.1	-41.6	-58.3	-83.6	-128.0	11.8
1750	ok	0.0	0.6	9.01e-03	12.7	12.7	12.7	12.7	-32.2	-18.0	-59.7	-84.0	-131.4	14.0
1751	ok	0.0	0.5	8.35e-03	12.7	12.7	12.7	12.7	8.1	39.0	15.7	59.4	53.0	-46.8
1752	ok	0.0	0.4	7.01e-03	12.7	12.7	12.7	12.7	-4.2	-12.1	-35.4	-48.6	-79.3	-28.7
1753	ok	0.0	0.4	7.63e-03	12.7	12.7	12.7	12.7	6.8	40.1	25.8	40.5	58.6	-49.4
1754	ok	0.0	0.3	6.69e-03	12.7	12.7	12.7	12.7	8.7	-21.5	-25.2	-14.1	-53.2	-42.4
1755	ok	0.0	0.3	6.61e-03	12.7	12.7	12.7	12.7	10.2	-28.3	-26.4	-22.5	-61.2	-42.4
1756	ok	0.0	0.4	6.51e-03	12.7	12.7	12.7	12.7	-6.9	-8.6	-43.5	-34.1	-72.8	-34.3
1757	ok	0.0	0.4	6.59e-03	12.7	12.7	12.7	12.7	-5.3	-10.9	-40.1	-43.4	-77.2	-30.1
1758	ok	0.0	0.3	7.52e-03	12.7	12.7	12.7	12.7	-38.1	9.1	-22.9	33.0	-31.6	-46.1
1759	ok	0.0	0.3	6.74e-03	12.7	12.7	12.7	12.7	-39.3	26.5	-23.5	14.9	-43.8	-44.4
1760	ok	0.0	0.3	7.56e-03	12.7	12.7	12.7	12.7	-35.6	-18.7	-22.2	53.6	-23.2	-45.1
1761	ok	0.0	0.4	7.53e-03	12.7	12.7	12.7	12.7	29.6	9.3	5.6	76.4	-11.1	-50.6
1762	ok	0.0	0.5	7.60e-03	12.7	12.7	12.7	12.7	-24.8	-18.1	-40.5	103.7	41.2	-15.5
1763	ok	0.0	0.2	5.82e-03	12.7	12.7	12.7	12.7	25.1	6.9	8.9	21.8	-21.4	11.8
1764	ok	0.0	0.4	6.77e-03	12.7	12.7	12.7	12.7	6.4	-7.1	-11.7	70.2	-13.7	-6.6
1765	ok	0.0	0.2	5.38e-03	12.7	12.7	12.7	12.7	-26.0	-10.9	-0.7	-34.1	-53.0	8.3
1766	ok	0.0	0.2	5.46e-03	12.7	12.7	12.7	12.7	-42.9	-15.0	-18.4	-24.5	-34.6	19.5
1767	ok	0.0	0.3	5.18e-03	12.7	12.7	12.7	12.7	25.3	4.1	3.7	-51.9	-76.2	0.7
1768	ok	0.0	0.3	5.25e-03	12.7	12.7	12.7	12.7	-25.7	-11.4	-1.2	-49.5	-70.2	4.3
1769	ok	0.0	0.3	5.32e-03	12.7	12.7	12.7	12.7	-25.9	-11.1	-0.9	-44.3	-62.7	6.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1770	ok	0.0	0.4	4.85e-03	12.7	12.7	12.7	12.7	25.1	2.5	1.7	-42.8	-86.4	-2.1
1771	ok	0.0	0.3	5.06e-03	12.7	12.7	12.7	12.7	25.2	3.4	2.7	-49.1	-82.2	-2.3
1772	ok	0.0	0.4	4.58e-03	12.7	12.7	12.7	12.7	-23.5	-10.8	-2.2	-42.2	-85.0	5.9
1773	ok	0.0	0.4	4.37e-03	12.7	12.7	12.7	12.7	-23.0	-10.4	-2.4	-43.0	-84.9	9.3
1774	ok	0.0	0.4	3.96e-03	12.7	12.7	12.7	12.7	24.6	1.8	-0.1	-57.0	-78.2	15.4
1775	ok	0.0	0.4	4.15e-03	12.7	12.7	12.7	12.7	-22.3	-9.7	-2.9	-49.8	-80.5	14.7
1776	ok	0.0	0.3	3.51e-03	12.7	12.7	12.7	12.7	24.9	4.9	-3.9	-68.7	-59.4	-1.5
1777	ok	0.0	0.3	3.60e-03	12.7	12.7	12.7	12.7	24.6	4.0	-2.8	-72.9	-63.3	4.8
1778	ok	0.0	0.4	3.70e-03	12.7	12.7	12.7	12.7	24.5	3.2	-1.8	-71.8	-67.8	10.4
1779	ok	0.0	0.4	3.82e-03	12.7	12.7	12.7	12.7	24.5	2.5	-0.9	-66.0	-72.7	14.3
1780	ok	0.0	0.3	3.35e-03	12.7	12.7	12.7	12.7	25.2	6.6	-5.8	-51.7	-54.1	-10.7
1781	ok	0.0	0.2	3.04e-03	12.7	12.7	12.7	12.7	38.8	14.0	-8.8	-17.9	-49.2	-14.7
1782	ok	0.0	0.3	3.19e-03	12.7	12.7	12.7	12.7	39.0	12.5	-7.1	-36.6	-50.9	-14.0
1783	ok	0.0	0.2	2.88e-03	12.7	12.7	12.7	12.7	-13.7	2.9	-5.4	28.8	-43.5	-0.5
1784	ok	0.0	0.2	2.66e-03	12.7	12.7	12.7	12.7	7.98e-02	-2.4	3.9	35.6	-54.2	8.7
1785	ok	0.0	0.2	2.56e-03	12.7	12.7	12.7	12.7	-1.5	-2.9	5.3	43.9	-55.0	23.0
1786	ok	0.0	0.2	2.53e-03	12.7	12.7	12.7	12.7	-1.2	-3.1	5.9	41.6	-54.6	17.0
1787	ok	0.0	0.3	2.61e-03	12.7	12.7	12.7	12.7	-4.9	-3.3	8.3	48.8	-58.6	26.1
1788	ok	0.0	0.3	2.59e-03	12.7	12.7	12.7	12.7	-3.1	-2.9	7.0	45.8	-55.9	25.7
1789	ok	0.0	0.4	2.64e-03	12.7	12.7	12.7	12.7	-7.4	-5.7	10.2	58.8	-68.6	22.4
1790	ok	0.0	0.5	2.73e-03	12.7	12.7	12.7	12.7	-10.6	58.4	-38.1	86.1	60.1	33.3
1791	ok	0.0	0.5	3.47e-03	12.7	12.7	12.7	12.7	-7.9	65.4	-44.7	90.5	63.6	39.2
1792	ok	0.0	0.6	5.77e-03	12.7	12.7	12.7	12.7	20.3	97.9	-41.6	84.6	79.1	45.1
1793	ok	0.0	0.6	7.68e-03	12.7	12.7	12.7	12.7	2.9	117.3	-41.2	38.8	105.2	54.0
1794	ok	0.0	0.6	8.23e-03	12.7	12.7	12.7	12.7	13.9	-39.5	-61.5	-81.6	-132.4	17.0
1795	ok	0.0	0.6	8.25e-03	12.7	12.7	12.7	12.7	12.9	-39.3	-65.2	-76.3	-135.5	17.4
1796	ok	0.0	0.6	8.15e-03	12.7	12.7	12.7	12.7	11.7	-40.0	-68.3	-69.2	-138.1	16.7
1797	ok	0.0	0.6	8.10e-03	12.7	12.7	12.7	12.7	10.3	-42.7	-70.5	-61.6	-139.7	15.0
1798	ok	0.0	0.6	8.37e-03	12.7	12.7	12.7	12.7	8.5	-48.8	-71.4	-54.7	-139.7	12.2
1799	ok	0.0	0.6	7.79e-03	12.7	12.7	12.7	12.7	16.4	-37.2	-54.3	-82.5	-123.7	10.3
1800	ok	0.0	0.6	7.97e-03	12.7	12.7	12.7	12.7	14.9	-39.1	-56.8	-84.9	-126.3	13.3
1801	ok	0.0	0.6	8.06e-03	12.7	12.7	12.7	12.7	15.1	-39.8	-57.9	-84.4	-129.2	15.7
1802	ok	0.0	0.5	7.34e-03	12.7	12.7	12.7	12.7	-20.7	-11.9	-34.1	-42.1	-103.7	-28.3
1803	ok	0.0	0.5	7.71e-03	12.7	12.7	12.7	12.7	-19.3	-11.5	-37.9	-41.6	-105.6	-24.6
1804	ok	0.0	0.5	7.93e-03	12.7	12.7	12.7	12.7	-16.4	-12.8	-36.5	-48.3	-119.5	-15.3
1805	ok	0.0	0.5	8.01e-03	12.7	12.7	12.7	12.7	5.96e-02	-44.9	-42.3	-56.0	-113.2	-7.5
1806	ok	0.0	0.5	8.07e-03	12.7	12.7	12.7	12.7	16.6	-31.0	-19.7	-57.4	-119.1	3.6
1807	ok	0.0	0.5	8.29e-03	12.7	12.7	12.7	12.7	-34.3	-37.8	-53.6	-76.0	-122.8	7.0
1808	ok	0.0	0.5	7.02e-03	12.7	12.7	12.7	12.7	-18.6	-33.2	-34.0	-44.1	-102.8	-26.2
1809	ok	0.0	0.5	7.29e-03	12.7	12.7	12.7	12.7	-17.5	-13.4	-36.7	-47.3	-107.3	-22.1
1810	ok	0.0	0.5	7.60e-03	12.7	12.7	12.7	12.7	-16.3	-38.1	-39.4	-53.4	-111.0	-15.5
1811	ok	0.0	0.5	7.61e-03	12.7	12.7	12.7	12.7	0.2	-44.0	-39.7	-61.6	-113.3	-8.3
1812	ok	0.0	0.5	7.64e-03	12.7	12.7	12.7	12.7	14.9	-29.5	-17.6	-62.7	-119.8	3.5
1813	ok	0.0	0.5	7.79e-03	12.7	12.7	12.7	12.7	-30.4	-35.1	-53.1	-78.9	-122.2	7.8
1814	ok	0.0	0.5	7.38e-03	12.7	12.7	12.7	12.7	14.9	-34.8	-53.1	-84.4	-120.3	11.1
1815	ok	0.0	0.5	6.75e-03	12.7	12.7	12.7	12.7	34.5	22.5	5.1	-32.3	-100.8	-39.9
1816	ok	0.0	0.5	7.02e-03	12.7	12.7	12.7	12.7	-16.2	-35.2	-35.5	-50.7	-104.4	-20.6
1817	ok	0.0	0.5	7.19e-03	12.7	12.7	12.7	12.7	-15.4	-38.4	-37.2	-57.7	-107.7	-15.0
1818	ok	0.0	0.5	7.24e-03	12.7	12.7	12.7	12.7	0.5	-43.3	-37.2	-65.8	-110.1	-8.5
1819	ok	0.0	0.5	7.29e-03	12.7	12.7	12.7	12.7	30.2	-27.5	-12.3	-66.8	-116.7	3.7
1820	ok	0.0	0.5	7.30e-03	12.7	12.7	12.7	12.7	16.0	-32.8	-52.0	-81.4	-119.2	8.3
1821	ok	0.0	0.6	7.67e-03	12.7	12.7	12.7	12.7	12.5	-38.3	-59.0	-80.9	-127.5	18.8
1822	ok	0.0	0.6	7.32e-03	12.7	12.7	12.7	12.7	13.5	-36.8	-55.2	-85.9	-122.3	14.6
1823	ok	0.0	0.6	7.54e-03	12.7	12.7	12.7	12.7	13.6	-37.9	-56.2	-84.6	-124.7	17.3
1824	ok	0.0	0.4	4.33e-03	12.7	12.7	12.7	12.7	30.0	20.4	1.5	-90.8	-25.7	22.6
1825	ok	0.0	0.6	3.97e-03	12.7	12.7	12.7	12.7	28.8	20.5	4.6	-125.5	-50.8	11.2
1826	ok	0.0	0.5	4.57e-03	12.7	12.7	12.7	12.7	30.7	21.5	0.8	-88.8	-42.5	29.2
1827	ok	0.0	0.5	4.82e-03	12.7	12.7	12.7	12.7	31.2	23.0	0.3	-86.0	-61.9	34.1
1828	ok	0.0	0.5	5.07e-03	12.7	12.7	12.7	12.7	31.5	24.6	9.77e-02	-82.8	-81.9	36.2
1829	ok	0.0	0.6	5.45e-03	12.7	12.7	12.7	12.7	31.8	26.1	0.2	-79.8	-99.9	35.7
1830	ok	0.0	0.6	5.92e-03	12.7	12.7	12.7	12.7	32.3	27.5	0.4	-77.4	-113.7	33.6
1831	ok	0.0	0.6	6.45e-03	12.7	12.7	12.7	12.7	33.0	29.0	0.6	-75.1	-122.3	30.7
1832	ok	0.0	0.6	7.07e-03	12.7	12.7	12.7	12.7	33.9	30.5	0.8	-72.8	-125.4	27.6
1833	ok	0.0	0.5	6.62e-03	12.7	12.7	12.7	12.7	35.1	27.0	5.0	-84.3	-120.2	13.8
1834	ok	0.0	0.5	6.15e-03	12.7	12.7	12.7	12.7	34.0	26.1	4.6	-91.9	-118.8	14.7
1835	ok	0.0	0.5	5.72e-03	12.7	12.7	12.7	12.7	33.1	25.3	4.3	-100.0	-111.8	15.7
1836	ok	0.0	0.5	5.32e-03	12.7	12.7	12.7	12.7	32.2	24.3	4.2	-107.0	-102.3	16.1
1837	ok	0.0	0.5	4.95e-03	12.7	12.7	12.7	12.7	31.4	23.3	4.1	-113.4	-90.2	16.0
1838	ok	0.0	0.5	4.60e-03	12.7	12.7	12.7	12.7	30.6	22.3	4.2	-118.8	-76.8	15.2
1839	ok	0.0	0.6	4.27e-03	12.7	12.7	12.7	12.7	29.7	21.4	4.4	-122.9	-63.3	13.6
1840	ok	0.0	0.5	4.11e-03	12.7	12.7	12.7	12.7	29.1	20.5	3.7	-120.6	-45.6	15.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1841	ok	0.0	0.5	4.22e-03	12.7	12.7	12.7	12.7	29.5	20.5	2.6	-109.3	-37.3	19.1
1842	ok	0.0	0.6	6.81e-03	12.7	12.7	12.7	12.7	34.6	28.5	3.9	-83.7	-121.7	19.8
1843	ok	0.0	0.6	6.98e-03	12.7	12.7	12.7	12.7	34.2	29.7	2.4	-79.9	-123.5	24.5
1844	ok	0.0	0.6	6.29e-03	12.7	12.7	12.7	12.7	33.6	27.3	3.5	-90.0	-119.7	21.3
1845	ok	0.0	0.6	6.40e-03	12.7	12.7	12.7	12.7	33.3	28.3	2.1	-84.4	-120.9	26.8
1846	ok	0.0	0.6	5.82e-03	12.7	12.7	12.7	12.7	32.8	26.1	3.2	-96.2	-113.1	22.6
1847	ok	0.0	0.6	5.89e-03	12.7	12.7	12.7	12.7	32.6	26.9	1.8	-88.9	-113.3	28.8
1848	ok	0.0	0.6	5.39e-03	12.7	12.7	12.7	12.7	32.1	25.0	3.0	-102.9	-101.6	23.6
1849	ok	0.0	0.6	5.44e-03	12.7	12.7	12.7	12.7	31.9	25.5	1.6	-93.5	-101.4	30.0
1850	ok	0.0	0.5	5.00e-03	12.7	12.7	12.7	12.7	31.4	23.8	3.0	-108.6	-88.4	23.3
1851	ok	0.0	0.5	5.02e-03	12.7	12.7	12.7	12.7	31.5	24.3	1.7	-98.7	-85.2	30.3
1852	ok	0.0	0.5	4.63e-03	12.7	12.7	12.7	12.7	30.7	22.6	3.1	-113.7	-73.7	21.7
1853	ok	0.0	0.5	4.68e-03	12.7	12.7	12.7	12.7	31.0	22.9	1.8	-103.2	-68.3	28.3
1854	ok	0.0	0.5	4.31e-03	12.7	12.7	12.7	12.7	30.0	21.5	3.4	-117.8	-59.0	18.9
1855	ok	0.0	0.5	4.45e-03	12.7	12.7	12.7	12.7	30.3	21.6	2.2	-106.9	-51.8	24.4
1856	ok	0.0	1.0	3.45e-03	64.2	92.8	82.9	111.0	7.4	-21.6	-11.0	842.2	1276.7	-650.8
1857	ok	0.0	0.5	8.23e-03	12.7	12.7	12.7	12.7	7.4	-55.6	-66.1	-44.0	-134.0	-3.3
1858	ok	0.0	1.0	5.47e-03	12.7	12.8	12.7	14.3	23.5	-22.5	-32.0	220.6	258.3	12.3
1859	ok	0.0	0.6	5.49e-03	12.7	12.7	12.7	12.7	12.0	-48.9	-35.7	120.3	77.2	1.2
1860	ok	0.0	0.4	5.80e-03	12.7	12.7	12.7	12.7	27.6	27.7	-3.9	61.0	-77.7	7.1
1861	ok	0.0	0.5	6.17e-03	12.7	12.7	12.7	12.7	29.3	26.9	-3.6	29.0	-104.8	6.1
1862	ok	0.0	0.5	6.58e-03	12.7	12.7	12.7	12.7	30.7	26.7	-3.5	5.0	-121.8	5.5
1863	ok	0.0	0.6	7.05e-03	12.7	12.7	12.7	12.7	32.3	26.8	-3.6	-12.0	-129.3	5.7
1864	ok	0.0	0.6	7.67e-03	12.7	12.7	12.7	12.7	34.2	27.0	-3.6	-24.4	-129.7	6.8
1865	ok	0.0	0.6	7.87e-03	12.7	12.7	12.7	12.7	7.6	-48.3	-66.7	-49.5	-135.3	11.5
1866	ok	0.0	0.6	7.61e-03	12.7	12.7	12.7	12.7	8.9	-42.5	-66.1	-57.5	-134.8	15.4
1867	ok	0.0	0.6	7.60e-03	12.7	12.7	12.7	12.7	10.2	-39.6	-64.4	-66.3	-133.0	18.0
1868	ok	0.0	0.6	7.68e-03	12.7	12.7	12.7	12.7	11.4	-38.6	-62.0	-74.5	-130.4	19.1
1869	ok	0.0	0.3	4.42e-03	12.7	12.7	12.7	12.7	30.7	20.0	0.2	-63.9	-10.8	24.8
1870	ok	0.0	0.2	4.51e-03	12.7	12.7	12.7	12.7	11.6	-31.6	-34.0	-34.0	28.3	6.8
1871	ok	0.0	0.4	4.60e-03	12.7	12.7	12.7	12.7	4.6	2.5	18.8	69.0	60.1	13.8
1872	ok	0.0	0.8	6.04e-03	12.7	12.7	12.7	12.7	6.7	3.7	19.4	137.4	124.9	10.9
1873	ok	0.0	0.6	7.07e-03	12.7	12.7	12.7	12.7	33.9	30.7	-0.7	-63.1	-127.6	28.8
1874	ok	0.0	0.6	7.02e-03	12.7	12.7	12.7	12.7	33.9	30.4	-2.0	-52.0	-129.6	27.5
1875	ok	0.0	0.6	7.08e-03	12.7	12.7	12.7	12.7	34.0	29.6	-2.8	-40.8	-131.1	23.3
1876	ok	0.0	0.6	7.34e-03	12.7	12.7	12.7	12.7	34.1	28.5	-3.3	-30.9	-131.4	16.1
1877	ok	0.0	0.6	6.45e-03	12.7	12.7	12.7	12.7	32.8	29.3	-0.8	-62.7	-124.1	32.4
1878	ok	0.0	0.6	6.41e-03	12.7	12.7	12.7	12.7	32.6	29.4	-2.0	-48.0	-126.3	31.3
1879	ok	0.0	0.6	6.52e-03	12.7	12.7	12.7	12.7	32.5	29.0	-2.9	-33.2	-128.5	26.5
1880	ok	0.0	0.6	6.79e-03	12.7	12.7	12.7	12.7	32.3	28.2	-3.3	-20.0	-129.9	17.5
1881	ok	0.0	0.6	5.91e-03	12.7	12.7	12.7	12.7	32.0	28.0	-1.1	-61.7	-114.5	36.3
1882	ok	0.0	0.6	5.95e-03	12.7	12.7	12.7	12.7	31.7	28.4	-2.3	-42.8	-116.3	35.9
1883	ok	0.0	0.6	6.15e-03	12.7	12.7	12.7	12.7	31.3	28.4	-3.1	-23.0	-118.8	31.0
1884	ok	0.0	0.6	6.38e-03	12.7	12.7	12.7	12.7	30.8	27.9	-3.5	-5.1	-121.3	20.4
1885	ok	0.0	0.5	5.49e-03	12.7	12.7	12.7	12.7	31.6	26.7	-1.4	-60.9	-98.7	39.8
1886	ok	0.0	0.5	5.64e-03	12.7	12.7	12.7	12.7	31.2	27.2	-2.8	-37.2	-98.8	40.9
1887	ok	0.0	0.5	5.81e-03	12.7	12.7	12.7	12.7	30.5	27.8	-3.8	-10.6	-100.8	36.9
1888	ok	0.0	0.5	6.00e-03	12.7	12.7	12.7	12.7	29.7	28.0	-4.0	16.0	-103.4	25.0
1889	ok	0.0	0.5	5.22e-03	12.7	12.7	12.7	12.7	31.5	25.1	-1.6	-61.0	-77.4	41.6
1890	ok	0.0	0.5	5.35e-03	12.7	12.7	12.7	12.7	31.2	25.9	-3.3	-32.4	-73.6	44.9
1891	ok	0.0	0.4	5.50e-03	12.7	12.7	12.7	12.7	30.5	27.3	-4.8	4.6	-71.2	44.9
1892	ok	0.0	0.4	5.66e-03	12.7	12.7	12.7	12.7	28.9	28.5	-5.0	42.5	-75.0	31.8
1893	ok	0.0	0.4	4.95e-03	12.7	12.7	12.7	12.7	31.6	23.3	-1.4	-62.3	-52.5	40.1
1894	ok	0.0	0.4	5.07e-03	12.7	12.7	12.7	12.7	31.9	23.9	-3.6	-29.8	-41.6	45.6
1895	ok	0.0	0.4	5.19e-03	12.7	12.7	12.7	12.7	-1.9	51.9	34.2	27.6	-54.0	34.6
1896	ok	0.0	0.5	5.37e-03	12.7	12.7	12.7	12.7	13.1	-33.7	-36.4	84.1	35.4	35.0
1897	ok	0.0	0.4	4.69e-03	12.7	12.7	12.7	12.7	31.5	21.5	-0.8	-63.8	-28.7	34.0
1898	ok	0.0	0.3	4.80e-03	12.7	12.7	12.7	12.7	-11.0	43.0	-5.4	-18.2	-32.7	31.0
1899	ok	0.0	0.4	4.89e-03	12.7	12.7	12.7	12.7	14.3	-29.8	-18.4	37.9	61.0	29.8
1900	ok	0.0	0.7	5.43e-03	12.7	12.7	12.7	12.7	10.5	-39.0	-44.4	119.6	141.2	22.1
1901	ok	0.0	0.7	6.47e-03	12.7	12.7	12.7	12.7	-8.7	-19.2	-41.1	174.7	109.2	2.7
1902	ok	0.0	0.5	8.61e-03	12.7	12.7	12.7	12.7	23.4	-62.2	-60.9	-36.1	-130.7	-10.7
1903	ok	0.0	0.8	6.93e-03	12.7	12.7	12.7	12.7	-1.1	-79.2	-20.8	142.6	179.3	10.5
1904	ok	0.0	0.5	5.63e-03	12.7	12.7	12.7	12.7	12.6	-52.0	-34.9	98.5	45.8	-23.6
1905	ok	0.0	0.4	5.94e-03	12.7	12.7	12.7	12.7	27.8	24.7	-3.0	52.6	-75.7	-18.5
1906	ok	0.0	0.5	6.33e-03	12.7	12.7	12.7	12.7	29.3	24.6	-3.3	25.4	-103.8	-13.5
1907	ok	0.0	0.5	6.80e-03	12.7	12.7	12.7	12.7	30.8	24.6	-3.6	5.2	-119.5	-9.7
1908	ok	0.0	0.6	7.38e-03	12.7	12.7	12.7	12.7	32.4	24.8	-3.8	-10.5	-126.3	-6.6
1909	ok	0.0	0.6	8.03e-03	12.7	12.7	12.7	12.7	13.2	-58.1	-55.8	-26.2	-125.2	-13.2
1910	ok	0.0	0.2	5.02e-03	12.7	12.7	12.7	12.7	-11.5	53.0	21.2	-21.3	-37.1	-8.5
1911	ok	0.0	0.5	8.74e-03	12.7	12.7	12.7	12.7	36.4	-84.6	-19.5	-36.3	-117.4	-25.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1912	ok	0.0	0.3	5.42e-03	12.7	12.7	12.7	12.7	-18.1	-3.8	-5.9	-18.7	-36.8	-23.3
1913	ok	0.0	0.4	5.84e-03	12.7	12.7	12.7	12.7	-18.0	-3.4	-6.0	-20.8	-57.0	-29.4
1914	ok	0.0	0.4	5.92e-03	12.7	12.7	12.7	12.7	-17.9	-3.2	-6.3	-21.8	-77.4	-31.8
1915	ok	0.0	0.5	6.37e-03	12.7	12.7	12.7	12.7	30.1	17.3	-4.6	-20.4	-97.0	-32.2
1916	ok	0.0	0.5	6.88e-03	12.7	12.7	12.7	12.7	31.5	17.7	-4.8	-22.5	-108.6	-29.3
1917	ok	0.0	0.5	7.47e-03	12.7	12.7	12.7	12.7	29.5	-70.5	5.9	-29.2	-104.0	-33.3
1918	ok	0.0	0.5	8.13e-03	12.7	12.7	12.7	12.7	32.1	-76.5	6.8	-33.0	-113.8	-29.6
1919	ok	0.0	0.5	8.55e-03	12.7	12.7	12.7	12.7	32.4	-77.0	-52.3	-36.4	-122.4	-22.2
1920	ok	0.0	0.5	8.36e-03	12.7	12.7	12.7	12.7	27.9	-69.6	-57.1	-35.9	-126.9	-17.1
1921	ok	0.0	0.4	5.33e-03	12.7	12.7	12.7	12.7	14.2	-46.6	-33.1	77.6	70.1	10.4
1922	ok	0.0	0.2	5.07e-03	12.7	12.7	12.7	12.7	14.8	-47.5	-29.9	31.8	38.8	-5.3
1923	ok	0.0	0.5	8.35e-03	12.7	12.7	12.7	12.7	25.3	-64.4	-52.4	-27.6	-122.2	-20.7
1924	ok	0.0	0.5	8.02e-03	12.7	12.7	12.7	12.7	29.0	-70.6	-48.0	-30.4	-118.2	-26.4
1925	ok	0.0	0.5	7.67e-03	12.7	12.7	12.7	12.7	15.1	-61.0	-47.8	-17.2	-111.0	-24.1
1926	ok	0.0	0.5	7.42e-03	12.7	12.7	12.7	12.7	27.1	-66.1	-43.9	-23.2	-107.5	-30.2
1927	ok	0.0	0.5	7.06e-03	12.7	12.7	12.7	12.7	31.1	22.3	-3.9	-2.3	-115.5	-20.8
1928	ok	0.0	0.5	6.87e-03	12.7	12.7	12.7	12.7	31.3	19.9	-4.3	-12.4	-111.6	-27.2
1929	ok	0.0	0.5	6.53e-03	12.7	12.7	12.7	12.7	29.6	21.9	-3.6	11.6	-100.2	-25.9
1930	ok	0.0	0.5	6.39e-03	12.7	12.7	12.7	12.7	29.9	19.4	-4.1	-5.5	-97.7	-31.4
1931	ok	0.0	0.4	6.09e-03	12.7	12.7	12.7	12.7	28.2	21.4	-3.2	26.6	-74.0	-31.2
1932	ok	0.0	0.4	6.24e-03	12.7	12.7	12.7	12.7	-10.2	-8.8	-41.1	15.8	-67.1	-28.4
1933	ok	0.0	0.4	5.77e-03	12.7	12.7	12.7	12.7	13.6	-48.2	-36.7	55.4	28.4	-32.8
1934	ok	0.0	0.4	5.86e-03	12.7	12.7	12.7	12.7	-7.6	61.0	27.1	-12.8	-65.6	-14.7
1935	ok	0.0	0.4	5.66e-03	12.7	12.7	12.7	12.7	11.8	-49.0	-36.5	63.4	58.4	-22.4
1936	ok	0.0	0.3	5.50e-03	12.7	12.7	12.7	12.7	-9.6	57.4	25.0	-11.7	-44.4	-17.0
1937	ok	0.0	0.4	7.27e-03	12.7	12.7	12.7	12.7	-22.4	-6.0	-29.2	-49.4	-77.6	-26.6
1938	ok	0.0	0.5	9.21e-03	12.7	12.7	12.7	12.7	-3.5	-7.1	-31.6	-35.9	-69.9	-25.5
1939	ok	0.0	0.4	7.20e-03	12.7	12.7	12.7	12.7	-6.5	-5.6	-27.5	-46.4	-76.1	-34.8
1940	ok	0.0	0.4	7.52e-03	12.7	12.7	12.7	12.7	-5.0	-10.1	-28.8	-49.0	-74.3	-29.8
1941	ok	0.0	0.3	7.07e-03	12.7	12.7	12.7	12.7	-65.8	-19.1	-9.3	43.6	40.7	-18.8
1942	ok	0.0	0.3	7.70e-03	12.7	12.7	12.7	12.7	-62.9	30.9	-14.5	41.1	32.3	-30.0
1943	ok	0.0	0.3	6.52e-03	12.7	12.7	12.7	12.7	65.0	-29.2	14.6	-17.0	-30.6	-33.2
1944	ok	0.0	0.3	6.72e-03	12.7	12.7	12.7	12.7	63.6	-29.0	18.0	-20.5	-28.6	-37.2
1945	ok	0.0	0.4	8.03e-03	12.7	12.7	12.7	12.7	-73.8	-19.4	-6.9	91.4	64.6	-18.3
1946	ok	0.0	0.4	8.15e-03	12.7	12.7	12.7	12.7	-75.4	28.4	-29.7	78.3	36.3	-28.5
1947	ok	0.0	0.8	8.08e-03	12.7	12.7	12.7	12.7	-69.5	22.2	-38.6	200.8	102.1	-9.9
1948	ok	0.0	0.7	9.42e-03	12.7	12.7	12.7	12.7	-90.5	-18.8	-26.3	175.0	64.0	-9.1
1949	ok	0.0	0.9	5.58e-03	44.1	63.0	48.7	64.0	-38.8	-38.4	-18.1	585.6	791.4	317.3
1950	ok	0.0	0.8	9.29e-03	12.7	12.7	12.7	12.7	-28.3	-31.2	-42.9	177.0	181.1	-5.2
1951	ok	0.0	0.3	4.71e-03	12.7	12.7	12.7	12.7	41.9	17.4	26.7	29.1	25.9	-14.3
1952	ok	0.0	0.2	5.14e-03	12.7	12.7	12.7	12.7	23.8	10.1	27.4	15.3	18.4	14.1
1953	ok	0.0	0.7	4.50e-03	12.7	12.7	12.7	12.7	25.3	3.5	14.0	141.4	63.5	-18.6
1954	ok	0.0	0.6	8.49e-03	12.7	12.7	12.7	12.7	-18.2	-46.6	-35.5	75.1	66.1	-4.1
1955	ok	0.0	0.2	4.86e-03	12.7	12.7	12.7	12.7	-24.3	-10.5	-0.5	-30.1	-33.6	-4.5
1956	ok	0.0	0.2	5.09e-03	12.7	12.7	12.7	12.7	-25.1	-10.7	-0.7	-32.9	-41.6	2.0
1957	ok	0.0	0.1	4.81e-03	12.7	12.7	12.7	12.7	-20.9	-2.3	-21.9	-2.9	-29.0	-13.8
1958	ok	0.0	0.1	5.10e-03	12.7	12.7	12.7	12.7	-37.4	-15.6	-17.4	-24.4	-23.8	13.1
1959	ok	0.0	0.3	4.90e-03	12.7	12.7	12.7	12.7	27.4	5.3	3.8	-50.8	-48.9	-4.1
1960	ok	0.0	0.3	5.02e-03	12.7	12.7	12.7	12.7	26.3	4.7	3.7	-51.7	-62.6	-2.5
1961	ok	0.0	0.2	4.90e-03	12.7	12.7	12.7	12.7	27.4	5.8	4.4	-48.3	-46.9	-3.2
1962	ok	0.0	0.2	4.89e-03	12.7	12.7	12.7	12.7	-24.5	-10.6	-0.9	-41.5	-42.5	-2.6
1963	ok	0.0	0.3	5.05e-03	12.7	12.7	12.7	12.7	-25.1	-11.1	-1.3	-49.1	-58.5	0.5
1964	ok	0.0	0.2	5.07e-03	12.7	12.7	12.7	12.7	-25.1	-10.9	-1.0	-43.5	-51.7	1.6
1965	ok	0.0	0.3	4.91e-03	12.7	12.7	12.7	12.7	1.1	-7.7	5.4	-37.6	-60.0	5.0
1966	ok	0.0	0.3	4.85e-03	12.7	12.7	12.7	12.7	-0.9	-8.8	5.0	-40.6	-62.6	8.1
1967	ok	0.0	0.3	4.92e-03	12.7	12.7	12.7	12.7	27.2	4.7	3.0	-45.4	-48.4	-6.6
1968	ok	0.0	0.3	4.99e-03	12.7	12.7	12.7	12.7	26.1	4.1	2.8	-47.4	-66.4	-5.1
1969	ok	0.0	0.3	4.75e-03	12.7	12.7	12.7	12.7	0.6	-3.3	2.4	-36.3	-66.3	9.8
1970	ok	0.0	0.3	4.54e-03	12.7	12.7	12.7	12.7	-0.6	-7.6	2.9	-39.1	-62.2	10.7
1971	ok	0.0	0.3	4.35e-03	12.7	12.7	12.7	12.7	2.4	-2.5	-0.6	-39.1	-59.7	13.7
1972	ok	0.0	0.3	4.29e-03	12.7	12.7	12.7	12.7	1.2	-7.1	0.7	-42.8	-62.2	11.7
1973	ok	0.0	0.3	3.84e-03	12.7	12.7	12.7	12.7	3.7	-8.4	-3.2	-56.2	-49.0	20.1
1974	ok	0.0	0.3	3.86e-03	12.7	12.7	12.7	12.7	-20.2	-8.8	-4.1	-57.8	-57.1	21.6
1975	ok	0.0	0.3	4.04e-03	12.7	12.7	12.7	12.7	2.5	-6.6	-0.8	-48.9	-62.8	18.8
1976	ok	0.0	0.3	4.06e-03	12.7	12.7	12.7	12.7	-21.3	-9.3	-3.5	-42.7	-64.0	19.9
1977	ok	0.0	0.4	3.33e-03	12.7	12.7	12.7	12.7	25.3	6.9	-4.4	-76.3	-21.5	2.6
1978	ok	0.0	0.3	3.44e-03	12.7	12.7	12.7	12.7	25.2	5.9	-4.2	-72.2	-41.0	0.3
1979	ok	0.0	0.4	3.38e-03	12.7	12.7	12.7	12.7	25.0	5.9	-3.3	-79.9	-25.7	10.4
1980	ok	0.0	0.4	3.45e-03	12.7	12.7	12.7	12.7	24.7	5.1	-2.1	-76.4	-29.0	17.8
1981	ok	0.0	0.4	3.53e-03	12.7	12.7	12.7	12.7	-18.1	-8.2	-5.1	-69.5	-31.5	23.3
1982	ok	0.0	0.4	3.51e-03	12.7	12.7	12.7	12.7	24.9	4.9	-3.0	-76.1	-45.2	7.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1983	ok	0.0	0.4	3.59e-03	12.7	12.7	12.7	12.7	24.7	4.1	-1.9	-73.8	-49.4	14.3
1984	ok	0.0	0.4	3.72e-03	12.7	12.7	12.7	12.7	24.7	3.3	-0.8	-65.5	-53.9	19.3
1985	ok	0.0	0.3	3.28e-03	12.7	12.7	12.7	12.7	25.7	8.6	-6.1	-56.3	-12.6	-9.5
1986	ok	0.0	0.3	3.34e-03	12.7	12.7	12.7	12.7	25.5	7.7	-6.0	-53.5	-34.3	-10.6
1987	ok	0.0	0.2	3.29e-03	12.7	12.7	12.7	12.7	-15.6	6.0	-12.6	23.6	7.7	-15.0
1988	ok	0.0	0.2	3.16e-03	12.7	12.7	12.7	12.7	38.6	15.6	-8.5	-12.9	-28.4	-16.9
1989	ok	0.0	0.2	3.27e-03	12.7	12.7	12.7	12.7	39.5	14.9	-6.6	-36.2	-7.1	-15.5
1990	ok	0.0	0.2	3.26e-03	12.7	12.7	12.7	12.7	39.1	13.8	-6.9	-35.9	-30.6	-15.1
1991	ok	0.0	0.2	3.14e-03	12.7	12.7	12.7	12.7	-13.2	-0.7	-7.5	58.6	9.6	-10.4
1992	ok	0.0	0.2	2.92e-03	12.7	12.7	12.7	12.7	-13.4	2.2	-5.9	40.9	-25.4	-4.5
1993	ok	0.0	0.3	2.72e-03	12.7	12.7	12.7	12.7	-25.9	-3.4	-8.7	84.3	10.0	10.7
1994	ok	0.0	0.2	2.66e-03	12.7	12.7	12.7	12.7	-13.4	1.5	-3.4	59.7	-26.0	9.9
1995	ok	0.0	0.4	2.66e-03	12.7	12.7	12.7	12.7	-22.6	1.4	-10.9	75.4	22.5	33.3
1996	ok	0.0	0.3	2.59e-03	12.7	12.7	12.7	12.7	-14.9	4.4	-2.0	62.7	-22.0	26.2
1997	ok	0.0	0.4	2.58e-03	12.7	12.7	12.7	12.7	-24.6	-0.2	-9.8	82.9	16.0	26.6
1998	ok	0.0	0.3	2.52e-03	12.7	12.7	12.7	12.7	-14.7	2.4	-1.5	63.4	-24.3	20.1
1999	ok	0.0	0.3	2.61e-03	12.7	12.7	12.7	12.7	-20.5	2.2	-10.8	72.4	27.5	28.2
2000	ok	0.0	0.3	2.63e-03	12.7	12.7	12.7	12.7	-11.6	36.4	-32.9	60.1	37.2	24.0
2001	ok	0.0	0.4	2.65e-03	12.7	12.7	12.7	12.7	-21.3	1.8	-11.1	71.1	26.2	32.3
2002	ok	0.0	0.3	2.62e-03	12.7	12.7	12.7	12.7	-4.4	-4.0	9.2	50.8	-34.1	26.1
2003	ok	0.0	0.4	2.53e-03	12.7	12.7	12.7	12.7	-10.4	47.1	-34.0	72.5	42.5	26.2
2004	ok	0.0	0.4	2.62e-03	12.7	12.7	12.7	12.7	-10.1	46.7	-35.0	73.1	43.4	28.4
2005	ok	0.0	0.5	2.79e-03	12.7	12.7	12.7	12.7	-7.6	62.3	-33.9	89.2	36.1	28.4
2006	ok	0.0	0.5	2.71e-03	12.7	12.7	12.7	12.7	-8.9	61.0	-37.2	87.8	44.6	33.7
2007	ok	0.0	0.6	3.51e-03	12.7	12.7	12.7	12.7	-6.4	66.4	-35.1	104.6	29.2	28.2
2008	ok	0.0	0.5	3.49e-03	12.7	12.7	12.7	12.7	-5.4	68.9	-41.3	93.6	43.3	38.2
2009	ok	0.0	0.6	6.28e-03	12.7	12.7	12.7	12.7	-11.3	19.8	-7.8	122.5	-12.1	46.6
2010	ok	0.0	0.5	5.46e-03	12.7	12.7	12.7	12.7	-7.2	99.0	-38.6	89.4	45.1	52.3
2011	ok	0.0	0.5	5.93e-03	12.7	12.7	12.7	12.7	-6.2	101.6	-35.8	55.7	-40.1	74.6
2012	ok	0.0	0.5	6.58e-03	12.7	12.7	12.7	12.7	-2.8	114.4	-38.8	55.2	53.4	65.5
2013	ok	0.0	0.5	5.61e-03	12.7	12.7	12.7	12.7	-6.4	89.3	-34.6	38.9	-37.8	74.5
2014	ok	0.0	0.5	6.70e-03	12.7	12.7	12.7	12.7	-1.3	120.6	-32.3	32.0	58.2	66.5
2015	ok	0.0	0.4	4.98e-03	12.7	12.7	12.7	12.7	-7.4	63.0	-10.5	-21.9	-30.9	47.3
2016	ok	0.0	0.5	6.74e-03	12.7	12.7	12.7	12.7	2.1	128.2	-19.9	8.8	63.8	53.5
2017	ok	0.0	0.5	6.37e-03	12.7	12.7	12.7	12.7	-22.4	-9.4	-31.3	-37.0	-95.6	-33.6
2018	ok	0.0	0.4	8.62e-03	12.7	12.7	12.7	12.7	-28.9	-7.6	-28.0	-51.6	-85.2	-44.6
2019	ok	0.0	0.5	6.26e-03	12.7	12.7	12.7	12.7	-23.2	-9.4	-30.1	-38.6	-87.1	-29.2
2020	ok	0.0	0.4	6.84e-03	12.7	12.7	12.7	12.7	-24.7	-8.2	-28.6	-41.9	-85.6	-32.2
2021	ok	0.0	0.5	6.35e-03	12.7	12.7	12.7	12.7	-22.9	-9.3	-30.8	-42.6	-92.0	-32.8
2022	ok	0.0	0.4	7.29e-03	12.7	12.7	12.7	12.7	-25.8	-8.2	-26.9	-44.3	-85.8	-35.4
2023	ok	0.0	0.3	5.99e-03	12.7	12.7	12.7	12.7	9.9	-24.2	-20.1	2.5	-71.9	-16.6
2024	ok	0.0	0.3	5.88e-03	12.7	12.7	12.7	12.7	60.2	-30.2	13.8	-14.2	-43.9	-32.8
2025	ok	0.0	0.4	5.62e-03	12.7	12.7	12.7	12.7	33.0	19.0	5.9	-15.7	-55.1	-37.1
2026	ok	0.0	0.4	5.82e-03	12.7	12.7	12.7	12.7	33.0	20.4	5.9	-24.8	-60.1	-43.6
2027	ok	0.0	0.4	6.05e-03	12.7	12.7	12.7	12.7	11.1	-31.9	-17.4	-22.7	-88.1	-30.9
2028	ok	0.0	0.3	5.98e-03	12.7	12.7	12.7	12.7	10.7	-27.7	-20.0	-14.8	-70.8	-26.4
2029	ok	0.0	0.4	6.18e-03	12.7	12.7	12.7	12.7	10.9	-31.3	-19.1	-21.9	-78.0	-30.9
2030	ok	0.0	0.4	6.47e-03	12.7	12.7	12.7	12.7	-23.7	-7.8	-30.7	-37.4	-83.0	-28.2
2031	ok	0.0	0.3	5.68e-03	12.7	12.7	12.7	12.7	9.7	-18.3	-20.7	27.6	-68.3	-7.2
2032	ok	0.0	0.2	6.22e-03	12.7	12.7	12.7	12.7	10.5	-18.8	-20.7	23.5	-47.5	-8.6
2033	ok	0.0	0.3	5.84e-03	12.7	12.7	12.7	12.7	10.1	-21.3	-20.2	13.9	-68.9	-11.6
2034	ok	0.0	0.3	6.28e-03	12.7	12.7	12.7	12.7	10.2	-22.0	-20.5	8.2	-54.0	-14.4
2035	ok	0.0	0.3	5.53e-03	12.7	12.7	12.7	12.7	9.0	-14.9	-21.4	39.9	-71.8	-5.3
2036	ok	0.0	0.3	6.20e-03	12.7	12.7	12.7	12.7	-52.2	27.8	-7.2	70.0	40.7	-2.1
2037	ok	0.0	0.4	5.35e-03	12.7	12.7	12.7	12.7	-24.4	-7.4	0.5	82.3	-35.7	-13.8
2038	ok	0.0	0.6	7.95e-03	12.7	12.7	12.7	12.7	-87.7	-13.4	-25.4	138.3	32.2	-8.9
2039	ok	0.0	0.5	5.06e-03	12.7	12.7	12.7	12.7	29.5	16.4	5.6	98.7	-40.2	-23.5
2040	ok	0.0	0.7	5.04e-03	12.7	12.7	12.7	12.7	0.3	-4.8	25.0	120.5	115.7	-14.2
2041	ok	0.0	0.3	4.35e-03	12.7	12.7	12.7	12.7	5.4	1.3	-8.9	37.2	-49.3	-26.1
2042	ok	0.0	0.3	4.37e-03	12.7	12.7	12.7	12.7	4.1	0.7	-8.9	32.9	-29.4	-29.7
2043	ok	0.0	0.4	4.72e-03	12.7	12.7	12.7	12.7	29.4	14.1	6.7	80.4	-37.0	-36.0
2044	ok	0.0	0.6	4.57e-03	12.7	12.7	12.7	12.7	-3.8	-14.0	29.7	76.0	94.9	-17.2
2045	ok	0.0	0.2	4.31e-03	12.7	12.7	12.7	12.7	-23.0	-9.5	0.1	-13.0	-33.2	-10.4
2046	ok	0.0	0.2	4.57e-03	12.7	12.7	12.7	12.7	-23.6	-10.0	-0.2	-23.1	-29.6	-10.8
2047	ok	0.0	0.2	4.28e-03	12.7	12.7	12.7	12.7	4.9	0.4	-8.8	17.2	-41.1	-19.7
2048	ok	0.0	0.2	4.47e-03	12.7	12.7	12.7	12.7	4.1	-8.99e-02	-9.4	10.7	-31.9	-21.8
2049	ok	0.0	0.2	4.66e-03	12.7	12.7	12.7	12.7	30.4	6.5	3.5	-44.5	-19.2	6.8
2050	ok	0.0	0.3	4.84e-03	12.7	12.7	12.7	12.7	29.0	5.9	3.8	-48.7	-31.5	-2.2
2051	ok	0.0	0.2	4.46e-03	12.7	12.7	12.7	12.7	29.9	7.0	4.0	-38.3	-28.0	1.9
2052	ok	0.0	0.2	4.38e-03	12.7	12.7	12.7	12.7	29.7	7.7	4.6	-27.0	-32.5	-4.1
2053	ok	0.0	0.2	4.71e-03	12.7	12.7	12.7	12.7	28.8	6.4	4.3	-44.6	-34.5	-3.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2054	ok	0.0	0.2	4.64e-03	12.7	12.7	12.7	12.7	28.6	7.0	4.8	-35.3	-33.9	-6.9
2055	ok	0.0	0.4	6.42e-03	12.7	12.7	12.7	12.7	-61.5	-5.2	-22.0	41.0	52.1	21.1
2056	ok	0.0	0.2	5.10e-03	12.7	12.7	12.7	12.7	22.7	-2.6	21.7	-37.8	-30.5	-7.1
2057	ok	0.0	0.3	5.22e-03	12.7	12.7	12.7	12.7	53.4	4.1	20.6	-54.0	-11.5	-1.4
2058	ok	0.0	0.3	4.95e-03	12.7	12.7	12.7	12.7	48.0	3.9	26.9	-52.1	-25.4	-8.4
2059	ok	0.0	0.5	6.71e-03	12.7	12.7	12.7	12.7	-39.6	-34.7	-18.4	97.1	112.0	27.0
2060	ok	0.0	0.3	5.00e-03	12.7	12.7	12.7	12.7	-15.0	-9.7	-22.7	53.2	58.1	9.3
2061	ok	0.0	0.2	4.25e-03	12.7	12.7	12.7	12.7	30.4	7.5	3.8	-33.5	-25.9	6.8
2062	ok	0.0	0.2	4.19e-03	12.7	12.7	12.7	12.7	-22.9	-9.3	-4.24e-02	-22.2	-31.2	1.3
2063	ok	0.0	0.4	2.76e-03	12.7	12.7	12.7	12.7	22.3	9.3	-0.6	-47.9	46.3	32.6
2064	ok	0.0	0.3	3.26e-03	12.7	12.7	12.7	12.7	6.2	-7.4	-3.3	-54.7	-22.6	27.1
2065	ok	0.0	0.4	4.90e-03	12.7	12.7	12.7	12.7	-47.4	-7.8	-22.2	65.1	54.8	27.4
2066	ok	0.0	0.3	4.82e-03	12.7	12.7	12.7	12.7	-25.6	-8.6	-1.6	-35.3	11.8	19.9
2067	ok	0.0	0.4	2.97e-03	12.7	12.7	12.7	12.7	25.4	9.5	-5.4	-86.7	25.8	10.8
2068	ok	0.0	0.4	3.14e-03	12.7	12.7	12.7	12.7	25.4	8.2	-4.8	-82.5	6.9	6.5
2069	ok	0.0	0.4	2.92e-03	12.7	12.7	12.7	12.7	24.9	8.7	-4.3	-90.0	22.0	15.4
2070	ok	0.0	0.4	2.94e-03	12.7	12.7	12.7	12.7	24.3	8.2	-3.2	-85.3	23.8	20.1
2071	ok	0.0	0.4	2.89e-03	12.7	12.7	12.7	12.7	23.5	8.0	-2.0	-71.7	31.4	25.4
2072	ok	0.0	0.4	3.16e-03	12.7	12.7	12.7	12.7	25.0	7.4	-3.7	-85.6	3.1	13.7
2073	ok	0.0	0.4	3.16e-03	12.7	12.7	12.7	12.7	-16.3	-7.6	-5.4	-82.0	-3.5	19.7
2074	ok	0.0	0.4	3.17e-03	12.7	12.7	12.7	12.7	-18.8	-7.8	-19.8	-68.7	-18.2	23.8
2075	ok	0.0	0.3	3.18e-03	12.7	12.7	12.7	12.7	26.3	10.8	-6.9	-66.0	42.3	3.5
2076	ok	0.0	0.3	3.27e-03	12.7	12.7	12.7	12.7	26.1	9.9	-6.3	-61.5	20.3	-5.3
2077	ok	0.0	0.4	4.39e-03	12.7	12.7	12.7	12.7	-41.8	-10.9	-13.6	26.1	102.1	-1.9
2078	ok	0.0	0.3	3.50e-03	12.7	12.7	12.7	12.7	-34.4	-8.0	-11.8	24.1	51.1	-19.9
2079	ok	0.0	0.3	3.45e-03	12.7	12.7	12.7	12.7	27.1	12.0	-7.6	-41.0	61.1	-1.9
2080	ok	0.0	0.2	3.44e-03	12.7	12.7	12.7	12.7	41.0	16.2	-6.1	-39.8	30.5	-13.0
2081	ok	0.0	0.7	4.63e-03	12.7	12.7	12.7	12.7	-22.0	-1.5	-14.3	94.0	146.5	-29.8
2082	ok	0.0	0.4	3.55e-03	12.7	12.7	12.7	12.7	-16.4	-2.9	-11.2	85.8	56.0	-23.9
2083	ok	0.0	1.0	4.37e-03	12.7	13.2	12.7	12.7	18.0	14.6	-4.9	226.4	153.3	14.0
2084	ok	0.0	0.5	4.52e-03	12.7	12.7	12.7	12.7	-15.9	-25.7	4.9	122.4	84.7	9.6
2085	ok	0.0	0.6	3.27e-03	12.7	12.7	12.7	12.7	13.7	24.1	-9.6	79.6	119.3	31.0
2086	ok	0.0	0.5	3.01e-03	12.7	12.7	12.7	12.7	-8.0	7.3	-14.0	81.1	65.4	43.1
2087	ok	0.0	0.8	3.67e-03	12.7	12.7	12.7	12.7	16.3	18.8	-5.4	141.5	155.8	50.6
2088	ok	0.0	0.6	2.86e-03	12.7	12.7	12.7	12.7	-13.8	6.7	-12.1	114.3	59.0	39.4
2089	ok	0.0	0.4	2.07e-03	12.7	12.7	12.7	12.7	-7.9	7.5	-8.9	59.3	77.7	18.6
2090	ok	0.0	0.4	2.42e-03	12.7	12.7	12.7	12.7	-9.3	8.7	-11.1	64.4	56.0	27.7
2091	ok	0.0	0.5	2.63e-03	12.7	12.7	12.7	12.7	-5.6	5.7	-10.1	63.3	91.6	23.7
2092	ok	0.0	0.4	2.54e-03	12.7	12.7	12.7	12.7	-8.5	7.5	-12.1	67.9	61.2	35.0
2093	ok	0.0	0.3	1.99e-03	12.7	12.7	12.7	12.7	-21.6	3.7	-6.2	74.5	67.5	10.5
2094	ok	0.0	0.3	2.35e-03	12.7	12.7	12.7	12.7	-21.4	3.8	-10.2	81.0	51.7	13.1
2095	ok	0.0	0.8	6.90e-03	12.7	17.4	12.7	12.7	32.6	92.6	-8.0	179.0	-48.0	-135.0
2096	ok	0.0	1.0	6.31e-03	31.6	14.6	40.6	18.5	-38.5	-81.1	8.2	-337.9	-515.0	219.2
2097	ok	0.0	0.9	3.85e-03	12.7	12.7	18.7	18.9	8.5	4.3	7.9	109.7	270.1	35.4
2098	ok	0.0	0.6	5.14e-03	12.7	12.7	12.7	12.7	13.3	86.8	-32.1	51.1	-50.7	90.9
2099	ok	0.0	0.7	8.52e-03	12.7	12.7	12.7	12.7	-34.2	43.4	-20.6	160.0	41.2	11.6
2100	ok	0.0	0.8	6.19e-03	12.7	12.7	12.7	12.7	-19.3	96.5	-36.1	99.5	-45.9	77.3
2101	ok	0.0	0.9	1.72e-02	14.1	48.2	12.7	27.3	-178.0	43.7	-118.4	692.9	299.8	184.2
2102	ok	0.0	1.0	1.07e-02	12.7	17.1	16.2	12.7	-15.7	157.9	-32.6	168.9	-179.1	59.3
2103	ok	0.0	0.6	6.11e-03	12.7	12.7	12.7	12.7	-39.5	-2.5	11.2	154.6	123.1	-15.7
2104	ok	0.0	0.7	5.51e-03	12.7	12.7	12.7	12.7	-51.9	1.3	-30.5	185.2	88.3	-3.9
2105	ok	0.0	0.4	2.68e-03	12.7	12.7	12.7	12.7	-30.1	7.9	-6.1	108.4	79.3	4.7
2106	ok	0.0	0.4	2.80e-03	12.7	12.7	12.7	12.7	-21.5	44.1	-21.5	112.3	52.7	6.7
2107	ok	0.0	0.5	6.78e-03	12.7	12.7	12.7	12.7	-19.0	-31.8	-32.7	-42.0	-99.8	-26.5
2108	ok	0.0	0.5	6.54e-03	12.7	12.7	12.7	12.7	33.9	22.6	5.3	-30.9	-97.0	-43.7
2109	ok	0.0	0.5	7.06e-03	12.7	12.7	12.7	12.7	-20.7	-10.4	-33.3	-42.7	-101.7	-30.2
2110	ok	0.0	0.5	5.93e-03	12.7	12.7	12.7	12.7	33.2	22.7	5.3	-28.0	-74.2	-51.3
2111	ok	0.0	0.5	6.41e-03	12.7	12.7	12.7	12.7	33.0	22.3	5.7	-27.8	-82.1	-48.5
2112	ok	0.0	0.5	6.89e-03	12.7	12.7	12.7	12.7	-21.2	-9.8	-31.9	-39.8	-93.8	-29.0
2113	ok	0.0	0.5	6.59e-03	12.7	12.7	12.7	12.7	33.5	22.8	5.2	-27.9	-86.6	-48.9
2114	ok	0.0	0.3	5.80e-03	12.7	12.7	12.7	12.7	9.6	-23.6	-19.8	5.4	-75.8	-16.2
2115	ok	0.0	0.3	5.58e-03	12.7	12.7	12.7	12.7	32.2	18.5	6.1	8.8	-65.1	-29.7
2116	ok	0.0	0.5	5.79e-03	12.7	12.7	12.7	12.7	32.9	21.8	5.9	-26.9	-70.3	-48.1
2117	ok	0.0	0.4	6.24e-03	12.7	12.7	12.7	12.7	32.8	20.3	6.0	-21.8	-66.9	-42.0
2118	ok	0.0	0.4	6.00e-03	12.7	12.7	12.7	12.7	32.7	19.1	6.0	-11.8	-62.4	-35.8
2119	ok	0.0	0.4	5.78e-03	12.7	12.7	12.7	12.7	32.4	19.2	6.1	-7.4	-69.2	-34.7
2120	ok	0.0	0.4	6.00e-03	12.7	12.7	12.7	12.7	32.5	20.2	6.1	-18.2	-73.4	-40.2
2121	ok	0.0	0.5	6.21e-03	12.7	12.7	12.7	12.7	32.7	21.2	5.9	-24.8	-78.2	-44.6
2122	ok	0.0	0.3	5.45e-03	12.7	12.7	12.7	12.7	9.3	-17.5	-20.1	28.7	-74.6	-9.7
2123	ok	0.0	0.3	5.62e-03	12.7	12.7	12.7	12.7	9.8	-20.7	-19.8	16.5	-74.4	-12.3
2124	ok	0.0	0.3	5.33e-03	12.7	12.7	12.7	12.7	-24.0	-7.5	0.4	57.6	-50.7	-16.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2125	ok	0.0	0.4	5.19e-03	12.7	12.7	12.7	12.7	30.8	16.7	5.5	74.3	-54.7	-15.2
2126	ok	0.0	0.4	4.96e-03	12.7	12.7	12.7	12.7	30.0	15.8	6.1	85.8	-55.0	-22.5
2127	ok	0.0	0.3	4.40e-03	12.7	12.7	12.7	12.7	29.8	11.9	6.6	49.6	-44.7	-27.8
2128	ok	0.0	0.4	4.69e-03	12.7	12.7	12.7	12.7	29.7	13.9	6.7	75.8	-51.0	-29.4
2129	ok	0.0	0.2	4.17e-03	12.7	12.7	12.7	12.7	4.1	6.5	-8.5	5.9	-40.3	-5.6
2130	ok	0.0	0.2	4.23e-03	12.7	12.7	12.7	12.7	3.9	0.9	-8.2	21.0	-49.1	-12.7
2131	ok	0.0	0.2	4.38e-03	12.7	12.7	12.7	12.7	30.8	7.2	2.9	-40.7	-15.3	13.4
2132	ok	0.0	1.0	7.08e-03	12.7	16.4	27.1	27.7	-4.0	-10.3	2.7	145.3	466.3	-35.5
2133	ok	0.0	0.5	5.18e-03	12.7	12.7	12.7	12.7	-2.2	-6.6	-0.1	60.1	104.9	11.1
2134	ok	0.0	0.6	3.41e-03	12.7	12.7	12.7	12.7	15.8	8.5	18.6	54.9	89.6	8.2
2135	ok	0.0	0.3	4.72e-03	12.7	12.7	12.7	12.7	-20.3	-15.5	-21.1	-34.9	-38.2	40.6
2136	ok	0.0	0.9	6.02e-03	24.2	24.5	12.7	16.7	-45.5	-14.6	-3.3	295.8	134.0	-107.2
2137	ok	0.0	0.9	5.36e-03	27.6	38.4	28.2	47.1	-29.2	-22.0	-14.2	309.4	610.5	209.9
2138	ok	0.0	0.3	2.51e-03	12.7	12.7	12.7	12.7	-11.5	-8.5	-2.4	-58.7	47.4	23.4
2139	ok	0.0	0.9	2.47e-03	21.8	18.3	12.7	14.4	13.7	5.6	2.3	202.2	101.2	-14.1
2140	ok	0.0	0.4	2.81e-03	12.7	12.7	12.7	12.7	25.3	10.1	-5.7	-88.1	31.4	13.6
2141	ok	0.0	0.4	2.75e-03	12.7	12.7	12.7	12.7	24.8	9.4	-4.7	-91.4	27.9	15.8
2142	ok	0.0	0.4	2.73e-03	12.7	12.7	12.7	12.7	24.2	8.9	-3.6	-86.6	30.1	17.9
2143	ok	0.0	0.3	2.69e-03	12.7	12.7	12.7	12.7	-13.5	-7.6	-3.3	-79.0	31.6	21.7
2144	ok	0.0	0.3	2.99e-03	12.7	12.7	12.7	12.7	26.2	11.5	-7.4	-67.4	48.2	10.4
2145	ok	0.0	0.5	3.60e-03	12.7	12.7	12.7	12.7	-40.0	-5.0	-4.1	22.4	107.4	8.3
2146	ok	0.0	0.3	3.18e-03	12.7	12.7	12.7	12.7	27.1	12.2	-8.3	-43.2	67.8	9.2
2147	ok	0.0	0.8	5.20e-03	12.7	12.7	12.7	12.7	-58.2	-6.2	-17.0	118.4	173.4	18.4
2149	ok	0.0	0.6	2.69e-03	12.7	12.7	12.7	12.7	11.4	25.5	-12.5	78.3	135.6	8.5
2150	ok	0.0	0.9	2.08e-03	12.7	12.7	12.7	12.7	-1.3	31.2	-18.2	152.0	204.8	10.3
2151	ok	0.0	1.0	8.82e-03	12.7	12.7	17.8	22.6	-60.2	-85.0	-4.7	-55.6	-296.4	-4.8
2152	ok	0.0	0.7	7.54e-03	12.7	12.7	12.7	12.7	16.3	109.8	-40.2	85.2	47.2	-78.5
2153	ok	0.0	0.8	6.30e-03	12.7	12.7	12.7	12.7	-48.9	29.3	-53.2	197.4	68.8	-18.5
2154	ok	0.0	1.0	6.61e-03	12.7	17.9	12.7	15.8	-24.1	-3.5	16.8	253.5	81.4	-21.7
2155	ok	0.0	0.7	6.57e-03	12.7	12.7	12.7	12.7	-69.6	5.8	24.2	173.2	118.6	-0.2
2156	ok	0.0	0.4	2.31e-03	12.7	12.7	12.7	12.7	-25.8	-2.8	4.3	107.9	84.4	3.2
2157	ok	0.0	0.3	1.83e-03	12.7	12.7	12.7	12.7	-20.4	2.5	-3.0	72.4	66.6	8.7
2158	ok	0.0	0.4	2.17e-03	12.7	12.7	12.7	12.7	-7.2	7.0	-6.9	57.8	80.1	9.9
2159	ok	0.0	0.5	2.14e-03	12.7	12.7	12.7	12.7	-4.5	4.8	-7.4	61.5	98.0	9.9
2160	ok	0.0	0.3	4.36e-03	12.7	12.7	12.7	12.7	30.2	12.1	6.5	52.7	-54.4	-20.7
2161	ok	0.0	0.2	4.08e-03	12.7	12.7	12.7	12.7	-15.9	-8.0	-18.4	12.1	-36.4	4.9
2162	ok	0.0	0.2	4.18e-03	12.7	12.7	12.7	12.7	30.2	10.7	6.0	28.4	-46.9	-12.5
2163	ok	0.0	0.3	5.24e-03	12.7	12.7	12.7	12.7	-23.5	-7.2	0.2	42.3	-61.6	-22.0
2164	ok	0.0	0.3	5.40e-03	12.7	12.7	12.7	12.7	-23.7	-6.8	8.96e-02	25.2	-61.7	-25.9
2165	ok	0.0	0.3	5.13e-03	12.7	12.7	12.7	12.7	31.2	16.9	5.9	55.8	-64.5	-18.7
2166	ok	0.0	0.3	4.99e-03	12.7	12.7	12.7	12.7	30.7	16.4	6.1	69.3	-65.7	-18.6
2167	ok	0.0	0.4	4.82e-03	12.7	12.7	12.7	12.7	30.3	15.4	6.4	78.2	-65.4	-21.5
2168	ok	0.0	0.4	4.59e-03	12.7	12.7	12.7	12.7	30.1	13.8	6.7	71.8	-61.4	-23.5
2169	ok	0.0	0.2	4.06e-03	12.7	12.7	12.7	12.7	30.9	7.9	2.6	-34.8	-13.3	22.0
2170	ok	0.0	0.2	4.01e-03	12.7	12.7	12.7	12.7	30.6	8.1	3.5	-26.8	-24.9	13.9
2171	ok	0.0	0.2	4.00e-03	12.7	12.7	12.7	12.7	-22.4	-9.1	0.2	-14.6	-31.4	7.4
2172	ok	0.0	0.3	4.99e-03	12.7	12.7	12.7	12.7	44.2	12.1	11.5	-54.5	14.6	40.6
2173	ok	0.0	0.3	4.04e-03	12.7	12.7	12.7	12.7	-24.3	-8.4	8.72e-02	-30.1	13.0	32.5
2174	ok	0.0	0.6	5.93e-03	12.7	12.7	12.7	12.7	-39.4	-2.1	-11.1	76.2	99.6	12.4
2175	ok	0.0	0.9	5.84e-03	12.7	15.3	23.8	25.4	23.2	-10.8	3.9	80.9	273.8	136.5
2176	ok	0.0	0.3	2.29e-03	12.7	12.7	12.7	12.7	-12.2	-7.6	-1.8	-58.4	45.4	13.9
2177	ok	0.0	0.6	2.70e-03	12.7	12.7	12.7	12.7	26.4	4.8	8.7	48.5	88.2	20.6
2178	ok	0.0	0.4	2.62e-03	12.7	12.7	12.7	12.7	25.1	11.0	-6.1	-88.5	34.0	16.6
2179	ok	0.0	0.4	2.59e-03	12.7	12.7	12.7	12.7	24.8	10.2	-5.0	-91.8	30.7	16.4
2180	ok	0.0	0.4	2.56e-03	12.7	12.7	12.7	12.7	24.3	9.7	-4.1	-86.7	32.5	15.9
2181	ok	0.0	0.3	2.51e-03	12.7	12.7	12.7	12.7	-13.3	-7.1	-2.4	-78.3	33.5	17.4
2182	ok	0.0	0.3	2.72e-03	12.7	12.7	12.7	12.7	25.7	12.5	-7.9	-67.2	49.4	17.7
2183	ok	0.0	0.5	3.37e-03	12.7	12.7	12.7	12.7	-39.4	-11.4	3.7	25.8	108.6	20.1
2184	ok	0.0	0.3	2.84e-03	12.7	12.7	12.7	12.7	26.4	13.5	-9.2	-41.8	67.0	20.3
2185	ok	0.0	0.7	4.11e-03	12.7	12.7	12.7	12.7	-33.3	-8.6	6.4	98.3	140.3	44.2
2186	ok	0.0	1.0	3.83e-03	12.7	12.7	12.7	12.7	-20.0	-3.1	3.3	232.0	163.6	7.6
2187	ok	0.0	0.6	1.74e-03	12.7	12.7	12.7	12.7	16.3	29.0	-19.2	78.4	121.4	-13.4
2188	ok	0.0	0.8	2.39e-03	12.7	12.7	12.7	12.7	18.2	20.6	-15.0	139.7	147.5	-34.8
2189	ok	0.0	0.3	1.46e-03	12.7	12.7	12.7	12.7	-7.1	6.7	-5.0	58.8	73.7	-0.8
2190	ok	0.0	0.4	1.78e-03	12.7	12.7	12.7	12.7	-5.2	5.0	-4.7	63.3	90.0	-5.7
2191	ok	0.0	0.3	1.64e-03	12.7	12.7	12.7	12.7	-17.9	0.9	-0.5	72.1	57.6	4.3
2192	ok	0.0	0.4	2.08e-03	12.7	12.7	12.7	12.7	-22.7	1.6	5.1	102.5	52.6	6.2
2193	ok	0.0	0.6	2.12e-03	12.7	12.7	12.7	12.7	-20.8	-1.5	7.8	137.0	50.7	12.5
2194	ok	0.0	0.7	3.50e-03	12.7	12.7	12.7	12.7	-12.6	0.8	6.6	166.6	17.2	-39.0
2195	ok	0.0	0.7	5.17e-03	12.7	12.7	12.7	12.7	-4.1	16.0	3.8	97.2	-2.8	-90.0
2196	ok	0.0	0.7	6.97e-03	12.7	12.7	12.7	12.7	28.6	97.5	-38.3	47.2	65.7	-75.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2197	ok	0.0	0.7	6.45e-03	12.7	12.7	12.7	12.7	-6.5	-66.1	27.9	-3.4	-100.9	-51.2
2198	ok	0.0	0.3	4.16e-03	12.7	12.7	12.7	12.7	-2.9	23.6	36.9	-50.0	-25.0	-11.4
2199	ok	0.0	0.5	6.36e-03	12.7	12.7	12.7	12.7	33.8	22.3	5.9	-40.1	-104.1	-36.2
2200	ok	0.0	0.5	5.97e-03	12.7	12.7	12.7	12.7	33.0	22.2	6.6	-45.2	-101.5	-33.2
2201	ok	0.0	0.5	5.61e-03	12.7	12.7	12.7	12.7	32.2	22.1	7.2	-47.9	-93.4	-30.4
2202	ok	0.0	0.4	5.30e-03	12.7	12.7	12.7	12.7	31.4	22.0	7.7	-48.2	-80.0	-27.7
2203	ok	0.0	0.4	5.05e-03	12.7	12.7	12.7	12.7	29.6	26.4	37.7	-43.0	-66.1	-24.2
2204	ok	0.0	0.4	4.88e-03	12.7	12.7	12.7	12.7	27.5	25.7	37.5	-46.1	-55.5	-24.1
2205	ok	0.0	0.3	4.92e-03	12.7	12.7	12.7	12.7	28.1	24.5	36.4	-49.7	-35.3	-22.7
2206	ok	0.0	0.3	3.99e-03	12.7	12.7	12.7	12.7	-2.0	25.9	34.9	-59.2	-31.5	-10.9
2207	ok	0.0	0.4	3.92e-03	12.7	12.7	12.7	12.7	-21.1	-4.4	0.5	-89.3	-35.9	5.0
2208	ok	0.0	0.5	3.91e-03	12.7	12.7	12.7	12.7	28.0	20.0	7.0	-105.6	-45.5	4.3
2209	ok	0.0	0.5	3.94e-03	12.7	12.7	12.7	12.7	28.2	20.2	6.4	-116.9	-51.2	5.2
2210	ok	0.0	0.6	3.95e-03	12.7	12.7	12.7	12.7	28.6	20.4	5.2	-125.6	-52.5	8.9
2211	ok	0.0	0.5	6.54e-03	12.7	12.7	12.7	12.7	34.6	22.3	5.8	-46.9	-108.9	-29.6
2212	ok	0.0	0.5	6.69e-03	12.7	12.7	12.7	12.7	35.3	22.3	5.8	-54.9	-113.3	-20.5
2213	ok	0.0	0.5	6.77e-03	12.7	12.7	12.7	12.7	35.7	22.8	5.9	-64.5	-115.5	-11.4
2214	ok	0.0	0.5	6.82e-03	12.7	12.7	12.7	12.7	35.9	23.7	5.9	-73.4	-117.0	-2.6
2215	ok	0.0	0.5	6.84e-03	12.7	12.7	12.7	12.7	35.5	25.9	5.5	-82.7	-119.3	9.2
2216	ok	0.0	0.5	6.14e-03	12.7	12.7	12.7	12.7	33.6	22.3	6.5	-55.0	-106.5	-27.7
2217	ok	0.0	0.5	6.26e-03	12.7	12.7	12.7	12.7	34.2	22.5	6.4	-65.5	-110.2	-20.0
2218	ok	0.0	0.5	6.31e-03	12.7	12.7	12.7	12.7	34.4	22.8	6.1	-74.6	-114.0	-11.2
2219	ok	0.0	0.5	6.32e-03	12.7	12.7	12.7	12.7	34.5	23.5	5.9	-83.0	-115.9	-2.6
2220	ok	0.0	0.5	6.37e-03	12.7	12.7	12.7	12.7	34.3	25.2	5.1	-91.0	-118.0	9.8
2221	ok	0.0	0.5	5.74e-03	12.7	12.7	12.7	12.7	32.7	22.1	7.0	-60.7	-98.8	-25.9
2222	ok	0.0	0.5	5.84e-03	12.7	12.7	12.7	12.7	33.1	22.3	6.7	-73.3	-103.2	-19.0
2223	ok	0.0	0.5	5.90e-03	12.7	12.7	12.7	12.7	33.4	22.7	6.4	-84.3	-106.6	-10.8
2224	ok	0.0	0.5	5.91e-03	12.7	12.7	12.7	12.7	33.4	23.2	5.9	-91.7	-110.2	-2.3
2225	ok	0.0	0.5	5.62e-03	12.7	12.7	12.7	12.7	33.3	24.7	5.0	-99.7	-111.3	10.5
2226	ok	0.0	0.5	5.41e-03	12.7	12.7	12.7	12.7	31.9	21.8	7.4	-64.9	-86.3	-23.8
2227	ok	0.0	0.5	5.48e-03	12.7	12.7	12.7	12.7	32.2	21.9	7.0	-79.7	-92.0	-17.4
2228	ok	0.0	0.5	5.50e-03	12.7	12.7	12.7	12.7	32.3	22.2	6.5	-91.8	-96.5	-9.7
2229	ok	0.0	0.5	5.16e-03	12.7	12.7	12.7	12.7	32.3	22.6	5.9	-99.4	-100.8	-1.7
2230	ok	0.0	0.5	5.25e-03	12.7	12.7	12.7	12.7	32.3	23.8	4.8	-107.2	-102.1	10.9
2231	ok	0.0	0.4	5.12e-03	12.7	12.7	12.7	12.7	31.0	21.4	7.7	-67.7	-69.4	-20.9
2232	ok	0.0	0.4	5.14e-03	12.7	12.7	12.7	12.7	31.2	21.4	7.2	-84.9	-77.2	-14.8
2233	ok	0.0	0.5	4.82e-03	12.7	12.7	12.7	12.7	31.3	21.7	6.6	-98.1	-83.6	-7.7
2234	ok	0.0	0.5	4.83e-03	12.7	12.7	12.7	12.7	31.4	22.1	6.0	-107.3	-87.9	-0.4
2235	ok	0.0	0.5	4.90e-03	12.7	12.7	12.7	12.7	31.4	22.9	4.8	-113.8	-90.4	11.0
2236	ok	0.0	0.4	4.91e-03	12.7	12.7	12.7	12.7	30.1	20.8	7.9	-70.0	-49.1	-15.9
2237	ok	0.0	0.4	4.55e-03	12.7	12.7	12.7	12.7	30.2	20.9	7.3	-88.9	-60.9	-10.3
2238	ok	0.0	0.5	4.51e-03	12.7	12.7	12.7	12.7	30.3	21.1	6.7	-102.9	-69.5	-4.6
2239	ok	0.0	0.5	4.52e-03	12.7	12.7	12.7	12.7	30.3	21.5	6.1	-112.6	-75.0	1.3
2240	ok	0.0	0.5	4.56e-03	12.7	12.7	12.7	12.7	30.5	22.1	4.9	-119.3	-77.5	10.8
2241	ok	0.0	0.3	4.40e-03	12.7	12.7	12.7	12.7	30.8	27.9	33.1	-61.1	-42.8	-5.4
2242	ok	0.0	0.4	4.26e-03	12.7	12.7	12.7	12.7	29.0	20.3	7.4	-91.0	-45.7	-3.5
2243	ok	0.0	0.5	4.22e-03	12.7	12.7	12.7	12.7	29.1	20.6	6.8	-105.6	-56.2	-0.4
2244	ok	0.0	0.5	4.23e-03	12.7	12.7	12.7	12.7	29.3	20.8	6.2	-115.9	-62.3	3.3
2245	ok	0.0	0.6	4.24e-03	12.7	12.7	12.7	12.7	29.6	21.2	5.0	-123.3	-64.5	10.2
2246	ok	0.0	0.4	4.58e-03	12.7	12.7	12.7	12.7	5.8	-13.6	-31.0	46.4	69.9	34.5
2247	ok	0.0	0.5	6.19e-03	12.7	12.7	12.7	12.7	33.3	22.3	6.0	-36.0	-100.2	-39.3
2248	ok	0.0	0.5	5.83e-03	12.7	12.7	12.7	12.7	32.6	22.2	6.7	-38.9	-97.5	-35.4
2249	ok	0.0	0.5	5.49e-03	12.7	12.7	12.7	12.7	31.8	22.2	7.2	-39.4	-89.1	-31.8
2250	ok	0.0	0.4	5.19e-03	12.7	12.7	12.7	12.7	31.0	22.2	7.7	-37.0	-75.3	-28.2
2251	ok	0.0	0.4	4.95e-03	12.7	12.7	12.7	12.7	29.8	26.3	35.9	-36.6	-65.2	-25.8
2252	ok	0.0	0.4	4.85e-03	12.7	12.7	12.7	12.7	27.5	24.1	38.1	-39.2	-57.1	-25.4
2253	ok	0.0	0.3	5.11e-03	12.7	12.7	12.7	12.7	28.2	23.9	38.0	-44.1	-27.3	-27.2
2254	ok	0.0	0.5	6.21e-03	12.7	12.7	12.7	12.7	32.8	22.1	5.9	-27.5	-86.6	-45.7
2255	ok	0.0	1.0	2.90e-03	69.6	98.0	65.4	101.6	-25.0	-13.0	-8.1	975.7	983.3	733.5
2256	ok	0.0	0.5	6.38e-03	12.7	12.7	12.7	12.7	33.2	22.5	5.6	-29.5	-91.8	-45.9
2257	ok	0.0	0.5	5.88e-03	12.7	12.7	12.7	12.7	32.3	21.8	6.3	-26.7	-88.8	-41.2
2258	ok	0.0	0.5	5.57e-03	12.7	12.7	12.7	12.7	31.8	21.8	6.7	-24.9	-85.1	-36.2
2259	ok	0.0	0.4	5.28e-03	12.7	12.7	12.7	12.7	31.1	21.9	6.9	-21.5	-75.5	-30.5
2260	ok	0.0	0.4	5.01e-03	12.7	12.7	12.7	12.7	19.7	37.9	31.8	-19.1	-58.8	-28.5
2261	ok	0.0	0.3	4.77e-03	12.7	12.7	12.7	12.7	7.7	39.7	31.0	-20.6	-58.7	-21.4
2262	ok	0.0	0.4	4.69e-03	12.7	12.7	12.7	12.7	-9.48e-02	-29.1	-27.0	45.9	78.5	9.1
2263	ok	0.0	0.9	5.06e-03	12.7	12.7	12.7	12.7	6.4	-13.7	-31.4	85.5	209.7	19.8
2264	ok	0.0	0.9	5.38e-03	12.7	12.7	12.7	12.7	-49.1	-13.7	-28.9	211.8	123.9	27.9
2265	ok	0.0	0.5	6.03e-03	12.7	12.7	12.7	12.7	32.7	22.2	6.2	-31.4	-94.6	-41.2
2266	ok	0.0	0.5	5.70e-03	12.7	12.7	12.7	12.7	32.1	22.1	6.7	-31.6	-91.6	-36.6
2267	ok	0.0	0.4	5.39e-03	12.7	12.7	12.7	12.7	31.4	22.2	7.1	-29.6	-82.9	-31.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2268	ok	0.0	0.4	5.10e-03	12.7	12.7	12.7	12.7	30.6	22.5	7.6	-24.4	-68.5	-26.7
2269	ok	0.0	0.4	4.85e-03	12.7	12.7	12.7	12.7	7.9	40.8	31.4	-27.7	-66.8	-24.1
2270	ok	0.0	0.4	4.71e-03	12.7	12.7	12.7	12.7	6.7	39.8	32.1	-25.2	-70.2	-23.3
2271	ok	0.0	0.7	5.09e-03	12.7	12.7	12.7	12.7	-25.8	-24.8	-23.8	92.2	159.8	41.6
2272	ok	0.0	0.4	5.42e-03	12.7	12.7	12.7	12.7	31.9	18.5	6.3	12.6	-68.9	-30.6
2273	ok	0.0	0.4	5.61e-03	12.7	12.7	12.7	12.7	32.1	19.2	6.2	-3.9	-72.7	-34.2
2274	ok	0.0	0.4	5.81e-03	12.7	12.7	12.7	12.7	32.3	20.2	6.2	-15.3	-76.9	-38.7
2275	ok	0.0	0.5	6.02e-03	12.7	12.7	12.7	12.7	32.5	21.1	6.0	-22.9	-82.1	-42.3
2276	ok	0.0	0.4	3.68e-03	12.7	12.7	12.7	12.7	30.6	16.0	7.1	7.5	94.6	10.7
2277	ok	0.0	0.4	5.19e-03	12.7	12.7	12.7	12.7	31.6	18.6	6.5	17.3	-68.4	-32.0
2278	ok	0.0	0.3	5.00e-03	12.7	12.7	12.7	12.7	31.3	18.5	6.7	21.1	-59.3	-32.9
2279	ok	0.0	0.3	4.84e-03	12.7	12.7	12.7	12.7	31.2	18.4	6.8	23.4	-41.6	-32.8
2280	ok	0.0	0.2	4.67e-03	12.7	12.7	12.7	12.7	18.6	26.9	30.8	13.1	-28.2	-32.0
2281	ok	0.0	0.2	4.48e-03	12.7	12.7	12.7	12.7	-19.4	-7.1	-1.1	21.6	20.8	-27.6
2282	ok	0.0	0.3	4.27e-03	12.7	12.7	12.7	12.7	-18.6	-7.2	-0.9	16.4	53.4	-19.3
2283	ok	0.0	0.4	4.05e-03	12.7	12.7	12.7	12.7	31.1	16.2	6.9	11.1	80.9	-5.7
2284	ok	0.0	0.4	3.60e-03	12.7	12.7	12.7	12.7	30.9	16.3	6.7	-5.9	77.4	11.8
2285	ok	0.0	0.3	3.54e-03	12.7	12.7	12.7	12.7	28.6	21.7	23.8	53.9	60.5	6.4
2286	ok	0.0	0.6	4.81e-03	12.7	12.7	12.7	12.7	-7.2	-5.7	-27.3	-143.5	43.8	-0.3
2287	ok	0.0	0.4	5.37e-03	12.7	12.7	12.7	12.7	31.7	19.5	6.5	1.5	-71.2	-34.7
2288	ok	0.0	0.4	5.55e-03	12.7	12.7	12.7	12.7	31.9	20.1	6.3	-11.1	-77.5	-36.0
2289	ok	0.0	0.5	5.71e-03	12.7	12.7	12.7	12.7	32.0	20.9	6.3	-19.9	-83.5	-38.4
2290	ok	0.0	0.3	5.15e-03	12.7	12.7	12.7	12.7	31.4	19.4	6.6	5.0	-63.4	-33.2
2291	ok	0.0	0.4	5.30e-03	12.7	12.7	12.7	12.7	31.4	20.1	6.4	-7.6	-71.2	-32.5
2292	ok	0.0	0.4	5.43e-03	12.7	12.7	12.7	12.7	31.5	20.9	6.5	-16.8	-78.7	-33.8
2293	ok	0.0	0.3	4.94e-03	12.7	12.7	12.7	12.7	31.2	19.4	6.6	7.0	-47.7	-30.3
2294	ok	0.0	0.3	5.07e-03	12.7	12.7	12.7	12.7	31.1	20.1	6.4	-4.8	-57.9	-27.3
2295	ok	0.0	0.4	5.18e-03	12.7	12.7	12.7	12.7	31.0	21.3	6.7	-13.4	-65.8	-29.0
2296	ok	0.0	0.3	4.76e-03	12.7	12.7	12.7	12.7	18.6	29.6	30.7	2.0	-35.4	-29.3
2297	ok	0.0	0.3	4.85e-03	12.7	12.7	12.7	12.7	19.7	31.3	30.9	-9.3	-44.9	-28.9
2298	ok	0.0	0.3	4.94e-03	12.7	12.7	12.7	12.7	19.8	34.6	31.5	-15.0	-52.4	-27.9
2299	ok	0.0	0.2	4.57e-03	12.7	12.7	12.7	12.7	17.8	28.4	29.3	-0.3	-23.1	-23.8
2300	ok	0.0	0.3	4.67e-03	12.7	12.7	12.7	12.7	17.8	31.4	28.7	-10.4	-37.8	-21.7
2301	ok	0.0	0.3	4.73e-03	12.7	12.7	12.7	12.7	8.2	35.7	29.0	-16.4	-51.4	-20.9
2302	ok	0.0	0.2	4.31e-03	12.7	12.7	12.7	12.7	9.5	-7.5	-11.8	10.8	51.7	3.0
2303	ok	0.0	0.2	4.54e-03	12.7	12.7	12.7	12.7	-7.7	-21.6	-25.6	10.1	57.8	13.0
2304	ok	0.0	0.3	4.73e-03	12.7	12.7	12.7	12.7	0.7	-23.4	-25.6	32.2	62.2	18.2
2305	ok	0.0	0.3	3.98e-03	12.7	12.7	12.7	12.7	2.4	-20.1	-24.3	-3.6	74.2	7.2
2306	ok	0.0	0.3	4.09e-03	12.7	12.7	12.7	12.7	17.8	-9.0	-11.4	18.5	73.4	12.3
2307	ok	0.0	0.7	6.03e-03	12.7	12.7	12.7	12.7	-4.1	-37.5	-33.2	35.3	140.4	13.6
2308	ok	0.0	0.3	5.11e-03	12.7	12.7	12.7	12.7	-22.8	-7.2	-3.75e-02	44.0	-66.7	-24.7
2309	ok	0.0	0.6	4.02e-03	12.7	12.7	12.7	12.7	-18.5	-6.9	0.6	55.5	144.7	8.8
2310	ok	0.0	0.3	5.25e-03	12.7	12.7	12.7	12.7	-23.0	-6.9	-0.1	28.3	-66.4	-27.7
2311	ok	0.0	0.3	4.91e-03	12.7	12.7	12.7	12.7	31.2	17.2	6.6	47.3	-67.7	-27.5
2312	ok	0.0	0.3	4.75e-03	12.7	12.7	12.7	12.7	-21.1	-7.5	-0.5	52.8	-56.1	-32.2
2313	ok	0.0	0.3	4.62e-03	12.7	12.7	12.7	12.7	-20.3	-7.6	-0.7	58.8	-36.3	-35.8
2314	ok	0.0	0.4	4.49e-03	12.7	12.7	12.7	12.7	-19.7	-7.7	-0.9	64.4	-6.2	-39.1
2315	ok	0.0	0.4	4.39e-03	12.7	12.7	12.7	12.7	-19.4	-7.9	-1.1	67.7	36.9	-40.7
2316	ok	0.0	0.5	4.37e-03	12.7	12.7	12.7	12.7	-19.2	-7.7	-1.0	65.9	83.1	-36.5
2317	ok	0.0	0.6	4.35e-03	12.7	12.7	12.7	12.7	-19.1	-7.3	-0.5	60.1	125.3	-20.4
2318	ok	0.0	0.5	3.81e-03	12.7	12.7	12.7	12.7	30.6	15.7	7.3	26.2	115.7	9.8
2319	ok	0.0	0.3	5.05e-03	12.7	12.7	12.7	12.7	-22.1	-7.0	-0.4	32.5	-66.0	-30.7
2320	ok	0.0	0.3	4.88e-03	12.7	12.7	12.7	12.7	-21.2	-7.1	-0.6	36.7	-56.4	-33.5
2321	ok	0.0	0.3	4.73e-03	12.7	12.7	12.7	12.7	-20.5	-7.2	-0.8	40.1	-37.5	-35.5
2322	ok	0.0	0.3	4.57e-03	12.7	12.7	12.7	12.7	-19.8	-7.3	-1.0	41.9	-9.6	-36.2
2323	ok	0.0	0.3	4.42e-03	12.7	12.7	12.7	12.7	-19.4	-7.5	-1.1	41.4	29.6	-34.6
2324	ok	0.0	0.4	4.32e-03	12.7	12.7	12.7	12.7	-18.9	-7.4	-0.9	36.9	67.7	-27.6
2325	ok	0.0	0.4	4.17e-03	12.7	12.7	12.7	12.7	-18.5	-7.3	-0.3	31.2	99.7	-12.8
2326	ok	0.0	0.3	4.98e-03	12.7	12.7	12.7	12.7	31.1	16.8	6.3	56.2	-69.3	-21.6
2327	ok	0.0	0.8	4.39e-03	12.7	12.7	12.7	12.7	-19.3	-6.7	0.5	89.6	179.2	8.3
2328	ok	0.0	0.3	4.80e-03	12.7	12.7	12.7	12.7	31.0	16.6	6.6	59.5	-68.4	-25.5
2329	ok	0.0	0.3	4.65e-03	12.7	12.7	12.7	12.7	30.9	16.6	6.9	65.9	-57.8	-29.2
2330	ok	0.0	0.4	4.54e-03	12.7	12.7	12.7	12.7	-20.2	-7.9	-0.6	75.1	-36.3	-34.2
2331	ok	0.0	0.4	4.47e-03	12.7	12.7	12.7	12.7	-19.5	-8.1	-0.9	85.4	-5.2	-39.1
2332	ok	0.0	0.5	4.39e-03	12.7	12.7	12.7	12.7	-19.3	-8.3	-1.2	94.5	41.0	-43.7
2333	ok	0.0	0.6	4.40e-03	12.7	12.7	12.7	12.7	-19.4	-8.0	-1.3	98.1	95.8	-44.0
2334	ok	0.0	0.7	4.61e-03	12.7	12.7	12.7	12.7	-19.8	-7.4	-0.8	93.8	152.2	-28.6
2335	ok	0.0	0.3	4.86e-03	12.7	12.7	12.7	12.7	30.7	16.2	6.4	68.1	-70.0	-20.6
2336	ok	0.0	1.0	5.61e-03	12.7	12.7	12.7	12.9	-20.5	-6.4	0.4	138.8	229.4	8.5
2337	ok	0.0	0.3	4.68e-03	12.7	12.7	12.7	12.7	30.8	16.0	6.7	70.6	-68.9	-23.3
2338	ok	0.0	0.4	4.54e-03	12.7	12.7	12.7	12.7	30.7	16.0	6.9	78.6	-58.4	-25.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2339	ok	0.0	0.4	4.46e-03	12.7	12.7	12.7	12.7	30.7	15.9	7.1	91.0	-38.1	-29.6
2340	ok	0.0	0.5	4.41e-03	12.7	12.7	12.7	12.7	-19.3	-8.5	-0.7	108.1	-5.7	-35.5
2341	ok	0.0	0.6	4.43e-03	12.7	12.7	12.7	12.7	-19.1	-8.8	-1.2	126.6	42.1	-42.9
2342	ok	0.0	0.8	4.47e-03	12.7	12.7	12.7	12.7	-19.1	-8.6	-1.7	143.0	105.5	-50.4
2343	ok	0.0	0.9	4.87e-03	12.7	12.7	12.7	12.7	-20.6	-7.2	-1.5	139.9	190.1	-39.7
2344	ok	0.0	0.4	4.70e-03	12.7	12.7	12.7	12.7	30.4	15.2	6.6	76.0	-69.5	-20.5
2345	ok	0.0	0.3	4.30e-03	12.7	12.7	12.7	12.7	30.3	12.4	6.5	56.7	-58.5	-14.3
2346	ok	0.0	0.3	4.50e-03	12.7	12.7	12.7	12.7	30.3	13.8	6.7	72.0	-65.6	-19.2
2347	ok	0.0	0.2	4.00e-03	12.7	12.7	12.7	12.7	-14.9	-7.7	-18.4	17.2	-37.1	9.9
2348	ok	0.0	0.2	4.13e-03	12.7	12.7	12.7	12.7	30.4	11.1	6.0	35.1	-49.8	-5.8
2349	ok	0.0	0.2	3.82e-03	12.7	12.7	12.7	12.7	30.7	8.7	2.3	-28.9	-13.2	29.5
2350	ok	0.0	0.2	3.84e-03	12.7	12.7	12.7	12.7	30.5	9.1	3.5	-20.1	-23.5	21.7
2351	ok	0.0	0.2	3.92e-03	12.7	12.7	12.7	12.7	30.4	9.3	4.3	-6.8	-33.4	12.3
2352	ok	0.0	0.3	3.74e-03	12.7	12.7	12.7	12.7	30.3	10.4	-2.2	-9.3	23.6	52.7
2353	ok	0.0	0.3	3.78e-03	12.7	12.7	12.7	12.7	-22.8	-8.4	0.8	-24.2	8.9	42.0
2354	ok	0.0	0.4	4.80e-03	12.7	12.7	12.7	12.7	-25.2	-0.7	-11.0	39.3	68.6	18.1
2355	ok	0.0	0.5	3.75e-03	12.7	12.7	12.7	12.7	6.5	-16.3	2.8	39.5	120.7	18.8
2356	ok	0.0	0.3	2.25e-03	12.7	12.7	12.7	12.7	-13.6	-6.9	-0.9	-55.7	34.3	11.5
2357	ok	0.0	0.3	2.55e-03	12.7	12.7	12.7	12.7	26.2	5.6	8.3	23.6	61.6	15.5
2358	ok	0.0	0.4	2.48e-03	12.7	12.7	12.7	12.7	24.8	11.7	-6.3	-87.7	32.7	19.0
2359	ok	0.0	0.4	2.45e-03	12.7	12.7	12.7	12.7	24.7	10.9	-5.3	-91.0	29.4	17.1
2360	ok	0.0	0.4	2.44e-03	12.7	12.7	12.7	12.7	-14.4	-5.8	-2.9	-87.5	26.7	17.8
2361	ok	0.0	0.3	2.35e-03	12.7	12.7	12.7	12.7	-13.7	-6.2	-1.9	-77.2	29.0	15.3
2362	ok	0.0	0.3	2.58e-03	12.7	12.7	12.7	12.7	25.0	13.3	-8.1	-65.8	45.1	23.0
2363	ok	0.0	0.4	3.01e-03	12.7	12.7	12.7	12.7	-35.6	-7.6	1.9	24.8	77.5	34.0
2364	ok	0.0	0.3	2.70e-03	12.7	12.7	12.7	12.7	25.1	14.7	-9.5	-39.7	57.8	27.4
2365	ok	0.0	0.6	3.00e-03	12.7	12.7	12.7	12.7	-19.0	-3.5	2.51e-02	96.5	93.3	41.7
2366	ok	0.0	0.6	3.96e-03	12.7	12.7	12.7	12.7	-12.1	-0.2	-2.9	156.8	89.9	7.1
2367	ok	0.0	0.5	1.85e-03	12.7	12.7	12.7	12.7	13.8	23.7	-14.9	82.7	87.8	-24.8
2368	ok	0.0	0.6	2.15e-03	12.7	12.7	12.7	12.7	14.6	21.2	-14.6	130.3	90.5	-24.2
2369	ok	0.0	0.3	1.31e-03	12.7	12.7	12.7	12.7	-7.4	6.7	-4.0	61.4	60.5	-9.5
2370	ok	0.0	0.4	1.38e-03	12.7	12.7	12.7	12.7	-6.9	5.8	-3.7	67.0	71.7	-15.6
2371	ok	0.0	0.3	1.49e-03	12.7	12.7	12.7	12.7	-15.7	-2.12e-02	0.4	72.7	44.2	-1.6
2372	ok	0.0	0.4	1.46e-03	12.7	12.7	12.7	12.7	-15.5	-0.3	3.2	96.3	31.5	-1.2
2373	ok	0.0	1.0	7.20e-03	12.7	14.1	12.7	19.8	-24.0	-5.3	0.3	250.8	341.7	14.1
2374	ok	0.0	0.4	4.55e-03	12.7	12.7	12.7	12.7	30.6	15.0	6.8	79.1	-68.3	-19.4
2375	ok	0.0	0.4	4.42e-03	12.7	12.7	12.7	12.7	30.6	15.1	6.9	89.6	-58.1	-18.8
2376	ok	0.0	0.5	4.33e-03	12.7	12.7	12.7	12.7	30.5	15.2	7.1	107.1	-38.8	-19.5
2377	ok	0.0	0.6	4.31e-03	12.7	12.7	12.7	12.7	30.3	15.3	7.3	132.1	-8.6	-22.5
2378	ok	0.0	0.7	4.43e-03	12.7	12.7	12.7	12.7	-18.7	-9.3	-0.9	166.0	40.1	-28.5
2379	ok	0.0	0.9	4.73e-03	12.7	14.2	12.7	12.7	-17.8	-10.3	-1.5	218.0	102.6	-41.3
2380	ok	0.0	1.0	6.55e-03	12.7	17.4	12.7	15.7	-19.8	-10.3	-4.0	258.1	220.6	-59.5
2381	ok	0.0	1.0	3.37e-03	12.7	14.8	12.7	20.4	21.0	16.5	6.7	247.2	350.0	18.6
2382	ok	0.0	0.3	4.17e-03	12.7	12.7	12.7	12.7	30.4	12.7	6.5	66.1	-57.7	-4.8
2383	ok	0.0	0.4	4.04e-03	12.7	12.7	12.7	12.7	30.4	13.1	6.5	80.6	-48.5	4.4
2384	ok	0.0	0.5	3.91e-03	12.7	12.7	12.7	12.7	30.2	13.4	6.6	101.0	-30.7	13.3
2385	ok	0.0	0.6	3.81e-03	12.7	12.7	12.7	12.7	30.0	13.7	6.7	128.7	-2.3	22.9
2386	ok	0.0	0.8	3.73e-03	12.7	12.7	12.7	12.7	29.5	14.0	6.9	165.5	41.1	34.5
2387	ok	0.0	0.9	3.69e-03	12.7	14.8	12.7	12.7	29.0	14.1	7.1	217.5	103.6	51.0
2388	ok	0.0	1.0	4.42e-03	12.7	18.4	12.7	16.6	27.0	14.0	7.9	258.2	219.8	73.3
2390	ok	0.0	0.4	4.37e-03	12.7	12.7	12.7	12.7	30.5	13.9	6.7	77.8	-64.6	-13.2
2391	ok	0.0	0.4	4.23e-03	12.7	12.7	12.7	12.7	30.4	14.1	6.8	90.8	-55.1	-8.1
2392	ok	0.0	0.5	4.13e-03	12.7	12.7	12.7	12.7	30.3	14.3	6.9	111.7	-36.4	-3.9
2393	ok	0.0	0.6	4.09e-03	12.7	12.7	12.7	12.7	30.1	14.5	7.0	142.0	-7.4	-0.7
2394	ok	0.0	0.8	4.19e-03	12.7	12.7	12.7	12.7	-18.1	-9.4	-0.1	185.0	37.2	2.6
2395	ok	0.0	1.0	5.09e-03	12.7	14.2	12.7	12.7	29.2	15.3	7.5	252.9	100.7	5.4
2396	ok	0.0	1.0	7.46e-03	12.7	21.9	12.7	14.9	-18.5	-12.6	-0.1	380.0	214.8	19.4
2397	ok	0.0	0.7	2.49e-03	12.7	12.7	12.7	12.7	26.1	14.9	5.2	69.9	155.1	10.7
2398	ok	0.0	0.2	3.88e-03	12.7	12.7	12.7	12.7	30.3	10.9	5.3	24.5	-38.7	15.3
2399	ok	0.0	0.2	3.74e-03	12.7	12.7	12.7	12.7	30.1	11.7	5.4	37.0	-30.0	26.6
2400	ok	0.0	0.3	3.60e-03	12.7	12.7	12.7	12.7	29.8	12.3	5.7	49.7	-13.3	37.5
2401	ok	0.0	0.4	3.47e-03	12.7	12.7	12.7	12.7	29.2	12.9	5.8	61.3	14.9	46.6
2402	ok	0.0	0.5	3.33e-03	12.7	12.7	12.7	12.7	29.1	13.3	6.3	69.8	49.6	54.8
2403	ok	0.0	0.6	3.07e-03	12.7	12.7	12.7	12.7	28.3	13.7	6.4	72.1	95.3	54.8
2404	ok	0.0	0.7	2.73e-03	12.7	12.7	12.7	12.7	27.3	14.3	6.1	70.1	137.4	39.9
2405	ok	0.0	1.0	2.35e-03	12.7	12.7	12.7	12.7	24.7	15.4	5.7	133.6	222.2	9.7
2406	ok	0.0	0.2	4.01e-03	12.7	12.7	12.7	12.7	30.4	11.7	6.0	46.7	-48.5	5.2
2407	ok	0.0	0.3	3.87e-03	12.7	12.7	12.7	12.7	30.3	12.2	6.1	60.9	-39.6	16.5
2408	ok	0.0	0.4	3.73e-03	12.7	12.7	12.7	12.7	30.1	12.7	6.2	77.9	-21.9	28.0
2409	ok	0.0	0.5	3.60e-03	12.7	12.7	12.7	12.7	29.5	13.1	6.2	96.9	9.1	39.1
2410	ok	0.0	0.6	3.47e-03	12.7	12.7	12.7	12.7	29.3	13.4	6.7	118.6	48.2	52.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2411	ok	0.0	0.8	3.49e-03	12.7	12.7	12.7	12.7	28.5	13.7	7.0	134.7	109.9	62.7
2412	ok	0.0	0.9	2.92e-03	12.7	12.7	12.7	13.0	26.3	14.7	6.9	132.0	187.9	52.3
2413	ok	0.0	0.4	3.20e-03	12.7	12.7	12.7	12.7	-12.5	-7.1	-10.5	16.7	83.8	16.0
2414	ok	0.0	0.3	3.59e-03	12.7	12.7	12.7	12.7	29.9	10.1	2.3	-19.8	-14.0	38.6
2415	ok	0.0	0.3	3.42e-03	12.7	12.7	12.7	12.7	29.1	11.4	2.7	-12.0	-12.1	44.3
2416	ok	0.0	0.2	3.31e-03	12.7	12.7	12.7	12.7	19.4	2.4	17.4	-18.1	-13.3	29.7
2417	ok	0.0	0.2	3.22e-03	12.7	12.7	12.7	12.7	-12.0	0.4	-15.8	14.5	27.3	32.0
2418	ok	0.0	0.3	3.11e-03	12.7	12.7	12.7	12.7	-10.5	0.7	-15.6	15.3	49.2	29.9
2419	ok	0.0	0.3	3.07e-03	12.7	12.7	12.7	12.7	-11.4	1.2	-15.9	11.2	63.0	25.6
2420	ok	0.0	0.4	3.17e-03	12.7	12.7	12.7	12.7	-20.7	-5.2	-17.3	40.5	73.7	25.2
2421	ok	0.0	0.4	2.79e-03	12.7	12.7	12.7	12.7	-17.5	-6.6	1.1	9.6	89.0	16.4
2422	ok	0.0	0.5	2.63e-03	12.7	12.7	12.7	12.7	27.0	14.6	4.7	32.0	115.7	13.2
2423	ok	0.0	0.2	3.66e-03	12.7	12.7	12.7	12.7	30.1	9.9	3.3	-10.4	-22.8	30.2
2424	ok	0.0	0.2	3.76e-03	12.7	12.7	12.7	12.7	-13.2	-6.5	-18.2	13.2	-25.2	24.2
2425	ok	0.0	0.2	3.50e-03	12.7	12.7	12.7	12.7	29.5	11.0	3.6	-1.4	-17.4	38.0
2426	ok	0.0	0.2	3.62e-03	12.7	12.7	12.7	12.7	29.9	11.4	4.7	16.0	-22.3	33.8
2427	ok	0.0	0.2	3.42e-03	12.7	12.7	12.7	12.7	-12.8	-5.4	-16.2	18.4	9.5	35.4
2428	ok	0.0	0.3	3.50e-03	12.7	12.7	12.7	12.7	29.5	12.2	5.0	25.2	-7.6	42.4
2429	ok	0.0	0.3	3.31e-03	12.7	12.7	12.7	12.7	-11.0	-5.1	-16.1	19.6	29.0	36.3
2430	ok	0.0	0.3	3.37e-03	12.7	12.7	12.7	12.7	-10.9	-6.7	-15.8	31.7	29.2	39.8
2431	ok	0.0	0.3	3.15e-03	12.7	12.7	12.7	12.7	-11.2	-4.3	-16.3	17.9	48.4	34.9
2432	ok	0.0	0.4	3.20e-03	12.7	12.7	12.7	12.7	28.8	13.4	5.9	34.9	45.6	51.1
2433	ok	0.0	0.4	3.06e-03	12.7	12.7	12.7	12.7	-9.6	5.1	-12.3	21.6	62.2	31.1
2434	ok	0.0	0.5	3.01e-03	12.7	12.7	12.7	12.7	28.5	13.8	6.0	33.7	78.7	46.8
2435	ok	0.0	0.4	2.91e-03	12.7	12.7	12.7	12.7	-17.8	-7.0	-0.4	8.8	83.4	28.9
2436	ok	0.0	0.5	2.76e-03	12.7	12.7	12.7	12.7	27.9	14.2	5.6	31.4	105.9	33.6
2437	ok	0.0	0.9	4.65e-03	35.3	50.4	28.7	45.6	8.7	-4.0	3.1	412.5	513.4	280.3
2438	ok	0.0	0.3	3.31e-03	12.7	12.7	12.7	12.7	27.9	11.4	-1.1	-11.5	1.5	51.6
2439	ok	0.0	0.3	3.12e-03	12.7	12.7	12.7	12.7	27.2	12.0	-0.1	-14.0	-10.1	51.5
2440	ok	0.0	0.3	2.99e-03	12.7	12.7	12.7	12.7	26.5	12.8	0.6	-15.7	-12.3	49.2
2441	ok	0.0	0.3	2.90e-03	12.7	12.7	12.7	12.7	8.6	-5.0	2.9	-23.9	-20.9	32.5
2442	ok	0.0	0.2	2.92e-03	12.7	12.7	12.7	12.7	8.5	-3.8	2.4	-26.7	-23.7	29.9
2443	ok	0.0	0.4	3.63e-03	12.7	12.7	12.7	12.7	-1.9	3.9	-1.5	37.0	86.9	29.2
2444	ok	0.0	0.9	5.01e-03	14.6	16.8	21.4	22.2	-0.5	4.0	-2.6	177.7	363.2	29.4
2445	ok	0.0	0.9	3.45e-03	20.3	15.6	12.7	13.6	-20.8	-3.2	-9.3	249.2	115.9	44.6
2446	ok	0.0	0.3	3.49e-03	12.7	12.7	12.7	12.7	29.4	10.5	0.4	-22.0	-5.0	47.7
2447	ok	0.0	0.3	3.30e-03	12.7	12.7	12.7	12.7	28.3	11.7	1.1	-17.2	-9.4	49.6
2448	ok	0.0	0.3	3.19e-03	12.7	12.7	12.7	12.7	27.4	12.9	1.9	-14.1	-7.1	48.6
2449	ok	0.0	0.2	3.13e-03	12.7	12.7	12.7	12.7	8.0	-4.4	4.8	-17.9	-16.3	34.7
2450	ok	0.0	0.2	3.14e-03	12.7	12.7	12.7	12.7	-11.4	1.2	-14.7	18.4	38.4	26.3
2451	ok	0.0	0.4	3.73e-03	12.7	12.7	12.7	12.7	-9.4	-2.6	-16.2	28.1	77.6	23.7
2452	ok	0.0	0.5	3.91e-03	12.7	12.7	12.7	12.7	43.8	31.2	18.2	-89.0	30.8	-55.5
2453	ok	0.0	0.9	2.08e-03	21.3	19.0	12.7	13.8	11.7	4.7	2.0	-48.9	60.3	196.3
2454	ok	0.0	0.3	3.12e-03	12.7	12.7	12.7	12.7	7.6	-14.1	3.8	11.6	35.7	29.9
2455	ok	0.0	0.3	2.95e-03	12.7	12.7	12.7	12.7	26.7	11.7	-0.7	-12.6	-11.8	46.6
2456	ok	0.0	0.3	2.82e-03	12.7	12.7	12.7	12.7	-16.4	-6.5	-1.4	-22.2	-13.9	46.2
2457	ok	0.0	0.3	2.71e-03	12.7	12.7	12.7	12.7	-15.7	-6.1	-1.7	-25.1	-10.6	46.9
2458	ok	0.0	0.3	2.63e-03	12.7	12.7	12.7	12.7	7.8	-4.0	1.4	-33.1	-25.7	30.4
2459	ok	0.0	0.4	3.23e-03	12.7	12.7	12.7	12.7	-1.5	11.7	-2.5	39.5	78.0	24.6
2460	ok	0.0	0.5	2.70e-03	12.7	12.7	12.7	12.7	-2.2	11.7	-1.9	58.3	108.9	6.9
2461	ok	0.0	0.4	1.58e-03	12.7	12.7	12.7	12.7	5.5	11.7	9.9	41.7	70.0	24.7
2462	ok	0.0	0.2	2.93e-03	12.7	12.7	12.7	12.7	7.6	-14.7	3.7	10.3	34.8	22.4
2463	ok	0.0	0.2	2.83e-03	12.7	12.7	12.7	12.7	-16.6	-6.1	-1.1	-19.7	-10.1	38.9
2464	ok	0.0	0.3	2.71e-03	12.7	12.7	12.7	12.7	-16.1	-5.8	-1.6	-29.7	-13.7	42.7
2465	ok	0.0	0.3	2.60e-03	12.7	12.7	12.7	12.7	-15.3	-5.5	-2.0	-34.4	-11.3	45.6
2466	ok	0.0	0.3	2.58e-03	12.7	12.7	12.7	12.7	8.9	-4.2	0.7	-39.9	-33.3	30.7
2467	ok	0.0	0.3	2.32e-03	12.7	12.7	12.7	12.7	-12.1	-5.2	-3.1	-31.7	12.1	50.2
2468	ok	0.0	0.4	1.84e-03	12.7	12.7	12.7	12.7	9.0	-3.8	-11.9	-69.1	6.9	50.3
2469	ok	0.0	0.4	1.75e-03	12.7	12.7	12.7	12.7	19.2	16.0	-2.7	-89.1	4.6	28.7
2470	ok	0.0	0.2	2.41e-03	12.7	12.7	12.7	12.7	-28.2	-10.8	-0.3	-58.3	13.6	16.1
2471	ok	0.0	0.3	2.48e-03	12.7	12.7	12.7	12.7	-28.9	-10.2	-1.3	-61.2	2.1	22.8
2472	ok	0.0	0.3	2.46e-03	12.7	12.7	12.7	12.7	-15.1	-4.4	-2.2	-66.8	-5.8	30.5
2473	ok	0.0	0.4	2.39e-03	12.7	12.7	12.7	12.7	-14.5	-4.1	-2.5	-72.4	-7.9	35.9
2474	ok	0.0	0.4	2.25e-03	12.7	12.7	12.7	12.7	-13.6	-4.0	-2.7	-78.0	-5.9	39.2
2475	ok	0.0	0.4	2.08e-03	12.7	12.7	12.7	12.7	-12.5	-4.0	-2.5	-83.8	-1.5	39.5
2476	ok	0.0	0.4	1.89e-03	12.7	12.7	12.7	12.7	20.4	15.4	-2.1	-85.1	5.8	36.8
2477	ok	0.0	0.3	1.62e-03	12.7	12.7	12.7	12.7	18.2	16.2	-2.3	-60.9	27.7	28.9
2478	ok	0.0	0.2	2.67e-03	12.7	12.7	12.7	12.7	-16.6	-4.0	-14.6	-31.4	12.7	14.5
2479	ok	0.0	0.2	2.65e-03	12.7	12.7	12.7	12.7	-16.0	-5.1	-1.2	-38.0	-4.8	28.6
2480	ok	0.0	0.3	2.59e-03	12.7	12.7	12.7	12.7	-15.6	-4.9	-1.9	-47.0	-10.5	35.9
2481	ok	0.0	0.3	2.51e-03	12.7	12.7	12.7	12.7	-14.9	-4.7	-2.3	-53.3	-10.1	41.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2482	ok	0.0	0.4	2.39e-03	12.7	12.7	12.7	12.7	-13.7	-4.5	-2.6	-57.8	-4.7	44.9
2483	ok	0.0	0.4	2.11e-03	12.7	12.7	12.7	12.7	-11.9	-4.6	-2.7	-61.6	6.0	46.0
2484	ok	0.0	0.4	1.83e-03	12.7	12.7	12.7	12.7	-10.1	-4.9	-2.1	-66.8	16.9	40.6
2485	ok	0.0	0.5	2.18e-03	12.7	12.7	12.7	12.7	20.8	16.9	-4.9	-113.7	-17.0	22.0
2486	ok	0.0	0.4	2.40e-03	12.7	12.7	12.7	12.7	24.3	12.8	-6.3	-86.6	25.3	21.3
2487	ok	0.0	0.4	2.33e-03	12.7	12.7	12.7	12.7	23.7	13.8	-6.0	-85.5	15.2	22.6
2488	ok	0.0	0.4	2.29e-03	12.7	12.7	12.7	12.7	23.2	14.6	-5.4	-86.3	5.9	22.7
2489	ok	0.0	0.4	2.27e-03	12.7	12.7	12.7	12.7	22.8	15.3	-5.0	-89.7	-2.2	22.7
2490	ok	0.0	0.4	2.27e-03	12.7	12.7	12.7	12.7	22.4	15.8	-4.5	-95.0	-6.1	21.7
2491	ok	0.0	0.5	2.27e-03	12.7	12.7	12.7	12.7	22.1	16.1	-4.4	-101.6	-8.3	21.1
2492	ok	0.0	0.5	2.24e-03	12.7	12.7	12.7	12.7	21.6	16.5	-4.5	-108.3	-11.1	21.3
2493	ok	0.0	0.5	2.07e-03	12.7	12.7	12.7	12.7	20.5	16.6	-4.4	-116.2	-17.0	24.0
2494	ok	0.0	0.5	1.97e-03	12.7	12.7	12.7	12.7	-12.2	-2.3	-1.3	-111.7	-15.8	26.3
2495	ok	0.0	0.5	1.87e-03	12.7	12.7	12.7	12.7	-11.4	-3.1	-1.0	-105.3	-10.4	27.4
2496	ok	0.0	0.4	2.38e-03	12.7	12.7	12.7	12.7	24.4	11.9	-5.3	-89.6	22.3	18.9
2497	ok	0.0	0.4	2.36e-03	12.7	12.7	12.7	12.7	-14.5	-5.0	-2.5	-86.1	19.3	19.1
2498	ok	0.0	0.3	2.36e-03	12.7	12.7	12.7	12.7	-14.5	-5.3	-1.9	-76.7	16.2	17.4
2499	ok	0.0	0.4	2.35e-03	12.7	12.7	12.7	12.7	24.1	12.8	-5.1	-88.9	12.6	21.1
2500	ok	0.0	0.4	2.36e-03	12.7	12.7	12.7	12.7	-14.5	-4.3	-2.7	-86.5	8.6	22.8
2501	ok	0.0	0.4	2.40e-03	12.7	12.7	12.7	12.7	-14.8	-4.6	-2.1	-77.5	5.3	22.4
2502	ok	0.0	0.4	2.32e-03	12.7	12.7	12.7	12.7	23.7	13.6	-4.8	-90.6	2.9	24.0
2503	ok	0.0	0.4	2.34e-03	12.7	12.7	12.7	12.7	-14.4	-3.8	-2.9	-88.1	0.8	26.1
2504	ok	0.0	0.4	2.38e-03	12.7	12.7	12.7	12.7	-14.7	-4.1	-2.5	-80.4	-2.1	27.7
2505	ok	0.0	0.4	2.29e-03	12.7	12.7	12.7	12.7	23.2	14.3	-4.4	-94.0	-3.1	25.4
2506	ok	0.0	0.4	2.30e-03	12.7	12.7	12.7	12.7	-14.1	-3.4	-3.1	-91.6	-4.1	28.6
2507	ok	0.0	0.4	2.33e-03	12.7	12.7	12.7	12.7	-14.3	-3.8	-2.8	-84.8	-5.8	31.9
2508	ok	0.0	0.5	2.25e-03	12.7	12.7	12.7	12.7	22.7	15.0	-4.1	-99.1	-6.5	26.0
2509	ok	0.0	0.5	2.24e-03	12.7	12.7	12.7	12.7	22.9	14.3	-3.4	-96.5	-6.7	30.3
2510	ok	0.0	0.4	2.24e-03	12.7	12.7	12.7	12.7	-13.7	-3.5	-2.8	-90.2	-6.4	34.3
2511	ok	0.0	0.5	2.21e-03	12.7	12.7	12.7	12.7	22.1	15.5	-3.9	-105.3	-8.6	25.8
2512	ok	0.0	0.5	2.16e-03	12.7	12.7	12.7	12.7	22.0	15.0	-3.4	-102.7	-7.4	30.4
2513	ok	0.0	0.5	2.12e-03	12.7	12.7	12.7	12.7	-12.9	-3.4	-2.6	-96.1	-5.6	34.4
2514	ok	0.0	0.5	2.15e-03	12.7	12.7	12.7	12.7	21.3	16.0	-4.1	-111.3	-11.4	25.1
2515	ok	0.0	0.5	2.06e-03	12.7	12.7	12.7	12.7	-12.8	-2.5	-2.1	-107.7	-10.3	28.6
2516	ok	0.0	0.5	1.98e-03	12.7	12.7	12.7	12.7	-12.0	-3.3	-1.9	-101.5	-6.0	31.9
2517	ok	0.0	0.5	2.42e-03	12.7	12.7	12.7	12.7	21.7	17.4	-5.4	-98.4	-8.6	17.3
2518	ok	0.0	0.3	2.40e-03	12.7	12.7	12.7	12.7	23.9	14.7	-7.9	-63.9	32.4	26.5
2519	ok	0.0	0.3	2.27e-03	12.7	12.7	12.7	12.7	22.9	15.8	-7.3	-63.2	17.9	25.5
2520	ok	0.0	0.3	2.20e-03	12.7	12.7	12.7	12.7	22.2	16.6	-6.5	-64.9	6.1	21.9
2521	ok	0.0	0.3	2.21e-03	12.7	12.7	12.7	12.7	17.2	-0.3	-1.9	-57.5	-17.1	16.0
2522	ok	0.0	0.4	2.28e-03	12.7	12.7	12.7	12.7	21.8	17.5	-4.9	-75.2	-5.5	14.4
2523	ok	0.0	0.4	2.38e-03	12.7	12.7	12.7	12.7	22.0	17.5	-4.5	-82.9	-5.5	12.3
2524	ok	0.0	0.4	2.45e-03	12.7	12.7	12.7	12.7	22.1	17.3	-4.7	-91.1	-5.2	13.2
2525	ok	0.0	0.3	3.26e-03	12.7	12.7	12.7	12.7	24.3	17.5	-5.5	-53.1	27.8	8.1
2526	ok	0.0	0.3	2.31e-03	12.7	12.7	12.7	12.7	-27.2	-9.5	-0.2	20.8	41.4	35.2
2527	ok	0.0	0.2	2.08e-03	12.7	12.7	12.7	12.7	-24.4	-9.6	-2.3	12.4	15.5	27.5
2528	ok	0.0	0.2	2.02e-03	12.7	12.7	12.7	12.7	9.2	2.5	-11.3	-15.3	-15.7	22.8
2529	ok	0.0	0.2	2.08e-03	12.7	12.7	12.7	12.7	8.6	3.9	-11.4	-22.2	-28.9	17.1
2530	ok	0.0	0.2	2.31e-03	12.7	12.7	12.7	12.7	15.5	2.3	-2.1	-38.9	-37.3	5.7
2531	ok	0.0	0.2	2.67e-03	12.7	12.7	12.7	12.7	15.6	2.4	-1.7	-39.0	-29.7	0.1
2532	ok	0.0	0.4	3.20e-03	12.7	12.7	12.7	12.7	24.1	2.9	9.9	-76.8	-13.5	-16.0
2533	ok	0.0	0.4	2.66e-03	12.7	12.7	12.7	12.7	22.8	17.1	-5.6	-79.6	6.5	13.1
2534	ok	0.0	0.2	2.39e-03	12.7	12.7	12.7	12.7	23.3	16.3	-9.2	-37.5	37.7	30.3
2535	ok	0.0	0.2	2.19e-03	12.7	12.7	12.7	12.7	33.6	23.8	-9.5	-40.7	18.1	24.8
2536	ok	0.0	0.2	2.12e-03	12.7	12.7	12.7	12.7	17.6	-0.3	-2.6	-41.6	-8.1	20.1
2537	ok	0.0	0.3	2.15e-03	12.7	12.7	12.7	12.7	16.9	0.5	-2.2	-45.9	-17.1	14.7
2538	ok	0.0	0.3	2.27e-03	12.7	12.7	12.7	12.7	16.5	1.1	-1.8	-49.3	-25.6	8.6
2539	ok	0.0	0.3	2.49e-03	12.7	12.7	12.7	12.7	18.3	-2.59e-02	9.3	-66.3	-14.0	4.7
2540	ok	0.0	0.3	2.68e-03	12.7	12.7	12.7	12.7	20.5	0.8	9.2	-77.1	-8.5	7.0
2541	ok	0.0	1.0	3.70e-03	21.2	18.6	12.7	15.3	21.2	-0.2	1.6	-263.1	-81.8	106.7
2542	ok	0.0	0.3	2.10e-03	12.7	12.7	12.7	12.7	-24.3	-9.8	-0.7	68.8	39.9	28.7
2543	ok	0.0	0.2	2.01e-03	12.7	12.7	12.7	12.7	-22.7	-8.7	-2.8	47.0	12.5	19.9
2544	ok	0.0	0.1	1.96e-03	12.7	12.7	12.7	12.7	-8.3	10.7	-18.5	26.2	-14.6	19.2
2545	ok	0.0	0.2	1.98e-03	12.7	12.7	12.7	12.7	-7.0	12.4	-19.0	19.3	-27.7	15.6
2546	ok	0.0	0.2	2.28e-03	12.7	12.7	12.7	12.7	-3.5	8.9	3.6	29.5	36.5	-10.6
2547	ok	0.0	0.3	4.03e-03	12.7	12.7	12.7	12.7	-11.6	6.4	-6.5	53.2	65.4	1.31e-02
2548	ok	0.0	0.5	4.15e-03	12.7	12.7	12.7	12.7	-30.0	-18.5	-25.6	106.0	70.7	18.5
2549	ok	0.0	0.9	5.61e-03	34.5	45.5	43.5	54.4	-15.9	11.7	-5.2	465.1	619.4	-289.7
2550	ok	0.0	0.4	2.00e-03	12.7	12.7	12.7	12.7	-11.4	1.1	-4.6	103.1	38.3	4.1
2551	ok	0.0	0.3	1.92e-03	12.7	12.7	12.7	12.7	-21.0	-5.9	-3.6	72.4	11.3	2.0
2552	ok	0.0	0.2	1.84e-03	12.7	12.7	12.7	12.7	-13.1	14.6	-5.0	55.1	12.5	-2.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2553	ok	0.0	0.2	1.86e-03	12.7	12.7	12.7	12.7	-7.1	18.9	-19.4	36.2	-27.3	10.4
2554	ok	0.0	0.2	2.12e-03	12.7	12.7	12.7	12.7	-10.7	7.8	-5.9	55.7	29.0	-2.4
2555	ok	0.0	0.4	3.95e-03	12.7	12.7	12.7	12.7	-5.0	1.5	7.2	84.2	84.5	-0.7
2556	ok	0.0	1.0	6.50e-03	12.7	19.0	24.0	26.3	-2.8	2.92e-02	6.7	160.0	400.8	-74.1
2557	ok	0.0	0.3	1.45e-03	12.7	12.7	12.7	12.7	-3.3	-6.3	10.5	55.8	81.9	-9.0
2558	ok	0.0	0.4	1.79e-03	12.7	12.7	12.7	12.7	-9.4	5.6	-4.0	79.7	43.1	-23.3
2559	ok	0.0	0.3	1.65e-03	12.7	12.7	12.7	12.7	-10.0	5.0	-5.1	68.2	17.3	-19.9
2560	ok	0.0	0.3	1.60e-03	12.7	12.7	12.7	12.7	-11.2	10.1	-1.2	60.4	18.8	-12.8
2561	ok	0.0	0.2	1.65e-03	12.7	12.7	12.7	12.7	-9.9	9.4	-2.5	56.2	26.0	-9.0
2562	ok	0.0	0.2	1.66e-03	12.7	12.7	12.7	12.7	-3.3	1.0	5.6	56.1	46.5	-5.0
2563	ok	0.0	0.2	1.53e-03	12.7	12.7	12.7	12.7	-3.0	0.7	5.7	46.8	56.1	0.2
2564	ok	0.0	0.4	1.46e-03	12.7	12.7	12.7	12.7	-4.9	-0.4	6.0	61.5	78.4	-14.8
2565	ok	0.0	1.0	1.81e-03	20.2	22.9	12.7	19.2	-6.7	-1.4	6.9	117.4	145.6	-208.1
2566	ok	0.0	0.5	3.13e-03	12.7	12.7	12.7	12.7	-4.8	-9.75e-02	5.6	81.4	108.2	-10.5
2567	ok	0.0	0.4	2.04e-03	12.7	12.7	12.7	12.7	-3.0	-1.6	3.2	77.3	90.1	-6.1
2568	ok	0.0	0.2	1.81e-03	12.7	12.7	12.7	12.7	-9.6	8.4	-4.5	60.8	39.8	-0.2
2569	ok	0.0	0.2	1.75e-03	12.7	12.7	12.7	12.7	-11.0	8.8	-3.6	56.8	20.8	-4.9
2570	ok	0.0	0.2	1.73e-03	12.7	12.7	12.7	12.7	-12.6	9.2	-2.7	60.6	15.1	-7.9
2571	ok	0.0	0.3	1.78e-03	12.7	12.7	12.7	12.7	-10.8	3.5	-5.3	72.8	14.3	-11.6
2572	ok	0.0	0.4	1.94e-03	12.7	12.7	12.7	12.7	-10.6	4.2	-4.5	97.0	40.6	-16.3
2573	ok	0.0	0.2	1.01e-03	12.7	12.7	12.7	12.7	-2.9	-8.08e-02	4.3	12.3	52.3	-19.9
2574	ok	0.0	0.3	1.29e-03	12.7	12.7	12.7	12.7	-8.1	6.2	-3.8	63.1	37.5	-18.5
2575	ok	0.0	0.3	1.29e-03	12.7	12.7	12.7	12.7	-8.3	6.0	-4.8	62.2	16.8	-23.3
2576	ok	0.0	0.3	1.37e-03	12.7	12.7	12.7	12.7	-5.0	8.7	0.3	55.0	22.4	-21.6
2577	ok	0.0	0.3	1.48e-03	12.7	12.7	12.7	12.7	-4.4	8.6	-1.4	47.9	30.4	-21.3
2578	ok	0.0	0.3	1.54e-03	12.7	12.7	12.7	12.7	-2.3	-0.9	6.1	36.3	43.1	-18.6
2579	ok	0.0	0.2	1.47e-03	12.7	12.7	12.7	12.7	-2.7	-1.3	6.5	26.1	52.6	-16.9
2580	ok	0.0	0.3	1.19e-03	12.7	12.7	12.7	12.7	-3.0	-1.0	5.6	16.9	61.5	-16.0
2581	ok	0.0	0.3	8.59e-04	12.7	12.7	12.7	12.7	-3.4	0.5	5.2	17.5	56.8	-22.6
2582	ok	0.0	0.3	1.12e-03	12.7	12.7	12.7	12.7	-3.7	-0.1	6.2	23.6	66.3	-8.8
2583	ok	0.0	0.3	1.44e-03	12.7	12.7	12.7	12.7	-2.8	0.8	5.7	36.4	55.2	-12.2
2584	ok	0.0	0.2	1.59e-03	12.7	12.7	12.7	12.7	-2.9	0.2	6.2	39.0	43.5	-12.0
2585	ok	0.0	0.2	1.56e-03	12.7	12.7	12.7	12.7	-8.6	9.0	-1.6	52.5	29.6	-14.1
2586	ok	0.0	0.3	1.49e-03	12.7	12.7	12.7	12.7	-9.4	9.4	-0.3	57.9	21.3	-16.7
2587	ok	0.0	0.3	1.45e-03	12.7	12.7	12.7	12.7	-9.2	5.6	-4.9	63.6	18.2	-22.7
2588	ok	0.0	0.4	1.49e-03	12.7	12.7	12.7	12.7	-8.5	6.2	-3.9	68.4	41.4	-21.9
2589	ok	0.0	0.3	1.50e-03	12.7	12.7	12.7	12.7	-18.0	2.5	-1.8	32.4	56.5	-18.9
2590	ok	0.0	0.3	1.35e-03	12.7	12.7	12.7	12.7	-13.3	-1.4	-0.2	72.3	23.6	-12.5
2591	ok	0.0	0.3	1.32e-03	12.7	12.7	12.7	12.7	-12.1	-1.9	-2.4	69.9	7.8	-22.0
2592	ok	0.0	0.3	1.36e-03	12.7	12.7	12.7	12.7	-2.2	-5.2	8.6	50.2	22.5	-30.0
2593	ok	0.0	0.3	1.40e-03	12.7	12.7	12.7	12.7	-1.7	-5.3	7.2	46.2	32.8	-31.7
2594	ok	0.0	0.3	1.53e-03	12.7	12.7	12.7	12.7	-1.8	7.1	-3.8	48.1	33.5	-34.4
2595	ok	0.0	0.4	1.65e-03	12.7	12.7	12.7	12.7	-7.5	25.6	-16.5	53.5	46.3	-30.9
2596	ok	0.0	0.4	1.64e-03	12.7	12.7	12.7	12.7	-17.4	1.2	-7.4	40.3	52.9	-32.3
2597	ok	0.0	0.5	2.41e-03	12.7	12.7	12.7	12.7	-28.5	5.4	-3.7	81.5	98.3	-22.9
2598	ok	0.0	0.4	1.40e-03	12.7	12.7	12.7	12.7	-10.8	-1.6	0.7	85.2	9.8	-15.3
2599	ok	0.0	0.3	1.56e-03	12.7	12.7	12.7	12.7	-8.9	-2.1	-2.0	77.4	-1.8	-24.4
2600	ok	0.0	0.3	1.63e-03	12.7	12.7	12.7	12.7	-8.4	-2.4	-4.9	73.7	-6.0	-30.5
2601	ok	0.0	0.4	1.65e-03	12.7	12.7	12.7	12.7	-0.3	-10.2	7.3	50.9	31.9	-37.5
2602	ok	0.0	0.4	1.68e-03	12.7	12.7	12.7	12.7	4.9	-9.5	3.9	51.4	48.7	-39.3
2603	ok	0.0	0.5	2.10e-03	12.7	12.7	12.7	12.7	-16.0	-3.9	-14.2	88.5	39.7	-46.6
2604	ok	0.0	0.5	2.28e-03	12.7	12.7	12.7	12.7	-22.0	-3.6	-11.8	85.4	85.5	-44.0
2605	ok	0.0	0.5	1.65e-03	12.7	12.7	12.7	12.7	-13.7	-1.6	4.1	118.4	22.5	-2.4
2606	ok	0.0	0.7	5.57e-03	12.7	12.7	12.7	12.7	-40.0	1.8	4.9	139.8	149.4	-35.1
2607	ok	0.0	0.4	1.53e-03	12.7	12.7	12.7	12.7	-9.3	-1.8	1.0	95.1	2.3	-19.0
2608	ok	0.0	0.4	1.68e-03	12.7	12.7	12.7	12.7	-7.3	-2.1	-1.9	81.3	-6.9	-27.4
2609	ok	0.0	0.4	1.76e-03	12.7	12.7	12.7	12.7	-6.8	-2.4	-4.7	76.8	-9.2	-31.1
2610	ok	0.0	0.4	1.79e-03	12.7	12.7	12.7	12.7	3.4	-11.6	9.8	54.0	30.9	-39.7
2611	ok	0.0	0.5	1.83e-03	12.7	12.7	12.7	12.7	7.6	-13.8	7.0	62.3	49.3	-39.8
2612	ok	0.0	0.6	2.11e-03	12.7	12.7	12.7	12.7	-16.4	-3.9	-13.9	122.0	33.8	-48.0
2613	ok	0.0	0.9	6.29e-03	12.7	12.7	12.7	12.7	-56.1	-6.7	-36.9	182.2	141.8	-44.7
2614	ok	0.0	0.6	2.92e-03	12.7	12.7	12.7	12.7	-8.8	1.5	4.0	121.4	1.2	-46.4
2615	ok	0.0	1.0	1.59e-02	12.7	44.3	12.7	32.8	-144.1	-8.3	-114.9	674.8	455.6	131.6
2616	ok	0.0	0.4	2.40e-03	12.7	12.7	12.7	12.7	-5.2	1.5	1.3	83.1	-6.0	-44.8
2617	ok	0.0	0.3	2.12e-03	12.7	12.7	12.7	12.7	-3.4	1.2	-1.3	65.1	-8.2	-38.5
2618	ok	0.0	0.3	2.10e-03	12.7	12.7	12.7	12.7	0.3	-11.0	10.7	39.6	19.4	-41.4
2619	ok	0.0	0.3	2.02e-03	12.7	12.7	12.7	12.7	2.9	-12.7	10.8	47.8	38.8	-33.0
2620	ok	0.0	0.4	2.52e-03	12.7	12.7	12.7	12.7	6.2	-19.4	7.8	62.7	60.0	-22.4
2621	ok	0.0	0.6	3.86e-03	12.7	12.7	12.7	12.7	10.9	-18.9	7.9	93.9	74.3	-16.3
2622	ok	0.0	1.0	8.79e-03	12.7	17.1	12.7	12.7	-4.0	-93.7	-10.5	175.8	200.9	-23.8
2623	ok	0.0	0.6	4.31e-03	12.7	12.7	12.7	12.7	7.6	67.6	-32.9	56.4	49.1	-58.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2624	ok	0.0	0.9	7.55e-03	12.7	12.7	12.7	12.7	35.8	33.0	-21.1	160.9	100.6	-67.6
2625	ok	0.0	0.4	3.55e-03	12.7	12.7	12.7	12.7	-2.6	5.6	1.5	47.4	0.8	-59.2
2626	ok	0.0	0.3	2.81e-03	12.7	12.7	12.7	12.7	-0.7	12.8	-1.7	36.9	-2.6	-43.4
2627	ok	0.0	0.3	2.28e-03	12.7	12.7	12.7	12.7	0.2	-9.4	11.6	25.4	26.4	-41.4
2628	ok	0.0	0.3	1.92e-03	12.7	12.7	12.7	12.7	4.0	-5.7	13.4	30.1	49.0	-29.3
2629	ok	0.0	0.3	1.96e-03	12.7	12.7	12.7	12.7	9.2	-4.8	16.6	42.1	81.7	-11.1
2630	ok	0.0	0.5	2.62e-03	12.7	12.7	12.7	12.7	16.6	-7.5	21.5	68.6	123.3	17.9
2631	ok	0.0	0.8	5.07e-03	12.7	12.7	12.7	12.7	-5.1	-12.4	27.3	100.8	145.4	39.7
2632	ok	0.0	0.5	5.35e-03	12.7	12.7	12.7	12.7	11.9	86.6	-32.3	38.7	55.2	-61.7
2633	ok	0.0	1.0	5.04e-03	12.7	20.1	15.6	20.1	42.0	72.2	-10.1	193.7	157.1	-165.6
2634	ok	0.0	0.4	3.95e-03	12.7	12.7	12.7	12.7	2.7	74.0	-13.4	22.7	34.8	-47.9
2635	ok	0.0	0.3	2.87e-03	12.7	12.7	12.7	12.7	0.5	-14.3	4.8	15.6	8.4	-47.9
2636	ok	0.0	0.3	2.26e-03	12.7	12.7	12.7	12.7	0.8	-8.5	9.1	15.8	30.1	-40.4
2637	ok	0.0	0.3	1.81e-03	12.7	12.7	12.7	12.7	3.1	-2.3	11.8	19.0	54.4	-27.6
2638	ok	0.0	0.4	1.55e-03	12.7	12.7	12.7	12.7	6.0	2.1	18.4	28.0	91.0	-11.3
2639	ok	0.0	0.6	3.19e-03	12.7	12.7	12.7	12.7	0.9	15.4	19.9	36.2	139.1	24.2
2640	ok	0.0	0.7	3.51e-03	12.7	12.7	12.7	12.7	-1.2	15.0	27.1	64.0	150.7	46.0
2641	ok	0.0	0.5	6.28e-03	12.7	12.7	12.7	12.7	-6.6	-66.9	22.6	0.4	-51.6	-46.8
2642	ok	0.0	1.0	5.52e-03	23.0	12.7	29.3	15.2	2.7	-38.0	-12.1	-105.1	-375.4	-159.3
2643	ok	0.0	0.3	4.11e-03	12.7	12.7	12.7	12.7	4.3	82.4	-12.3	7.5	39.7	-34.4
2644	ok	0.0	0.2	3.03e-03	12.7	12.7	12.7	12.7	0.1	-15.5	5.7	3.5	10.9	-38.6
2645	ok	0.0	0.2	2.32e-03	12.7	12.7	12.7	12.7	1.0	-7.6	5.8	3.9	33.7	-31.1
2646	ok	0.0	0.3	1.78e-03	12.7	12.7	12.7	12.7	2.5	0.5	7.7	5.0	59.9	-22.5
2647	ok	0.0	0.4	1.39e-03	12.7	12.7	12.7	12.7	5.4	20.8	14.1	6.8	94.8	-9.7
2648	ok	0.0	0.7	2.56e-03	12.7	12.7	12.7	12.7	-3.3	31.5	14.9	15.1	152.7	18.7
2649	ok	0.0	0.9	3.95e-03	12.7	12.7	13.9	21.2	29.1	58.3	9.8	69.8	332.6	42.7
2650	ok	0.0	0.4	2.68e-03	12.7	12.7	12.7	12.7	-1.2	-4.3	-0.8	61.9	54.1	46.9
2651	ok	0.0	0.6	2.59e-03	12.7	12.7	12.7	12.7	5.9	-5.3	4.9	66.9	109.0	47.7
2652	ok	0.0	0.9	2.91e-03	12.7	13.5	12.7	12.7	-0.7	-0.8	10.9	140.3	72.5	111.1
2653	ok	0.0	0.3	2.35e-03	12.7	12.7	12.7	12.7	6.0	3.5	4.5	-6.4	-41.8	-38.3
2654	ok	0.0	1.0	2.04e-03	21.2	24.0	19.2	25.1	4.2	23.8	-12.2	-334.5	247.9	-36.0
2655	ok	0.0	0.7	1.36e-03	12.7	12.7	12.7	12.7	2.6	4.6	3.2	-136.8	-69.0	-62.0
2656	ok	0.0	0.3	4.03e-03	12.7	12.7	12.7	12.7	3.5	1.4	2.5	40.2	9.3	19.9
2657	ok	0.0	0.7	3.93e-03	12.7	12.7	12.7	12.7	0.9	23.0	-12.8	57.0	113.4	-58.9
2658	ok	0.0	0.5	7.24e-04	12.7	12.7	12.7	12.7	0.7	-2.2	1.0	-74.6	-53.3	42.8
2659	ok	0.0	0.4	3.43e-03	12.7	12.7	12.7	12.7	10.0	-11.5	12.1	91.8	34.2	-6.3
2660	ok	0.0	0.3	2.79e-03	12.7	12.7	12.7	12.7	9.8	9.5	4.0	58.1	-32.0	-2.1
2661	ok	0.0	0.4	2.90e-03	12.7	12.7	12.7	12.7	16.6	-11.6	10.5	102.8	39.1	-1.8
2662	ok	0.0	0.6	3.35e-03	12.7	12.7	12.7	12.7	11.8	9.6	-1.0	79.7	-37.6	14.6
2663	ok	0.0	0.4	3.60e-03	12.7	12.7	12.7	12.7	-14.1	-9.4	-6.0	86.1	-14.9	21.4
2664	ok	0.0	0.9	5.29e-03	12.7	16.3	19.3	16.1	-18.8	20.8	-8.6	75.2	228.7	64.0
2665	ok	0.0	0.3	3.31e-03	12.7	12.7	12.7	12.7	14.1	-17.9	-23.0	-31.9	-28.6	5.2
2666	ok	0.0	0.3	3.57e-03	12.7	12.7	12.7	12.7	-8.3	34.3	-22.9	-22.2	-35.0	26.6
2667	ok	0.0	0.3	4.08e-03	12.7	12.7	12.7	12.7	-4.7	11.5	14.4	59.9	10.2	11.7
2668	ok	0.0	0.4	4.01e-03	12.7	12.7	12.7	12.7	21.7	-2.5	15.2	52.3	55.5	-11.0
2669	ok	0.0	0.3	3.44e-03	12.7	12.7	12.7	12.7	25.7	9.1	-2.6	-71.4	-29.1	-5.4
2670	ok	0.0	0.3	3.68e-03	12.7	12.7	12.7	12.7	26.8	9.5	-3.4	-69.8	-40.0	-6.8
2671	ok	0.0	0.3	3.34e-03	12.7	12.7	12.7	12.7	26.8	8.2	-3.1	-72.0	-30.7	-1.7
2672	ok	0.0	0.3	3.21e-03	12.7	12.7	12.7	12.7	27.8	7.5	-3.8	-64.1	-28.9	2.3
2673	ok	0.0	0.3	3.18e-03	12.7	12.7	12.7	12.7	14.1	22.2	-22.5	-53.7	-34.2	2.7
2674	ok	0.0	0.3	3.58e-03	12.7	12.7	12.7	12.7	27.8	8.6	-4.0	-69.8	-41.3	-2.0
2675	ok	0.0	0.3	3.45e-03	12.7	12.7	12.7	12.7	28.9	7.9	-4.6	-61.9	-39.4	3.0
2676	ok	0.0	0.3	3.28e-03	12.7	12.7	12.7	12.7	-8.2	20.9	-22.5	-42.8	-47.3	19.9
2677	ok	0.0	0.2	4.35e-03	12.7	12.7	12.7	12.7	-12.6	46.7	18.0	-33.5	-24.8	-1.2
2678	ok	0.0	0.2	4.36e-03	12.7	12.7	12.7	12.7	-12.5	46.8	17.6	-33.4	-31.6	-3.6
2679	ok	0.0	0.2	3.51e-03	12.7	12.7	12.7	12.7	-18.7	-4.9	-6.1	-48.7	-17.3	-10.9
2680	ok	0.0	0.3	3.49e-03	12.7	12.7	12.7	12.7	24.7	10.1	-2.0	-63.1	-24.8	-8.1
2681	ok	0.0	0.2	3.75e-03	12.7	12.7	12.7	12.7	-18.6	-4.9	-6.1	-50.0	-28.8	-13.1
2682	ok	0.0	0.3	3.74e-03	12.7	12.7	12.7	12.7	25.8	10.6	-2.9	-62.7	-35.9	-10.4
2683	ok	0.0	0.2	4.39e-03	12.7	12.7	12.7	12.7	15.0	-43.5	-24.6	25.1	24.2	-5.2
2684	ok	0.0	0.2	4.67e-03	12.7	12.7	12.7	12.7	-13.2	48.3	20.2	-20.7	-27.3	-4.0
2685	ok	0.0	0.7	3.93e-03	12.7	12.7	12.7	12.7	35.9	15.0	9.2	137.2	13.2	36.1
2686	ok	0.0	0.7	5.01e-03	12.7	12.7	12.7	12.7	31.2	17.3	11.5	128.9	53.0	50.4
2687	ok	0.0	0.4	4.41e-03	12.7	12.7	12.7	12.7	33.4	19.4	7.4	89.1	17.6	24.1
2688	ok	0.0	0.3	4.41e-03	12.7	12.7	12.7	12.7	14.4	-42.3	-25.4	57.9	27.2	3.7
2689	ok	0.0	0.4	4.77e-03	12.7	12.7	12.7	12.7	14.2	-42.8	-25.9	74.2	51.0	21.3
2690	ok	0.0	0.2	4.67e-03	12.7	12.7	12.7	12.7	14.9	-44.1	-27.0	46.2	34.3	4.6
2691	ok	0.0	0.7	4.20e-03	12.7	12.7	12.7	12.7	-8.1	42.8	22.2	126.0	64.3	28.5
2692	ok	0.0	0.9	4.36e-03	12.7	13.6	12.7	12.7	-20.1	22.3	18.6	190.0	195.0	25.2
2693	ok	0.0	0.4	3.89e-03	12.7	12.7	12.7	12.7	27.8	18.6	2.3	-91.0	-7.4	11.1
2694	ok	0.0	0.4	4.10e-03	12.7	12.7	12.7	12.7	29.0	19.4	2.0	-91.1	-15.0	16.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2695	ok	0.0	0.3	3.95e-03	12.7	12.7	12.7	12.7	-12.8	37.6	-3.3	-49.8	-15.5	12.9
2696	ok	0.0	0.2	4.02e-03	12.7	12.7	12.7	12.7	11.0	-29.0	-29.8	-26.5	24.8	4.07e-03
2697	ok	0.0	0.3	4.06e-03	12.7	12.7	12.7	12.7	4.7	21.8	30.0	56.6	25.5	9.5
2698	ok	0.0	0.5	4.55e-03	12.7	12.7	12.7	12.7	4.2	27.3	29.2	107.7	27.6	13.0
2699	ok	0.0	0.3	4.17e-03	12.7	12.7	12.7	12.7	-12.9	38.0	-3.4	-45.4	-18.8	17.2
2700	ok	0.0	0.2	4.24e-03	12.7	12.7	12.7	12.7	11.7	1.0	24.7	12.3	34.7	11.0
2701	ok	0.0	0.3	4.34e-03	12.7	12.7	12.7	12.7	10.5	1.3	19.0	63.6	56.1	4.2
2702	ok	0.0	0.8	5.20e-03	12.7	12.7	12.7	12.7	2.5	69.8	8.8	117.9	137.4	40.7
2703	ok	0.0	0.6	3.66e-03	12.7	12.7	12.7	12.7	27.0	18.9	5.1	-126.7	-31.1	5.3
2704	ok	0.0	0.6	3.79e-03	12.7	12.7	12.7	12.7	27.9	19.7	4.9	-126.6	-40.3	8.5
2705	ok	0.0	0.5	3.74e-03	12.7	12.7	12.7	12.7	27.2	18.8	4.2	-122.8	-25.4	7.1
2706	ok	0.0	0.5	3.82e-03	12.7	12.7	12.7	12.7	27.5	18.7	3.3	-111.2	-17.4	9.3
2707	ok	0.0	0.5	3.91e-03	12.7	12.7	12.7	12.7	28.2	19.7	4.0	-122.1	-34.7	11.2
2708	ok	0.0	0.5	4.01e-03	12.7	12.7	12.7	12.7	28.5	19.6	3.0	-110.6	-26.3	14.0
2709	ok	0.0	0.2	3.12e-03	12.7	12.7	12.7	12.7	27.9	12.6	15.0	-36.9	-15.4	22.9
2710	ok	0.0	0.3	3.46e-03	12.7	12.7	12.7	12.7	32.9	13.8	14.6	-45.7	-14.4	19.4
2711	ok	0.0	0.3	3.23e-03	12.7	12.7	12.7	12.7	-20.2	-6.0	1.6	-55.7	-20.7	23.0
2712	ok	0.0	0.4	3.31e-03	12.7	12.7	12.7	12.7	25.8	18.6	8.2	-78.8	-27.5	15.1
2713	ok	0.0	0.4	3.38e-03	12.7	12.7	12.7	12.7	26.1	18.8	7.6	-97.8	-33.0	9.1
2714	ok	0.0	0.5	3.44e-03	12.7	12.7	12.7	12.7	26.4	18.9	6.9	-112.6	-35.4	5.6
2715	ok	0.0	0.6	3.59e-03	12.7	12.7	12.7	12.7	26.8	18.9	5.7	-125.6	-33.7	4.7
2716	ok	0.0	0.3	3.53e-03	12.7	12.7	12.7	12.7	-21.2	-5.2	1.4	-64.0	-17.7	17.2
2717	ok	0.0	0.4	3.58e-03	12.7	12.7	12.7	12.7	-20.8	-4.8	0.8	-84.9	-30.9	11.2
2718	ok	0.0	0.5	3.62e-03	12.7	12.7	12.7	12.7	27.0	19.4	7.3	-102.8	-38.2	7.6
2719	ok	0.0	0.5	3.68e-03	12.7	12.7	12.7	12.7	27.3	19.6	6.6	-115.6	-42.7	6.0
2720	ok	0.0	0.6	3.73e-03	12.7	12.7	12.7	12.7	27.7	19.7	5.5	-126.1	-42.6	7.1
2721	ok	0.0	0.2	3.07e-03	12.7	12.7	12.7	12.7	-17.3	-18.7	-18.7	17.8	18.0	33.1
2722	ok	0.0	0.3	3.37e-03	12.7	12.7	12.7	12.7	-23.1	-17.0	-18.8	31.7	51.1	31.4
2723	ok	0.0	0.4	2.95e-03	12.7	12.7	12.7	12.7	-8.2	13.8	17.8	40.4	76.7	7.7
2724	ok	0.0	0.8	3.28e-03	12.7	12.7	12.7	12.7	-2.8	13.5	26.8	96.6	187.2	13.9
2725	ok	0.0	0.3	3.17e-03	12.7	12.7	12.7	12.7	-21.4	-13.2	-4.7	34.1	34.1	18.5
2726	ok	0.0	0.6	5.22e-03	12.7	12.7	12.7	12.7	-52.0	-24.3	-20.8	96.8	62.7	13.1
2727	ok	0.0	0.4	2.89e-03	12.7	12.7	12.7	12.7	28.1	15.8	7.1	12.4	76.8	36.5
2728	ok	0.0	0.4	3.26e-03	12.7	12.7	12.7	12.7	29.4	15.8	7.2	8.8	91.7	24.7
2729	ok	0.0	0.3	2.89e-03	12.7	12.7	12.7	12.7	27.9	15.8	6.9	0.6	61.8	29.8
2730	ok	0.0	0.3	2.83e-03	12.7	12.7	12.7	12.7	-12.9	-13.6	-16.1	-21.9	37.4	19.1
2731	ok	0.0	0.2	2.91e-03	12.7	12.7	12.7	12.7	19.9	14.7	26.7	28.8	44.1	10.2
2732	ok	0.0	0.4	3.20e-03	12.7	12.7	12.7	12.7	29.4	15.9	7.0	-3.7	74.7	20.3
2733	ok	0.0	0.3	3.13e-03	12.7	12.7	12.7	12.7	27.8	22.9	24.3	32.2	54.5	8.1
2734	ok	0.0	0.6	2.88e-03	12.7	12.7	12.7	12.7	3.0	20.2	14.5	12.8	122.9	11.8
2735	ok	0.0	0.6	2.84e-03	12.7	12.7	12.7	12.7	28.2	15.7	6.9	59.0	105.9	48.7
2736	ok	0.0	0.6	3.39e-03	12.7	12.7	12.7	12.7	-17.7	-6.9	1.3	57.5	133.5	33.7
2737	ok	0.0	0.5	2.87e-03	12.7	12.7	12.7	12.7	28.2	15.7	7.1	30.8	90.9	42.1
2738	ok	0.0	0.5	3.32e-03	12.7	12.7	12.7	12.7	29.5	15.6	7.2	27.3	111.0	28.4
2739	ok	0.0	0.7	2.79e-03	12.7	12.7	12.7	12.7	-16.9	-6.9	1.6	93.9	115.7	54.4
2740	ok	0.0	0.8	3.46e-03	12.7	12.7	12.7	12.7	-18.1	-6.8	1.4	91.6	160.8	39.7
2741	ok	0.0	0.8	2.72e-03	12.7	12.7	12.7	12.7	27.9	15.8	6.4	137.4	131.8	61.0
2742	ok	0.0	0.9	3.43e-03	12.7	12.7	12.7	13.6	-18.7	-6.6	1.6	137.6	198.1	49.1
2743	ok	0.0	0.9	2.67e-03	12.7	15.3	12.7	12.7	27.2	15.7	6.3	223.8	128.6	54.1
2744	ok	0.0	1.0	4.76e-03	12.7	18.1	12.7	17.3	29.7	15.8	5.3	251.7	236.4	75.1
2745	ok	0.0	0.9	2.55e-03	12.7	15.4	12.7	12.7	26.2	14.1	4.8	233.0	124.0	-46.9
2746	ok	0.0	1.0	2.53e-03	12.7	18.0	12.7	16.6	24.8	13.7	3.0	264.3	238.3	-62.8
2747	ok	0.0	1.0	3.41e-03	12.7	15.3	12.7	12.7	26.8	14.7	5.9	271.1	125.2	6.4
2748	ok	0.0	1.0	6.00e-03	12.7	23.4	12.7	15.0	25.4	14.1	5.2	400.0	235.5	21.0
2749	ok	0.0	0.6	2.37e-03	12.7	12.7	12.7	12.7	24.8	15.5	4.0	83.2	98.5	-36.5
2750	ok	0.0	0.6	2.40e-03	12.7	12.7	12.7	12.7	25.3	15.2	4.3	75.5	137.8	-18.4
2751	ok	0.0	0.8	2.38e-03	12.7	12.7	12.7	12.7	24.9	15.1	4.2	144.3	122.3	-51.6
2752	ok	0.0	0.9	2.29e-03	12.7	12.7	12.7	12.7	24.3	15.5	4.4	135.5	192.5	-35.1
2753	ok	0.0	0.2	2.59e-03	12.7	12.7	12.7	12.7	-6.1	-8.3	-8.1	28.0	51.3	9.1
2754	ok	0.0	0.3	2.81e-03	12.7	12.7	12.7	12.7	-15.2	-7.3	-15.8	36.9	67.5	20.5
2755	ok	0.0	0.3	2.45e-03	12.7	12.7	12.7	12.7	-8.1	-6.7	-12.7	35.2	51.3	2.4
2756	ok	0.0	0.4	2.40e-03	12.7	12.7	12.7	12.7	24.6	15.5	3.5	46.6	75.3	-23.1
2757	ok	0.0	0.4	2.65e-03	12.7	12.7	12.7	12.7	-10.5	-7.3	-12.9	24.9	67.1	10.8
2758	ok	0.0	0.5	2.51e-03	12.7	12.7	12.7	12.7	25.7	15.1	3.8	38.1	101.8	-8.3
2759	ok	0.0	0.4	3.30e-03	12.7	12.7	12.7	12.7	5.7	-2.1	4.7	52.0	94.8	15.6
2760	ok	0.0	1.0	4.83e-03	12.7	14.3	21.3	23.4	10.8	6.9	4.9	54.5	-231.7	106.6
2761	ok	0.0	0.3	3.49e-03	12.7	12.7	12.7	12.7	6.1	1.0	5.9	34.1	73.8	10.6
2762	ok	0.0	0.5	3.87e-03	12.7	12.7	12.7	12.7	-13.0	-0.8	-15.7	43.6	71.0	34.3
2763	ok	0.0	0.3	2.09e-03	12.7	12.7	12.7	12.7	7.0	-5.2	4.5	27.3	51.5	6.7
2764	ok	0.0	0.8	2.26e-03	12.7	12.7	12.7	12.7	16.9	-3.0	6.7	54.4	102.1	32.0
2765	ok	0.0	0.2	1.86e-03	12.7	12.7	12.7	12.7	-1.5	8.2	-2.3	-22.3	-33.7	8.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2766	ok	0.0	0.3	1.63e-03	12.7	12.7	12.7	12.7	17.2	2.2	6.6	20.0	58.3	21.4
2767	ok	0.0	0.4	1.77e-03	12.7	12.7	12.7	12.7	-10.2	-2.9	0.9	-92.6	-24.7	16.2
2768	ok	0.0	0.4	1.74e-03	12.7	12.7	12.7	12.7	-10.1	-3.5	0.2	-93.7	-10.2	21.1
2769	ok	0.0	0.3	1.77e-03	12.7	12.7	12.7	12.7	-9.7	-3.4	1.7	-68.1	-14.8	11.4
2770	ok	0.0	0.3	1.65e-03	12.7	12.7	12.7	12.7	9.9	-0.6	-2.51e-02	-57.1	24.2	18.5
2771	ok	0.0	0.5	1.96e-03	12.7	12.7	12.7	12.7	18.7	18.0	-5.5	-119.0	-37.7	23.1
2772	ok	0.0	0.5	2.08e-03	12.7	12.7	12.7	12.7	19.9	17.4	-5.3	-117.1	-25.7	22.8
2773	ok	0.0	0.5	1.90e-03	12.7	12.7	12.7	12.7	18.7	17.6	-4.9	-120.3	-37.0	21.8
2774	ok	0.0	0.5	1.85e-03	12.7	12.7	12.7	12.7	-11.2	-1.8	0.1	-114.3	-36.0	21.9
2775	ok	0.0	0.5	1.80e-03	12.7	12.7	12.7	12.7	-10.7	-2.4	0.4	-106.5	-31.4	19.4
2776	ok	0.0	0.5	1.99e-03	12.7	12.7	12.7	12.7	19.6	17.1	-4.7	-119.0	-25.5	23.0
2777	ok	0.0	0.5	1.90e-03	12.7	12.7	12.7	12.7	-11.7	-2.0	-0.5	-113.7	-24.4	24.0
2778	ok	0.0	0.5	1.82e-03	12.7	12.7	12.7	12.7	-11.0	-2.8	-0.2	-106.7	-19.1	23.0
2779	ok	0.0	0.5	2.08e-03	12.7	12.7	12.7	12.7	18.9	18.5	-6.5	-104.9	-33.5	24.9
2780	ok	0.0	0.5	2.28e-03	12.7	12.7	12.7	12.7	20.6	17.8	-6.2	-102.7	-18.1	22.0
2781	ok	0.0	0.4	2.36e-03	12.7	12.7	12.7	12.7	7.9	1.9	7.6	-62.7	-41.0	19.4
2782	ok	0.0	0.4	2.85e-03	12.7	12.7	12.7	12.7	14.5	2.4	8.4	-94.6	-18.9	27.8
2783	ok	0.0	0.4	2.17e-03	12.7	12.7	12.7	12.7	19.0	18.7	-7.3	-87.8	-27.3	26.6
2784	ok	0.0	0.4	2.49e-03	12.7	12.7	12.7	12.7	21.3	18.2	-6.8	-85.5	-8.2	21.9
2785	ok	0.0	0.3	3.89e-03	12.7	12.7	12.7	12.7	7.5	0.5	5.9	-38.6	-43.9	21.5
2786	ok	0.0	0.6	4.47e-03	12.7	12.7	12.7	12.7	-9.5	17.7	-12.4	66.9	90.2	-6.7
2787	ok	0.0	0.4	3.75e-03	12.7	12.7	12.7	12.7	6.2	5.4	-6.0	50.1	84.2	6.2
2788	ok	0.0	1.0	6.44e-03	12.7	15.5	25.6	25.5	1.6	17.5	-7.7	70.4	350.7	-69.0
2789	ok	0.0	0.2	1.32e-03	12.7	12.7	12.7	12.7	-2.1	8.2	2.1	9.5	-36.6	-15.3
2790	ok	0.0	0.3	1.41e-03	12.7	12.7	12.7	12.7	3.6	27.5	-22.8	15.6	56.5	-13.3
2791	ok	0.0	0.3	1.76e-03	12.7	12.7	12.7	12.7	6.6	6.1	-7.7	33.8	42.7	-16.6
2792	ok	0.0	0.6	2.63e-03	12.7	12.7	12.7	12.7	13.0	10.3	-33.7	112.3	126.8	32.9
2793	ok	0.0	0.1	1.24e-03	12.7	12.7	12.7	12.7	-2.4	3.1	1.7	9.2	-23.3	-11.9
2794	ok	0.0	0.2	1.05e-03	12.7	12.7	12.7	12.7	8.9	-1.4	1.2	-12.4	33.4	-13.4
2795	ok	0.0	0.1	1.23e-03	12.7	12.7	12.7	12.7	-2.1	3.4	1.5	7.2	-28.2	-14.0
2796	ok	0.0	0.2	9.36e-04	12.7	12.7	12.7	12.7	7.1	-1.0	1.6	-9.4	40.6	-16.2
2797	ok	0.0	0.1	1.39e-03	12.7	12.7	12.7	12.7	-5.5	20.2	-5.8	32.5	19.6	4.8
2798	ok	0.0	0.2	1.46e-03	12.7	12.7	12.7	12.7	-10.2	21.5	-6.3	36.3	37.4	-2.09e-02
2799	ok	0.0	0.3	1.76e-03	12.7	12.7	12.7	12.7	-4.6	22.3	-5.9	54.9	38.0	4.2
2800	ok	0.0	0.4	1.95e-03	12.7	12.7	12.7	12.7	-20.9	-0.6	6.5	75.9	75.5	-3.2
2801	ok	0.0	0.4	1.72e-03	12.7	12.7	12.7	12.7	19.9	20.5	-8.9	82.5	42.7	1.4
2802	ok	0.0	0.7	5.52e-03	12.7	12.7	12.7	12.7	-53.9	-2.1	27.4	172.6	135.0	-6.6
2803	ok	0.0	0.6	2.62e-03	12.7	12.7	12.7	12.7	22.8	24.8	-20.8	107.7	48.1	-45.6
2804	ok	0.0	0.9	7.65e-03	12.7	17.7	12.7	14.2	-13.5	8.2	5.2	241.1	84.4	-38.7
2805	ok	0.0	0.7	3.40e-03	12.7	12.7	12.7	12.7	16.8	35.2	-32.2	74.7	70.1	-79.4
2806	ok	0.0	1.0	4.88e-03	12.7	14.8	12.7	12.7	-20.5	6.4	-50.8	202.8	134.1	-60.2
2807	ok	0.0	0.7	4.23e-03	12.7	12.7	12.7	12.7	20.8	48.2	-32.4	57.7	79.5	-81.0
2808	ok	0.0	0.9	5.46e-03	12.7	12.7	12.7	12.7	43.6	54.2	-32.8	87.8	94.8	-109.8
2809	ok	0.0	0.5	3.58e-04	12.7	12.7	12.7	12.7	-0.1	5.2	-6.3	-3.9	-107.9	15.3
2810	ok	0.0	0.6	5.22e-04	12.7	12.7	12.7	12.7	0.5	12.3	-2.4	7.2	-146.3	4.3
2811	ok	0.0	1.0	2.32e-03	15.0	18.9	12.7	14.3	-5.8	-10.0	-5.8	269.1	149.4	71.4
2812	ok	0.0	0.7	2.97e-03	12.7	12.7	12.7	12.7	22.1	11.6	0.6	145.6	73.4	28.9
2813	ok	0.0	1.0	4.37e-03	22.6	45.6	36.6	48.4	-44.0	-20.4	17.7	511.9	440.4	-297.1
2814	ok	0.0	1.0	3.97e-03	12.7	12.7	22.6	23.5	2.5	-12.8	10.9	92.3	317.0	113.8
2815	ok	0.0	1.0	3.85e-03	15.6	25.0	12.7	18.3	-15.6	-10.8	-2.0	229.7	141.6	192.6
2816	ok	0.0	0.9	4.65e-03	12.7	12.7	12.7	12.7	1.3	-14.5	-1.1	103.1	63.4	-17.0
2817	ok	0.0	0.2	3.22e-03	12.7	12.7	12.7	12.7	19.0	-24.3	-12.4	-34.4	-11.6	-4.8
2818	ok	0.0	0.2	3.21e-03	12.7	12.7	12.7	12.7	12.7	-18.4	-22.8	-31.4	-21.2	4.6
2819	ok	0.0	0.4	3.67e-03	12.7	12.7	12.7	12.7	-11.1	-7.0	4.0	87.7	50.4	17.5
2820	ok	0.0	0.3	3.25e-03	12.7	12.7	12.7	12.7	-13.7	19.6	4.4	58.9	25.8	24.6
2821	ok	0.0	0.3	3.02e-03	12.7	12.7	12.7	12.7	23.5	8.2	-1.0	-72.6	-13.2	-2.1
2822	ok	0.0	0.3	3.22e-03	12.7	12.7	12.7	12.7	24.7	8.6	-1.8	-72.3	-20.4	-3.9
2823	ok	0.0	0.3	2.99e-03	12.7	12.7	12.7	12.7	24.5	7.3	-1.6	-74.2	-15.8	-0.6
2824	ok	0.0	0.3	3.05e-03	12.7	12.7	12.7	12.7	9.7	20.0	-19.4	-58.1	-22.4	7.4
2825	ok	0.0	0.3	3.12e-03	12.7	12.7	12.7	12.7	18.4	12.0	-12.1	-54.5	-18.1	-6.7
2826	ok	0.0	0.3	3.12e-03	12.7	12.7	12.7	12.7	25.7	7.7	-2.3	-73.5	-22.4	-1.3
2827	ok	0.0	0.3	3.08e-03	12.7	12.7	12.7	12.7	18.8	-26.0	-13.0	-59.0	-23.4	-7.6
2828	ok	0.0	0.3	3.14e-03	12.7	12.7	12.7	12.7	12.3	22.0	-22.3	-52.7	-28.4	1.8
2829	ok	0.0	0.2	3.88e-03	12.7	12.7	12.7	12.7	15.9	-10.3	12.6	-16.2	25.0	-7.9
2830	ok	0.0	0.2	3.88e-03	12.7	12.7	12.7	12.7	-18.9	41.8	17.2	-32.1	-21.1	1.1
2831	ok	0.0	0.2	3.11e-03	12.7	12.7	12.7	12.7	-18.9	37.4	-6.5	-43.4	-16.0	2.6
2832	ok	0.0	0.3	3.08e-03	12.7	12.7	12.7	12.7	22.6	9.1	-0.5	-62.7	-7.4	-3.3
2833	ok	0.0	0.2	3.30e-03	12.7	12.7	12.7	12.7	-13.1	39.2	-7.4	-44.0	-20.4	1.9
2834	ok	0.0	0.3	3.27e-03	12.7	12.7	12.7	12.7	23.7	9.6	-1.2	-63.0	-15.6	-5.9
2835	ok	0.0	0.2	3.95e-03	12.7	12.7	12.7	12.7	14.9	-35.8	-22.0	36.7	42.3	-11.5
2836	ok	0.0	0.2	4.15e-03	12.7	12.7	12.7	12.7	15.1	-38.2	-22.9	32.7	30.6	-9.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2837	ok	0.0	0.7	3.95e-03	12.7	12.7	12.7	12.7	22.4	13.2	0.9	152.6	18.3	23.4
2838	ok	0.0	0.6	3.96e-03	12.7	12.7	12.7	12.7	23.5	11.4	2.8	139.4	6.4	29.3
2839	ok	0.0	0.5	4.16e-03	12.7	12.7	12.7	12.7	15.1	-40.8	-22.5	114.0	45.6	-4.2
2840	ok	0.0	0.4	4.00e-03	12.7	12.7	12.7	12.7	15.0	-38.0	-23.2	77.9	52.1	-9.7
2841	ok	0.0	0.5	4.06e-03	12.7	12.7	12.7	12.7	35.0	18.4	6.1	103.1	11.4	18.0
2842	ok	0.0	0.3	4.18e-03	12.7	12.7	12.7	12.7	14.8	-38.6	-22.7	67.3	27.8	-4.4
2843	ok	0.0	0.7	3.92e-03	12.7	12.7	12.7	12.7	-19.0	-6.3	-4.0	142.0	21.4	36.2
2844	ok	0.0	0.6	4.07e-03	12.7	12.7	12.7	12.7	25.7	11.4	0.4	140.1	6.8	30.1
2845	ok	0.0	0.4	3.55e-03	12.7	12.7	12.7	12.7	25.8	16.7	2.5	-92.4	5.5	4.9
2846	ok	0.0	0.4	3.71e-03	12.7	12.7	12.7	12.7	26.8	17.7	2.5	-91.3	-1.5	7.6
2847	ok	0.0	0.3	3.60e-03	12.7	12.7	12.7	12.7	25.9	16.4	1.3	-62.6	14.3	8.7
2848	ok	0.0	0.2	3.66e-03	12.7	12.7	12.7	12.7	11.7	-27.0	-27.4	-29.5	30.6	3.5
2849	ok	0.0	0.3	3.76e-03	12.7	12.7	12.7	12.7	10.1	2.4	18.7	47.2	31.8	23.4
2850	ok	0.0	0.5	3.87e-03	12.7	12.7	12.7	12.7	-19.9	-5.9	-4.1	95.4	26.6	34.3
2851	ok	0.0	0.3	3.76e-03	12.7	12.7	12.7	12.7	27.0	17.5	1.6	-60.5	8.8	9.7
2852	ok	0.0	0.2	3.82e-03	12.7	12.7	12.7	12.7	10.9	-28.2	-28.7	-26.8	26.0	2.1
2853	ok	0.0	0.3	3.94e-03	12.7	12.7	12.7	12.7	11.0	2.0	19.5	52.3	23.8	16.8
2854	ok	0.0	0.5	4.13e-03	12.7	12.7	12.7	12.7	11.0	2.3	19.2	93.9	20.1	22.0
2855	ok	0.0	0.6	3.38e-03	12.7	12.7	12.7	12.7	25.4	17.5	5.5	-125.7	-15.8	-1.1
2856	ok	0.0	0.6	3.52e-03	12.7	12.7	12.7	12.7	26.2	18.2	5.3	-126.3	-23.2	2.2
2857	ok	0.0	0.5	3.43e-03	12.7	12.7	12.7	12.7	25.6	17.3	4.6	-123.5	-10.7	0.2
2858	ok	0.0	0.5	3.49e-03	12.7	12.7	12.7	12.7	25.8	17.1	3.7	-112.8	-4.0	2.2
2859	ok	0.0	0.5	3.58e-03	12.7	12.7	12.7	12.7	26.4	18.1	4.4	-123.2	-17.6	3.5
2860	ok	0.0	0.5	3.65e-03	12.7	12.7	12.7	12.7	26.6	17.9	3.5	-111.8	-10.2	5.5
2861	ok	0.0	0.2	2.80e-03	12.7	12.7	12.7	12.7	-18.0	-7.8	1.4	-15.3	-20.3	33.9
2862	ok	0.0	0.2	2.94e-03	12.7	12.7	12.7	12.7	-18.8	-7.4	1.9	-23.4	-18.0	33.7
2863	ok	0.0	0.2	2.88e-03	12.7	12.7	12.7	12.7	24.7	17.1	9.0	-36.3	-22.0	24.7
2864	ok	0.0	0.3	2.95e-03	12.7	12.7	12.7	12.7	24.6	17.6	8.6	-60.9	-23.1	13.8
2865	ok	0.0	0.4	3.07e-03	12.7	12.7	12.7	12.7	24.8	17.7	8.0	-84.4	-23.0	5.8
2866	ok	0.0	0.5	3.18e-03	12.7	12.7	12.7	12.7	24.9	17.7	7.3	-104.0	-21.9	0.9
2867	ok	0.0	0.5	3.34e-03	12.7	12.7	12.7	12.7	25.3	17.6	6.1	-122.6	-18.2	-1.7
2868	ok	0.0	0.3	3.02e-03	12.7	12.7	12.7	12.7	-19.3	-6.6	1.3	-46.6	-23.2	24.4
2869	ok	0.0	0.3	3.11e-03	12.7	12.7	12.7	12.7	25.2	18.1	8.5	-70.5	-26.1	15.7
2870	ok	0.0	0.4	3.18e-03	12.7	12.7	12.7	12.7	25.4	18.3	7.8	-91.6	-28.5	8.4
2871	ok	0.0	0.5	3.28e-03	12.7	12.7	12.7	12.7	25.6	18.3	7.1	-108.7	-28.8	3.9
2872	ok	0.0	0.5	3.46e-03	12.7	12.7	12.7	12.7	26.0	18.2	5.9	-124.3	-25.9	1.8
2873	ok	0.0	0.2	2.77e-03	12.7	12.7	12.7	12.7	-17.6	-8.1	1.6	-4.4	-17.3	39.5
2874	ok	0.0	0.2	2.91e-03	12.7	12.7	12.7	12.7	25.5	12.5	14.9	-17.3	-19.1	28.0
2875	ok	0.0	0.2	2.71e-03	12.7	12.7	12.7	12.7	26.6	13.4	7.4	12.1	-2.7	44.8
2876	ok	0.0	0.2	2.84e-03	12.7	12.7	12.7	12.7	42.5	18.5	9.7	17.1	6.8	35.0
2877	ok	0.0	0.2	2.75e-03	12.7	12.7	12.7	12.7	26.1	14.0	8.4	9.6	-10.5	44.5
2878	ok	0.0	0.2	2.90e-03	12.7	12.7	12.7	12.7	26.8	12.9	9.2	10.8	-6.1	40.2
2879	ok	0.0	0.3	2.59e-03	12.7	12.7	12.7	12.7	26.2	15.6	7.0	15.9	38.9	47.9
2880	ok	0.0	0.4	2.65e-03	12.7	12.7	12.7	12.7	27.1	15.7	7.0	15.3	57.8	44.0
2881	ok	0.0	0.3	2.61e-03	12.7	12.7	12.7	12.7	26.3	15.2	6.8	5.2	31.5	45.4
2882	ok	0.0	0.3	2.64e-03	12.7	12.7	12.7	12.7	26.5	14.6	6.6	3.6	21.6	43.5
2883	ok	0.0	0.3	2.67e-03	12.7	12.7	12.7	12.7	40.9	20.4	8.0	10.1	9.9	41.3
2884	ok	0.0	0.3	2.66e-03	12.7	12.7	12.7	12.7	27.0	15.5	6.8	4.0	46.1	38.5
2885	ok	0.0	0.3	2.70e-03	12.7	12.7	12.7	12.7	41.4	21.7	7.7	4.9	34.0	31.7
2886	ok	0.0	0.2	2.71e-03	12.7	12.7	12.7	12.7	42.1	19.7	7.8	12.5	19.9	30.7
2887	ok	0.0	0.4	2.55e-03	12.7	12.7	12.7	12.7	26.0	15.8	7.0	55.0	43.8	50.1
2888	ok	0.0	0.5	2.63e-03	12.7	12.7	12.7	12.7	27.0	15.8	6.9	59.3	73.1	52.6
2889	ok	0.0	0.4	2.57e-03	12.7	12.7	12.7	12.7	26.1	15.7	7.0	32.1	42.4	49.9
2890	ok	0.0	0.4	2.64e-03	12.7	12.7	12.7	12.7	27.0	15.8	7.0	33.1	65.8	48.7
2891	ok	0.0	0.5	2.54e-03	12.7	12.7	12.7	12.7	25.9	15.9	7.1	78.9	42.7	48.1
2892	ok	0.0	0.6	2.62e-03	12.7	12.7	12.7	12.7	26.9	15.9	6.8	88.2	77.1	54.5
2893	ok	0.0	0.6	2.52e-03	12.7	12.7	12.7	12.7	25.7	16.0	7.0	107.2	39.0	42.5
2894	ok	0.0	0.7	2.60e-03	12.7	12.7	12.7	12.7	26.6	15.9	6.8	125.4	77.6	53.3
2895	ok	0.0	0.6	2.50e-03	12.7	12.7	12.7	12.7	25.4	15.9	6.9	142.8	31.0	25.5
2896	ok	0.0	0.8	2.58e-03	12.7	12.7	12.7	12.7	26.3	15.7	6.7	177.5	71.4	37.6
2897	ok	0.0	0.7	2.40e-03	12.7	12.7	12.7	12.7	24.6	15.5	5.8	153.1	23.4	-30.7
2898	ok	0.0	0.8	2.48e-03	12.7	12.7	12.7	12.7	25.4	15.1	5.5	187.4	64.3	-35.3
2899	ok	0.0	0.7	2.46e-03	12.7	12.7	12.7	12.7	25.0	15.4	6.5	161.3	25.4	-4.5
2900	ok	0.0	0.9	2.55e-03	12.7	12.7	12.7	12.7	25.9	15.3	6.3	206.7	64.5	1.8
2901	ok	0.0	0.5	2.25e-03	12.7	12.7	12.7	12.7	23.3	16.2	4.5	89.1	20.2	-44.2
2902	ok	0.0	0.5	2.32e-03	12.7	12.7	12.7	12.7	24.0	15.8	4.1	87.9	56.4	-43.1
2903	ok	0.0	0.6	2.32e-03	12.7	12.7	12.7	12.7	23.9	15.8	5.1	123.3	23.5	-44.8
2904	ok	0.0	0.7	2.38e-03	12.7	12.7	12.7	12.7	24.7	15.4	4.7	137.2	64.4	-49.0
2905	ok	0.0	0.1	2.13e-03	12.7	12.7	12.7	12.7	-12.7	-6.3	2.4	27.8	-11.8	-7.3
2906	ok	0.0	0.2	2.32e-03	12.7	12.7	12.7	12.7	-3.3	-8.5	-7.3	29.4	34.2	3.9
2907	ok	0.0	0.2	2.16e-03	12.7	12.7	12.7	12.7	22.4	16.6	3.3	39.9	3.9	-23.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2908	ok	0.0	0.4	2.20e-03	12.7	12.7	12.7	12.7	22.9	16.5	3.9	61.5	13.1	-35.3
2909	ok	0.0	0.2	2.30e-03	12.7	12.7	12.7	12.7	23.4	16.0	3.0	30.8	30.6	-17.6
2910	ok	0.0	0.4	2.30e-03	12.7	12.7	12.7	12.7	23.7	16.0	3.6	54.7	44.0	-31.3
2911	ok	0.0	0.2	2.00e-03	12.7	12.7	12.7	12.7	1.0	8.3	-2.8	-13.1	-47.9	9.7
2912	ok	0.0	0.2	2.20e-03	12.7	12.7	12.7	12.7	-4.73e-02	8.5	-2.2	-12.0	-44.2	15.4
2913	ok	0.0	0.2	2.07e-03	12.7	12.7	12.7	12.7	-12.3	-5.7	2.0	14.0	-26.0	6.8
2914	ok	0.0	0.2	2.31e-03	12.7	12.7	12.7	12.7	6.0	-2.3	5.2	28.5	39.2	11.5
2915	ok	0.0	0.3	1.94e-03	12.7	12.7	12.7	12.7	8.22e-02	8.4	-2.0	-24.4	-53.7	12.4
2916	ok	0.0	0.3	2.03e-03	12.7	12.7	12.7	12.7	-7.61e-02	8.6	-2.7	-24.3	-55.4	13.3
2917	ok	0.0	0.3	1.89e-03	12.7	12.7	12.7	12.7	-0.4	8.5	-1.6	-32.8	-55.8	12.7
2918	ok	0.0	0.2	1.92e-03	12.7	12.7	12.7	12.7	-0.7	8.7	-2.1	-30.9	-52.6	11.0
2919	ok	0.0	0.4	1.77e-03	12.7	12.7	12.7	12.7	-10.4	-2.1	1.2	-90.8	-53.2	13.3
2920	ok	0.0	0.4	1.79e-03	12.7	12.7	12.7	12.7	-10.4	-2.5	1.2	-91.6	-39.5	14.0
2921	ok	0.0	0.3	1.83e-03	12.7	12.7	12.7	12.7	-10.6	-2.5	1.6	-68.1	-49.3	10.3
2922	ok	0.0	0.3	1.83e-03	12.7	12.7	12.7	12.7	-10.3	-2.8	1.7	-67.8	-33.5	9.9
2923	ok	0.0	0.6	1.71e-03	12.7	12.7	12.7	12.7	16.6	19.1	-5.2	-120.5	-63.9	20.9
2924	ok	0.0	0.5	1.84e-03	12.7	12.7	12.7	12.7	17.6	18.5	-5.4	-119.8	-50.6	22.5
2925	ok	0.0	0.5	1.72e-03	12.7	12.7	12.7	12.7	17.0	18.6	-4.6	-120.9	-61.5	19.0
2926	ok	0.0	0.5	1.73e-03	12.7	12.7	12.7	12.7	-10.3	-1.4	0.6	-113.9	-59.9	18.7
2927	ok	0.0	0.5	1.75e-03	12.7	12.7	12.7	12.7	-10.3	-1.8	0.9	-105.1	-56.6	16.2
2928	ok	0.0	0.5	1.81e-03	12.7	12.7	12.7	12.7	17.8	18.1	-4.8	-120.8	-49.2	20.5
2929	ok	0.0	0.5	1.79e-03	12.7	12.7	12.7	12.7	-10.8	-1.6	0.5	-114.2	-48.0	20.2
2930	ok	0.0	0.5	1.78e-03	12.7	12.7	12.7	12.7	-10.5	-2.1	0.8	-105.8	-44.3	17.3
2931	ok	0.0	0.5	1.68e-03	12.7	12.7	12.7	12.7	15.9	19.7	-6.1	-108.3	-66.4	23.3
2932	ok	0.0	0.5	1.87e-03	12.7	12.7	12.7	12.7	17.3	19.2	-6.4	-106.5	-50.0	25.2
2933	ok	0.0	0.4	1.60e-03	12.7	12.7	12.7	12.7	14.4	20.2	-7.1	-73.5	-69.9	22.7
2934	ok	0.0	0.4	1.95e-03	12.7	12.7	12.7	12.7	6.7	1.9	7.7	-67.8	-61.4	16.8
2935	ok	0.0	0.5	1.65e-03	12.7	12.7	12.7	12.7	15.3	20.1	-6.6	-93.4	-68.0	23.8
2936	ok	0.0	0.5	1.89e-03	12.7	12.7	12.7	12.7	16.9	19.5	-7.2	-90.0	-48.2	26.6
2937	ok	0.0	0.4	1.52e-03	12.7	12.7	12.7	12.7	13.4	20.1	-7.6	-49.1	-72.6	17.6
2938	ok	0.0	0.3	1.96e-03	12.7	12.7	12.7	12.7	6.1	0.2	7.6	-47.3	-66.8	16.7
2939	ok	0.0	0.3	1.40e-03	12.7	12.7	12.7	12.7	5.3	0.7	6.2	-35.4	-76.9	5.1
2940	ok	0.0	0.3	1.78e-03	12.7	12.7	12.7	12.7	6.1	-0.1	5.6	-26.5	-65.6	7.7
2941	ok	0.0	0.3	1.26e-03	12.7	12.7	12.7	12.7	4.9	-0.1	4.4	-17.2	-76.2	-5.9
2942	ok	0.0	0.3	1.35e-03	12.7	12.7	12.7	12.7	-2.9	8.1	2.4	-7.4	-64.2	-8.0
2943	ok	0.0	0.3	1.32e-03	12.7	12.7	12.7	12.7	5.3	0.2	4.9	-25.7	-77.6	-0.9
2944	ok	0.0	0.3	1.48e-03	12.7	12.7	12.7	12.7	-2.2	9.4	2.6	-5.7	-72.0	-2.5
2945	ok	0.0	0.3	1.18e-03	12.7	12.7	12.7	12.7	3.8	-1.4	3.4	-7.9	-66.4	-11.2
2946	ok	0.0	0.2	1.27e-03	12.7	12.7	12.7	12.7	4.0	-1.9	2.4	-6.7	-46.0	-12.4
2947	ok	0.0	0.3	1.22e-03	12.7	12.7	12.7	12.7	4.3	-1.9	4.0	-10.0	-72.4	-9.3
2948	ok	0.0	0.2	1.29e-03	12.7	12.7	12.7	12.7	4.2	-2.3	3.3	-6.0	-48.8	-14.0
2949	ok	0.0	0.3	1.10e-03	12.7	12.7	12.7	12.7	-7.5	3.3	0.5	17.4	-68.5	-7.2
2950	ok	0.0	0.2	1.27e-03	12.7	12.7	12.7	12.7	-2.9	3.7	1.0	20.9	-44.9	-5.7
2951	ok	0.0	0.3	9.59e-04	12.7	12.7	12.7	12.7	-7.1	3.6	0.6	31.6	-71.2	-8.8
2952	ok	0.0	0.2	1.25e-03	12.7	12.7	12.7	12.7	-4.1	3.8	0.6	40.1	-46.5	-5.5
2953	ok	0.0	0.3	1.06e-03	12.7	12.7	12.7	12.7	-3.1	7.6	1.7	51.7	-65.0	-9.8
2954	ok	0.0	0.3	1.34e-03	12.7	12.7	12.7	12.7	-8.7	1.1	6.6	75.7	-30.5	-5.5
2955	ok	0.0	0.3	1.44e-03	12.7	12.7	12.7	12.7	-1.7	9.2	0.4	55.9	-57.3	-33.5
2956	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	-3.4	8.5	1.3	88.3	-28.3	-41.7
2957	ok	0.0	0.3	2.06e-03	12.7	12.7	12.7	12.7	-3.9	-9.5	10.4	22.7	-70.9	-28.5
2958	ok	0.0	0.5	2.57e-03	12.7	12.7	12.7	12.7	15.1	38.5	-20.8	51.9	43.0	-52.4
2959	ok	0.0	0.6	1.24e-03	12.7	12.7	12.7	12.7	0.7	0.2	-0.7	-121.5	-31.2	-41.2
2960	ok	0.0	0.5	3.53e-03	12.7	12.7	12.7	12.7	9.2	51.5	-23.7	26.4	60.5	-48.5
2961	ok	0.0	0.6	1.13e-03	12.7	12.7	12.7	12.7	0.7	13.9	-3.2	3.3	-143.2	5.8
2962	ok	0.0	0.5	1.38e-03	12.7	12.7	12.7	12.7	0.6	50.3	-4.8	5.8	116.0	-2.3
2963	ok	0.0	0.5	2.75e-03	12.7	12.7	12.7	12.7	-18.9	-10.0	-1.4	116.4	16.0	42.9
2964	ok	0.0	0.6	2.67e-03	12.7	12.7	12.7	12.7	-3.7	13.1	-13.4	99.4	36.3	34.6
2965	ok	0.0	0.5	2.22e-03	12.7	12.7	12.7	12.7	-15.1	4.6	-9.8	83.9	33.2	35.8
2966	ok	0.0	0.4	2.55e-03	12.7	12.7	12.7	12.7	-15.8	-9.4	-3.4	83.1	18.2	37.7
2967	ok	0.0	0.9	5.24e-03	12.7	18.1	22.1	22.0	-16.0	-7.7	-5.7	89.8	307.6	92.7
2968	ok	0.0	0.4	3.52e-03	12.7	12.7	12.7	12.7	-15.7	5.3	-12.8	84.2	31.4	28.1
2969	ok	0.0	0.3	2.73e-03	12.7	12.7	12.7	12.7	-12.0	9.9	2.4	63.9	16.8	29.1
2970	ok	0.0	0.4	3.66e-03	12.7	12.7	12.7	12.7	-17.0	11.2	-15.5	79.5	50.3	29.5
2971	ok	0.0	0.5	4.36e-03	12.7	12.7	12.7	12.7	-17.3	5.6	-15.3	108.7	61.9	28.1
2972	ok	0.0	0.2	2.90e-03	12.7	12.7	12.7	12.7	15.1	-16.3	-8.4	-35.6	-8.8	-1.5
2973	ok	0.0	0.2	3.18e-03	12.7	12.7	12.7	12.7	17.5	-22.6	-10.8	-34.0	-10.3	-5.9
2974	ok	0.0	0.2	3.04e-03	12.7	12.7	12.7	12.7	7.0	-15.3	-17.6	-33.0	-11.1	7.5
2975	ok	0.0	0.2	2.80e-03	12.7	12.7	12.7	12.7	-12.1	-11.7	2.1	35.5	19.2	16.1
2976	ok	0.0	0.3	3.43e-03	12.7	12.7	12.7	12.7	-17.5	-16.6	4.1	66.1	39.4	15.3
2977	ok	0.0	0.2	3.19e-03	12.7	12.7	12.7	12.7	-12.2	14.6	2.8	42.8	21.1	10.3
2978	ok	0.0	0.3	2.83e-03	12.7	12.7	12.7	12.7	19.3	6.8	1.4	-67.3	-4.9	7.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
2979	ok	0.0	0.3	2.91e-03	12.7	12.7	12.7	12.7	22.1	7.7	-0.2	-72.1	-7.1	0.7
2980	ok	0.0	0.3	2.87e-03	12.7	12.7	12.7	12.7	20.7	7.3	0.6	-70.5	-4.3	4.0
2981	ok	0.0	0.3	2.87e-03	12.7	12.7	12.7	12.7	20.1	5.9	0.8	-70.9	-8.7	3.7
2982	ok	0.0	0.3	2.90e-03	12.7	12.7	12.7	12.7	3.0	20.2	-15.1	-56.5	-14.8	5.6
2983	ok	0.0	0.3	2.92e-03	12.7	12.7	12.7	12.7	5.4	15.0	-16.7	-49.7	-13.3	5.1
2984	ok	0.0	0.3	2.96e-03	12.7	12.7	12.7	12.7	23.1	6.8	-0.7	-74.2	-10.6	0.7
2985	ok	0.0	0.3	3.01e-03	12.7	12.7	12.7	12.7	7.6	-16.3	-19.2	-58.2	-19.6	6.7
2986	ok	0.0	0.3	3.08e-03	12.7	12.7	12.7	12.7	9.0	16.6	-17.8	-51.5	-15.7	7.4
2987	ok	0.0	0.3	2.91e-03	12.7	12.7	12.7	12.7	21.6	6.3	8.61e-02	-73.1	-8.4	2.2
2988	ok	0.0	0.3	2.96e-03	12.7	12.7	12.7	12.7	5.9	18.2	-17.9	-57.3	-16.4	5.9
2989	ok	0.0	0.3	3.00e-03	12.7	12.7	12.7	12.7	6.8	16.6	-17.6	-51.9	-15.3	6.1
2990	ok	0.0	0.2	3.13e-03	12.7	12.7	12.7	12.7	16.4	9.1	2.9	-13.8	38.7	21.5
2991	ok	0.0	0.2	3.64e-03	12.7	12.7	12.7	12.7	17.1	-9.7	11.9	-16.5	31.5	-2.5
2992	ok	0.0	0.2	3.38e-03	12.7	12.7	12.7	12.7	-17.7	-5.7	-6.4	-20.9	35.6	7.1
2993	ok	0.0	0.2	2.73e-03	12.7	12.7	12.7	12.7	17.3	8.5	2.3	-38.8	18.6	16.6
2994	ok	0.0	0.3	2.78e-03	12.7	12.7	12.7	12.7	18.2	7.6	1.8	-56.6	5.1	11.5
2995	ok	0.0	0.2	2.91e-03	12.7	12.7	12.7	12.7	12.0	14.6	18.4	-44.1	19.1	7.56e-02
2996	ok	0.0	0.3	2.88e-03	12.7	12.7	12.7	12.7	-18.6	-5.4	-6.7	-62.4	2.4	-1.1
2997	ok	0.0	0.2	2.77e-03	12.7	12.7	12.7	12.7	-18.0	-5.6	-6.7	-44.4	18.1	6.0
2998	ok	0.0	0.3	2.82e-03	12.7	12.7	12.7	12.7	19.6	8.1	1.0	-60.2	5.6	5.5
2999	ok	0.0	0.3	3.26e-03	12.7	12.7	12.7	12.7	16.0	-30.5	-16.2	30.4	66.0	22.1
3000	ok	0.0	0.2	3.76e-03	12.7	12.7	12.7	12.7	14.8	-31.7	-20.2	40.2	58.2	-6.2
3001	ok	0.0	0.3	3.55e-03	12.7	12.7	12.7	12.7	14.7	-33.1	-20.7	34.4	69.9	4.4
3002	ok	0.0	1.0	4.07e-03	16.7	53.8	17.1	50.7	-45.2	-25.7	13.9	727.2	624.9	-215.4
3003	ok	0.0	0.8	3.99e-03	12.7	12.7	12.7	12.7	19.1	-32.3	-15.6	177.9	111.9	5.7
3004	ok	0.0	1.0	3.85e-03	12.7	20.9	19.7	28.3	1.9	-40.3	-7.0	292.4	382.7	89.9
3005	ok	0.0	1.0	4.22e-03	14.3	22.3	12.7	19.6	-9.5	-5.5	-10.1	337.5	228.4	68.5
3006	ok	0.0	0.6	3.87e-03	12.7	12.7	12.7	12.7	13.7	8.1	5.5	69.9	114.8	29.1
3007	ok	0.0	0.6	4.72e-03	12.7	12.7	12.7	12.7	11.9	-49.3	-15.6	145.6	109.7	-7.7
3008	ok	0.0	0.4	3.88e-03	12.7	12.7	12.7	12.7	14.1	-34.6	-23.2	80.8	73.5	-14.6
3009	ok	0.0	0.9	4.58e-03	12.7	12.7	12.7	12.7	18.9	10.9	1.2	192.6	166.6	-34.5
3010	ok	0.0	0.5	3.81e-03	12.7	12.7	12.7	12.7	18.7	-25.8	-27.0	103.2	111.1	12.3
3011	ok	0.0	1.0	3.46e-03	14.1	23.6	12.7	17.0	-15.9	26.0	6.8	235.5	135.3	125.1
3012	ok	0.0	0.8	3.90e-03	12.7	12.7	12.7	12.7	17.4	-30.9	-12.3	145.3	100.2	26.2
3013	ok	0.0	1.0	3.97e-03	12.7	15.0	12.7	13.0	-15.5	-3.2	0.8	175.2	135.9	64.4
3014	ok	0.0	0.4	3.04e-03	12.7	12.7	12.7	12.7	23.0	13.8	3.3	-100.7	17.1	-5.4
3015	ok	0.0	0.4	3.38e-03	12.7	12.7	12.7	12.7	24.9	15.7	2.7	-95.2	11.8	1.8
3016	ok	0.0	0.4	3.21e-03	12.7	12.7	12.7	12.7	24.0	14.7	3.0	-98.3	16.1	-1.8
3017	ok	0.0	0.3	3.08e-03	12.7	12.7	12.7	12.7	23.5	13.2	2.5	-76.4	27.9	-3.7
3018	ok	0.0	0.2	3.07e-03	12.7	12.7	12.7	12.7	24.3	12.3	1.6	-43.5	44.9	-1.0
3019	ok	0.0	0.3	3.13e-03	12.7	12.7	12.7	12.7	-5.4	17.4	19.4	22.5	60.7	8.2
3020	ok	0.0	0.5	3.30e-03	12.7	12.7	12.7	12.7	-21.6	-5.8	-3.0	67.5	121.9	7.3
3021	ok	0.0	0.3	3.43e-03	12.7	12.7	12.7	12.7	25.2	15.2	1.5	-67.1	21.6	6.6
3022	ok	0.0	0.2	3.49e-03	12.7	12.7	12.7	12.7	25.6	14.6	0.2	-28.9	33.1	14.1
3023	ok	0.0	0.3	3.52e-03	12.7	12.7	12.7	12.7	9.6	2.9	17.2	35.7	49.3	24.4
3024	ok	0.0	0.5	3.60e-03	12.7	12.7	12.7	12.7	-20.5	-5.9	-3.4	91.5	63.4	42.0
3025	ok	0.0	0.3	3.26e-03	12.7	12.7	12.7	12.7	24.5	14.1	1.9	-72.3	27.2	2.2
3026	ok	0.0	0.2	3.30e-03	12.7	12.7	12.7	12.7	25.2	13.4	0.8	-37.2	42.9	8.7
3027	ok	0.0	0.3	3.32e-03	12.7	12.7	12.7	12.7	-4.6	18.3	21.5	30.1	55.3	21.9
3028	ok	0.0	0.6	3.27e-03	12.7	12.7	12.7	12.7	-21.3	-4.0	-1.8	78.2	114.9	30.7
3029	ok	0.0	0.5	2.96e-03	12.7	12.7	12.7	12.7	22.5	14.9	5.8	-123.3	9.4	-8.1
3030	ok	0.0	0.5	3.24e-03	12.7	12.7	12.7	12.7	24.5	16.7	5.7	-125.0	-7.6	-4.5
3031	ok	0.0	0.5	3.10e-03	12.7	12.7	12.7	12.7	23.5	15.7	5.7	-123.4	2.2	-7.5
3032	ok	0.0	0.5	3.00e-03	12.7	12.7	12.7	12.7	22.6	14.6	5.0	-124.3	8.6	-7.1
3033	ok	0.0	0.5	3.01e-03	12.7	12.7	12.7	12.7	22.8	14.3	4.2	-116.6	11.0	-6.4
3034	ok	0.0	0.5	3.29e-03	12.7	12.7	12.7	12.7	24.7	16.4	4.8	-124.0	-3.6	-3.2
3035	ok	0.0	0.5	3.34e-03	12.7	12.7	12.7	12.7	24.7	16.0	3.7	-113.7	3.9	-1.4
3036	ok	0.0	0.5	3.15e-03	12.7	12.7	12.7	12.7	23.6	15.4	4.9	-123.7	4.3	-6.1
3037	ok	0.0	0.5	3.17e-03	12.7	12.7	12.7	12.7	23.8	15.1	3.9	-115.4	8.7	-4.3
3038	ok	0.0	0.3	2.71e-03	12.7	12.7	12.7	12.7	5.5	-19.4	-20.5	53.8	35.9	31.9
3039	ok	0.0	0.2	2.71e-03	12.7	12.7	12.7	12.7	24.7	15.5	8.6	-5.2	-16.1	34.1
3040	ok	0.0	0.2	2.64e-03	12.7	12.7	12.7	12.7	5.5	-17.6	-21.4	30.3	14.9	30.4
3041	ok	0.0	0.2	2.87e-03	12.7	12.7	12.7	12.7	4.8	-21.3	-20.8	38.1	37.0	12.0
3042	ok	0.0	0.2	2.85e-03	12.7	12.7	12.7	12.7	5.1	-19.2	-23.6	11.1	43.5	-6.2
3043	ok	0.0	0.3	2.87e-03	12.7	12.7	12.7	12.7	-18.8	-6.5	-1.8	-55.9	23.6	-12.4
3044	ok	0.0	0.4	2.91e-03	12.7	12.7	12.7	12.7	-19.3	-5.6	-1.8	-88.1	19.3	-11.5
3045	ok	0.0	0.5	2.97e-03	12.7	12.7	12.7	12.7	22.5	15.1	6.3	-118.1	11.4	-8.8
3046	ok	0.0	0.2	2.79e-03	12.7	12.7	12.7	12.7	24.3	16.3	8.6	-24.5	-17.2	21.3
3047	ok	0.0	0.2	2.89e-03	12.7	12.7	12.7	12.7	24.2	16.6	8.4	-49.5	-16.2	10.0
3048	ok	0.0	0.3	3.00e-03	12.7	12.7	12.7	12.7	24.3	16.7	7.9	-74.7	-14.5	2.2
3049	ok	0.0	0.4	3.09e-03	12.7	12.7	12.7	12.7	24.2	17.0	7.5	-98.7	-12.2	-3.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3050	ok	0.0	0.5	3.22e-03	12.7	12.7	12.7	12.7	24.4	16.8	6.3	-121.0	-9.3	-5.2
3051	ok	0.0	0.1	2.73e-03	12.7	12.7	12.7	12.7	5.1	-19.5	-21.4	15.5	15.2	16.9
3052	ok	0.0	0.2	2.85e-03	12.7	12.7	12.7	12.7	-1.1	26.0	28.8	-39.1	-20.0	3.0
3053	ok	0.0	0.3	2.93e-03	12.7	12.7	12.7	12.7	-1.6	26.2	29.7	-60.7	-18.5	-2.7
3054	ok	0.0	0.4	3.00e-03	12.7	12.7	12.7	12.7	-19.5	-5.5	-1.4	-90.8	3.1	-9.3
3055	ok	0.0	0.5	3.09e-03	12.7	12.7	12.7	12.7	23.4	15.8	6.3	-118.4	2.0	-8.4
3056	ok	0.0	0.4	2.52e-03	12.7	12.7	12.7	12.7	5.6	-15.8	-18.6	51.1	41.7	42.4
3057	ok	0.0	0.2	2.66e-03	12.7	12.7	12.7	12.7	24.6	15.6	8.2	10.5	-13.3	42.8
3058	ok	0.0	0.3	2.58e-03	12.7	12.7	12.7	12.7	5.6	-16.1	-20.1	29.3	15.8	39.3
3059	ok	0.0	0.4	2.50e-03	12.7	12.7	12.7	12.7	14.8	-11.8	-5.2	23.6	39.9	50.9
3060	ok	0.0	0.3	2.63e-03	12.7	12.7	12.7	12.7	25.6	14.2	7.1	12.7	-1.8	52.7
3061	ok	0.0	0.3	2.56e-03	12.7	12.7	12.7	12.7	15.4	-12.3	-6.2	17.4	21.0	47.5
3062	ok	0.0	0.4	2.50e-03	12.7	12.7	12.7	12.7	8.3	-21.7	-13.7	37.9	47.3	49.1
3063	ok	0.0	0.3	2.64e-03	12.7	12.7	12.7	12.7	25.2	14.8	7.7	14.6	-8.4	49.7
3064	ok	0.0	0.3	2.57e-03	12.7	12.7	12.7	12.7	7.8	-22.5	-14.5	23.9	20.5	44.7
3065	ok	0.0	0.2	2.43e-03	12.7	12.7	12.7	12.7	24.0	14.8	7.1	-3.4	7.0	38.3
3066	ok	0.0	0.3	2.53e-03	12.7	12.7	12.7	12.7	25.5	15.4	7.1	12.8	22.0	48.3
3067	ok	0.0	0.3	2.48e-03	12.7	12.7	12.7	12.7	24.7	15.2	7.2	6.5	10.5	45.3
3068	ok	0.0	0.2	2.46e-03	12.7	12.7	12.7	12.7	-15.4	-7.0	0.6	-10.5	14.6	45.0
3069	ok	0.0	0.3	2.48e-03	12.7	12.7	12.7	12.7	-15.6	-7.2	0.7	-8.9	21.3	52.9
3070	ok	0.0	0.3	2.50e-03	12.7	12.7	12.7	12.7	24.3	14.4	6.5	3.4	24.8	61.7
3071	ok	0.0	0.3	2.56e-03	12.7	12.7	12.7	12.7	25.6	15.0	6.9	3.4	19.6	49.7
3072	ok	0.0	0.3	2.59e-03	12.7	12.7	12.7	12.7	25.6	14.5	6.4	2.5	13.9	51.3
3073	ok	0.0	0.3	2.61e-03	12.7	12.7	12.7	12.7	25.7	14.1	6.6	7.2	6.5	52.7
3074	ok	0.0	0.3	2.51e-03	12.7	12.7	12.7	12.7	24.8	14.7	6.7	-1.5	14.0	50.1
3075	ok	0.0	0.3	2.54e-03	12.7	12.7	12.7	12.7	-15.9	-7.1	1.2	-4.3	13.0	54.2
3076	ok	0.0	0.3	2.55e-03	12.7	12.7	12.7	12.7	25.0	14.4	6.6	5.9	11.7	58.8
3077	ok	0.0	0.2	2.39e-03	12.7	12.7	12.7	12.7	23.7	15.4	7.6	21.1	-9.0	22.9
3078	ok	0.0	0.4	2.49e-03	12.7	12.7	12.7	12.7	25.1	15.8	7.2	45.8	18.2	43.3
3079	ok	0.0	0.3	2.44e-03	12.7	12.7	12.7	12.7	24.4	15.7	7.4	33.5	1.2	34.3
3080	ok	0.0	0.2	2.41e-03	12.7	12.7	12.7	12.7	23.9	15.1	7.5	8.1	-2.2	30.5
3081	ok	0.0	0.3	2.51e-03	12.7	12.7	12.7	12.7	25.3	15.6	7.1	26.9	21.0	46.8
3082	ok	0.0	0.3	2.46e-03	12.7	12.7	12.7	12.7	24.6	15.4	7.3	18.2	6.6	40.5
3083	ok	0.0	0.2	2.37e-03	12.7	12.7	12.7	12.7	23.6	15.7	7.7	32.8	-15.2	16.5
3084	ok	0.0	0.4	2.47e-03	12.7	12.7	12.7	12.7	25.0	15.9	7.3	64.5	14.2	38.3
3085	ok	0.0	0.3	2.42e-03	12.7	12.7	12.7	12.7	24.2	15.8	7.5	48.7	-4.4	27.6
3086	ok	0.0	0.2	2.35e-03	12.7	12.7	12.7	12.7	23.4	16.0	7.8	46.9	-22.2	7.7
3087	ok	0.0	0.4	2.45e-03	12.7	12.7	12.7	12.7	24.8	16.0	7.3	85.5	8.8	30.4
3088	ok	0.0	0.3	2.39e-03	12.7	12.7	12.7	12.7	24.1	16.0	7.5	65.3	-10.9	18.8
3089	ok	0.0	0.3	2.31e-03	12.7	12.7	12.7	12.7	-14.0	-6.5	0.7	64.9	-31.4	-7.3
3090	ok	0.0	0.5	2.42e-03	12.7	12.7	12.7	12.7	24.6	16.1	7.2	111.0	0.3	14.1
3091	ok	0.0	0.4	2.36e-03	12.7	12.7	12.7	12.7	23.8	16.2	7.5	85.4	-19.4	3.9
3092	ok	0.0	0.4	2.19e-03	12.7	12.7	12.7	12.7	-13.2	-6.5	0.9	88.1	-44.2	-34.3
3093	ok	0.0	0.6	2.31e-03	12.7	12.7	12.7	12.7	-14.2	-6.0	1.8	123.9	-12.9	-29.1
3094	ok	0.0	0.5	2.24e-03	12.7	12.7	12.7	12.7	-13.7	-6.3	1.3	103.4	-33.1	-30.6
3095	ok	0.0	0.4	2.26e-03	12.7	12.7	12.7	12.7	-13.7	-6.5	0.7	79.6	-38.8	-22.0
3096	ok	0.0	0.6	2.37e-03	12.7	12.7	12.7	12.7	-14.6	-6.1	1.4	125.2	-9.3	-9.8
3097	ok	0.0	0.4	2.31e-03	12.7	12.7	12.7	12.7	-14.1	-6.3	1.1	99.4	-28.3	-15.5
3098	ok	0.0	0.4	2.02e-03	12.7	12.7	12.7	12.7	-12.1	-6.7	1.2	87.7	-51.8	-42.8
3099	ok	0.0	0.5	2.16e-03	12.7	12.7	12.7	12.7	-13.2	-6.4	2.3	88.4	-17.1	-41.2
3100	ok	0.0	0.4	2.08e-03	12.7	12.7	12.7	12.7	-12.6	-6.5	1.8	87.5	-39.3	-41.4
3101	ok	0.0	0.4	2.11e-03	12.7	12.7	12.7	12.7	-12.7	-6.6	1.1	90.5	-48.2	-41.8
3102	ok	0.0	0.5	2.23e-03	12.7	12.7	12.7	12.7	-13.7	-6.2	2.1	109.1	-14.5	-40.5
3103	ok	0.0	0.5	2.16e-03	12.7	12.7	12.7	12.7	-13.2	-6.4	1.6	98.4	-36.3	-40.0
3104	ok	0.0	0.3	1.81e-03	12.7	12.7	12.7	12.7	19.4	19.1	3.8	57.6	-63.2	-17.8
3105	ok	0.0	0.2	2.00e-03	12.7	12.7	12.7	12.7	-12.0	-6.1	2.1	36.8	-35.4	-12.6
3106	ok	0.0	0.2	1.90e-03	12.7	12.7	12.7	12.7	-11.4	-6.0	1.8	46.7	-52.9	-15.5
3107	ok	0.0	0.3	1.86e-03	12.7	12.7	12.7	12.7	-11.2	-6.4	1.5	71.7	-59.3	-28.3
3108	ok	0.0	0.4	1.94e-03	12.7	12.7	12.7	12.7	-11.6	-6.6	1.4	81.4	-55.4	-37.7
3109	ok	0.0	0.3	2.04e-03	12.7	12.7	12.7	12.7	-12.3	-6.4	2.2	51.8	-28.1	-24.3
3110	ok	0.0	0.4	2.09e-03	12.7	12.7	12.7	12.7	-12.7	-6.5	2.3	69.2	-21.7	-34.6
3111	ok	0.0	0.3	1.94e-03	12.7	12.7	12.7	12.7	-11.7	-6.3	1.9	61.1	-47.7	-26.8
3112	ok	0.0	0.4	2.00e-03	12.7	12.7	12.7	12.7	-12.1	-6.5	1.9	74.9	-43.0	-36.1
3113	ok	0.0	0.3	1.73e-03	12.7	12.7	12.7	12.7	18.5	17.9	1.1	5.2	-70.5	9.7
3114	ok	0.0	0.2	1.90e-03	12.7	12.7	12.7	12.7	1.1	7.9	-2.2	-8.1	-52.7	8.0
3115	ok	0.0	0.3	1.82e-03	12.7	12.7	12.7	12.7	-10.8	-4.0	1.4	-3.9	-64.8	6.9
3116	ok	0.0	0.3	1.77e-03	12.7	12.7	12.7	12.7	19.0	18.7	2.5	34.1	-67.8	-2.7
3117	ok	0.0	0.2	1.94e-03	12.7	12.7	12.7	12.7	-11.7	-5.5	1.7	17.7	-45.7	1.8
3118	ok	0.0	0.3	1.85e-03	12.7	12.7	12.7	12.7	19.9	17.8	2.2	24.2	-59.0	-2.3
3119	ok	0.0	0.3	1.70e-03	12.7	12.7	12.7	12.7	-10.2	-3.0	1.1	-25.0	-71.2	13.1
3120	ok	0.0	0.3	1.86e-03	12.7	12.7	12.7	12.7	-11.0	-3.3	1.5	-28.3	-58.2	9.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3121	ok	0.0	0.3	1.78e-03	12.7	12.7	12.7	12.7	-10.6	-3.2	1.3	-27.6	-67.6	10.6
3122	ok	0.0	0.3	1.68e-03	12.7	12.7	12.7	12.7	-10.0	-2.5	0.9	-42.1	-72.4	14.3
3123	ok	0.0	0.3	1.83e-03	12.7	12.7	12.7	12.7	-10.8	-2.8	1.4	-43.3	-60.2	10.2
3124	ok	0.0	0.3	1.76e-03	12.7	12.7	12.7	12.7	-10.4	-2.7	1.2	-43.3	-69.2	12.1
3125	ok	0.0	0.4	1.57e-03	12.7	12.7	12.7	12.7	-9.4	-1.3	0.4	-91.5	-78.2	14.5
3126	ok	0.0	0.4	1.72e-03	12.7	12.7	12.7	12.7	-10.2	-1.8	1.0	-90.5	-65.8	13.6
3127	ok	0.0	0.4	1.65e-03	12.7	12.7	12.7	12.7	-9.8	-1.6	0.7	-90.7	-74.3	14.2
3128	ok	0.0	0.4	1.63e-03	12.7	12.7	12.7	12.7	-9.7	-1.8	0.7	-68.9	-74.8	15.0
3129	ok	0.0	0.3	1.78e-03	12.7	12.7	12.7	12.7	-10.4	-2.2	1.3	-68.5	-62.8	11.7
3130	ok	0.0	0.4	1.71e-03	12.7	12.7	12.7	12.7	-10.1	-2.0	1.0	-68.7	-71.4	13.4
3131	ok	0.0	0.6	1.33e-03	12.7	12.7	12.7	12.7	13.9	20.5	-3.3	-125.7	-97.1	9.7
3132	ok	0.0	0.6	1.57e-03	12.7	12.7	12.7	12.7	15.5	19.6	-4.7	-121.5	-77.9	18.1
3133	ok	0.0	0.6	1.44e-03	12.7	12.7	12.7	12.7	14.6	20.1	-4.0	-123.2	-89.2	14.3
3134	ok	0.0	0.6	1.39e-03	12.7	12.7	12.7	12.7	14.6	20.1	-2.9	-124.4	-91.8	10.9
3135	ok	0.0	0.5	1.46e-03	12.7	12.7	12.7	12.7	15.3	19.6	-2.5	-118.0	-87.0	12.0
3136	ok	0.0	0.5	1.52e-03	12.7	12.7	12.7	12.7	15.9	19.1	-2.0	-106.5	-82.8	13.1
3137	ok	0.0	0.5	1.61e-03	12.7	12.7	12.7	12.7	16.1	19.1	-4.2	-121.3	-74.5	16.9
3138	ok	0.0	0.5	1.64e-03	12.7	12.7	12.7	12.7	-9.8	-1.2	0.5	-113.9	-71.9	17.0
3139	ok	0.0	0.5	1.68e-03	12.7	12.7	12.7	12.7	-10.0	-1.5	0.8	-104.7	-68.7	15.4
3140	ok	0.0	0.5	1.50e-03	12.7	12.7	12.7	12.7	15.3	19.6	-3.6	-122.4	-84.8	14.3
3141	ok	0.0	0.5	1.55e-03	12.7	12.7	12.7	12.7	15.9	19.1	-3.1	-116.3	-80.9	14.0
3142	ok	0.0	0.5	1.60e-03	12.7	12.7	12.7	12.7	-9.5	-1.2	0.5	-105.1	-77.4	14.7
3143	ok	0.0	0.5	1.21e-03	12.7	12.7	12.7	12.7	12.7	21.1	-3.9	-118.1	-106.2	7.1
3144	ok	0.0	0.5	1.50e-03	12.7	12.7	12.7	12.7	14.6	20.3	-5.4	-110.9	-83.3	19.0
3145	ok	0.0	0.5	1.34e-03	12.7	12.7	12.7	12.7	13.5	20.7	-4.7	-114.2	-96.7	13.5
3146	ok	0.0	0.5	1.04e-03	12.7	12.7	12.7	12.7	11.2	21.5	-4.6	-95.1	-118.5	1.7
3147	ok	0.0	0.5	1.37e-03	12.7	12.7	12.7	12.7	13.1	20.7	-6.3	-81.5	-91.2	16.3
3148	ok	0.0	0.5	1.19e-03	12.7	12.7	12.7	12.7	12.0	21.1	-5.5	-88.7	-107.2	9.3
3149	ok	0.0	0.5	1.13e-03	12.7	12.7	12.7	12.7	12.0	21.4	-4.3	-108.1	-112.3	4.7
3150	ok	0.0	0.5	1.44e-03	12.7	12.7	12.7	12.7	13.9	20.6	-5.9	-98.1	-87.1	18.4
3151	ok	0.0	0.5	1.26e-03	12.7	12.7	12.7	12.7	12.8	21.0	-5.1	-103.1	-101.9	11.9
3152	ok	0.0	0.5	9.61e-04	12.7	12.7	12.7	12.7	10.3	21.6	-5.1	-79.1	-124.8	-2.1
3153	ok	0.0	0.4	1.29e-03	12.7	12.7	12.7	12.7	12.2	20.6	-6.7	-61.7	-95.5	11.5
3154	ok	0.0	0.5	1.11e-03	12.7	12.7	12.7	12.7	11.2	21.1	-5.9	-71.5	-112.7	5.0
3155	ok	0.0	0.6	8.77e-04	12.7	12.7	12.7	12.7	9.2	21.4	-5.7	-59.3	-131.3	-7.0
3156	ok	0.0	0.4	1.20e-03	12.7	12.7	12.7	12.7	11.1	20.1	-7.5	-40.5	-99.0	2.4
3157	ok	0.0	0.5	1.03e-03	12.7	12.7	12.7	12.7	10.1	20.8	-6.6	-51.5	-117.7	-1.6
3158	ok	0.0	0.6	7.84e-04	12.7	12.7	12.7	12.7	7.4	20.8	-6.7	-34.5	-136.4	-11.3
3159	ok	0.0	0.4	1.11e-03	12.7	12.7	12.7	12.7	9.2	19.9	-8.9	-22.4	-97.7	-7.5
3160	ok	0.0	0.5	9.45e-04	12.7	12.7	12.7	12.7	8.3	20.5	-7.8	-29.5	-120.2	-8.3
3161	ok	0.0	0.6	8.29e-04	12.7	12.7	12.7	12.7	8.4	21.2	-6.2	-46.0	-134.6	-9.7
3162	ok	0.0	0.4	1.15e-03	12.7	12.7	12.7	12.7	10.2	19.9	-8.2	-29.8	-99.1	-3.7
3163	ok	0.0	0.5	9.87e-04	12.7	12.7	12.7	12.7	9.2	20.6	-7.2	-39.5	-119.6	-5.7
3164	ok	0.0	0.6	6.82e-04	12.7	12.7	12.7	12.7	5.8	20.4	-7.2	-16.8	-138.4	-10.7
3165	ok	0.0	0.4	1.03e-03	12.7	12.7	12.7	12.7	7.3	20.4	-9.5	-10.3	-94.7	-7.9
3166	ok	0.0	0.5	8.51e-04	12.7	12.7	12.7	12.7	6.5	20.5	-8.4	-14.1	-119.9	-8.6
3167	ok	0.0	0.6	7.38e-04	12.7	12.7	12.7	12.7	6.6	20.6	-7.0	-25.3	-137.7	-11.4
3168	ok	0.0	0.4	1.07e-03	12.7	12.7	12.7	12.7	8.2	20.1	-9.3	-16.7	-96.1	-8.5
3169	ok	0.0	0.5	9.03e-04	12.7	12.7	12.7	12.7	7.4	20.5	-8.2	-21.7	-120.2	-9.0
3170	ok	0.0	0.6	7.06e-04	12.7	12.7	12.7	12.7	4.3	19.9	-7.2	-3.9	-138.6	-8.8
3171	ok	0.0	0.4	9.00e-04	12.7	12.7	12.7	12.7	-5.4	3.7	1.9	12.0	-90.6	-8.4
3172	ok	0.0	0.5	7.06e-04	12.7	12.7	12.7	12.7	-2.3	7.1	1.0	6.1	-119.8	-5.9
3173	ok	0.0	0.6	7.59e-04	12.7	12.7	12.7	12.7	-0.9	9.0	-6.76e-02	10.5	-137.0	-7.2
3174	ok	0.0	0.4	8.25e-04	12.7	12.7	12.7	12.7	-2.3	7.8	1.3	25.8	-94.5	-7.0
3175	ok	0.0	0.5	7.76e-04	12.7	12.7	12.7	12.7	-1.5	8.4	0.6	16.3	-118.8	-7.5
3176	ok	0.0	0.6	8.14e-04	12.7	12.7	12.7	12.7	-0.6	9.8	-0.4	13.7	-136.1	-8.4
3177	ok	0.0	0.4	8.84e-04	12.7	12.7	12.7	12.7	-1.9	8.3	0.9	33.1	-94.5	-11.0
3178	ok	0.0	0.5	8.32e-04	12.7	12.7	12.7	12.7	-1.1	9.1	0.2	20.9	-118.1	-10.1
3179	ok	0.0	0.6	1.10e-03	12.7	12.7	12.7	12.7	0.2	12.6	-1.8	13.2	-129.2	-9.3
3180	ok	0.0	0.4	1.23e-03	12.7	12.7	12.7	12.7	-0.6	10.3	-0.6	33.5	-85.8	-23.9
3181	ok	0.0	0.5	1.16e-03	12.7	12.7	12.7	12.7	-8.38e-02	11.5	-1.3	20.4	-110.0	-15.6
3182	ok	0.0	0.7	2.05e-04	12.7	12.7	12.7	12.7	7.2	21.4	-12.5	-41.3	-124.5	74.8
3183	ok	0.0	0.4	1.63e-03	12.7	12.7	12.7	12.7	0.2	12.2	-1.8	18.3	-72.9	-23.6
3184	ok	0.0	0.6	1.43e-03	12.7	12.7	12.7	12.7	-2.6	-1.3	-2.2	-129.0	-32.3	-52.1
3185	ok	0.0	0.7	2.63e-04	12.7	12.7	12.7	12.7	5.9	11.1	-4.1	43.9	111.4	-57.1
3186	ok	0.0	0.5	1.28e-03	12.7	12.7	12.7	12.7	0.8	15.0	-3.5	4.9	-124.0	0.9
3187	ok	0.0	0.3	1.73e-03	12.7	12.7	12.7	12.7	-2.6	-10.2	5.7	10.0	-81.8	-14.0
3188	ok	0.0	1.0	6.11e-03	12.7	24.1	12.7	25.1	46.1	68.8	-32.4	62.1	112.3	-100.8
3189	ok	0.0	0.7	9.31e-04	12.7	12.7	12.7	12.7	0.7	13.1	-2.9	3.8	-153.8	7.9
3190	ok	0.0	0.7	8.25e-04	12.7	12.7	12.7	12.7	0.6	12.8	-2.8	5.9	-154.7	4.6
3191	ok	0.0	0.8	3.57e-03	12.7	12.7	12.7	12.7	-34.7	-19.0	4.8	120.7	136.4	4.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3192	ok	0.0	0.7	3.47e-03	12.7	12.7	12.7	12.7	-12.7	-4.2	-0.6	113.7	62.6	56.5
3193	ok	0.0	0.3	3.14e-03	12.7	12.7	12.7	12.7	-36.3	-10.3	-3.8	62.5	73.4	14.0
3194	ok	0.0	0.4	3.19e-03	12.7	12.7	12.7	12.7	-20.2	-7.0	-1.7	71.3	60.4	32.3
3195	ok	0.0	0.2	3.00e-03	12.7	12.7	12.7	12.7	-16.0	5.7	0.8	35.3	39.4	19.0
3196	ok	0.0	0.3	2.81e-03	12.7	12.7	12.7	12.7	-14.3	5.1	0.6	48.0	32.4	28.5
3197	ok	0.0	0.2	2.80e-03	12.7	12.7	12.7	12.7	15.5	-13.0	-4.9	-41.9	-6.9	-7.5
3198	ok	0.0	0.2	2.83e-03	12.7	12.7	12.7	12.7	15.4	-14.7	-6.3	-41.8	-7.2	-3.6
3199	ok	0.0	0.1	2.85e-03	12.7	12.7	12.7	12.7	23.4	1.89e-02	7.0	-20.8	14.2	-8.9
3200	ok	0.0	0.2	2.81e-03	12.7	12.7	12.7	12.7	-14.9	11.6	2.2	20.5	19.4	16.2
3201	ok	0.0	0.3	2.74e-03	12.7	12.7	12.7	12.7	16.1	5.7	2.9	-54.0	-17.4	10.9
3202	ok	0.0	0.3	2.78e-03	12.7	12.7	12.7	12.7	17.7	6.3	2.2	-61.6	-9.5	10.4
3203	ok	0.0	0.3	2.76e-03	12.7	12.7	12.7	12.7	16.8	4.7	2.4	-61.8	-17.3	3.6
3204	ok	0.0	0.3	2.78e-03	12.7	12.7	12.7	12.7	17.5	3.7	1.8	-62.3	-14.3	-1.1
3205	ok	0.0	0.3	2.79e-03	12.7	12.7	12.7	12.7	14.3	-16.1	-7.2	-48.1	-12.1	-7.6
3206	ok	0.0	0.3	2.82e-03	12.7	12.7	12.7	12.7	18.5	5.3	1.6	-67.1	-11.7	4.6
3207	ok	0.0	0.3	2.84e-03	12.7	12.7	12.7	12.7	19.2	4.3	1.0	-64.8	-10.4	1.2
3208	ok	0.0	0.3	2.84e-03	12.7	12.7	12.7	12.7	14.5	-20.5	-8.3	-50.1	-11.9	-5.0
3209	ok	0.0	0.2	2.65e-03	12.7	12.7	12.7	12.7	9.5	-17.4	-16.1	20.4	-4.0	33.3
3210	ok	0.0	0.2	2.90e-03	12.7	12.7	12.7	12.7	15.1	8.4	3.8	-6.9	25.1	35.7
3211	ok	0.0	0.2	2.68e-03	12.7	12.7	12.7	12.7	15.0	7.4	3.9	-21.0	-9.4	31.1
3212	ok	0.0	0.2	2.71e-03	12.7	12.7	12.7	12.7	15.5	6.6	3.4	-40.4	-14.8	20.0
3213	ok	0.0	0.2	2.70e-03	12.7	12.7	12.7	12.7	15.9	7.9	3.2	-31.4	9.3	26.0
3214	ok	0.0	0.2	2.74e-03	12.7	12.7	12.7	12.7	16.9	7.2	2.7	-49.8	-3.6	17.6
3215	ok	0.0	0.4	2.64e-03	12.7	12.7	12.7	12.7	14.0	7.2	5.4	35.5	10.8	55.8
3216	ok	0.0	0.4	2.95e-03	12.7	12.7	12.7	12.7	14.3	8.8	4.7	26.7	47.5	47.0
3217	ok	0.0	0.7	3.20e-03	12.7	12.7	12.7	12.7	20.2	4.4	4.1	146.2	13.8	26.9
3218	ok	0.0	1.0	4.31e-03	12.7	20.6	18.4	21.2	-9.7	19.8	5.4	144.3	303.2	76.4
3219	ok	0.0	0.6	2.84e-03	12.7	12.7	12.7	12.7	17.2	4.3	4.7	123.7	14.9	58.5
3220	ok	0.0	0.5	2.65e-03	12.7	12.7	12.7	12.7	14.1	5.5	6.3	77.5	17.1	65.8
3221	ok	0.0	1.0	2.90e-03	12.7	15.1	12.7	12.7	17.8	8.1	23.2	184.7	127.5	83.6
3222	ok	0.0	0.6	3.18e-03	12.7	12.7	12.7	12.7	11.9	2.9	8.6	73.8	78.2	60.2
3223	ok	0.0	0.5	3.56e-03	12.7	12.7	12.7	12.7	-14.3	31.1	13.3	99.1	51.9	7.0
3224	ok	0.0	0.9	4.06e-03	12.7	12.7	12.7	12.7	-18.0	28.8	13.2	150.4	116.6	9.1
3225	ok	0.0	0.4	2.80e-03	12.7	12.7	12.7	12.7	20.5	12.5	4.0	-100.9	-2.5	-7.5
3226	ok	0.0	0.5	2.89e-03	12.7	12.7	12.7	12.7	21.7	13.0	3.7	-101.6	12.0	-8.1
3227	ok	0.0	0.4	2.82e-03	12.7	12.7	12.7	12.7	20.3	11.8	3.3	-78.2	4.3	-11.5
3228	ok	0.0	0.2	2.84e-03	12.7	12.7	12.7	12.7	20.5	11.1	2.8	-47.5	10.6	-15.1
3229	ok	0.0	0.1	2.86e-03	12.7	12.7	12.7	12.7	-6.5	15.0	16.2	21.2	17.9	-10.7
3230	ok	0.0	0.3	2.89e-03	12.7	12.7	12.7	12.7	-14.2	27.6	13.3	53.3	27.8	-11.1
3231	ok	0.0	0.4	2.93e-03	12.7	12.7	12.7	12.7	22.0	12.4	3.0	-78.4	19.9	-9.5
3232	ok	0.0	0.2	2.97e-03	12.7	12.7	12.7	12.7	22.6	11.6	2.4	-46.8	33.1	-11.1
3233	ok	0.0	0.2	3.04e-03	12.7	12.7	12.7	12.7	-6.8	15.6	17.8	17.7	45.6	-6.9
3234	ok	0.0	0.4	3.17e-03	12.7	12.7	12.7	12.7	-21.2	-1.4	-5.9	61.8	82.9	-20.7
3235	ok	0.0	0.5	2.74e-03	12.7	12.7	12.7	12.7	20.0	13.4	5.7	-121.5	13.5	1.8
3236	ok	0.0	0.5	2.83e-03	12.7	12.7	12.7	12.7	21.4	14.1	5.8	-123.0	14.2	-5.2
3237	ok	0.0	0.5	2.75e-03	12.7	12.7	12.7	12.7	20.0	13.1	5.1	-122.4	5.0	-1.1
3238	ok	0.0	0.5	2.77e-03	12.7	12.7	12.7	12.7	20.4	13.0	4.6	-115.8	-2.4	-4.0
3239	ok	0.0	0.5	2.85e-03	12.7	12.7	12.7	12.7	21.4	13.8	5.1	-124.1	9.4	-5.7
3240	ok	0.0	0.5	2.87e-03	12.7	12.7	12.7	12.7	21.5	13.5	4.4	-116.8	8.6	-6.8
3241	ok	0.0	1.0	3.48e-03	12.7	19.0	18.4	26.3	6.2	-19.0	-7.5	230.9	362.7	110.9
3242	ok	0.0	0.5	2.89e-03	12.7	12.7	12.7	12.7	8.0	-23.4	-18.5	96.5	109.9	27.5
3243	ok	0.0	0.9	3.65e-03	12.7	12.7	12.7	12.7	-18.3	-12.1	-6.6	149.5	213.8	-14.3
3244	ok	0.0	0.5	3.32e-03	12.7	12.7	12.7	12.7	6.1	-12.7	-26.4	51.0	124.5	14.0
3245	ok	0.0	0.3	2.82e-03	12.7	12.7	12.7	12.7	-18.8	-6.4	-2.6	-55.0	79.5	3.4
3246	ok	0.0	0.4	2.74e-03	12.7	12.7	12.7	12.7	-18.6	-5.7	-2.2	-88.2	49.8	5.3
3247	ok	0.0	0.5	2.73e-03	12.7	12.7	12.7	12.7	20.1	13.5	6.1	-116.4	21.5	3.4
3248	ok	0.0	0.4	3.21e-03	12.7	12.7	12.7	12.7	3.7	-25.2	-19.5	83.9	98.4	10.8
3249	ok	0.0	0.3	2.90e-03	12.7	12.7	12.7	12.7	4.4	-17.5	-24.2	22.8	73.6	-10.1
3250	ok	0.0	0.3	2.87e-03	12.7	12.7	12.7	12.7	-18.9	-6.4	-2.3	-53.0	54.4	-12.0
3251	ok	0.0	0.4	2.83e-03	12.7	12.7	12.7	12.7	-19.1	-5.7	-2.1	-87.7	38.5	-7.8
3252	ok	0.0	0.5	2.82e-03	12.7	12.7	12.7	12.7	21.4	14.3	6.2	-118.0	19.3	-5.0
3253	ok	0.0	0.6	8.73e-03	12.7	12.7	12.7	12.7	-13.2	115.4	-64.8	-118.7	-87.1	11.9
3254	ok	0.0	0.7	1.06e-02	12.7	12.7	12.7	12.7	-20.1	115.5	-91.2	-124.1	-95.4	25.6
3255	ok	0.0	0.8	1.43e-02	12.7	12.7	12.7	12.7	34.1	-73.1	-112.9	-103.1	-151.2	24.9
3256	ok	0.0	0.4	6.12e-03	12.7	12.7	12.7	12.7	15.8	-28.8	-59.7	-32.2	-72.7	-11.3
3257	ok	0.0	0.5	5.93e-03	12.7	12.7	12.7	12.7	58.8	57.4	19.3	20.0	115.6	4.1
3258	ok	0.0	0.8	7.27e-03	12.7	12.7	12.7	12.7	59.2	57.2	-3.9	26.0	160.5	6.6
3259	ok	0.0	0.4	6.36e-03	12.7	12.7	12.7	12.7	16.4	-25.8	-59.6	-46.5	-78.3	-6.5
3260	ok	0.0	0.5	7.32e-03	12.7	12.7	12.7	12.7	8.6	86.8	-64.1	-88.1	-72.8	8.8
3261	ok	0.0	0.6	7.05e-03	12.7	12.7	12.7	12.7	31.0	-32.5	-63.0	-63.3	-94.5	-0.3
3262	ok	0.0	0.6	8.69e-03	12.7	12.7	12.7	12.7	22.3	-37.2	-70.8	-78.6	-109.0	7.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3263	ok	0.0	0.7	8.98e-03	12.7	12.7	12.7	12.7	47.4	-43.3	-50.3	-72.9	-112.9	10.1
3264	ok	0.0	0.8	9.91e-03	12.7	12.7	12.7	12.7	97.0	-56.3	-89.2	-94.8	-135.3	16.3
3265	ok	0.0	0.3	1.08e-02	12.7	12.7	12.7	12.7	25.0	-4.0	11.8	-55.8	-40.7	3.8
3266	ok	0.0	0.3	6.81e-03	12.7	12.7	12.7	12.7	62.5	22.4	-14.1	33.6	49.2	4.4
3267	ok	0.0	0.3	6.48e-03	12.7	12.7	12.7	12.7	58.2	22.1	-85.3	38.0	53.4	0.7
3268	ok	0.0	0.3	8.02e-03	12.7	12.7	12.7	12.7	21.7	-7.4	23.5	-33.1	-52.7	7.5
3269	ok	0.0	0.3	8.07e-03	12.7	12.7	12.7	12.7	30.2	-0.3	12.4	-45.7	-45.8	4.2
3270	ok	0.0	0.4	1.20e-02	12.7	12.7	12.7	12.7	28.2	59.9	-7.5	-69.5	-49.5	4.0
3271	ok	0.0	0.5	1.17e-02	12.7	12.7	12.7	12.7	61.2	-87.8	-29.0	29.3	136.6	0.5
3272	ok	0.0	0.9	1.17e-02	12.7	12.7	12.7	12.7	107.1	10.0	11.2	49.8	203.8	5.4
3273	ok	0.0	0.4	8.81e-03	12.7	12.7	12.7	12.7	45.6	15.8	-75.1	28.3	91.7	4.0
3274	ok	0.0	0.4	8.16e-03	12.7	12.7	12.7	12.7	50.9	12.0	-81.3	38.1	88.6	6.2
3275	ok	0.0	0.4	6.67e-03	12.7	12.7	12.7	12.7	57.4	28.3	-80.3	46.2	82.5	7.1
3276	ok	0.0	0.4	7.43e-03	12.7	12.7	12.7	12.7	63.4	38.6	-77.0	47.6	77.2	4.5
3277	ok	0.0	0.6	9.12e-03	12.7	12.7	12.7	12.7	63.6	13.6	-77.3	38.4	137.6	6.4
3278	ok	0.0	0.6	8.20e-03	12.7	12.7	12.7	12.7	57.0	14.5	-78.4	44.3	134.4	11.7
3279	ok	0.0	0.5	7.91e-03	12.7	12.7	12.7	12.7	57.2	23.1	-73.5	57.8	116.6	17.8
3280	ok	0.0	0.5	8.66e-03	12.7	12.7	12.7	12.7	62.3	51.6	-76.4	61.9	104.4	7.3
3281	ok	0.0	0.8	9.69e-03	12.7	12.7	12.7	12.7	82.2	7.5	-73.1	48.6	193.0	6.3
3282	ok	0.0	0.8	8.55e-03	12.7	12.7	12.7	12.7	68.2	17.9	-82.1	44.9	185.9	14.6
3283	ok	0.0	0.9	8.38e-03	12.7	12.7	12.7	12.8	52.7	48.2	-85.6	52.3	198.0	29.1
3284	ok	0.0	0.6	9.20e-03	12.7	12.7	12.7	12.7	15.5	58.8	-5.9	102.5	136.8	14.0
3285	ok	0.0	0.5	2.13e-02	12.7	12.7	12.7	12.7	102.6	94.0	-12.1	50.7	13.9	-47.5
3286	ok	0.0	0.3	1.11e-02	12.7	12.7	12.7	12.7	46.7	-3.2	6.9	-38.9	-26.7	-24.5
3287	ok	0.0	0.3	1.39e-02	12.7	12.7	12.7	12.7	47.4	-6.9	10.0	-24.2	-19.5	-31.9
3288	ok	0.0	0.4	1.24e-02	12.7	12.7	12.7	12.7	2.3	91.3	-34.5	16.8	39.3	-43.1
3289	ok	0.0	0.8	1.77e-02	12.7	12.7	12.7	12.7	-35.7	188.1	-50.0	38.9	115.2	-45.3
3290	ok	0.0	0.9	2.24e-02	12.7	12.7	12.7	19.3	41.7	113.5	13.5	55.8	247.6	-38.2
3291	ok	0.0	0.5	1.19e-02	12.7	12.7	12.7	12.7	-22.3	28.4	-73.2	27.9	78.9	-15.5
3292	ok	0.0	0.5	1.29e-02	12.7	12.7	12.7	12.7	-14.1	26.3	-70.7	14.9	85.6	-9.7
3293	ok	0.0	0.7	1.14e-02	12.7	12.7	12.7	12.7	8.9	36.7	-33.0	44.6	141.2	-18.2
3294	ok	0.0	0.7	1.40e-02	12.7	12.7	12.7	12.7	43.0	32.9	-26.7	36.4	141.5	-7.9
3295	ok	0.0	0.9	1.53e-02	12.7	12.7	12.7	14.3	70.7	43.9	-81.6	53.8	229.7	-16.8
3296	ok	0.0	1.0	1.29e-02	12.7	12.7	12.7	12.7	85.6	26.5	10.3	56.5	223.7	-2.1
3297	ok	0.0	0.6	2.35e-02	12.7	12.7	12.7	12.7	114.4	159.5	-12.9	76.3	51.9	-53.6
3298	ok	0.0	0.3	2.27e-02	12.7	12.7	12.7	12.7	68.8	25.6	-105.2	37.4	21.8	-4.7
3299	ok	0.0	0.5	2.47e-02	12.7	12.7	12.7	12.7	67.0	13.7	-110.9	66.6	18.7	-14.0
3300	ok	0.0	1.0	2.90e-02	12.7	16.6	12.7	12.7	231.2	53.7	-184.0	201.9	40.0	-34.9
3301	ok	0.0	1.0	3.12e-02	12.7	26.7	12.7	15.5	448.2	-88.1	208.7	263.0	166.7	81.7
3302	ok	0.0	1.0	2.02e-02	12.7	13.0	12.7	13.0	80.5	-110.1	187.3	173.6	139.6	34.6
3306	ok	0.0	0.3	1.67e-02	12.7	12.7	12.7	12.7	37.6	80.5	20.0	40.7	44.0	-23.7
3307	ok	0.0	1.0	2.33e-02	12.7	13.7	12.7	13.7	-10.4	0.3	193.1	129.5	158.7	66.2
3311	ok	0.0	0.6	3.07e-02	12.7	12.7	12.7	12.7	-17.4	130.4	-110.7	34.8	94.9	-21.5
3312	ok	0.0	1.0	2.42e-02	12.7	15.1	12.7	28.2	-103.1	167.9	214.0	144.2	388.6	70.8
3316	ok	0.0	1.0	4.98e-02	12.7	12.7	12.7	24.3	-8.8	282.2	-73.9	36.3	315.7	-34.8
3317	ok	0.0	0.4	8.11e-03	12.7	12.7	12.7	12.7	-80.4	26.9	42.1	-58.5	-1.0	-13.9
3318	ok	0.0	0.3	1.07e-02	12.7	12.7	12.7	12.7	-72.8	-40.1	22.9	-52.1	-6.3	-16.4
3319	ok	0.0	0.3	1.10e-02	12.7	12.7	12.7	12.7	14.4	-14.9	32.6	-46.1	-28.8	-16.4
3320	ok	0.0	0.3	8.66e-03	12.7	12.7	12.7	12.7	-8.3	37.3	19.7	-38.1	9.6	-4.5
3321	ok	0.0	0.2	8.27e-03	12.7	12.7	12.7	12.7	81.0	-7.3	33.7	-23.2	15.8	-6.8
3322	ok	0.0	0.4	9.65e-03	12.7	12.7	12.7	12.7	36.5	10.2	-103.4	39.5	20.2	-19.2
3323	ok	0.0	0.4	1.09e-02	12.7	12.7	12.7	12.7	29.2	-14.7	-111.0	65.0	18.3	-8.8
3324	ok	0.0	0.2	6.67e-03	12.7	12.7	12.7	12.7	23.0	0.5	35.4	-23.4	-21.3	-10.8
3325	ok	0.0	0.2	7.24e-03	12.7	12.7	12.7	12.7	5.1	-33.5	-0.2	-19.3	-23.6	-2.8
3326	ok	0.0	0.3	7.88e-03	12.7	12.7	12.7	12.7	58.4	9.4	-91.0	34.9	13.4	-11.0
3327	ok	0.0	0.3	7.98e-03	12.7	12.7	12.7	12.7	60.6	-0.2	-48.9	39.5	17.0	2.1
3328	ok	0.0	0.2	7.38e-03	12.7	12.7	12.7	12.7	29.4	-20.5	27.6	-35.0	-32.2	0.6
3329	ok	0.0	0.3	7.48e-03	12.7	12.7	12.7	12.7	20.8	-23.7	27.5	-26.8	-37.0	2.0
3330	ok	0.0	0.3	6.32e-03	12.7	12.7	12.7	12.7	64.0	15.1	-83.2	33.2	23.5	-4.6
3331	ok	0.0	0.3	6.59e-03	12.7	12.7	12.7	12.7	58.9	11.5	-50.4	31.6	27.7	1.9
3332	ok	0.0	0.5	1.78e-02	12.7	12.7	12.7	12.7	-214.1	53.6	-8.3	68.4	11.0	-11.6
3333	ok	0.0	0.4	1.22e-02	12.7	12.7	12.7	12.7	116.0	-14.2	-96.0	-23.7	-22.8	23.7
3334	ok	0.0	0.3	1.26e-02	12.7	12.7	12.7	12.7	26.7	-0.4	69.8	35.8	-17.9	-27.2
3335	ok	0.0	0.5	1.44e-02	12.7	12.7	12.7	12.7	168.1	-29.4	-89.2	-29.6	-11.1	39.2
3336	ok	0.0	0.4	1.01e-02	12.7	12.7	12.7	12.7	140.9	-13.9	-93.4	-31.4	-12.8	31.7
3337	ok	0.0	0.4	1.10e-02	12.7	12.7	12.7	12.7	78.0	-13.4	-81.9	-19.5	-17.8	35.1
3338	ok	0.0	0.3	1.02e-02	12.7	12.7	12.7	12.7	61.6	-2.3	-92.8	-17.7	-14.8	30.8
3339	ok	0.0	0.3	1.25e-02	12.7	12.7	12.7	12.7	38.0	5.9	35.4	-12.1	-18.4	-30.2
3340	ok	0.0	0.3	1.07e-02	12.7	12.7	12.7	12.7	24.3	4.2	36.5	-32.4	-22.3	-21.6
3341	ok	0.0	0.9	1.84e-02	12.7	13.8	12.7	12.7	175.8	2.7	-72.6	183.4	33.3	31.6
3342	ok	0.0	0.8	1.81e-02	12.7	12.7	12.7	12.7	172.8	30.1	-82.2	129.1	24.2	31.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3343	ok	0.0	0.5	1.69e-02	12.7	12.7	12.7	12.7	130.8	17.5	-1.7	88.2	18.7	-3.3
3344	ok	0.0	0.4	1.92e-02	12.7	12.7	12.7	12.7	99.2	8.2	-113.0	54.6	13.9	-11.2
3345	ok	0.0	0.4	2.15e-02	12.7	12.7	12.7	12.7	-202.6	61.7	-22.0	69.9	-13.0	-17.1
3346	ok	0.0	0.9	1.85e-02	12.7	12.8	12.7	12.7	183.3	28.8	-68.6	169.8	3.0	25.2
3347	ok	0.0	0.8	1.79e-02	12.7	12.7	12.7	12.7	136.5	22.8	-97.0	157.0	16.1	-8.6
3348	ok	0.0	0.6	1.64e-02	12.7	12.7	12.7	12.7	110.6	-3.5	-126.2	97.6	23.7	-11.7
3349	ok	0.0	0.4	1.58e-02	12.7	12.7	12.7	12.7	98.2	6.7	-128.8	54.5	14.6	-7.7
3350	ok	0.0	0.3	1.66e-02	12.7	12.7	12.7	12.7	-126.4	90.1	8.4	44.0	-17.8	-14.8
3351	ok	0.0	1.0	2.04e-02	12.7	15.6	12.7	12.7	181.7	-53.9	-61.3	222.2	42.2	13.3
3352	ok	0.0	1.0	2.16e-02	12.7	13.1	12.7	12.7	151.6	22.0	-117.4	180.8	41.6	-27.7
3353	ok	0.0	0.6	2.01e-02	12.7	12.7	12.7	12.7	122.5	0.7	-108.6	89.3	36.5	-11.6
3354	ok	0.0	0.3	1.61e-02	12.7	12.7	12.7	12.7	116.1	-17.4	-154.0	29.8	26.3	11.0
3355	ok	0.0	0.4	1.22e-02	12.7	12.7	12.7	12.7	-33.1	141.9	58.8	40.2	-35.6	-18.4
3356	ok	0.0	0.5	7.27e-03	12.7	12.7	12.7	12.7	122.1	-4.9	-118.0	-68.1	-42.1	16.2
3357	ok	0.0	0.4	9.60e-03	12.7	12.7	12.7	12.7	112.3	-2.7	-86.8	-48.0	-29.6	11.6
3358	ok	0.0	0.2	9.71e-03	12.7	12.7	12.7	12.7	99.7	-11.7	41.3	-24.5	18.5	-5.1
3359	ok	0.0	0.4	1.04e-02	12.7	12.7	12.7	12.7	-118.0	29.4	-22.0	43.7	39.9	5.0
3360	ok	0.0	0.7	1.65e-02	12.7	12.7	12.7	12.7	-51.7	-46.9	58.3	94.5	84.3	-72.1
3361	ok	0.0	0.6	2.96e-02	12.7	12.7	12.7	12.7	-249.0	41.4	-34.8	102.4	54.9	-2.6
3362	ok	0.0	0.6	2.12e-02	12.7	12.7	12.7	12.7	265.8	-14.3	-117.8	-45.8	-6.8	29.6
3363	ok	0.0	0.6	1.42e-02	12.7	12.7	12.7	12.7	115.2	-23.3	-129.4	-65.0	-39.0	21.4
3364	ok	0.0	1.0	2.09e-02	12.7	21.2	12.7	13.3	183.1	-38.1	-10.4	245.9	101.5	100.1
3365	ok	0.0	0.7	1.96e-02	12.7	12.7	12.7	12.7	8.5	-11.3	72.6	98.2	67.7	-16.6
3366	ok	0.0	0.5	1.63e-02	12.7	12.7	12.7	12.7	27.3	-14.2	-34.3	-65.9	-20.5	19.4
3367	ok	0.0	0.5	2.30e-02	12.7	12.7	12.7	12.7	128.4	-10.5	44.0	-59.2	-23.4	15.0
3368	ok	0.0	0.8	2.91e-02	12.7	12.7	12.7	12.7	-208.4	-62.6	-70.0	105.1	82.6	-70.4
3369	ok	0.0	1.0	3.38e-03	12.7	15.8	12.7	15.1	-8.0	-6.4	2.8	142.1	171.1	85.0
3370	ok	0.0	0.6	3.11e-03	12.7	12.7	12.7	12.7	16.2	-19.3	-7.4	100.0	111.9	32.0
3371	ok	0.0	0.5	2.34e-03	12.7	12.7	12.7	12.7	22.8	14.1	5.6	13.9	99.9	53.6
3372	ok	0.0	0.5	2.43e-03	12.7	12.7	12.7	12.7	-15.5	-8.1	0.9	19.7	63.8	65.9
3373	ok	0.0	0.8	2.65e-03	12.7	12.7	12.7	12.7	21.9	14.3	4.8	57.1	135.3	69.7
3374	ok	0.0	0.6	2.49e-03	12.7	12.7	12.7	12.7	-15.2	-8.7	0.5	55.4	69.1	70.4
3375	ok	0.0	0.2	2.33e-03	12.7	12.7	12.7	12.7	22.5	14.2	7.5	-27.9	8.3	13.2
3376	ok	0.0	0.2	2.38e-03	12.7	12.7	12.7	12.7	23.3	14.5	7.3	-15.7	6.9	27.1
3377	ok	0.0	0.2	2.34e-03	12.7	12.7	12.7	12.7	22.7	13.9	7.2	-31.6	24.3	22.2
3378	ok	0.0	0.3	2.35e-03	12.7	12.7	12.7	12.7	22.8	13.6	6.8	-27.8	43.9	31.3
3379	ok	0.0	0.4	2.35e-03	12.7	12.7	12.7	12.7	22.9	13.5	6.4	-14.7	68.6	41.2
3380	ok	0.0	0.2	2.40e-03	12.7	12.7	12.7	12.7	23.4	14.2	7.0	-20.0	19.6	36.8
3381	ok	0.0	0.3	2.42e-03	12.7	12.7	12.7	12.7	-15.2	-7.1	0.5	-18.9	34.0	44.5
3382	ok	0.0	0.4	2.43e-03	12.7	12.7	12.7	12.7	-15.3	-7.3	0.6	-6.1	49.1	55.0
3383	ok	0.0	9.44e-02	2.30e-03	12.7	12.7	12.7	12.7	-13.8	-6.4	0.2	-9.7	-14.2	-3.0
3384	ok	0.0	9.40e-02	2.34e-03	12.7	12.7	12.7	12.7	23.1	15.2	7.9	6.0	-14.8	11.1
3385	ok	0.0	0.1	2.31e-03	12.7	12.7	12.7	12.7	22.6	14.7	7.9	-18.5	-7.7	6.6
3386	ok	0.0	0.1	2.36e-03	12.7	12.7	12.7	12.7	23.3	15.1	7.8	-7.0	-4.7	19.7
3387	ok	0.0	0.1	2.29e-03	12.7	12.7	12.7	12.7	-13.7	-6.6	1.62e-02	2.8	-21.8	-9.3
3388	ok	0.0	0.1	2.33e-03	12.7	12.7	12.7	12.7	22.9	15.5	8.0	17.0	-21.1	3.6
3389	ok	0.0	0.2	2.27e-03	12.7	12.7	12.7	12.7	-13.5	-6.6	-5.34e-02	15.0	-27.2	-16.5
3390	ok	0.0	0.1	2.31e-03	12.7	12.7	12.7	12.7	-13.9	-6.7	0.3	29.9	-27.4	-6.0
3391	ok	0.0	0.2	2.25e-03	12.7	12.7	12.7	12.7	-13.3	-6.5	-3.97e-02	31.6	-32.9	-27.3
3392	ok	0.0	0.2	2.27e-03	12.7	12.7	12.7	12.7	-13.6	-6.5	0.3	46.1	-35.4	-17.8
3393	ok	0.0	0.4	2.18e-03	12.7	12.7	12.7	12.7	-12.6	-6.7	-0.1	67.3	-40.8	-45.6
3394	ok	0.0	0.4	2.17e-03	12.7	12.7	12.7	12.7	-12.8	-6.7	0.4	75.6	-47.0	-40.0
3395	ok	0.0	0.3	2.22e-03	12.7	12.7	12.7	12.7	-13.0	-6.6	-8.47e-02	50.1	-37.8	-37.4
3396	ok	0.0	0.3	2.23e-03	12.7	12.7	12.7	12.7	-13.2	-6.6	0.3	62.5	-42.1	-29.9
3397	ok	0.0	0.5	2.04e-03	12.7	12.7	12.7	12.7	-11.4	-7.0	-6.76e-02	96.7	-44.9	-50.3
3398	ok	0.0	0.4	2.00e-03	12.7	12.7	12.7	12.7	-11.7	-6.8	0.6	90.6	-54.7	-46.0
3399	ok	0.0	0.4	2.12e-03	12.7	12.7	12.7	12.7	-12.1	-6.8	-0.1	83.1	-42.8	-50.5
3400	ok	0.0	0.4	2.09e-03	12.7	12.7	12.7	12.7	-12.3	-6.8	0.5	85.1	-51.0	-45.8
3401	ok	0.0	0.4	1.67e-03	12.7	12.7	12.7	12.7	17.5	21.8	4.7	99.0	-57.0	-16.9
3402	ok	0.0	0.3	1.72e-03	12.7	12.7	12.7	12.7	18.5	20.3	4.2	75.1	-66.3	-18.0
3403	ok	0.0	0.5	1.81e-03	12.7	12.7	12.7	12.7	18.1	21.6	6.2	105.0	-54.6	-33.8
3404	ok	0.0	0.5	1.94e-03	12.7	12.7	12.7	12.7	19.0	20.7	7.3	101.8	-51.1	-45.6
3405	ok	0.0	0.4	1.80e-03	12.7	12.7	12.7	12.7	19.0	20.2	5.4	84.8	-63.4	-31.4
3406	ok	0.0	0.4	1.90e-03	12.7	12.7	12.7	12.7	-11.1	-6.8	0.8	91.6	-58.5	-40.2
3407	ok	0.0	0.3	1.55e-03	12.7	12.7	12.7	12.7	16.8	19.6	1.6	25.2	-55.3	19.8
3408	ok	0.0	0.3	1.64e-03	12.7	12.7	12.7	12.7	17.7	18.8	1.4	14.2	-68.7	13.6
3409	ok	0.0	0.3	1.58e-03	12.7	12.7	12.7	12.7	17.1	21.0	3.0	70.2	-57.2	5.1
3410	ok	0.0	0.3	1.67e-03	12.7	12.7	12.7	12.7	18.0	19.5	2.5	48.9	-67.9	1.7
3411	ok	0.0	0.3	1.52e-03	12.7	12.7	12.7	12.7	-9.0	-2.4	0.6	-16.7	-53.7	20.9
3412	ok	0.0	0.3	1.61e-03	12.7	12.7	12.7	12.7	-9.6	-2.7	0.8	-20.8	-67.3	16.8
3413	ok	0.0	0.3	1.49e-03	12.7	12.7	12.7	12.7	-8.8	-1.9	0.4	-39.1	-56.2	20.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3414	ok	0.0	0.3	1.59e-03	12.7	12.7	12.7	12.7	-9.5	-2.3	0.7	-40.1	-68.7	17.6
3415	ok	0.0	0.4	1.39e-03	12.7	12.7	12.7	12.7	15.0	19.8	-3.65e-02	-95.8	-72.1	12.5
3416	ok	0.0	0.4	1.48e-03	12.7	12.7	12.7	12.7	15.8	19.3	-0.7	-92.3	-78.8	14.1
3417	ok	0.0	0.4	1.44e-03	12.7	12.7	12.7	12.7	15.7	19.5	0.5	-68.9	-64.8	17.2
3418	ok	0.0	0.4	1.54e-03	12.7	12.7	12.7	12.7	-9.2	-1.6	0.4	-69.5	-72.0	16.6
3419	ok	0.0	0.6	1.19e-03	12.7	12.7	12.7	12.7	12.6	21.4	-1.6	-134.2	-101.5	-3.6
3420	ok	0.0	0.6	1.23e-03	12.7	12.7	12.7	12.7	13.2	21.0	-2.5	-129.5	-101.6	3.5
3421	ok	0.0	0.6	1.24e-03	12.7	12.7	12.7	12.7	13.2	21.0	-1.3	-132.2	-94.0	0.3
3422	ok	0.0	0.5	1.29e-03	12.7	12.7	12.7	12.7	13.9	20.6	-0.9	-125.3	-86.5	4.2
3423	ok	0.0	0.5	1.34e-03	12.7	12.7	12.7	12.7	14.5	20.2	-0.5	-113.2	-79.1	8.3
3424	ok	0.0	0.6	1.30e-03	12.7	12.7	12.7	12.7	13.9	20.5	-2.1	-127.7	-95.1	6.2
3425	ok	0.0	0.5	1.36e-03	12.7	12.7	12.7	12.7	14.5	20.1	-1.7	-121.0	-89.0	8.9
3426	ok	0.0	0.5	1.42e-03	12.7	12.7	12.7	12.7	15.2	19.7	-1.2	-109.2	-83.5	11.5
3427	ok	0.0	0.6	1.10e-03	12.7	12.7	12.7	12.7	11.5	21.9	-2.1	-128.0	-113.0	-9.5
3428	ok	0.0	0.5	1.11e-03	12.7	12.7	12.7	12.7	12.0	21.5	-3.0	-122.8	-112.0	-0.9
3429	ok	0.0	0.6	9.78e-04	12.7	12.7	12.7	12.7	10.0	22.3	-2.7	-106.8	-127.2	-17.0
3430	ok	0.0	0.6	9.46e-04	12.7	12.7	12.7	12.7	10.5	22.0	-3.7	-101.3	-125.7	-7.4
3431	ok	0.0	0.6	1.04e-03	12.7	12.7	12.7	12.7	10.8	22.1	-2.4	-119.0	-120.1	-13.3
3432	ok	0.0	0.5	1.03e-03	12.7	12.7	12.7	12.7	11.3	21.8	-3.3	-113.6	-118.9	-4.0
3433	ok	0.0	0.6	8.95e-04	12.7	12.7	12.7	12.7	9.1	22.5	-3.1	-90.6	-134.5	-20.7
3434	ok	0.0	0.6	8.42e-04	12.7	12.7	12.7	12.7	9.6	22.0	-4.1	-85.8	-132.5	-11.1
3435	ok	0.0	0.6	7.61e-04	12.7	12.7	12.7	12.7	7.9	22.4	-3.6	-68.2	-143.1	-23.9
3436	ok	0.0	0.6	7.12e-04	12.7	12.7	12.7	12.7	8.4	21.9	-4.7	-65.1	-140.3	-14.8
3437	ok	0.0	0.7	6.35e-04	12.7	12.7	12.7	12.7	6.1	21.8	-4.4	-36.1	-153.5	-23.3
3438	ok	0.0	0.7	6.15e-04	12.7	12.7	12.7	12.7	6.7	21.3	-5.6	-37.1	-148.7	-16.4
3439	ok	0.0	0.7	6.44e-04	12.7	12.7	12.7	12.7	7.0	22.2	-4.0	-51.8	-148.6	-24.4
3440	ok	0.0	0.6	6.59e-04	12.7	12.7	12.7	12.7	7.6	21.6	-5.1	-50.6	-144.9	-16.3
3441	ok	0.0	0.7	7.00e-04	12.7	12.7	12.7	12.7	4.5	20.7	-4.9	-13.7	-159.2	-17.6
3442	ok	0.0	0.7	6.94e-04	12.7	12.7	12.7	12.7	5.0	20.6	-6.0	-17.2	-152.7	-13.7
3443	ok	0.0	0.7	7.09e-04	12.7	12.7	12.7	12.7	5.3	21.3	-4.7	-23.9	-156.8	-21.0
3444	ok	0.0	0.7	6.38e-04	12.7	12.7	12.7	12.7	5.8	21.0	-5.8	-26.5	-151.1	-15.4
3445	ok	0.0	0.7	7.12e-04	12.7	12.7	12.7	12.7	3.2	19.4	-4.9	-1.0	-160.7	-11.5
3446	ok	0.0	0.7	7.07e-04	12.7	12.7	12.7	12.7	3.7	19.6	-6.0	-4.4	-153.8	-10.1
3447	ok	0.0	0.7	7.40e-04	12.7	12.7	12.7	12.7	2.1	17.8	-4.6	4.7	-160.1	-6.8
3448	ok	0.0	0.7	7.58e-04	12.7	12.7	12.7	12.7	-0.4	9.6	-0.6	7.9	-150.4	-6.3
3449	ok	0.0	0.7	7.30e-04	12.7	12.7	12.7	12.7	1.6	17.1	-4.4	7.7	-160.4	-7.1
3450	ok	0.0	0.7	7.87e-04	12.7	12.7	12.7	12.7	-0.2	10.7	-0.9	10.5	-149.7	-6.5
3451	ok	0.0	0.8	7.41e-03	12.7	12.7	12.7	12.7	3.7	102.7	-31.0	14.0	137.4	-34.7
3452	ok	0.0	0.6	1.01e-03	12.7	12.7	12.7	12.7	0.4	13.8	-2.2	8.9	-143.9	-3.8
3453	ok	0.0	0.4	5.56e-04	12.7	12.7	12.7	12.7	1.0	16.5	-5.0	31.4	65.6	-44.1
3454	ok	0.0	0.8	5.30e-03	12.7	12.7	12.7	12.7	16.3	71.0	-33.5	40.8	117.4	-76.5
3455	ok	0.0	0.4	1.13e-03	12.7	12.7	12.7	12.7	3.0	9.7	-5.7	-24.1	-43.7	37.1
3456	ok	0.0	0.3	2.29e-03	12.7	12.7	12.7	12.7	-5.7	-17.6	10.5	14.9	-65.7	-23.2
3457	ok	0.0	0.9	2.33e-03	12.7	12.7	12.7	13.8	7.5	16.2	-10.0	63.7	147.5	-88.0
3458	ok	0.0	0.2	2.43e-03	12.7	12.7	12.7	12.7	-0.8	-10.7	3.8	1.1	-43.5	1.3
3459	ok	0.0	1.0	4.83e-03	12.7	12.7	12.7	20.4	31.6	59.2	-4.2	15.7	348.6	6.4
3460	ok	0.0	0.8	9.69e-04	12.7	12.7	12.7	12.7	10.6	56.5	6.0	-1.7	186.2	14.8
3461	ok	0.0	0.1	1.54e-03	12.7	12.7	12.7	12.7	-7.5	-3.0	-4.8	6.7	20.2	7.4
3462	ok	0.0	0.3	1.79e-03	12.7	12.7	12.7	12.7	13.4	-4.2	-9.6	59.5	28.4	25.4
3463	ok	0.0	0.9	6.34e-03	12.7	12.7	12.7	12.7	-6.7	5.5	9.0	-18.9	-205.3	-23.1
3464	ok	0.0	0.4	4.37e-03	12.7	12.7	12.7	12.7	2.7	-4.8	7.3	26.9	85.1	-21.8
3465	ok	0.0	0.4	6.62e-03	12.7	12.7	12.7	12.7	3.1	122.9	-5.0	6.7	65.9	15.5
3466	ok	0.0	0.5	1.18e-03	12.7	12.7	12.7	12.7	-5.5	-5.0	-4.5	-109.8	-31.4	-31.8
3467	ok	0.0	0.2	3.96e-03	12.7	12.7	12.7	12.7	1.9	83.9	-1.2	1.9	35.2	-4.7
3468	ok	0.0	0.2	2.17e-03	12.7	12.7	12.7	12.7	2.5	0.8	1.5	-40.1	-15.1	-25.8
3469	ok	0.0	1.0	5.85e-03	12.7	16.4	12.7	13.7	-36.3	-25.6	-12.8	165.2	193.8	68.2
3470	ok	0.0	0.9	3.80e-03	12.7	12.7	12.7	12.7	16.5	6.3	33.8	164.0	68.9	63.6
3471	ok	0.0	0.6	8.71e-03	12.7	12.7	12.7	12.7	-57.1	-84.4	-31.2	11.9	117.1	24.4
3472	ok	0.0	0.7	1.87e-03	12.7	12.7	12.7	12.7	-9.5	-3.3	-5.6	-122.3	-34.7	-67.1
3473	ok	0.0	3.06e-02	2.62e-04	12.7	12.7	12.7	12.7	0.2	-1.2	-0.8	-0.1	-4.8	3.9
3474	ok	0.0	0.6	4.18e-03	12.7	12.7	12.7	12.7	-27.5	-14.2	-22.1	95.1	72.3	25.0
3475	ok	0.0	0.3	3.48e-03	12.7	12.7	12.7	12.7	-27.0	-9.8	-22.1	62.3	47.2	21.9
3476	ok	0.0	0.2	3.32e-03	12.7	12.7	12.7	12.7	-25.4	-4.7	-16.7	26.1	34.7	13.3
3477	ok	0.0	0.2	2.76e-03	12.7	12.7	12.7	12.7	14.5	-8.3	1.1	-41.5	-8.1	-11.2
3478	ok	0.0	0.2	3.01e-03	12.7	12.7	12.7	12.7	24.3	-0.5	7.7	-22.0	3.8	-14.2
3479	ok	0.0	0.2	2.71e-03	12.7	12.7	12.7	12.7	14.9	5.3	3.4	-47.0	-24.0	9.4
3480	ok	0.0	0.3	2.72e-03	12.7	12.7	12.7	12.7	15.5	4.3	2.9	-56.8	-21.9	1.4
3481	ok	0.0	0.3	2.73e-03	12.7	12.7	12.7	12.7	16.1	3.2	2.3	-59.7	-17.8	-3.9
3482	ok	0.0	0.3	2.74e-03	12.7	12.7	12.7	12.7	16.8	2.2	1.8	-55.2	-11.3	-6.5
3483	ok	0.0	0.2	2.64e-03	12.7	12.7	12.7	12.7	8.2	-16.7	-13.0	24.7	-19.2	32.7
3484	ok	0.0	0.2	2.67e-03	12.7	12.7	12.7	12.7	14.1	7.0	4.2	-11.6	-22.8	31.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3485	ok	0.0	0.2	2.69e-03	12.7	12.7	12.7	12.7	14.5	6.3	3.8	-31.8	-24.1	19.3
3486	ok	0.0	0.3	2.63e-03	12.7	12.7	12.7	12.7	14.5	7.3	5.0	40.2	-18.8	53.9
3487	ok	0.0	0.5	2.71e-03	12.7	12.7	12.7	12.7	17.6	5.8	3.3	104.0	-23.8	30.5
3488	ok	0.0	0.5	2.65e-03	12.7	12.7	12.7	12.7	16.8	5.6	4.3	97.3	-22.6	51.2
3489	ok	0.0	0.4	2.64e-03	12.7	12.7	12.7	12.7	15.3	6.5	5.0	70.7	-19.3	58.8
3490	ok	0.0	0.4	2.76e-03	12.7	12.7	12.7	12.7	-17.7	-4.5	-4.5	80.8	-21.9	7.0
3491	ok	0.0	0.4	2.72e-03	12.7	12.7	12.7	12.7	19.3	12.0	4.1	-99.2	-13.9	-5.2
3492	ok	0.0	0.4	2.73e-03	12.7	12.7	12.7	12.7	19.4	11.5	3.5	-77.6	-13.9	-9.3
3493	ok	0.0	0.2	2.73e-03	12.7	12.7	12.7	12.7	8.2	-10.4	-17.4	-50.1	-13.7	-9.7
3494	ok	0.0	0.1	2.72e-03	12.7	12.7	12.7	12.7	8.4	-11.8	-17.6	-23.9	-13.6	-10.4
3495	ok	0.0	0.2	2.72e-03	12.7	12.7	12.7	12.7	-18.0	-5.0	-4.1	38.6	-15.3	-8.7
3496	ok	0.0	0.5	2.66e-03	12.7	12.7	12.7	12.7	18.9	12.9	5.7	-118.9	8.0	9.5
3497	ok	0.0	0.5	2.68e-03	12.7	12.7	12.7	12.7	19.4	12.9	5.3	-120.2	-6.2	4.9
3498	ok	0.0	0.5	2.70e-03	12.7	12.7	12.7	12.7	19.3	12.5	4.6	-113.4	-11.6	-0.5
3499	ok	0.0	1.0	4.00e-03	19.8	46.1	21.3	46.8	2.8	-21.0	-11.6	600.3	624.6	192.8
3500	ok	0.0	1.0	4.47e-03	17.6	22.2	12.7	19.2	-15.1	-9.5	-8.0	312.8	198.4	94.7
3501	ok	0.0	0.6	2.92e-03	12.7	12.7	12.7	12.7	-12.4	-9.6	-17.6	45.7	112.4	24.6
3502	ok	0.0	0.4	2.67e-03	12.7	12.7	12.7	12.7	19.1	13.0	7.8	-53.8	86.3	23.1
3503	ok	0.0	0.4	2.64e-03	12.7	12.7	12.7	12.7	19.1	13.4	7.0	-87.4	50.9	19.7
3504	ok	0.0	0.5	2.65e-03	12.7	12.7	12.7	12.7	19.0	13.0	6.1	-113.8	17.8	12.9
3505	ok	0.0	1.0	4.14e-03	20.0	26.0	12.7	21.1	-4.5	23.3	7.5	319.0	224.6	143.3
3506	ok	0.0	0.5	2.27e-03	12.7	12.7	12.7	12.7	22.3	12.8	5.4	5.9	117.5	23.6
3507	ok	0.0	0.8	2.40e-03	12.7	12.7	12.7	12.7	22.2	14.9	3.6	49.8	172.2	30.0
3508	ok	0.0	0.2	2.28e-03	12.7	12.7	12.7	12.7	21.9	13.9	7.6	-36.8	8.6	1.2
3509	ok	0.0	0.2	2.29e-03	12.7	12.7	12.7	12.7	22.0	13.6	7.3	-39.9	25.0	8.3
3510	ok	0.0	0.2	2.29e-03	12.7	12.7	12.7	12.7	22.1	13.2	6.9	-35.7	46.4	14.5
3511	ok	0.0	0.3	2.28e-03	12.7	12.7	12.7	12.7	22.2	13.0	6.4	-21.9	75.5	19.7
3512	ok	0.0	0.2	2.27e-03	12.7	12.7	12.7	12.7	22.0	15.0	8.3	-20.0	-13.9	-11.1
3513	ok	0.0	0.2	2.28e-03	12.7	12.7	12.7	12.7	-13.6	-6.3	0.1	-29.7	-4.9	-5.7
3514	ok	0.0	0.2	2.26e-03	12.7	12.7	12.7	12.7	21.9	15.3	8.4	-9.9	-19.8	-17.3
3515	ok	0.0	0.2	2.25e-03	12.7	12.7	12.7	12.7	-13.2	-6.5	-0.3	5.2	-24.2	-23.7
3516	ok	0.0	0.2	2.24e-03	12.7	12.7	12.7	12.7	-13.1	-6.4	-0.3	22.5	-27.8	-33.5
3517	ok	0.0	0.4	2.20e-03	12.7	12.7	12.7	12.7	21.0	17.7	8.8	59.8	-33.7	-48.9
3518	ok	0.0	0.3	2.22e-03	12.7	12.7	12.7	12.7	-12.8	-6.5	-0.4	42.8	-30.3	-41.9
3519	ok	0.0	0.5	2.12e-03	12.7	12.7	12.7	12.7	19.9	20.0	8.8	98.2	-32.7	-54.5
3520	ok	0.0	0.4	2.17e-03	12.7	12.7	12.7	12.7	20.6	18.7	8.8	79.2	-33.3	-53.6
3521	ok	0.0	0.5	1.71e-03	12.7	12.7	12.7	12.7	16.7	23.4	5.2	125.1	-39.2	-15.4
3522	ok	0.0	0.6	1.91e-03	12.7	12.7	12.7	12.7	17.5	22.9	7.1	126.0	-37.7	-36.5
3523	ok	0.0	0.6	2.05e-03	12.7	12.7	12.7	12.7	18.8	21.6	8.3	115.0	-34.3	-49.7
3524	ok	0.0	0.2	1.47e-03	12.7	12.7	12.7	12.7	16.4	20.5	2.2	34.8	-36.4	24.7
3525	ok	0.0	0.4	1.52e-03	12.7	12.7	12.7	12.7	16.4	22.1	3.1	91.1	-38.9	11.3
3526	ok	0.0	0.2	1.44e-03	12.7	12.7	12.7	12.7	-8.4	-2.2	0.4	-14.9	-35.7	23.1
3527	ok	0.0	0.3	1.41e-03	12.7	12.7	12.7	12.7	15.6	19.9	1.6	-35.1	-43.6	21.9
3528	ok	0.0	0.4	1.33e-03	12.7	12.7	12.7	12.7	14.4	20.3	0.5	-99.4	-63.3	9.5
3529	ok	0.0	0.4	1.37e-03	12.7	12.7	12.7	12.7	15.0	20.0	1.0	-71.5	-52.8	15.8
3530	ok	0.0	0.6	1.18e-03	12.7	12.7	12.7	12.7	12.2	21.7	-1.1	-138.1	-98.8	-9.7
3531	ok	0.0	0.6	1.22e-03	12.7	12.7	12.7	12.7	12.8	21.4	-0.7	-136.1	-90.5	-5.3
3532	ok	0.0	0.6	1.25e-03	12.7	12.7	12.7	12.7	13.3	21.0	-0.3	-129.1	-81.8	-0.7
3533	ok	0.0	0.5	1.29e-03	12.7	12.7	12.7	12.7	13.9	20.6	2.28e-02	-117.1	-72.5	4.3
3534	ok	0.0	0.6	1.13e-03	12.7	12.7	12.7	12.7	11.3	22.1	-1.5	-132.1	-110.7	-16.2
3535	ok	0.0	0.6	1.05e-03	12.7	12.7	12.7	12.7	9.9	22.6	-1.9	-110.6	-124.5	-24.6
3536	ok	0.0	0.6	1.09e-03	12.7	12.7	12.7	12.7	10.6	22.4	-1.7	-123.1	-117.7	-20.5
3537	ok	0.0	0.6	9.90e-04	12.7	12.7	12.7	12.7	8.9	22.8	-2.2	-93.6	-131.7	-28.5
3538	ok	0.0	0.7	8.79e-04	12.7	12.7	12.7	12.7	7.7	22.8	-2.7	-69.1	-140.5	-31.6
3539	ok	0.0	0.7	6.97e-04	12.7	12.7	12.7	12.7	5.9	22.1	-3.5	-32.7	-151.9	-29.7
3540	ok	0.0	0.7	7.70e-04	12.7	12.7	12.7	12.7	6.8	22.6	-3.1	-50.6	-146.4	-31.8
3541	ok	0.0	0.7	7.19e-04	12.7	12.7	12.7	12.7	4.3	20.8	-4.0	-7.7	-158.5	-21.3
3542	ok	0.0	0.7	7.25e-04	12.7	12.7	12.7	12.7	5.1	21.6	-3.8	-19.0	-155.8	-26.1
3543	ok	0.0	0.7	7.20e-04	12.7	12.7	12.7	12.7	3.0	19.3	-4.0	5.1	-160.4	-12.7
3544	ok	0.0	0.7	7.19e-04	12.7	12.7	12.7	12.7	1.9	17.5	-3.8	8.5	-159.6	-6.4
3545	ok	0.0	0.7	6.85e-04	12.7	12.7	12.7	12.7	1.4	16.3	-3.6	10.7	-159.3	-5.9
3546	ok	0.0	0.2	2.36e-03	12.7	12.7	12.7	12.7	-15.7	-5.4	-9.1	38.3	10.2	18.1
3547	ok	0.0	0.7	1.84e-03	12.7	12.7	12.7	12.7	9.4	21.3	-11.4	25.2	112.3	-64.2
3548	ok	0.0	1.0	7.27e-03	12.7	24.4	12.7	14.9	6.0	23.4	-15.6	249.6	159.4	-109.3
3549	ok	0.0	0.4	1.40e-03	12.7	12.7	12.7	12.7	3.9	11.7	-7.0	-20.3	-19.9	28.5
3550	ok	0.0	0.8	6.20e-03	12.7	12.7	12.7	12.7	-9.4	113.6	-6.9	11.6	162.2	-43.8
3551	ok	0.0	0.6	3.33e-03	12.7	12.7	12.7	12.7	23.8	4.5	0.9	133.8	23.8	40.6
3552	ok	0.0	0.4	1.42e-03	12.7	12.7	12.7	12.7	0.4	13.5	-2.4	9.6	-99.2	-8.7
3553	ok	0.0	0.5	2.75e-05	12.7	12.7	12.7	12.7	5.5	17.2	-10.0	-35.3	-81.5	56.7
3554	ok	0.0	0.4	1.55e-03	12.7	12.7	12.7	12.7	0.6	15.3	-3.1	-2.7	-89.0	15.9
3555	ok	0.0	0.2	1.68e-03	12.7	12.7	12.7	12.7	-0.8	4.8	0.2	50.6	0.4	-4.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3556	ok	0.0	0.3	8.57e-03	12.7	12.7	12.7	12.7	-78.6	-5.0	12.7	34.6	30.4	-41.0
3557	ok	0.0	0.3	4.07e-04	12.7	12.7	12.7	12.7	4.9	27.0	-9.9	-31.0	-50.6	8.3
3558	ok	0.0	0.5	2.69e-03	12.7	12.7	12.7	12.7	7.8	204.3	-9.7	-4.6	-52.7	-43.8
3559	ok	0.0	0.8	5.18e-03	12.7	12.7	12.7	12.7	-0.4	236.3	1.8	-4.6	-115.9	-41.9
3560	ok	0.0	0.9	7.82e-03	12.7	12.7	13.4	12.7	-10.6	158.7	16.6	-8.7	-181.5	-31.2
3561	ok	0.0	0.7	2.05e-03	12.7	12.7	12.7	12.7	-0.6	4.8	-4.3	-38.5	148.4	52.7
3562	ok	0.0	0.7	1.10e-02	12.7	12.7	12.7	12.7	-65.7	-124.6	23.7	17.5	-119.8	-7.7
3563	ok	0.0	0.1	3.00e-03	12.7	12.7	12.7	12.7	0.6	6.0	1.1	1.6	11.4	-6.0
3564	ok	0.0	0.7	4.36e-03	12.7	12.7	12.7	12.7	0.3	64.2	14.6	9.9	149.8	-4.2
3565	ok	0.0	0.4	7.09e-04	12.7	12.7	12.7	12.7	-0.9	-7.9	-1.6	-5.4	-88.8	15.6
3566	ok	0.0	0.9	8.66e-03	12.7	12.7	13.4	12.7	-11.2	40.8	26.8	-10.8	-216.9	-14.7
3567	ok	0.0	1.0	1.97e-02	12.7	12.7	22.2	24.7	-35.6	98.7	46.2	31.0	370.9	-47.8
3568	ok	0.0	0.6	1.07e-02	12.7	12.7	12.7	12.7	-4.7	-118.9	34.4	-8.2	-109.6	-4.4
3569	ok	0.0	0.9	5.68e-03	12.7	12.7	23.5	12.7	-21.9	32.2	4.8	-24.4	-287.2	133.4
3570	ok	0.0	0.1	2.37e-03	12.7	12.7	12.7	12.7	1.1	-7.7	1.5	1.7	31.1	-8.4
3571	ok	0.0	0.2	1.80e-03	12.7	12.7	12.7	12.7	1.5	0.9	2.6	2.4	56.6	-7.2
3572	ok	0.0	0.2	3.69e-04	12.7	12.7	12.7	12.7	1.4	9.0	-2.9	-14.0	-42.8	12.0
3573	ok	0.0	0.8	5.34e-03	12.7	12.7	12.7	12.7	8.6	264.7	11.4	-4.0	-107.3	57.3
3574	ok	0.0	0.9	4.19e-03	12.7	12.7	18.1	12.9	-10.5	226.2	-18.3	-10.2	-222.4	59.2
3575	ok	0.0	0.4	4.53e-03	12.7	12.7	12.7	12.7	-1.9	-53.4	1.3	-2.5	-54.5	-5.6
3576	ok	0.0	0.3	5.79e-03	12.7	12.7	12.7	12.7	9.5	49.1	4.8	1.4	63.0	0.2
3577	ok	0.0	0.4	1.21e-03	12.7	12.7	12.7	12.7	3.0	19.6	2.2	0.1	89.1	-4.2
3578	ok	0.0	0.4	9.36e-04	12.7	12.7	12.7	12.7	0.1	-6.9	-6.6	-4.2	-85.9	18.8
3579	ok	0.0	0.5	3.67e-04	12.7	12.7	12.7	12.7	0.2	9.0	-2.7	-0.6	-120.9	11.8
3580	ok	0.0	6.09e-02	4.43e-04	12.7	12.7	12.7	12.7	1.0	2.3	-2.2	-2.8	-3.1	10.7
3581	ok	0.0	0.2	1.00e-03	12.7	12.7	12.7	12.7	0.2	-7.8	-1.7	0.2	-29.8	26.6
3582	ok	0.0	0.4	1.43e-03	12.7	12.7	12.7	12.7	-8.7	-3.8	-5.4	-78.3	-10.2	-31.7
3583	ok	0.0	0.2	8.82e-04	12.7	12.7	12.7	12.7	-0.2	-2.8	1.6	2.0	42.4	12.3
3584	ok	0.0	0.1	7.18e-04	12.7	12.7	12.7	12.7	-0.2	-1.8	1.2	1.4	22.8	12.1
3585	ok	0.0	6.95e-02	5.61e-04	12.7	12.7	12.7	12.7	-0.2	-1.0	0.8	0.4	8.1	11.4
3586	ok	0.0	0.6	8.13e-04	12.7	12.7	12.7	12.7	-0.3	7.5	1.6	-35.9	-135.4	14.7
3587	ok	0.0	0.7	1.49e-03	12.7	12.7	12.7	12.7	0.3	2.3	1.3	-135.9	-60.9	-69.9
3588	ok	0.0	2.97e-02	1.76e-04	12.7	12.7	12.7	12.7	0.2	-1.0	-0.7	2.42e-02	-5.4	3.5
3589	ok	0.0	6.32e-02	3.25e-04	12.7	12.7	12.7	12.7	0.8	1.5	-1.6	-3.7	-5.4	9.6
3590	ok	0.0	6.27e-02	3.74e-04	12.7	12.7	12.7	12.7	0.8	1.9	-1.9	-3.3	-4.8	10.2
3591	ok	0.0	2.96e-02	3.73e-04	12.7	12.7	12.7	12.7	0.3	3.1	-1.0	-0.2	-3.2	4.4
3592	ok	0.0	0.2	1.10e-03	12.7	12.7	12.7	12.7	2.83e-02	-3.3	5.77e-02	0.3	42.3	4.0
3593	ok	0.0	9.70e-02	8.38e-04	12.7	12.7	12.7	12.7	3.18e-02	-1.7	3.20e-02	0.4	23.0	3.8
3594	ok	0.0	0.6	1.11e-03	12.7	12.7	12.7	12.7	-0.9	8.3	2.5	-15.4	-131.3	12.3
3595	ok	0.0	4.02e-02	5.72e-04	12.7	12.7	12.7	12.7	5.61e-02	-1.0	1.54e-02	0.3	8.8	3.1
3596	ok	0.0	0.3	4.00e-03	12.7	12.7	12.7	12.7	-26.1	-12.6	-21.7	67.9	39.3	20.6
3597	ok	0.0	0.1	1.06e-03	12.7	12.7	12.7	12.7	0.2	-8.4	-1.2	-1.7	-31.8	6.7
3598	ok	0.0	0.2	1.45e-03	12.7	12.7	12.7	12.7	1.3	-4.4	-0.9	-47.1	-13.2	-18.1
3599	ok	0.0	0.2	3.51e-03	12.7	12.7	12.7	12.7	-26.5	-12.1	-20.0	40.7	30.1	12.2
3600	ok	0.0	0.1	3.69e-03	12.7	12.7	12.7	12.7	-28.3	-11.9	-19.7	22.7	16.4	12.3
3601	ok	0.0	0.1	1.21e-03	12.7	12.7	12.7	12.7	-0.2	16.4	1.3	1.7	20.7	10.5
3602	ok	0.0	0.1	3.46e-03	12.7	12.7	12.7	12.7	-25.9	-10.0	-20.0	22.0	23.6	8.3
3603	ok	0.0	0.2	3.70e-03	12.7	12.7	12.7	12.7	26.2	8.0	14.9	-11.1	-8.4	-16.8
3604	ok	0.0	0.3	3.91e-03	12.7	12.7	12.7	12.7	8.4	0.8	2.6	-49.2	-16.8	-22.7
3605	ok	0.0	0.2	3.15e-03	12.7	12.7	12.7	12.7	12.6	-8.6	1.3	-41.1	-11.6	-15.4
3606	ok	0.0	0.2	3.42e-03	12.7	12.7	12.7	12.7	11.9	0.9	2.7	-47.0	-12.7	-18.2
3607	ok	0.0	0.2	3.91e-03	12.7	12.7	12.7	12.7	13.4	5.4	7.7	-34.8	-14.9	-20.4
3608	ok	0.0	0.2	3.31e-03	12.7	12.7	12.7	12.7	14.4	5.3	6.3	-31.5	-4.4	-15.5
3609	ok	0.0	0.2	3.64e-03	12.7	12.7	12.7	12.7	12.3	5.9	6.4	-33.7	-10.6	-18.3
3610	ok	0.0	0.2	2.90e-03	12.7	12.7	12.7	12.7	9.5	4.2	3.9	-17.5	-33.7	-7.8
3611	ok	0.0	0.2	2.65e-03	12.7	12.7	12.7	12.7	13.3	4.9	3.8	-37.1	-31.3	5.0
3612	ok	0.0	0.2	2.69e-03	12.7	12.7	12.7	12.7	-15.3	-6.1	-8.5	-27.4	-31.2	-5.2
3613	ok	0.0	0.2	3.15e-03	12.7	12.7	12.7	12.7	9.3	3.0	3.5	-35.0	-30.8	-14.1
3614	ok	0.0	0.3	3.38e-03	12.7	12.7	12.7	12.7	9.1	2.0	3.1	-46.1	-27.2	-19.2
3615	ok	0.0	0.3	3.64e-03	12.7	12.7	12.7	12.7	8.8	1.2	2.8	-51.0	-22.7	-22.3
3616	ok	0.0	0.2	2.65e-03	12.7	12.7	12.7	12.7	13.6	3.8	3.4	-49.7	-27.4	-3.1
3617	ok	0.0	0.3	2.85e-03	12.7	12.7	12.7	12.7	14.0	2.7	2.9	-55.5	-22.3	-8.7
3618	ok	0.0	0.3	3.00e-03	12.7	12.7	12.7	12.7	14.5	1.8	2.5	-54.1	-15.6	-11.9
3619	ok	0.0	0.2	2.90e-03	12.7	12.7	12.7	12.7	11.6	3.4	3.6	-42.3	-30.7	-8.7
3620	ok	0.0	0.3	3.08e-03	12.7	12.7	12.7	12.7	11.7	2.3	3.2	-50.9	-25.8	-14.1
3621	ok	0.0	0.3	3.26e-03	12.7	12.7	12.7	12.7	11.8	1.5	2.9	-52.5	-19.8	-17.3
3622	ok	0.0	0.3	2.48e-03	12.7	12.7	12.7	12.7	10.4	8.3	3.5	53.8	-48.6	21.7
3623	ok	0.0	0.2	2.61e-03	12.7	12.7	12.7	12.7	13.2	7.3	4.5	23.9	-39.8	38.5
3624	ok	0.0	0.3	2.55e-03	12.7	12.7	12.7	12.7	12.0	7.6	4.0	36.9	-49.8	30.7
3625	ok	0.0	0.2	2.52e-03	12.7	12.7	12.7	12.7	18.7	12.0	8.2	29.7	-42.8	10.5
3626	ok	0.0	0.2	2.57e-03	12.7	12.7	12.7	12.7	-23.3	14.0	-3.1	-14.3	-31.3	1.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3627	ok	0.0	0.2	2.63e-03	12.7	12.7	12.7	12.7	22.9	11.3	8.7	1.7	-36.6	27.0
3628	ok	0.0	0.2	2.64e-03	12.7	12.7	12.7	12.7	13.0	5.9	4.1	-20.0	-34.4	14.9
3629	ok	0.0	0.2	2.58e-03	12.7	12.7	12.7	12.7	20.9	11.5	8.6	14.9	-44.4	19.6
3630	ok	0.0	0.2	2.59e-03	12.7	12.7	12.7	12.7	-22.9	16.6	-3.0	-21.5	-29.6	7.0
3631	ok	0.0	0.3	2.42e-03	12.7	12.7	12.7	12.7	11.3	8.9	2.5	68.3	-53.5	35.5
3632	ok	0.0	0.3	2.58e-03	12.7	12.7	12.7	12.7	13.8	7.3	4.3	46.0	-42.8	48.1
3633	ok	0.0	0.3	2.50e-03	12.7	12.7	12.7	12.7	12.6	7.9	3.4	54.1	-54.7	41.3
3634	ok	0.0	0.3	2.42e-03	12.7	12.7	12.7	12.7	14.8	7.6	0.5	38.5	-58.7	39.8
3635	ok	0.0	0.4	2.56e-03	12.7	12.7	12.7	12.7	16.6	6.8	2.3	71.9	-49.7	33.2
3636	ok	0.0	0.3	2.47e-03	12.7	12.7	12.7	12.7	15.6	7.4	1.4	51.7	-60.6	36.5
3637	ok	0.0	0.3	2.37e-03	12.7	12.7	12.7	12.7	13.7	8.2	0.6	57.6	-57.8	46.5
3638	ok	0.0	0.4	2.37e-03	12.7	12.7	12.7	12.7	12.5	8.8	1.4	68.9	-56.8	44.9
3639	ok	0.0	0.4	2.56e-03	12.7	12.7	12.7	12.7	15.7	6.7	3.1	74.9	-49.5	46.4
3640	ok	0.0	0.4	2.57e-03	12.7	12.7	12.7	12.7	14.7	7.0	3.8	64.7	-46.4	51.9
3641	ok	0.0	0.3	2.46e-03	12.7	12.7	12.7	12.7	14.6	7.6	1.9	62.5	-60.4	45.4
3642	ok	0.0	0.3	2.47e-03	12.7	12.7	12.7	12.7	13.6	7.8	2.7	63.2	-58.3	47.1
3643	ok	0.0	0.3	2.46e-03	12.7	12.7	12.7	12.7	15.5	7.3	0.8	14.3	-60.0	28.2
3644	ok	0.0	0.2	2.56e-03	12.7	12.7	12.7	12.7	-17.5	-5.1	-4.2	51.9	-46.8	17.1
3645	ok	0.0	0.3	2.50e-03	12.7	12.7	12.7	12.7	16.2	7.7	1.3	30.3	-59.0	23.2
3646	ok	0.0	0.4	2.47e-03	12.7	12.7	12.7	12.7	15.7	10.2	4.3	-88.4	-61.6	9.8
3647	ok	0.0	0.4	2.62e-03	12.7	12.7	12.7	12.7	18.1	11.5	4.2	-95.9	-30.6	0.1
3648	ok	0.0	0.4	2.53e-03	12.7	12.7	12.7	12.7	16.8	10.9	4.2	-92.4	-47.0	5.6
3649	ok	0.0	0.3	2.48e-03	12.7	12.7	12.7	12.7	15.7	9.6	3.7	-75.4	-62.4	5.9
3650	ok	0.0	0.3	2.50e-03	12.7	12.7	12.7	12.7	15.8	8.9	3.0	-57.9	-62.4	5.5
3651	ok	0.0	0.3	2.50e-03	12.7	12.7	12.7	12.7	15.8	8.2	2.2	-36.6	-62.2	8.8
3652	ok	0.0	0.3	2.49e-03	12.7	12.7	12.7	12.7	15.8	7.6	1.5	-11.6	-61.4	16.7
3653	ok	0.0	0.3	2.63e-03	12.7	12.7	12.7	12.7	17.9	10.9	3.5	-76.6	-32.5	-4.6
3654	ok	0.0	0.2	2.62e-03	12.7	12.7	12.7	12.7	17.8	10.3	2.9	-50.7	-34.4	-6.6
3655	ok	0.0	0.2	2.60e-03	12.7	12.7	12.7	12.7	7.9	-11.3	-16.3	-27.9	-29.3	-5.5
3656	ok	0.0	0.2	2.58e-03	12.7	12.7	12.7	12.7	-17.6	-5.2	-3.9	20.6	-41.7	3.0
3657	ok	0.0	0.3	2.54e-03	12.7	12.7	12.7	12.7	16.8	10.3	3.6	-75.9	-49.4	1.6
3658	ok	0.0	0.3	2.54e-03	12.7	12.7	12.7	12.7	16.8	9.7	3.0	-54.2	-51.3	0.6
3659	ok	0.0	0.2	2.53e-03	12.7	12.7	12.7	12.7	16.7	9.0	2.3	-28.0	-53.5	3.4
3660	ok	0.0	0.3	2.52e-03	12.7	12.7	12.7	12.7	-17.4	-5.3	-3.8	4.5	-54.7	11.9
3661	ok	0.0	0.5	2.39e-03	12.7	12.7	12.7	12.7	15.7	11.5	5.7	-97.0	-51.6	35.2
3662	ok	0.0	0.5	2.47e-03	12.7	12.7	12.7	12.7	16.9	12.0	5.8	-106.1	-29.7	29.4
3663	ok	0.0	0.5	2.56e-03	12.7	12.7	12.7	12.7	18.1	12.6	5.8	-114.0	-10.0	20.5
3664	ok	0.0	0.4	2.45e-03	12.7	12.7	12.7	12.7	15.6	10.8	4.8	-96.5	-59.7	16.4
3665	ok	0.0	0.5	2.42e-03	12.7	12.7	12.7	12.7	15.6	11.2	5.3	-99.4	-56.4	25.2
3666	ok	0.0	0.5	2.60e-03	12.7	12.7	12.7	12.7	18.1	11.9	4.8	-108.7	-26.7	5.9
3667	ok	0.0	0.5	2.58e-03	12.7	12.7	12.7	12.7	18.1	12.3	5.3	-114.8	-20.1	12.8
3668	ok	0.0	0.5	2.52e-03	12.7	12.7	12.7	12.7	16.8	11.4	4.8	-103.0	-43.3	11.9
3669	ok	0.0	0.5	2.49e-03	12.7	12.7	12.7	12.7	16.8	11.8	5.3	-107.7	-37.8	20.1
3670	ok	0.0	0.2	2.27e-03	12.7	12.7	12.7	12.7	18.7	8.9	6.7	28.8	-29.5	30.7
3671	ok	0.0	1.0	2.71e-03	12.7	15.0	18.0	22.7	8.4	13.4	7.1	145.9	234.5	95.9
3672	ok	0.0	0.4	2.33e-03	12.7	12.7	12.7	12.7	18.6	6.4	7.5	88.6	29.2	27.7
3673	ok	0.0	0.3	2.37e-03	12.7	12.7	12.7	12.7	17.8	7.9	7.6	20.0	-27.7	52.8
3674	ok	0.0	0.4	2.34e-03	12.7	12.7	12.7	12.7	-14.5	-3.9	-3.1	-18.8	-35.6	60.2
3675	ok	0.0	0.4	2.34e-03	12.7	12.7	12.7	12.7	-14.8	-5.2	-2.9	-45.4	-34.9	63.2
3676	ok	0.0	0.5	2.34e-03	12.7	12.7	12.7	12.7	16.2	11.5	6.8	-69.4	-37.3	58.1
3677	ok	0.0	0.5	2.37e-03	12.7	12.7	12.7	12.7	15.8	11.6	6.0	-92.1	-47.6	42.5
3678	ok	0.0	1.0	3.49e-03	12.7	12.7	12.7	13.7	23.1	14.6	9.9	87.2	129.1	83.7
3679	ok	0.0	0.6	2.59e-03	12.7	12.7	12.7	12.7	15.9	4.7	11.3	4.4	106.7	61.2
3680	ok	0.0	0.4	2.51e-03	12.7	12.7	12.7	12.7	17.3	11.4	8.0	-49.7	63.2	49.7
3681	ok	0.0	0.4	2.51e-03	12.7	12.7	12.7	12.7	17.5	12.4	7.0	-82.0	33.7	39.3
3682	ok	0.0	0.5	2.54e-03	12.7	12.7	12.7	12.7	18.1	12.8	6.2	-109.7	-1.6	26.0
3683	ok	0.0	0.5	2.84e-03	12.7	12.7	12.7	12.7	19.3	6.4	11.3	65.9	30.1	58.7
3684	ok	0.0	0.4	2.41e-03	12.7	12.7	12.7	12.7	16.7	8.9	8.9	5.3	29.7	71.4
3685	ok	0.0	0.4	2.41e-03	12.7	12.7	12.7	12.7	16.4	10.8	8.0	-42.9	17.4	64.1
3686	ok	0.0	0.4	2.42e-03	12.7	12.7	12.7	12.7	-15.6	-5.6	-2.6	-74.7	-6.3	51.9
3687	ok	0.0	0.5	2.45e-03	12.7	12.7	12.7	12.7	16.9	12.2	6.1	-101.4	-23.0	36.3
3688	ok	0.0	0.2	2.26e-03	12.7	12.7	12.7	12.7	19.4	8.6	5.7	26.2	-23.5	12.6
3689	ok	0.0	0.8	3.42e-03	12.7	12.7	12.7	12.7	30.4	16.2	-1.7	139.0	134.5	-30.6
3690	ok	0.0	0.4	2.73e-03	12.7	12.7	12.7	12.7	-0.9	15.3	16.9	70.4	62.4	10.1
3691	ok	0.0	0.1	2.11e-03	12.7	12.7	12.7	12.7	-13.2	-4.3	0.6	-22.6	-22.2	-9.4
3692	ok	0.0	0.4	2.21e-03	12.7	12.7	12.7	12.7	21.5	11.7	5.8	3.6	89.5	-10.0
3693	ok	0.0	0.2	2.16e-03	12.7	12.7	12.7	12.7	0.4	13.4	17.2	16.6	32.0	-14.1
3694	ok	0.0	0.1	2.15e-03	12.7	12.7	12.7	12.7	7.4	12.7	14.4	13.7	-18.0	3.6
3695	ok	0.0	0.6	2.37e-03	12.7	12.7	12.7	12.7	21.8	4.5	4.5	50.8	126.6	-20.3
3696	ok	0.0	0.2	2.20e-03	12.7	12.7	12.7	12.7	3.79e-02	14.6	17.1	42.8	40.3	-12.8
3697	ok	0.0	0.3	2.12e-03	12.7	12.7	12.7	12.7	19.9	13.3	7.8	-61.3	-14.1	-23.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3698	ok	0.0	0.2	2.22e-03	12.7	12.7	12.7	12.7	-13.6	-6.5	-0.2	-45.8	5.1	-13.6
3699	ok	0.0	0.3	2.17e-03	12.7	12.7	12.7	12.7	20.6	13.6	8.0	-54.6	-5.4	-20.1
3700	ok	0.0	0.3	2.10e-03	12.7	12.7	12.7	12.7	19.7	12.8	7.5	-61.9	-14.3	-20.2
3701	ok	0.0	0.3	2.09e-03	12.7	12.7	12.7	12.7	-12.8	-5.5	0.3	-55.4	-15.4	-17.8
3702	ok	0.0	0.2	2.09e-03	12.7	12.7	12.7	12.7	-12.9	-5.0	0.5	-42.0	-19.3	-13.3
3703	ok	0.0	0.2	2.22e-03	12.7	12.7	12.7	12.7	-13.7	-6.5	-4.73e-02	-48.4	17.5	-9.2
3704	ok	0.0	0.2	2.21e-03	12.7	12.7	12.7	12.7	21.1	12.7	7.0	-42.9	36.1	-5.0
3705	ok	0.0	0.3	2.20e-03	12.7	12.7	12.7	12.7	21.2	12.2	6.5	-27.5	59.3	-5.2
3706	ok	0.0	0.3	2.16e-03	12.7	12.7	12.7	12.7	20.2	12.8	7.3	-54.5	5.4	-18.5
3707	ok	0.0	0.2	2.15e-03	12.7	12.7	12.7	12.7	20.1	12.3	7.0	-47.5	15.0	-17.5
3708	ok	0.0	0.2	2.14e-03	12.7	12.7	12.7	12.7	20.0	11.7	6.6	-30.5	25.7	-18.6
3709	ok	0.0	0.3	2.14e-03	12.7	12.7	12.7	12.7	20.0	14.1	8.4	-47.0	-10.8	-30.3
3710	ok	0.0	0.2	2.23e-03	12.7	12.7	12.7	12.7	21.3	14.7	8.4	-30.9	-12.3	-21.6
3711	ok	0.0	0.3	2.19e-03	12.7	12.7	12.7	12.7	20.7	14.4	8.4	-39.6	-11.4	-28.3
3712	ok	0.0	0.3	2.13e-03	12.7	12.7	12.7	12.7	20.0	13.7	8.1	-56.2	-12.9	-26.4
3713	ok	0.0	0.2	2.23e-03	12.7	12.7	12.7	12.7	21.4	14.3	8.2	-40.4	-6.3	-16.0
3714	ok	0.0	0.3	2.18e-03	12.7	12.7	12.7	12.7	20.7	14.0	8.2	-48.9	-9.1	-23.8
3715	ok	0.0	0.3	2.16e-03	12.7	12.7	12.7	12.7	20.1	14.5	8.6	-36.3	-8.1	-33.8
3716	ok	0.0	0.2	2.23e-03	12.7	12.7	12.7	12.7	21.3	15.1	8.6	-20.8	-16.2	-26.5
3717	ok	0.0	0.3	2.19e-03	12.7	12.7	12.7	12.7	20.7	14.8	8.6	-29.3	-12.3	-32.3
3718	ok	0.0	0.3	2.17e-03	12.7	12.7	12.7	12.7	20.1	15.0	8.8	-22.3	-4.6	-37.5
3719	ok	0.0	0.2	2.23e-03	12.7	12.7	12.7	12.7	21.2	15.5	8.7	-8.4	-19.0	-31.9
3720	ok	0.0	0.2	2.20e-03	12.7	12.7	12.7	12.7	20.6	15.3	8.8	-16.3	-12.1	-36.7
3721	ok	0.0	0.2	2.18e-03	12.7	12.7	12.7	12.7	-12.7	-6.3	-1.0	5.6	8.3	-41.7
3722	ok	0.0	0.2	2.22e-03	12.7	12.7	12.7	12.7	21.0	16.1	8.8	11.4	-20.6	-39.2
3723	ok	0.0	0.2	2.20e-03	12.7	12.7	12.7	12.7	20.5	15.9	8.9	5.4	-9.8	-42.2
3724	ok	0.0	0.4	2.17e-03	12.7	12.7	12.7	12.7	-12.4	-6.6	-1.0	69.9	29.2	-40.1
3725	ok	0.0	0.4	2.22e-03	12.7	12.7	12.7	12.7	20.7	17.6	9.1	56.6	-16.7	-50.7
3726	ok	0.0	0.4	2.21e-03	12.7	12.7	12.7	12.7	-12.7	-6.6	-1.0	61.9	9.8	-46.2
3727	ok	0.0	0.3	2.18e-03	12.7	12.7	12.7	12.7	-12.5	-6.5	-1.1	36.6	17.1	-43.2
3728	ok	0.0	0.3	2.22e-03	12.7	12.7	12.7	12.7	20.9	16.8	9.0	33.6	-20.2	-45.8
3729	ok	0.0	0.3	2.20e-03	12.7	12.7	12.7	12.7	20.4	16.7	9.1	30.7	-5.2	-46.5
3730	ok	0.0	0.6	2.20e-03	12.7	12.7	12.7	12.7	-13.3	-5.9	-0.4	134.0	75.6	-17.5
3731	ok	0.0	0.6	2.27e-03	12.7	12.7	12.7	12.7	-12.1	-6.8	-1.4	110.9	6.5	-54.1
3732	ok	0.0	0.6	2.34e-03	12.7	12.7	12.7	12.7	-13.1	-6.1	-1.3	118.7	46.9	-42.5
3733	ok	0.0	0.5	2.15e-03	12.7	12.7	12.7	12.7	-12.5	-6.5	-0.7	103.7	46.9	-31.0
3734	ok	0.0	0.5	2.23e-03	12.7	12.7	12.7	12.7	20.5	18.5	9.2	80.5	-10.4	-53.7
3735	ok	0.0	0.5	2.23e-03	12.7	12.7	12.7	12.7	-12.8	-6.5	-1.1	90.2	24.5	-44.3
3736	ok	0.0	1.0	5.32e-03	52.8	87.7	51.0	64.7	3.2	-1.5	-36.3	1090.0	684.8	432.3
3737	ok	0.0	0.7	2.19e-03	12.7	12.7	12.7	12.7	1.7	-4.7	5.9	152.0	63.1	-9.6
3738	ok	0.0	1.0	4.15e-03	12.7	15.7	12.7	12.7	0.7	-2.5	6.0	236.1	202.0	-3.6
3739	ok	0.0	1.0	5.14e-03	12.7	14.5	12.7	12.7	-18.4	6.9	-16.8	268.8	178.0	5.2
3740	ok	0.0	0.7	2.45e-03	12.7	12.7	12.7	12.7	-15.1	-4.9	-0.4	162.0	119.3	-6.6
3741	ok	0.0	0.7	2.27e-03	12.7	12.7	12.7	12.7	-10.1	-8.4	-1.8	171.6	12.0	-39.4
3742	ok	0.0	0.7	2.31e-03	12.7	12.7	12.7	12.7	-11.3	-7.6	-1.9	140.5	13.8	-52.7
3743	ok	0.0	0.9	3.55e-03	12.7	14.4	12.7	12.7	-13.3	-7.7	-4.0	208.7	103.9	-51.1
3744	ok	0.0	0.7	2.64e-03	12.7	12.7	12.7	12.7	-14.0	-6.5	-2.8	148.3	80.1	-44.4
3745	ok	0.0	0.4	1.71e-03	12.7	12.7	12.7	12.7	10.4	20.5	2.0	38.2	98.5	-3.8
3746	ok	0.0	0.3	1.34e-03	12.7	12.7	12.7	12.7	0.1	5.8	5.8	46.0	35.2	21.9
3747	ok	0.0	0.4	1.41e-03	12.7	12.7	12.7	12.7	12.9	20.5	2.6	39.5	63.2	25.9
3748	ok	0.0	0.8	2.08e-03	12.7	12.7	12.7	12.7	6.8	21.6	-0.9	161.3	184.0	8.0
3749	ok	0.0	0.6	1.72e-03	12.7	12.7	12.7	12.7	2.9	2.3	5.1	116.0	45.8	17.9
3750	ok	0.0	0.8	3.52e-03	12.7	12.7	12.7	12.7	-0.6	-6.4	4.7	155.2	163.7	3.2
3751	ok	0.0	0.3	1.18e-03	12.7	12.7	12.7	12.7	-4.4	-1.2	1.3	-26.7	52.1	-12.1
3752	ok	0.0	0.2	1.30e-03	12.7	12.7	12.7	12.7	6.7	-0.7	-10.2	-20.9	-19.0	14.5
3753	ok	0.0	0.2	1.18e-03	12.7	12.7	12.7	12.7	-5.9	-2.2	8.43e-02	-21.2	31.6	11.2
3754	ok	0.0	0.2	1.02e-03	12.7	12.7	12.7	12.7	-5.0	-0.6	0.9	-54.5	30.6	-14.9
3755	ok	0.0	0.2	1.28e-03	12.7	12.7	12.7	12.7	6.6	0.1	-10.4	-39.3	-23.9	10.9
3756	ok	0.0	0.2	1.13e-03	12.7	12.7	12.7	12.7	-6.2	-1.7	-5.04e-02	-48.9	14.1	5.6
3757	ok	0.0	0.5	1.07e-03	12.7	12.7	12.7	12.7	-5.9	1.1	-0.2	-115.8	-23.5	-24.3
3758	ok	0.0	0.5	1.25e-03	12.7	12.7	12.7	12.7	13.5	20.9	1.1	-104.8	-49.1	2.7
3759	ok	0.0	0.5	1.16e-03	12.7	12.7	12.7	12.7	-6.5	0.5	-0.5	-111.5	-33.8	-10.4
3760	ok	0.0	0.4	1.03e-03	12.7	12.7	12.7	12.7	-5.6	0.2	0.3	-90.7	0.7	-19.9
3761	ok	0.0	0.3	1.26e-03	12.7	12.7	12.7	12.7	14.0	20.6	1.7	-76.4	-33.3	10.5
3762	ok	0.0	0.4	1.15e-03	12.7	12.7	12.7	12.7	-6.3	-0.2	-2.75e-03	-85.6	-12.8	-3.7
3763	ok	0.0	0.7	1.19e-03	12.7	12.7	12.7	12.7	11.5	22.6	9.06e-02	-150.7	-75.5	-34.6
3764	ok	0.0	0.6	1.19e-03	12.7	12.7	12.7	12.7	11.9	22.0	-0.4	-143.1	-92.2	-17.9
3765	ok	0.0	0.7	1.20e-03	12.7	12.7	12.7	12.7	11.6	22.3	-4.56e-02	-147.6	-84.0	-26.4
3766	ok	0.0	0.7	1.16e-03	12.7	12.7	12.7	12.7	11.5	22.6	0.4	-149.1	-66.5	-32.0
3767	ok	0.0	0.6	1.13e-03	12.7	12.7	12.7	12.7	11.5	22.5	0.8	-143.1	-54.8	-29.2
3768	ok	0.0	0.6	1.10e-03	12.7	12.7	12.7	12.7	11.6	22.3	1.3	-132.1	-40.5	-26.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3769	ok	0.0	0.6	1.20e-03	12.7	12.7	12.7	12.7	12.3	21.8	-0.1	-141.2	-83.2	-13.4
3770	ok	0.0	0.6	1.22e-03	12.7	12.7	12.7	12.7	12.7	21.5	0.2	-134.4	-73.0	-8.5
3771	ok	0.0	0.5	1.23e-03	12.7	12.7	12.7	12.7	13.1	21.2	0.7	-122.4	-61.7	-3.3
3772	ok	0.0	0.7	1.19e-03	12.7	12.7	12.7	12.7	11.9	22.2	0.2	-145.8	-74.7	-22.5
3773	ok	0.0	0.6	1.18e-03	12.7	12.7	12.7	12.7	12.1	22.0	0.6	-139.4	-63.5	-18.3
3774	ok	0.0	0.6	1.17e-03	12.7	12.7	12.7	12.7	12.3	21.8	1.1	-127.9	-50.1	-13.6
3775	ok	0.0	0.7	1.26e-03	12.7	12.7	12.7	12.7	11.5	22.5	-9.76e-02	-145.1	-84.5	-39.0
3776	ok	0.0	0.6	1.18e-03	12.7	12.7	12.7	12.7	11.2	22.4	-0.8	-137.1	-104.0	-24.9
3777	ok	0.0	0.7	1.23e-03	12.7	12.7	12.7	12.7	11.2	22.5	-0.3	-141.7	-94.8	-32.7
3778	ok	0.0	0.7	1.39e-03	12.7	12.7	12.7	12.7	11.4	22.5	0.4	-123.4	-88.5	-46.9
3779	ok	0.0	0.6	1.16e-03	12.7	12.7	12.7	12.7	9.9	22.8	-1.0	-115.1	-116.4	-33.9
3780	ok	0.0	0.7	1.28e-03	12.7	12.7	12.7	12.7	10.4	22.9	-0.2	-119.4	-103.8	-41.8
3781	ok	0.0	0.7	1.32e-03	12.7	12.7	12.7	12.7	11.5	22.4	3.98e-02	-136.4	-87.5	-42.6
3782	ok	0.0	0.6	1.18e-03	12.7	12.7	12.7	12.7	10.6	22.6	-0.9	-128.0	-110.5	-29.4
3783	ok	0.0	0.7	1.26e-03	12.7	12.7	12.7	12.7	10.9	22.6	-0.2	-132.6	-99.9	-37.1
3784	ok	0.0	0.6	1.48e-03	12.7	12.7	12.7	12.7	10.9	23.0	0.9	-104.2	-87.7	-52.7
3785	ok	0.0	0.6	1.14e-03	12.7	12.7	12.7	12.7	9.0	23.1	-1.1	-96.8	-122.5	-38.4
3786	ok	0.0	0.6	1.30e-03	12.7	12.7	12.7	12.7	9.6	23.3	-6.94e-02	-100.0	-107.5	-47.1
3787	ok	0.0	0.6	1.55e-03	12.7	12.7	12.7	12.7	9.5	24.2	1.1	-70.2	-86.8	-61.2
3788	ok	0.0	0.7	1.06e-03	12.7	12.7	12.7	12.7	7.7	23.3	-1.6	-69.0	-130.4	-42.3
3789	ok	0.0	0.6	1.28e-03	12.7	12.7	12.7	12.7	8.3	23.8	-0.3	-68.6	-112.5	-52.8
3790	ok	0.0	0.6	1.52e-03	12.7	12.7	12.7	12.7	-1.0	-0.7	-7.1	22.6	-84.1	-61.8
3791	ok	0.0	0.7	8.33e-04	12.7	12.7	12.7	12.7	5.9	22.6	-2.4	-24.7	-142.5	-39.4
3792	ok	0.0	0.6	1.10e-03	12.7	12.7	12.7	12.7	8.7	29.9	-2.79e-02	-16.9	-121.0	-50.1
3793	ok	0.0	0.6	1.57e-03	12.7	12.7	12.7	12.7	12.3	32.1	3.8	-40.1	-87.6	-64.6
3794	ok	0.0	0.7	9.66e-04	12.7	12.7	12.7	12.7	6.8	23.1	-2.0	-46.9	-136.4	-42.4
3795	ok	0.0	0.6	1.22e-03	12.7	12.7	12.7	12.7	7.3	23.8	-0.8	-41.5	-117.5	-54.1
3796	ok	0.0	0.5	1.29e-03	12.7	12.7	12.7	12.7	6.3	20.2	-0.5	64.1	-104.6	-36.8
3797	ok	0.0	0.7	7.80e-04	12.7	12.7	12.7	12.7	4.4	21.0	-2.8	6.9	-150.2	-26.3
3798	ok	0.0	0.6	9.17e-04	12.7	12.7	12.7	12.7	5.0	20.9	-1.7	28.7	-132.6	-31.5
3799	ok	0.0	0.5	1.34e-03	12.7	12.7	12.7	12.7	0.8	-1.9	-6.2	53.6	-90.0	-49.3
3800	ok	0.0	0.7	7.53e-04	12.7	12.7	12.7	12.7	5.2	21.9	-2.7	-7.9	-147.1	-33.8
3801	ok	0.0	0.6	9.30e-04	12.7	12.7	12.7	12.7	0.4	0.8	-4.1	23.3	-121.4	-38.9
3802	ok	0.0	0.5	1.31e-03	12.7	12.7	12.7	12.7	3.1	21.5	-12.7	51.5	-108.6	15.3
3803	ok	0.0	0.7	7.52e-04	12.7	12.7	12.7	12.7	3.0	19.3	-2.8	17.5	-151.5	-13.2
3804	ok	0.0	0.6	8.51e-04	12.7	12.7	12.7	12.7	3.4	19.2	-1.4	37.0	-132.3	-11.6
3805	ok	0.0	0.5	8.63e-04	12.7	12.7	12.7	12.7	-3.3	12.5	-12.8	33.0	-102.3	26.2
3806	ok	0.0	0.6	7.03e-04	12.7	12.7	12.7	12.7	1.7	17.3	-2.8	16.6	-149.3	-4.7
3807	ok	0.0	0.5	6.72e-04	12.7	12.7	12.7	12.7	1.7	17.5	-1.5	27.5	-127.2	-0.4
3808	ok	0.0	0.5	6.17e-04	12.7	12.7	12.7	12.7	0.7	6.8	-5.0	10.0	-108.9	16.4
3809	ok	0.0	0.6	6.49e-04	12.7	12.7	12.7	12.7	1.2	16.2	-2.9	14.0	-148.2	-3.7
3810	ok	0.0	0.5	5.26e-04	12.7	12.7	12.7	12.7	1.1	16.3	-1.8	19.7	-125.2	0.9
3811	ok	0.0	0.5	2.96e-03	12.7	12.7	12.7	12.7	6.2	14.6	-7.2	14.0	103.5	-39.3
3812	ok	0.0	0.7	1.67e-04	12.7	12.7	12.7	12.7	1.0	4.4	-2.3	-34.9	-139.9	52.5
3813	ok	0.0	0.4	7.34e-04	12.7	12.7	12.7	12.7	-3.9	14.3	-9.6	27.2	65.7	-15.1
3814	ok	0.0	0.7	1.49e-04	12.7	12.7	12.7	12.7	6.5	36.1	-15.7	-25.5	-147.8	44.4
3815	ok	0.0	0.8	1.78e-04	12.7	12.7	12.7	12.7	6.0	31.4	-13.9	-41.4	-146.2	56.1
3816	ok	0.0	0.7	4.88e-04	12.7	12.7	12.7	12.7	0.1	4.5	-4.1	-17.8	-141.8	42.9
3817	ok	0.0	0.8	4.11e-03	12.7	12.7	12.7	12.7	-9.6	24.0	-9.5	72.3	142.0	-45.2
3818	ok	0.0	0.4	3.15e-04	12.7	12.7	12.7	12.7	5.6	6.7	-3.9	-52.3	-40.1	33.0
3819	ok	0.0	0.3	1.10e-03	12.7	12.7	12.7	12.7	3.3	-4.2	-1.3	68.1	0.7	-5.5
3820	ok	0.0	0.3	6.50e-04	12.7	12.7	12.7	12.7	4.1	11.8	-7.1	-12.1	-43.2	26.3
3821	ok	0.0	0.7	1.84e-04	12.7	12.7	12.7	12.7	6.1	18.4	-10.7	-40.6	-108.1	69.3
3822	ok	0.0	0.3	8.75e-04	12.7	12.7	12.7	12.7	3.5	10.3	-6.1	-20.0	-50.8	35.6
3823	ok	0.0	0.3	1.56e-03	12.7	12.7	12.7	12.7	-5.2	3.3	5.2	54.0	0.9	32.9
3824	ok	0.0	0.4	7.23e-03	12.7	12.7	12.7	12.7	20.2	4.51e-02	2.2	-77.4	-14.2	27.9
3825	ok	0.0	0.5	1.48e-04	12.7	12.7	12.7	12.7	6.0	21.5	-10.7	-64.1	-67.4	58.7
3826	ok	0.0	0.5	2.47e-03	12.7	12.7	12.7	12.7	10.8	1.4	-2.5	62.8	-50.1	55.0
3827	ok	0.0	0.7	1.63e-04	12.7	12.7	12.7	12.7	5.2	23.4	-10.9	-62.7	-104.0	65.5
3828	ok	0.0	0.7	1.85e-04	12.7	12.7	12.7	12.7	5.6	27.8	-12.6	-52.0	-132.9	64.1
3829	ok	0.0	0.6	3.22e-03	12.7	12.7	12.7	12.7	17.4	5.7	9.5	106.0	30.3	59.8
3830	ok	0.0	0.8	2.60e-03	12.7	12.7	12.7	12.7	21.7	12.5	-10.6	115.5	106.1	-45.7
3831	ok	0.0	0.6	1.13e-03	12.7	12.7	12.7	12.7	6.5	6.9	4.1	-130.7	-75.8	-21.6
3832	ok	0.0	0.6	1.19e-03	12.7	12.7	12.7	12.7	5.0	5.5	3.6	-135.1	-69.2	-36.3
3833	ok	0.0	1.0	5.50e-03	12.7	13.4	12.7	17.4	8.3	18.0	-43.2	131.9	243.1	-67.4
3834	ok	0.0	0.3	3.84e-04	12.7	12.7	12.7	12.7	4.9	23.0	-10.0	-24.3	-51.3	15.4
3835	ok	0.0	0.5	3.26e-04	12.7	12.7	12.7	12.7	0.2	8.8	-2.9	-6.4	-117.3	23.0
3836	ok	0.0	0.4	1.04e-03	12.7	12.7	12.7	12.7	0.9	-2.4	-5.0	10.5	-84.0	24.8
3837	ok	0.0	0.6	1.65e-03	12.7	12.7	12.7	12.7	-3.2	51.2	10.2	15.9	121.3	8.5
3838	ok	0.0	0.7	2.33e-03	12.7	12.7	12.7	12.7	9.5	35.8	14.9	23.3	147.7	31.3
3839	ok	0.0	0.4	1.64e-03	12.7	12.7	12.7	12.7	-6.5	3.4	-17.7	39.5	-76.1	37.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3840	ok	0.0	0.6	1.35e-03	12.7	12.7	12.7	12.7	-2.8	32.6	14.2	37.1	120.8	18.4
3841	ok	0.0	0.9	4.29e-03	12.7	12.7	12.7	12.7	-2.0	12.6	1.5	203.1	148.1	18.9
3842	ok	0.0	0.5	2.27e-03	12.7	12.7	12.7	12.7	3.6	26.1	-17.1	80.1	-92.0	29.7
3843	ok	0.0	0.8	4.34e-03	12.7	12.7	12.7	12.7	3.6	-2.3	-0.5	164.6	69.4	67.6
3844	ok	0.0	1.0	3.28e-02	159.4	164.7	154.8	161.5	-341.3	-368.2	-381.3	1726.3	1660.6	1032.3
3845	ok	0.0	0.6	2.75e-03	12.7	12.7	12.7	12.7	8.0	18.3	0.5	125.8	-61.8	-41.9
3846	ok	0.0	0.9	4.57e-03	12.7	17.7	12.7	12.7	-18.5	-30.9	-13.4	310.4	27.8	-19.7
3847	ok	0.0	1.0	8.60e-03	36.5	14.8	40.4	19.3	-0.7	19.8	-33.6	-365.4	-264.7	-279.7
3848	ok	0.0	0.5	2.24e-03	12.7	12.7	12.7	12.7	-1.2	0.6	-8.0	52.1	-29.4	-82.0
3849	ok	0.0	0.9	5.09e-03	13.3	12.7	12.7	14.9	15.8	19.8	-15.7	113.3	178.6	-45.2
3850	ok	0.0	1.0	1.33e-02	12.7	18.6	12.7	16.0	-89.1	-87.3	-75.1	259.3	213.4	-50.9
3851	ok	0.0	0.9	7.49e-03	12.7	15.8	12.7	12.7	-46.6	-43.9	-46.3	219.6	45.7	-82.9
3852	ok	0.0	0.5	2.56e-03	12.7	12.7	12.7	12.7	-4.5	27.3	-16.1	78.0	-97.6	-40.5
3853	ok	0.0	0.5	2.03e-03	12.7	12.7	12.7	12.7	5.1	-5.7	1.5	-103.0	-35.1	-34.3
3854	ok	0.0	0.6	1.89e-03	12.7	12.7	12.7	12.7	12.1	23.7	2.8	-76.4	-55.4	-63.3
3855	ok	0.0	0.5	2.20e-03	12.7	12.7	12.7	12.7	9.1	7.1	2.8	-95.3	-38.6	-41.8
3856	ok	0.0	1.0	2.77e-03	12.7	15.1	12.7	17.4	7.9	20.2	-15.6	130.2	167.6	-145.5
3857	ok	0.0	0.5	2.85e-03	12.7	12.7	12.7	12.7	3.6	0.7	3.8	-72.2	-23.2	-45.9
3858	ok	0.0	0.5	2.11e-03	12.7	12.7	12.7	12.7	16.7	31.8	6.8	-47.2	-49.6	-75.0
3859	ok	0.0	0.6	1.62e-03	12.7	12.7	12.7	12.7	24.8	20.8	-2.2	-112.8	-38.9	-37.1
3860	ok	0.0	0.6	1.71e-03	12.7	12.7	12.7	12.7	23.9	24.5	2.3	-112.2	-50.6	-45.9
3861	ok	0.0	0.6	1.64e-03	12.7	12.7	12.7	12.7	13.0	21.9	1.4	-108.9	-66.7	-52.7
3862	ok	0.0	0.6	1.38e-03	12.7	12.7	12.7	12.7	13.8	20.3	-2.8	-124.9	-51.1	-37.9
3863	ok	0.0	0.7	1.47e-03	12.7	12.7	12.7	12.7	12.7	21.7	0.3	-126.7	-72.5	-47.9
3864	ok	0.0	0.6	1.48e-03	12.7	12.7	12.7	12.7	13.9	20.7	-0.8	-127.6	-59.2	-44.7
3865	ok	0.0	0.7	1.11e-03	12.7	12.7	12.7	12.7	11.2	23.2	-2.2	-139.6	-62.5	-45.3
3866	ok	0.0	0.7	1.26e-03	12.7	12.7	12.7	12.7	11.8	22.4	-0.4	-146.5	-74.6	-43.3
3867	ok	0.0	0.7	1.21e-03	12.7	12.7	12.7	12.7	11.8	22.6	-1.1	-145.0	-66.7	-45.3
3868	ok	0.0	0.6	1.22e-03	12.7	12.7	12.7	12.7	12.2	21.9	-2.8	-133.4	-58.7	-41.1
3869	ok	0.0	0.7	1.33e-03	12.7	12.7	12.7	12.7	12.6	21.7	-1.2	-137.9	-64.7	-44.4
3870	ok	0.0	0.7	1.35e-03	12.7	12.7	12.7	12.7	12.2	22.1	-0.2	-138.5	-75.0	-45.1
3871	ok	0.0	0.7	1.01e-03	12.7	12.7	12.7	12.7	10.3	24.4	-0.9	-144.5	-60.8	-52.5
3872	ok	0.0	0.7	1.10e-03	12.7	12.7	12.7	12.7	10.9	23.5	-0.4	-149.9	-62.8	-48.0
3873	ok	0.0	0.7	1.16e-03	12.7	12.7	12.7	12.7	11.3	22.9	-6.19e-02	-151.8	-68.0	-41.9
3874	ok	0.0	0.7	8.90e-04	12.7	12.7	12.7	12.7	10.4	23.5	2.0	-119.2	-21.4	-65.5
3875	ok	0.0	0.6	9.89e-04	12.7	12.7	12.7	12.7	-5.5	1.8	0.1	-118.2	-18.4	-39.1
3876	ok	0.0	0.6	9.31e-04	12.7	12.7	12.7	12.7	-5.1	2.6	0.5	-118.7	-18.3	-53.1
3877	ok	0.0	0.7	9.09e-04	12.7	12.7	12.7	12.7	10.2	24.1	1.5	-132.3	-35.2	-63.7
3878	ok	0.0	0.7	9.35e-04	12.7	12.7	12.7	12.7	10.1	24.5	0.8	-140.3	-46.6	-60.9
3879	ok	0.0	0.7	9.66e-04	12.7	12.7	12.7	12.7	10.1	24.7	1.94e-02	-144.1	-55.2	-57.0
3880	ok	0.0	0.7	9.66e-04	12.7	12.7	12.7	12.7	10.6	23.4	1.4	-134.3	-32.8	-52.3
3881	ok	0.0	0.6	1.03e-03	12.7	12.7	12.7	12.7	11.0	22.9	1.3	-134.3	-34.6	-39.5
3882	ok	0.0	0.7	1.00e-03	12.7	12.7	12.7	12.7	10.5	23.7	0.8	-143.8	-45.9	-51.3
3883	ok	0.0	0.7	1.07e-03	12.7	12.7	12.7	12.7	11.0	23.0	0.8	-144.7	-48.8	-40.6
3884	ok	0.0	0.7	1.05e-03	12.7	12.7	12.7	12.7	10.6	23.7	0.2	-148.8	-55.9	-49.8
3885	ok	0.0	0.7	1.11e-03	12.7	12.7	12.7	12.7	11.1	23.1	0.4	-150.3	-59.9	-41.3
3886	ok	0.0	0.4	9.32e-04	12.7	12.7	12.7	12.7	-5.0	1.5	1.7	-66.2	18.1	-63.1
3887	ok	0.0	0.3	9.32e-04	12.7	12.7	12.7	12.7	-4.6	0.3	1.6	-57.9	34.0	-35.5
3888	ok	0.0	0.4	9.43e-04	12.7	12.7	12.7	12.7	-4.9	0.6	1.7	-61.0	28.4	-50.8
3889	ok	0.0	0.6	8.90e-04	12.7	12.7	12.7	12.7	-4.6	2.8	1.5	-97.1	-5.2	-65.8
3890	ok	0.0	0.5	9.07e-04	12.7	12.7	12.7	12.7	10.4	21.3	1.7	-94.0	7.9	-51.2
3891	ok	0.0	0.4	9.35e-04	12.7	12.7	12.7	12.7	-5.3	0.2	0.4	-93.5	7.1	-36.1
3892	ok	0.0	0.3	9.75e-04	12.7	12.7	12.7	12.7	-5.0	1.3	2.1	-43.2	29.6	-60.3
3893	ok	0.0	0.3	9.84e-04	12.7	12.7	12.7	12.7	-4.1	-0.2	2.3	-30.0	53.1	-34.7
3894	ok	0.0	0.3	9.99e-04	12.7	12.7	12.7	12.7	-4.8	0.4	2.2	-34.3	42.8	-49.3
3895	ok	0.0	1.0	2.50e-02	13.5	12.7	13.1	12.7	-143.3	23.3	-127.0	-190.3	-27.7	3.0
3896	ok	0.0	1.0	2.42e-02	12.9	12.7	12.7	12.7	-255.2	50.4	-29.0	103.9	58.5	41.6
3897	ok	0.0	1.0	3.00e-02	15.7	12.7	12.7	12.7	-292.5	28.0	20.6	136.3	61.9	49.9
3898	ok	0.0	0.9	2.50e-02	12.7	18.3	12.7	12.7	-84.2	37.0	16.2	218.4	89.4	43.6
3899	ok	0.0	0.4	1.22e-02	12.7	12.7	12.7	12.7	-18.9	-6.4	48.9	-56.2	-18.5	60.1
3900	ok	0.0	0.6	1.57e-02	12.7	12.7	12.7	12.7	-97.5	-4.1	27.7	-58.2	-14.8	58.7
3901	ok	0.0	0.7	1.83e-02	12.7	12.7	12.7	12.7	-138.6	17.9	-65.4	-112.6	-17.9	26.9
3902	ok	0.0	0.9	2.11e-02	12.7	12.7	12.7	12.7	-109.3	29.3	-105.9	-157.9	-23.4	2.7
3903	ok	0.0	0.9	2.26e-02	12.7	12.7	12.7	12.7	-205.4	10.4	-72.1	80.2	38.3	34.6
3904	ok	0.0	0.4	1.18e-02	12.7	12.7	12.7	12.7	91.0	2.0	111.0	-27.3	7.6	-9.0
3905	ok	0.0	0.7	1.83e-02	12.7	12.7	12.7	12.7	294.4	9.3	145.7	-73.8	-6.4	-19.8
3906	ok	0.0	0.5	1.55e-02	12.7	12.7	12.7	12.7	239.3	17.4	157.8	-47.4	-4.2	-14.3
3907	ok	0.0	0.3	1.27e-02	12.7	12.7	12.7	12.7	-15.4	-2.8	77.9	-43.9	66.1	-18.5
3908	ok	0.0	0.8	2.07e-02	12.7	12.7	12.7	12.7	163.7	-8.4	-29.4	138.1	37.6	32.8
3909	ok	0.0	0.5	9.22e-03	12.7	12.7	12.7	12.7	144.3	-17.4	-37.1	-68.1	-38.2	19.8
3910	ok	0.0	0.7	1.48e-02	12.7	12.7	12.7	12.7	-85.7	-42.6	25.6	114.8	62.2	-81.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3911	ok	0.0	0.3	8.09e-03	12.7	12.7	12.7	12.7	-30.9	14.5	-10.3	35.1	34.1	21.2
3912	ok	0.0	0.2	8.12e-03	12.7	12.7	12.7	12.7	36.0	14.6	-54.2	-30.6	-16.2	10.1
3913	ok	0.0	0.4	8.77e-03	12.7	12.7	12.7	12.7	130.1	13.4	-73.1	-50.9	-25.0	15.6
3914	ok	0.0	0.6	3.49e-02	12.7	12.7	12.7	12.7	-286.1	73.4	-57.3	99.9	76.1	-15.1
3915	ok	0.0	0.5	1.64e-02	12.7	12.7	12.7	12.7	138.5	-31.1	-26.2	-66.7	-36.9	17.7
3916	ok	0.0	0.5	2.64e-02	12.7	12.7	12.7	12.7	320.0	-7.3	115.5	-51.2	-9.1	12.2
3917	ok	0.0	0.9	2.44e-02	12.7	13.4	12.7	12.7	163.4	-9.9	-49.6	176.6	57.5	32.6
3918	ok	0.0	0.8	3.27e-02	12.7	12.7	12.7	12.7	-355.4	-148.1	-77.8	138.5	79.6	72.2
3919	ok	0.0	0.6	2.25e-02	12.7	12.7	12.7	12.7	152.3	32.9	-75.5	54.2	-21.8	18.5
3920	ok	0.0	0.5	1.85e-02	12.7	12.7	12.7	12.7	37.9	-31.8	92.9	-77.5	-41.1	30.3
3921	ok	0.0	0.7	2.04e-02	12.7	12.7	12.7	12.7	220.7	29.7	-81.9	103.8	76.3	12.4
3922	ok	0.0	1.0	2.23e-02	12.7	23.9	12.7	13.2	218.6	-52.1	-35.3	276.2	83.4	-109.9
3923	ok	0.0	0.7	9.70e-03	12.7	12.7	12.7	12.7	-85.9	5.1	-39.5	156.2	73.4	5.6
3924	ok	0.0	0.5	1.05e-02	12.7	12.7	12.7	12.7	-20.9	3.1	49.9	-36.7	-22.1	59.8
3925	ok	0.0	0.9	1.09e-02	12.7	13.7	12.7	12.7	-93.9	-38.1	-37.2	170.6	142.2	57.8
3932	ok	0.0	0.9	1.21e-02	12.7	16.0	12.7	13.6	-23.0	-20.8	-38.3	130.4	178.0	78.2
3942	ok	0.0	0.5	1.62e-02	12.7	12.7	12.7	12.7	152.8	-7.5	-26.1	67.5	12.0	31.5
3943	ok	0.0	0.6	1.76e-02	12.7	12.7	12.7	12.7	158.3	-7.0	-29.9	92.1	18.9	30.8
3944	ok	0.0	0.5	1.56e-02	12.7	12.7	12.7	12.7	154.0	-2.5	-12.4	-88.8	-26.4	-14.5
3945	ok	0.0	0.3	1.55e-02	12.7	12.7	12.7	12.7	-153.3	12.1	32.7	-74.6	-13.1	-7.9
3946	ok	0.0	0.3	1.51e-02	12.7	12.7	12.7	12.7	-8.9	8.3	22.7	-45.6	-15.0	-28.4
3947	ok	0.0	0.3	1.50e-02	12.7	12.7	12.7	12.7	76.3	4.6	1.1	-47.7	-20.7	-19.5
3948	ok	0.0	1.0	1.43e-02	16.8	18.5	25.8	20.6	-158.1	-5.4	-4.8	128.9	-167.1	229.0
3949	ok	0.0	0.6	1.71e-02	12.7	12.7	12.7	12.7	-34.8	-13.6	-2.5	39.7	124.7	-19.5
3950	ok	0.0	0.7	1.19e-02	12.7	12.7	12.7	12.7	-1.5	0.2	-10.0	22.1	85.9	53.0
3951	ok	0.0	0.3	1.12e-02	12.7	12.7	12.7	12.7	-82.8	-6.8	-12.1	-46.9	16.6	66.3
3952	ok	0.0	0.3	1.13e-02	12.7	12.7	12.7	12.7	-64.7	-3.3	-3.1	-28.7	19.0	52.6
3953	ok	0.0	0.4	1.12e-02	12.7	12.7	12.7	12.7	7.1	0.7	1.2	-69.7	-14.7	35.1
3954	ok	0.0	0.3	1.12e-02	12.7	12.7	12.7	12.7	7.5	1.3	1.9	-63.7	-10.8	31.6
3955	ok	0.0	0.4	1.08e-02	12.7	12.7	12.7	12.7	71.1	-12.8	12.3	-65.1	-19.2	34.7
3956	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	6.4	0.3	0.8	-68.0	-15.1	39.0
3957	ok	0.0	0.7	1.24e-02	12.7	12.7	12.7	12.7	-129.9	10.4	4.5	122.7	118.1	-27.3
3958	ok	0.0	0.3	1.21e-02	12.7	12.7	12.7	12.7	-144.1	14.6	3.8	71.8	56.9	24.9
3959	ok	0.0	0.4	1.06e-02	12.7	12.7	12.7	12.7	92.6	15.9	-11.9	-59.8	-8.9	24.9
3960	ok	0.0	0.7	6.87e-03	12.7	12.7	12.7	12.7	27.0	-20.0	4.7	100.1	131.7	54.1
3961	ok	0.0	0.9	1.27e-02	12.7	22.0	12.7	12.7	12.5	-11.4	17.8	316.5	111.7	46.8
3962	ok	0.0	0.2	7.40e-03	12.7	12.7	12.7	12.7	-22.6	-7.9	-5.9	31.0	41.9	18.8
3963	ok	0.0	0.2	7.23e-03	12.7	12.7	12.7	12.7	-11.4	6.5	0.9	-45.6	-21.3	-5.0
3964	ok	0.0	0.4	7.81e-03	12.7	12.7	12.7	12.7	20.3	-0.3	-0.9	-83.7	-35.3	-9.8
3965	ok	0.0	0.4	7.46e-03	12.7	12.7	12.7	12.7	-10.1	-0.3	1.7	-81.8	-23.5	-9.3
3966	ok	0.0	0.4	8.70e-03	12.7	12.7	12.7	12.7	69.9	-16.3	6.0	-75.9	-15.1	-27.4
3967	ok	0.0	0.4	8.10e-03	12.7	12.7	12.7	12.7	26.0	4.1	-3.7	-81.6	-32.0	2.8
3968	ok	0.0	0.4	8.20e-03	12.7	12.7	12.7	12.7	26.2	1.5	-4.6	-74.8	-27.6	9.3
3969	ok	0.0	0.3	8.47e-03	12.7	12.7	12.7	12.7	27.1	6.8	-5.8	-67.2	-28.3	11.4
3970	ok	0.0	0.8	9.20e-03	12.7	12.7	12.7	12.7	-69.3	-26.6	18.0	85.8	113.4	-40.8
3971	ok	0.0	0.8	6.42e-03	12.7	12.7	12.7	12.7	-68.7	-37.6	-3.7	107.4	168.0	-43.6
3972	ok	0.0	0.9	9.29e-03	12.7	18.6	13.1	12.7	-37.4	43.1	28.4	181.8	-90.0	-144.6
3973	ok	0.0	0.4	6.11e-03	12.7	12.7	12.7	12.7	-66.7	-6.7	-5.0	77.6	42.3	-43.0
3974	ok	0.0	0.4	6.28e-03	12.7	12.7	12.7	12.7	-67.0	-7.3	-2.7	45.3	37.1	-55.5
3975	ok	0.0	0.3	6.15e-03	12.7	12.7	12.7	12.7	16.5	-2.8	8.3	-72.3	-33.7	21.0
3976	ok	0.0	0.3	6.32e-03	12.7	12.7	12.7	12.7	-66.2	-7.4	-0.7	28.7	16.6	-61.1
3977	ok	0.0	0.4	5.80e-03	12.7	12.7	12.7	12.7	18.2	-3.0	2.5	-72.3	-31.7	25.3
3978	ok	0.0	0.4	5.71e-03	12.7	12.7	12.7	12.7	23.5	8.0	1.0	-80.7	-27.3	21.4
3979	ok	0.0	0.8	2.56e-02	12.7	12.7	12.7	12.7	30.8	172.7	-70.8	17.9	138.2	40.9
3980	ok	0.0	0.5	8.79e-03	12.7	12.7	12.7	12.7	-17.1	39.7	-78.0	84.4	-90.3	5.9
3981	ok	0.0	0.8	8.59e-03	12.7	12.7	12.7	12.7	-54.9	11.1	-64.2	192.3	6.2	33.5
3982	ok	0.0	1.0	9.91e-03	12.7	19.4	15.2	15.6	-60.9	69.2	-46.6	209.7	125.0	148.2
3983	ok	0.0	0.8	8.98e-03	12.7	12.7	12.7	12.7	-47.8	-17.4	1.9	143.7	85.0	-64.2
3984	ok	0.0	0.6	6.41e-03	12.7	12.7	12.7	12.7	-70.2	11.5	-0.9	123.6	12.2	-61.9
3985	ok	0.0	0.5	5.91e-03	12.7	12.7	12.7	12.7	-53.2	-1.1	-2.7	76.4	2.8	-74.7
3986	ok	0.0	0.7	8.12e-04	12.7	12.7	12.7	12.7	15.7	20.7	3.0	-112.3	-68.2	-73.9
3987	ok	0.0	0.5	8.90e-04	12.7	12.7	12.7	12.7	10.9	20.2	2.6	-73.4	5.3	-77.4
3988	ok	0.0	0.7	8.41e-04	12.7	12.7	12.7	12.7	10.5	24.2	2.6	-117.6	-29.3	-79.7
3989	ok	0.0	0.7	8.73e-04	12.7	12.7	12.7	12.7	18.4	23.4	3.9	-115.0	-35.9	-80.3
3990	ok	0.0	0.7	8.33e-04	12.7	12.7	12.7	12.7	15.1	20.8	3.8	-105.8	-60.0	-84.8
3991	ok	0.0	0.7	8.37e-04	12.7	12.7	12.7	12.7	14.2	21.1	4.2	-99.1	-50.1	-91.7
3992	ok	0.0	0.7	8.36e-04	12.7	12.7	12.7	12.7	13.3	21.3	4.2	-92.8	-38.1	-94.2
3993	ok	0.0	0.7	8.41e-04	12.7	12.7	12.7	12.7	-3.3	4.5	2.2	-87.1	-26.0	-90.9
3994	ok	0.0	0.6	8.60e-04	12.7	12.7	12.7	12.7	-3.7	4.0	2.3	-81.5	-13.2	-85.9
3995	ok	0.0	0.6	8.56e-04	12.7	12.7	12.7	12.7	-4.2	3.9	1.6	-99.5	-16.7	-79.8
3996	ok	0.0	0.7	8.13e-04	12.7	12.7	12.7	12.7	10.8	24.7	3.2	-115.7	-35.1	-87.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
3997	ok	0.0	0.8	8.00e-04	12.7	12.7	12.7	12.7	11.4	25.1	3.9	-113.8	-40.2	-93.1
3998	ok	0.0	0.8	8.09e-04	12.7	12.7	12.7	12.7	12.6	25.2	4.6	-112.1	-43.3	-96.2
3999	ok	0.0	0.8	8.36e-04	12.7	12.7	12.7	12.7	14.3	24.9	5.0	-111.6	-43.2	-96.0
4000	ok	0.0	0.8	8.66e-04	12.7	12.7	12.7	12.7	16.4	24.3	4.9	-112.6	-40.3	-91.0
4001	ok	0.0	0.7	8.25e-04	12.7	12.7	12.7	12.7	16.9	21.9	3.2	-117.6	-53.3	-77.3
4002	ok	0.0	0.7	8.32e-04	12.7	12.7	12.7	12.7	11.4	23.1	3.5	-101.8	-24.0	-88.6
4003	ok	0.0	0.7	8.17e-04	12.7	12.7	12.7	12.7	12.0	23.2	4.0	-104.0	-33.1	-94.1
4004	ok	0.0	0.8	8.17e-04	12.7	12.7	12.7	12.7	13.1	23.2	4.4	-106.4	-40.9	-96.3
4005	ok	0.0	0.8	8.28e-04	12.7	12.7	12.7	12.7	14.4	22.9	4.5	-109.5	-46.7	-94.6
4006	ok	0.0	0.8	8.36e-04	12.7	12.7	12.7	12.7	15.8	22.4	4.2	-113.4	-50.5	-88.4
4007	ok	0.0	0.7	8.48e-04	12.7	12.7	12.7	12.7	9.1	26.2	-1.2	-131.3	-59.7	-57.4
4008	ok	0.0	0.5	1.65e-03	12.7	12.7	12.7	12.7	-9.4	-3.6	-9.5	24.1	36.7	-78.8
4009	ok	0.0	0.7	8.40e-04	12.7	12.7	12.7	12.7	10.0	25.2	2.0	-127.1	-40.0	-76.7
4010	ok	0.0	0.7	8.40e-04	12.7	12.7	12.7	12.7	9.6	26.0	1.2	-131.9	-48.9	-71.9
4011	ok	0.0	0.7	8.41e-04	12.7	12.7	12.7	12.7	9.2	26.3	0.1	-133.0	-55.6	-65.4
4012	ok	0.0	0.7	7.28e-04	12.7	12.7	12.7	12.7	8.2	28.0	-1.0	-118.0	-59.5	-60.3
4013	ok	0.0	0.6	6.72e-04	12.7	12.7	12.7	12.7	7.7	30.1	-0.2	-101.3	-58.5	-63.6
4014	ok	0.0	0.6	7.53e-04	12.7	12.7	12.7	12.7	7.7	32.5	1.2	-81.4	-53.8	-67.7
4015	ok	0.0	0.5	9.10e-04	12.7	12.7	12.7	12.7	9.0	35.1	3.6	-58.5	-42.4	-73.0
4016	ok	0.0	0.5	1.15e-03	12.7	12.7	12.7	12.7	16.1	46.3	9.9	-36.4	-22.6	-77.9
4017	ok	0.0	0.5	1.31e-03	12.7	12.7	12.7	12.7	19.3	29.5	7.2	-54.3	15.7	-90.7
4018	ok	0.0	0.6	1.10e-03	12.7	12.7	12.7	12.7	19.3	26.4	6.0	-85.9	1.3	-86.9
4019	ok	0.0	0.7	9.54e-04	12.7	12.7	12.7	12.7	19.8	25.0	4.9	-104.8	-19.3	-83.2
4020	ok	0.0	0.7	7.60e-04	12.7	12.7	12.7	12.7	8.8	27.8	0.6	-122.0	-56.1	-70.4
4021	ok	0.0	0.7	7.86e-04	12.7	12.7	12.7	12.7	9.4	27.1	1.8	-123.7	-50.5	-78.4
4022	ok	0.0	0.8	8.01e-04	12.7	12.7	12.7	12.7	10.1	26.0	2.6	-122.0	-43.4	-84.0
4023	ok	0.0	0.7	7.32e-04	12.7	12.7	12.7	12.7	8.7	29.5	1.5	-108.7	-55.3	-75.3
4024	ok	0.0	0.7	7.68e-04	12.7	12.7	12.7	12.7	9.8	28.2	2.8	-114.2	-51.0	-84.0
4025	ok	0.0	0.8	7.88e-04	12.7	12.7	12.7	12.7	10.7	26.7	3.5	-116.3	-45.8	-89.8
4026	ok	0.0	0.7	7.87e-04	12.7	12.7	12.7	12.7	9.4	31.1	3.0	-93.5	-50.9	-80.3
4027	ok	0.0	0.7	8.04e-04	12.7	12.7	12.7	12.7	10.8	29.2	4.1	-104.1	-48.0	-88.9
4028	ok	0.0	0.8	8.08e-04	12.7	12.7	12.7	12.7	11.9	27.1	4.5	-110.7	-45.4	-93.9
4029	ok	0.0	0.6	9.05e-04	12.7	12.7	12.7	12.7	11.3	32.5	5.1	-77.5	-40.2	-85.5
4030	ok	0.0	0.7	8.85e-04	12.7	12.7	12.7	12.7	13.0	29.6	5.5	-94.5	-39.5	-92.4
4031	ok	0.0	0.8	8.57e-04	12.7	12.7	12.7	12.7	13.9	27.1	5.3	-106.4	-40.8	-95.3
4032	ok	0.0	0.6	1.08e-03	12.7	12.7	12.7	12.7	20.8	40.5	10.6	-63.1	-22.1	-87.5
4033	ok	0.0	0.7	9.92e-04	12.7	12.7	12.7	12.7	16.5	29.1	6.7	-87.5	-23.9	-93.0
4034	ok	0.0	0.7	9.17e-04	12.7	12.7	12.7	12.7	16.7	26.4	5.7	-104.1	-31.6	-92.5
4035	ok	0.0	0.5	9.09e-04	12.7	12.7	12.7	12.7	10.8	20.1	2.3	-68.9	11.9	-71.4
4036	ok	0.0	0.7	8.62e-04	12.7	12.7	12.7	12.7	10.4	23.9	2.3	-118.4	-25.7	-74.1
4037	ok	0.0	0.6	8.72e-04	12.7	12.7	12.7	12.7	-4.4	3.5	1.6	-98.4	-11.6	-74.3
4038	ok	0.0	0.5	9.22e-04	12.7	12.7	12.7	12.7	-4.9	1.7	1.7	-68.8	13.6	-66.7
4039	ok	0.0	0.7	8.78e-04	12.7	12.7	12.7	12.7	10.4	23.7	2.2	-118.9	-23.2	-69.5
4040	ok	0.0	0.6	8.83e-04	12.7	12.7	12.7	12.7	-4.5	3.1	1.6	-97.7	-7.9	-69.8
4041	ok	0.0	0.7	9.70e-04	12.7	12.7	12.7	12.7	10.0	24.8	-1.0	-141.8	-60.2	-54.0
4042	ok	0.0	0.7	9.35e-04	12.7	12.7	12.7	12.7	9.9	25.0	-2.33e-03	-141.8	-55.1	-59.4
4043	ok	0.0	0.7	9.11e-04	12.7	12.7	12.7	12.7	9.9	24.9	0.9	-138.6	-47.0	-63.9
4044	ok	0.0	0.7	8.91e-04	12.7	12.7	12.7	12.7	10.1	24.4	1.6	-131.3	-36.2	-67.3
4045	ok	0.0	0.7	9.19e-04	12.7	12.7	12.7	12.7	9.6	25.4	-1.1	-137.7	-59.8	-55.5
4046	ok	0.0	0.7	8.68e-04	12.7	12.7	12.7	12.7	10.0	24.7	1.8	-129.7	-37.8	-71.5
4047	ok	0.0	0.7	8.80e-04	12.7	12.7	12.7	12.7	9.8	25.3	1.0	-136.0	-47.7	-67.4
4048	ok	0.0	0.7	8.95e-04	12.7	12.7	12.7	12.7	9.6	25.6	9.75e-03	-138.4	-55.2	-62.0
4049	ok	0.0	0.9	2.44e-02	12.7	12.7	12.7	12.7	-266.2	32.3	-20.5	141.4	30.9	51.3
4050	ok	0.0	0.3	1.70e-03	12.7	12.7	12.7	12.7	-2.0	14.2	-1.88e-02	5.8	60.9	-10.2
4051	ok	0.0	0.3	1.02e-03	12.7	12.7	12.7	12.7	-7.70e-02	-4.1	1.8	1.9	64.6	13.5
4052	ok	0.0	0.2	1.29e-03	12.7	12.7	12.7	12.7	-6.60e-02	8.2	0.5	-1.1	19.3	29.2
4053	ok	0.0	0.2	3.23e-03	12.7	12.7	12.7	12.7	-23.3	1.6	-9.8	-21.1	-24.5	-9.0
4054	ok	0.0	0.1	3.76e-03	12.7	12.7	12.7	12.7	-26.0	-5.4	-12.1	-13.5	-15.3	-12.7
4055	ok	0.0	0.1	1.48e-03	12.7	12.7	12.7	12.7	-2.01e-02	20.5	1.3	1.0	19.1	10.9
4056	ok	0.0	0.2	8.87e-03	12.7	12.7	12.7	12.7	-107.9	2.7	-3.5	45.1	3.7	-17.6
4057	ok	0.0	0.9	2.48e-02	12.7	12.7	12.7	12.7	-238.7	92.8	65.0	155.4	45.9	47.3
4058	ok	0.0	0.2	3.56e-03	12.7	12.7	12.7	12.7	6.9	2.5	3.1	-27.7	-27.7	-18.2
4059	ok	0.0	0.3	3.94e-03	12.7	12.7	12.7	12.7	6.3	1.5	2.6	-41.0	-26.2	-23.5
4060	ok	0.0	0.3	3.97e-03	12.7	12.7	12.7	12.7	4.7	0.8	1.9	-48.4	-23.2	-28.3
4061	ok	0.0	0.2	3.11e-03	12.7	12.7	12.7	12.7	-17.0	1.1	-7.19e-02	-25.8	-17.2	-19.5
4062	ok	0.0	0.3	6.02e-04	12.7	12.7	12.7	12.7	0.4	-1.4	-1.0	-5.1	-67.7	8.0
4063	ok	0.0	0.1	2.36e-03	12.7	12.7	12.7	12.7	6.3	4.6	5.4	23.8	-24.6	-19.8
4064	ok	0.0	0.3	1.31e-03	12.7	12.7	12.7	12.7	8.78e-03	-5.4	8.15e-02	0.2	63.7	4.3
4065	ok	0.0	0.4	1.56e-03	12.7	12.7	12.7	12.7	-6.11e-02	-9.9	-3.74e-02	-8.40e-02	95.6	7.8
4066	ok	0.0	0.5	1.32e-03	12.7	12.7	12.7	12.7	0.4	-6.9	-0.5	2.8	98.8	35.4
4067	ok	0.0	1.0	2.61e-02	13.0	12.7	12.7	12.7	-269.1	-29.5	30.6	157.0	30.2	15.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4068	ok	0.0	0.2	1.12e-03	12.7	12.7	12.7	12.7	-3.55e-02	16.6	2.8	3.5	20.7	29.1
4069	ok	0.0	0.4	1.55e-03	12.7	12.7	12.7	12.7	-8.45e-02	-10.1	9.19e-03	8.76e-02	100.0	7.0
4070	ok	0.0	0.5	1.49e-03	12.7	12.7	12.7	12.7	-8.8	-4.3	-5.9	-107.4	-22.8	-46.7
4071	ok	0.0	0.4	1.53e-03	12.7	12.7	12.7	12.7	-6.88e-02	-9.1	5.85e-02	0.2	95.1	5.9
4072	ok	0.0	0.3	1.45e-03	12.7	12.7	12.7	12.7	-2.72e-02	-7.4	8.48e-02	0.2	81.9	5.0
4073	ok	0.0	0.4	1.11e-03	12.7	12.7	12.7	12.7	0.1	-5.3	1.8	1.3	83.8	16.6
4074	ok	0.0	0.4	1.19e-03	12.7	12.7	12.7	12.7	0.4	-6.3	1.3	0.7	98.2	22.2
4075	ok	0.0	0.5	1.25e-03	12.7	12.7	12.7	12.7	0.5	-6.9	0.4	1.0	103.7	29.4
4076	ok	0.0	0.2	1.74e-03	12.7	12.7	12.7	12.7	1.18e-02	-6.8	-3.89e-02	-0.4	56.9	7.0
4077	ok	0.0	0.3	1.50e-03	12.7	12.7	12.7	12.7	-9.35e-02	-5.3	-1.0	8.1	56.4	31.9
4078	ok	0.0	0.3	1.66e-03	12.7	12.7	12.7	12.7	1.63e-03	-7.8	-5.71e-02	-0.4	70.6	7.8
4079	ok	0.0	0.6	4.08e-03	12.7	12.7	12.7	12.7	4.1	-18.6	1.3	115.7	90.6	25.7
4080	ok	0.0	0.3	2.46e-03	12.7	12.7	12.7	12.7	7.8	9.3	2.8	77.8	-32.5	11.7
4081	ok	0.0	0.5	3.11e-03	12.7	12.7	12.7	12.7	16.2	-18.1	2.3	105.7	43.1	-5.3
4082	ok	0.0	0.4	3.48e-03	12.7	12.7	12.7	12.7	8.0	-3.1	-13.1	87.3	63.6	22.1
4083	ok	0.0	0.2	3.64e-03	12.7	12.7	12.7	12.7	17.1	-3.2	1.9	39.6	22.4	9.5
4084	ok	0.0	0.2	2.48e-03	12.7	12.7	12.7	12.7	16.0	12.9	7.6	45.8	-28.7	0.6
4085	ok	0.0	0.1	2.99e-03	12.7	12.7	12.7	12.7	15.6	9.9	8.2	16.4	-27.0	-5.6
4086	ok	0.0	0.3	3.02e-03	12.7	12.7	12.7	12.7	17.6	-18.0	-3.1	63.5	24.1	-5.4
4087	ok	0.0	0.2	3.21e-03	12.7	12.7	12.7	12.7	17.3	-3.0	-0.2	35.1	12.7	-1.4
4088	ok	0.0	1.0	4.88e-03	12.7	23.1	15.8	28.0	0.6	-35.1	1.0	277.7	370.0	142.8
4089	ok	0.0	0.4	2.39e-03	12.7	12.7	12.7	12.7	8.6	10.4	1.7	91.6	-38.5	31.1
4090	ok	0.0	0.6	2.99e-03	12.7	12.7	12.7	12.7	16.7	-15.9	3.0	117.9	89.9	38.3
4091	ok	0.0	0.1	2.70e-03	12.7	12.7	12.7	12.7	-19.4	11.0	6.1	16.4	9.6	17.3
4092	ok	0.0	0.3	2.42e-03	12.7	12.7	12.7	12.7	14.5	7.1	-0.5	27.8	-44.8	40.9
4093	ok	0.0	0.2	2.55e-03	12.7	12.7	12.7	12.7	14.9	5.8	-1.1	17.0	-21.8	35.7
4094	ok	0.0	0.3	3.11e-03	12.7	12.7	12.7	12.7	-23.0	-5.2	0.1	58.3	57.0	13.7
4095	ok	0.0	0.9	3.59e-03	12.7	12.7	12.7	12.7	-19.0	-8.6	-2.3	147.1	98.8	37.9
4096	ok	0.0	0.3	2.41e-03	12.7	12.7	12.7	12.7	13.4	8.8	-1.1	57.2	-39.8	49.6
4097	ok	0.0	0.4	2.34e-03	12.7	12.7	12.7	12.7	12.1	10.3	-0.7	84.0	-39.3	46.3
4098	ok	0.0	0.4	2.62e-03	12.7	12.7	12.7	12.7	-19.0	-8.2	-2.2	60.3	11.1	47.2
4099	ok	0.0	0.6	2.78e-03	12.7	12.7	12.7	12.7	-16.7	-9.9	-2.5	113.9	25.3	50.5
4100	ok	0.0	0.2	2.57e-03	12.7	12.7	12.7	12.7	25.2	7.1	3.0	-22.1	-28.9	11.0
4101	ok	0.0	0.3	2.48e-03	12.7	12.7	12.7	12.7	15.1	6.5	0.4	0.7	-52.0	28.9
4102	ok	0.0	0.2	2.53e-03	12.7	12.7	12.7	12.7	26.2	8.7	2.1	-12.3	-39.1	22.8
4103	ok	0.0	0.4	2.35e-03	12.7	12.7	12.7	12.7	12.0	8.7	4.6	-70.1	-88.1	5.3
4104	ok	0.0	0.4	2.42e-03	12.7	12.7	12.7	12.7	14.5	9.6	4.4	-83.6	-73.7	11.4
4105	ok	0.0	0.4	2.38e-03	12.7	12.7	12.7	12.7	13.3	9.1	4.5	-77.6	-82.6	10.0
4106	ok	0.0	0.3	2.39e-03	12.7	12.7	12.7	12.7	12.0	7.5	4.1	-68.4	-80.7	-0.4
4107	ok	0.0	0.3	2.43e-03	12.7	12.7	12.7	12.7	12.3	6.5	3.5	-63.4	-71.8	-2.5
4108	ok	0.0	0.3	2.46e-03	12.7	12.7	12.7	12.7	12.6	5.5	2.9	-54.7	-60.7	-1.4
4109	ok	0.0	0.2	2.50e-03	12.7	12.7	12.7	12.7	23.9	7.8	4.7	-40.2	-46.6	4.1
4110	ok	0.0	0.3	2.45e-03	12.7	12.7	12.7	12.7	14.6	8.9	3.8	-74.3	-71.8	7.4
4111	ok	0.0	0.3	2.47e-03	12.7	12.7	12.7	12.7	14.8	8.1	3.1	-61.0	-68.8	6.9
4112	ok	0.0	0.3	2.48e-03	12.7	12.7	12.7	12.7	15.0	7.4	2.3	-44.3	-64.7	10.3
4113	ok	0.0	0.3	2.49e-03	12.7	12.7	12.7	12.7	15.1	6.7	1.4	-23.3	-59.0	17.9
4114	ok	0.0	0.3	2.42e-03	12.7	12.7	12.7	12.7	13.5	8.2	4.0	-72.0	-77.7	5.4
4115	ok	0.0	0.3	2.45e-03	12.7	12.7	12.7	12.7	13.7	7.3	3.3	-63.0	-71.4	4.3
4116	ok	0.0	0.3	2.48e-03	12.7	12.7	12.7	12.7	14.0	6.4	2.6	-50.4	-63.3	6.9
4117	ok	0.0	0.3	2.50e-03	12.7	12.7	12.7	12.7	14.4	5.7	1.6	-33.3	-52.4	13.4
4118	ok	0.0	0.5	2.21e-03	12.7	12.7	12.7	12.7	12.2	10.7	5.0	-65.1	-101.3	35.2
4119	ok	0.0	0.5	2.33e-03	12.7	12.7	12.7	12.7	14.6	11.1	5.6	-87.3	-72.2	37.9
4120	ok	0.0	0.5	2.27e-03	12.7	12.7	12.7	12.7	13.4	10.8	5.3	-76.9	-89.3	37.6
4121	ok	0.0	0.5	2.26e-03	12.7	12.7	12.7	12.7	12.0	10.3	5.0	-67.6	-98.2	24.0
4122	ok	0.0	0.4	2.31e-03	12.7	12.7	12.7	12.7	11.9	9.6	4.9	-69.7	-93.9	13.6
4123	ok	0.0	0.5	2.36e-03	12.7	12.7	12.7	12.7	14.5	10.8	5.2	-90.1	-74.0	27.5
4124	ok	0.0	0.4	2.39e-03	12.7	12.7	12.7	12.7	14.4	10.3	4.8	-88.9	-74.5	18.4
4125	ok	0.0	0.5	2.30e-03	12.7	12.7	12.7	12.7	13.3	10.4	5.1	-79.8	-88.3	27.1
4126	ok	0.0	0.4	2.34e-03	12.7	12.7	12.7	12.7	13.2	9.8	4.9	-80.1	-86.1	17.5
4127	ok	0.0	0.5	2.06e-03	12.7	12.7	12.7	12.7	15.8	9.6	5.3	-52.1	-101.3	41.4
4128	ok	0.0	0.3	2.20e-03	12.7	12.7	12.7	12.7	-14.0	-3.3	-1.4	-15.4	-66.3	31.7
4129	ok	0.0	0.5	2.13e-03	12.7	12.7	12.7	12.7	-13.7	-4.5	-1.5	-36.5	-87.0	36.5
4130	ok	0.0	0.6	2.08e-03	12.7	12.7	12.7	12.7	15.4	9.7	5.3	-49.7	-104.1	50.8
4131	ok	0.0	0.6	2.10e-03	12.7	12.7	12.7	12.7	14.7	9.9	5.2	-50.6	-105.1	57.0
4132	ok	0.0	0.6	2.12e-03	12.7	12.7	12.7	12.7	14.0	10.3	5.1	-53.7	-105.0	58.4
4133	ok	0.0	0.6	2.13e-03	12.7	12.7	12.7	12.7	13.3	10.6	5.0	-57.3	-104.5	55.1
4134	ok	0.0	0.6	2.18e-03	12.7	12.7	12.7	12.7	12.5	10.8	5.0	-63.1	-102.9	42.5
4135	ok	0.0	0.4	2.24e-03	12.7	12.7	12.7	12.7	-14.2	-3.6	-2.3	-19.4	-68.2	46.7
4136	ok	0.0	0.5	2.26e-03	12.7	12.7	12.7	12.7	-14.4	-4.7	-2.6	-31.1	-67.7	58.5
4137	ok	0.0	0.5	2.27e-03	12.7	12.7	12.7	12.7	15.9	10.6	6.6	-48.3	-66.0	62.6
4138	ok	0.0	0.5	2.28e-03	12.7	12.7	12.7	12.7	15.3	11.0	6.3	-65.1	-67.3	58.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4139	ok	0.0	0.5	2.31e-03	12.7	12.7	12.7	12.7	14.7	11.2	5.8	-83.0	-70.9	44.8
4140	ok	0.0	0.5	2.16e-03	12.7	12.7	12.7	12.7	-13.8	-4.7	-2.1	-36.7	-89.7	48.4
4141	ok	0.0	0.5	2.18e-03	12.7	12.7	12.7	12.7	15.7	10.0	5.9	-41.8	-90.5	57.8
4142	ok	0.0	0.6	2.19e-03	12.7	12.7	12.7	12.7	15.0	10.4	5.9	-51.6	-90.1	60.0
4143	ok	0.0	0.6	2.21e-03	12.7	12.7	12.7	12.7	14.4	10.7	5.7	-61.6	-89.8	56.8
4144	ok	0.0	0.5	2.25e-03	12.7	12.7	12.7	12.7	13.6	10.9	5.5	-73.6	-89.8	44.3
4145	ok	0.0	0.5	2.03e-03	12.7	12.7	12.7	12.7	16.1	9.7	5.4	-55.4	-98.2	34.4
4146	ok	0.0	0.3	2.16e-03	12.7	12.7	12.7	12.7	-13.9	-3.4	-0.8	-18.1	-63.1	21.0
4147	ok	0.0	0.4	2.10e-03	12.7	12.7	12.7	12.7	-13.5	-4.5	-1.2	-39.3	-83.7	27.9
4148	ok	0.0	0.4	1.98e-03	12.7	12.7	12.7	12.7	16.6	10.3	5.8	-67.6	-86.4	18.3
4149	ok	0.0	0.2	2.07e-03	12.7	12.7	12.7	12.7	-13.0	-4.4	3.24e-02	-39.1	-50.8	7.88e-02
4150	ok	0.0	0.3	2.03e-03	12.7	12.7	12.7	12.7	-12.6	-4.6	-0.5	-54.2	-70.6	9.8
4151	ok	0.0	0.5	2.01e-03	12.7	12.7	12.7	12.7	16.3	10.0	5.6	-60.9	-92.9	25.9
4152	ok	0.0	0.3	2.11e-03	12.7	12.7	12.7	12.7	-13.4	-3.8	-0.3	-26.9	-57.4	8.9
4153	ok	0.0	0.4	2.06e-03	12.7	12.7	12.7	12.7	-13.2	-4.7	-0.7	-45.9	-77.9	17.6
4154	ok	0.0	0.4	1.93e-03	12.7	12.7	12.7	12.7	17.5	12.0	7.0	-80.9	-41.0	0.4
4155	ok	0.0	0.3	2.06e-03	12.7	12.7	12.7	12.7	19.1	12.9	7.6	-68.1	-23.1	-20.2
4156	ok	0.0	0.3	2.00e-03	12.7	12.7	12.7	12.7	18.4	12.4	7.4	-74.8	-31.7	-12.0
4157	ok	0.0	0.4	1.92e-03	12.7	12.7	12.7	12.7	17.3	11.6	6.7	-83.1	-54.8	3.1
4158	ok	0.0	0.4	1.93e-03	12.7	12.7	12.7	12.7	17.0	11.2	6.4	-80.8	-66.8	6.6
4159	ok	0.0	0.4	1.95e-03	12.7	12.7	12.7	12.7	16.8	10.7	6.1	-75.2	-77.2	11.4
4160	ok	0.0	0.3	2.05e-03	12.7	12.7	12.7	12.7	18.9	12.4	7.3	-68.7	-29.5	-16.9
4161	ok	0.0	0.3	2.04e-03	12.7	12.7	12.7	12.7	18.7	12.0	6.9	-63.0	-35.3	-13.7
4162	ok	0.0	0.3	2.05e-03	12.7	12.7	12.7	12.7	-12.8	-5.1	0.1	-52.8	-42.5	-8.2
4163	ok	0.0	0.3	1.99e-03	12.7	12.7	12.7	12.7	18.1	12.0	7.0	-76.0	-42.8	-8.5
4164	ok	0.0	0.3	1.99e-03	12.7	12.7	12.7	12.7	17.8	11.5	6.6	-72.0	-52.7	-4.6
4165	ok	0.0	0.3	2.00e-03	12.7	12.7	12.7	12.7	-12.2	-5.0	-0.3	-63.5	-62.0	3.1
4166	ok	0.0	0.3	1.96e-03	12.7	12.7	12.7	12.7	18.1	12.7	7.6	-66.0	-13.6	-4.0
4167	ok	0.0	0.3	2.10e-03	12.7	12.7	12.7	12.7	19.4	13.7	8.2	-53.7	-10.4	-27.0
4168	ok	0.0	0.3	2.04e-03	12.7	12.7	12.7	12.7	18.8	13.2	8.0	-60.1	-10.5	-18.2
4169	ok	0.0	0.3	1.94e-03	12.7	12.7	12.7	12.7	17.8	12.4	7.3	-75.4	-28.2	-1.7
4170	ok	0.0	0.3	2.08e-03	12.7	12.7	12.7	12.7	19.3	13.2	7.9	-63.0	-17.2	-23.4
4171	ok	0.0	0.3	2.01e-03	12.7	12.7	12.7	12.7	18.6	12.8	7.7	-69.5	-21.7	-14.9
4172	ok	0.0	0.3	1.98e-03	12.7	12.7	12.7	12.7	17.8	12.5	7.6	-53.5	5.6	-7.6
4173	ok	0.0	0.3	2.12e-03	12.7	12.7	12.7	12.7	19.5	14.1	8.5	-42.5	-3.8	-30.3
4174	ok	0.0	0.3	2.06e-03	12.7	12.7	12.7	12.7	18.5	13.1	8.0	-47.7	4.4	-22.5
4175	ok	0.0	0.2	2.02e-03	12.7	12.7	12.7	12.7	18.1	12.9	8.0	-38.0	22.1	-10.6
4176	ok	0.0	0.2	2.14e-03	12.7	12.7	12.7	12.7	19.2	14.2	8.6	-26.5	7.7	-35.1
4177	ok	0.0	0.2	2.10e-03	12.7	12.7	12.7	12.7	18.7	13.5	8.4	-32.0	16.5	-26.1
4178	ok	0.0	0.2	2.10e-03	12.7	12.7	12.7	12.7	18.6	13.4	8.7	-8.7	47.6	-15.7
4179	ok	0.0	0.2	2.17e-03	12.7	12.7	12.7	12.7	-12.6	-6.1	-1.2	4.0	22.4	-38.0
4180	ok	0.0	0.2	2.15e-03	12.7	12.7	12.7	12.7	-5.5	-6.1	-10.6	17.8	35.4	-18.7
4181	ok	0.0	0.6	2.47e-03	12.7	12.7	12.7	12.7	-12.8	-6.2	-3.4	108.3	116.4	-31.0
4182	ok	0.0	0.4	2.15e-03	12.7	12.7	12.7	12.7	-11.9	-7.0	-1.3	84.8	47.6	-35.0
4183	ok	0.0	0.5	2.26e-03	12.7	12.7	12.7	12.7	-11.6	-7.3	-2.4	102.6	72.9	-35.0
4184	ok	0.0	0.4	2.24e-03	12.7	12.7	12.7	12.7	-12.8	-5.2	-2.0	40.9	83.8	-20.8
4185	ok	0.0	0.3	2.18e-03	12.7	12.7	12.7	12.7	-12.3	-6.5	-1.4	41.6	35.0	-39.8
4186	ok	0.0	0.4	2.22e-03	12.7	12.7	12.7	12.7	-12.4	-6.1	-1.9	44.5	58.1	-34.8
4187	ok	0.0	1.0	2.52e-03	12.7	16.3	12.7	12.7	-6.9	-13.1	-1.4	283.3	133.0	19.4
4188	ok	0.0	0.7	1.88e-03	12.7	12.7	12.7	12.7	-11.4	-6.9	0.7	163.6	82.7	7.0
4189	ok	0.0	0.9	1.86e-03	12.7	12.7	12.7	12.7	-8.8	-9.0	0.3	209.5	89.6	17.3
4190	ok	0.0	0.9	2.76e-03	12.7	12.9	12.7	12.7	-10.9	-10.1	-4.8	212.2	134.9	-31.9
4191	ok	0.0	0.6	2.04e-03	12.7	12.7	12.7	12.7	-11.4	-7.3	-0.7	128.7	62.2	-19.5
4192	ok	0.0	0.7	2.16e-03	12.7	12.7	12.7	12.7	-10.2	-8.8	-1.7	166.1	82.0	-18.0
4193	ok	0.0	0.6	1.24e-03	12.7	12.7	12.7	12.7	14.4	13.6	4.1	144.5	104.9	15.8
4194	ok	0.0	1.0	2.48e-03	12.7	16.8	12.7	12.7	6.2	-10.3	-9.6	287.8	131.2	17.5
4195	ok	0.0	0.9	1.58e-03	12.7	12.7	12.7	12.7	16.2	11.3	3.2	193.0	97.1	23.2
4196	ok	0.0	0.9	1.27e-03	12.7	13.0	12.7	12.7	14.6	15.1	4.9	191.3	125.1	47.8
4197	ok	0.0	0.9	1.72e-03	12.7	16.9	12.7	12.7	-6.1	-8.7	2.5	249.3	137.0	57.0
4198	ok	0.0	0.9	4.03e-03	12.7	15.6	12.7	12.7	10.2	-8.1	1.6	231.5	119.8	54.6
4199	ok	0.0	0.8	1.88e-03	12.7	12.7	12.7	12.7	-11.7	-5.3	2.4	185.4	111.6	33.9
4200	ok	0.0	0.9	1.46e-03	12.7	14.3	12.7	12.7	16.3	14.1	5.5	212.7	99.9	48.9
4201	ok	0.0	0.9	1.44e-03	12.7	14.1	12.7	12.7	-8.3	-6.9	2.0	218.5	96.6	44.9
4202	ok	0.0	0.4	1.06e-03	12.7	12.7	12.7	12.7	11.7	17.3	1.8	8.9	52.8	-51.4
4203	ok	0.0	0.5	1.12e-03	12.7	12.7	12.7	12.7	9.8	19.6	0.7	32.4	96.5	-33.0
4204	ok	0.0	0.4	1.12e-03	12.7	12.7	12.7	12.7	11.4	18.5	1.3	28.0	69.3	-47.1
4205	ok	0.0	0.4	1.17e-03	12.7	12.7	12.7	12.7	13.2	14.7	2.4	79.4	76.5	-26.1
4206	ok	0.0	0.8	2.49e-03	12.7	12.7	12.7	12.7	11.0	19.3	-7.1	168.1	132.1	-35.0
4207	ok	0.0	0.6	1.35e-03	12.7	12.7	12.7	12.7	13.4	13.5	0.4	120.8	88.9	-24.6
4208	ok	0.0	0.3	4.80e-04	12.7	12.7	12.7	12.7	5.9	22.1	-10.1	-53.6	-48.0	20.0
4209	ok	0.0	0.4	8.54e-03	12.7	12.7	12.7	12.7	22.9	1.1	-0.3	-76.2	-3.1	22.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4210	ok	0.0	0.4	1.59e-03	12.7	12.7	12.7	12.7	-2.52e-02	-9.0	-6.01e-02	-0.3	84.7	8.1
4211	ok	0.0	0.4	1.39e-03	12.7	12.7	12.7	12.7	0.1	-6.5	-1.0	5.2	86.4	37.8
4212	ok	0.0	0.9	2.79e-02	12.7	12.7	12.7	12.7	403.2	13.2	36.3	-108.9	-8.0	-16.0
4213	ok	0.0	0.9	2.35e-02	12.7	12.7	12.7	12.7	-235.5	4.7	-77.5	90.8	29.3	36.2
4214	ok	0.0	0.2	3.09e-03	12.7	12.7	12.7	12.7	-0.4	-15.9	0.6	-12.7	-58.9	7.9
4215	ok	0.0	0.4	7.72e-03	12.7	12.7	12.7	12.7	-79.6	-8.3	-6.1	91.9	26.1	-31.3
4216	ok	0.0	0.3	1.10e-02	12.7	12.7	12.7	12.7	76.0	4.0	12.3	-28.4	-2.1	-7.4
4217	ok	0.0	0.7	2.21e-02	12.7	12.7	12.7	12.7	311.5	12.7	37.6	-86.6	-7.0	-12.6
4218	ok	0.0	0.9	3.85e-03	12.7	16.0	12.7	18.5	4.5	4.4	0.2	233.4	174.5	48.3
4219	ok	0.0	0.4	3.40e-03	12.7	12.7	12.7	12.7	5.1	-3.5	4.4	68.8	62.0	29.8
4220	ok	0.0	0.3	3.66e-03	12.7	12.7	12.7	12.7	6.5	-1.4	5.6	46.3	18.2	21.2
4221	ok	0.0	1.0	5.05e-03	19.6	54.7	18.1	48.5	-50.2	-28.7	24.5	665.6	561.5	-291.4
4222	ok	0.0	0.1	2.70e-03	12.7	12.7	12.7	12.7	-23.2	11.4	1.7	13.9	12.0	13.7
4223	ok	0.0	0.3	3.29e-03	12.7	12.7	12.7	12.7	-22.9	12.3	1.3	49.3	49.7	20.5
4224	ok	0.0	0.9	4.20e-03	12.7	17.9	14.6	12.7	-37.8	-31.1	11.2	144.2	162.2	-17.4
4225	ok	0.0	0.1	2.56e-03	12.7	12.7	12.7	12.7	24.0	5.9	4.1	-24.8	-26.5	6.0
4226	ok	0.0	0.4	2.35e-03	12.7	12.7	12.7	12.7	11.6	8.6	4.7	-67.0	-88.9	3.2
4227	ok	0.0	0.4	2.38e-03	12.7	12.7	12.7	12.7	11.5	7.4	4.2	-66.7	-80.9	-2.8
4228	ok	0.0	0.3	2.42e-03	12.7	12.7	12.7	12.7	11.8	6.2	3.7	-63.0	-71.4	-5.3
4229	ok	0.0	0.3	2.45e-03	12.7	12.7	12.7	12.7	12.1	5.2	3.0	-55.6	-59.8	-4.7
4230	ok	0.0	0.2	2.49e-03	12.7	12.7	12.7	12.7	12.5	4.3	2.2	-43.2	-44.5	-1.0
4231	ok	0.0	0.5	2.19e-03	12.7	12.7	12.7	12.7	11.8	10.7	4.9	-60.5	-103.9	34.3
4232	ok	0.0	0.5	2.25e-03	12.7	12.7	12.7	12.7	11.5	10.3	4.9	-62.9	-100.3	22.7
4233	ok	0.0	0.4	2.30e-03	12.7	12.7	12.7	12.7	11.5	9.5	4.9	-65.5	-95.4	11.8
4234	ok	0.0	0.5	2.04e-03	12.7	12.7	12.7	12.7	15.5	9.6	5.2	-56.9	-104.6	42.8
4235	ok	0.0	0.6	2.06e-03	12.7	12.7	12.7	12.7	15.0	9.6	5.0	-53.5	-107.2	51.4
4236	ok	0.0	0.6	2.08e-03	12.7	12.7	12.7	12.7	14.4	9.9	4.9	-52.8	-108.2	57.0
4237	ok	0.0	0.6	2.09e-03	12.7	12.7	12.7	12.7	13.7	10.2	4.8	-53.7	-108.1	58.3
4238	ok	0.0	0.6	2.11e-03	12.7	12.7	12.7	12.7	13.0	10.6	4.8	-55.3	-107.5	54.8
4239	ok	0.0	0.6	2.16e-03	12.7	12.7	12.7	12.7	12.1	10.8	4.8	-58.9	-105.5	41.7
4240	ok	0.0	0.5	2.01e-03	12.7	12.7	12.7	12.7	15.8	9.7	5.3	-60.3	-101.7	36.4
4241	ok	0.0	0.4	1.96e-03	12.7	12.7	12.7	12.7	16.3	10.2	5.7	-71.9	-90.2	21.5
4242	ok	0.0	0.5	1.99e-03	12.7	12.7	12.7	12.7	16.0	9.9	5.5	-65.7	-96.7	28.5
4243	ok	0.0	0.4	1.90e-03	12.7	12.7	12.7	12.7	17.3	11.9	6.9	-82.6	-44.1	5.2
4244	ok	0.0	0.4	1.90e-03	12.7	12.7	12.7	12.7	17.0	11.5	6.6	-85.1	-58.5	7.5
4245	ok	0.0	0.4	1.91e-03	12.7	12.7	12.7	12.7	16.7	11.0	6.3	-83.5	-70.8	10.6
4246	ok	0.0	0.4	1.93e-03	12.7	12.7	12.7	12.7	16.5	10.6	6.0	-78.6	-81.3	15.2
4247	ok	0.0	0.3	1.92e-03	12.7	12.7	12.7	12.7	18.2	12.6	7.4	-65.0	-18.0	2.8
4248	ok	0.0	0.3	1.90e-03	12.7	12.7	12.7	12.7	17.5	12.2	7.2	-77.0	-30.7	3.6
4249	ok	0.0	0.3	1.95e-03	12.7	12.7	12.7	12.7	8.2	11.7	14.2	-49.4	-10.0	-2.4
4250	ok	0.0	0.2	1.98e-03	12.7	12.7	12.7	12.7	17.8	12.6	7.8	-39.7	21.9	-3.3
4251	ok	0.0	0.2	2.06e-03	12.7	12.7	12.7	12.7	18.4	13.1	8.4	-11.7	49.8	-7.5
4252	ok	0.0	0.6	2.55e-03	12.7	12.7	12.7	12.7	-13.8	-5.3	-3.6	104.8	135.4	-22.6
4253	ok	0.0	0.4	2.22e-03	12.7	12.7	12.7	12.7	-12.9	-4.8	-1.7	38.4	90.2	-11.5
4254	ok	0.0	1.0	3.00e-03	12.7	18.9	12.7	13.2	-6.2	-15.8	-3.0	325.3	165.1	22.8
4255	ok	0.0	0.9	3.18e-03	12.7	14.3	12.7	12.7	-13.4	-9.9	-6.7	229.1	168.2	-39.9
4256	ok	0.0	0.6	1.13e-03	12.7	12.7	12.7	12.7	13.6	14.2	4.2	129.6	111.0	9.6
4257	ok	0.0	0.9	1.25e-03	12.7	12.7	12.7	12.7	13.7	14.8	5.1	180.2	146.3	41.3
4258	ok	0.0	1.0	1.91e-03	12.7	18.3	12.7	12.7	12.6	21.2	4.3	259.8	160.8	68.8
4259	ok	0.0	0.4	1.03e-03	12.7	12.7	12.7	12.7	-5.2	1.4	2.5	-6.7	43.8	-55.1
4260	ok	0.0	0.4	1.11e-03	12.7	12.7	12.7	12.7	12.8	15.2	2.7	65.9	75.3	-29.9
4261	ok	0.0	0.4	9.59e-04	12.7	12.7	12.7	12.7	-5.0	1.6	2.1	-46.7	25.3	-63.9
4262	ok	0.0	0.7	1.06e-03	12.7	12.7	12.7	12.7	10.8	23.5	-2.5	-136.8	-61.4	-44.8
4263	ok	0.0	0.6	1.31e-03	12.7	12.7	12.7	12.7	13.4	20.4	-3.7	-123.0	-48.9	-35.2
4264	ok	0.0	0.6	1.16e-03	12.7	12.7	12.7	12.7	11.9	22.1	-3.3	-130.9	-57.2	-39.5
4265	ok	0.0	0.5	1.53e-03	12.7	12.7	12.7	12.7	23.3	21.0	-3.2	-112.3	-36.8	-32.1
4266	ok	0.0	0.5	1.94e-03	12.7	12.7	12.7	12.7	3.6	7.86e-02	7.6	-116.4	-40.1	-13.5
4267	ok	0.0	1.0	9.74e-03	12.7	14.5	12.7	16.6	-47.5	13.2	3.8	91.9	121.6	-69.3
4268	ok	0.0	0.6	2.56e-03	12.7	12.7	12.7	12.7	3.3	15.9	-8.6	50.1	55.6	-97.4
4270	ok	0.0	1.0	1.21e-02	12.7	38.3	21.9	28.3	-70.1	-78.7	81.1	560.2	348.4	-100.5
4271	ok	0.0	1.0	8.26e-03	12.7	15.8	12.7	17.6	-12.6	-15.4	-0.8	169.6	202.2	126.5
4272	ok	0.0	0.9	3.32e-03	12.7	12.7	12.7	12.7	17.7	34.7	11.3	86.3	116.7	108.8
4273	ok	0.0	1.0	4.30e-03	12.7	12.7	13.0	18.6	15.6	53.7	-13.3	-26.8	270.7	-59.0
4274	ok	0.0	0.3	5.29e-04	12.7	12.7	12.7	12.7	5.3	19.1	-9.5	-47.1	-47.4	29.6
4275	ok	0.0	0.8	1.89e-03	12.7	12.7	12.7	12.7	8.1	45.5	-27.6	110.1	103.0	-73.4
4276	ok	0.0	0.5	1.21e-03	12.7	12.7	12.7	12.7	-3.6	16.9	-5.36e-02	57.4	69.4	-47.1
4277	ok	0.0	0.4	6.87e-04	12.7	12.7	12.7	12.7	7.0	17.2	-10.1	-66.9	-27.3	37.3
4278	ok	0.0	0.7	1.53e-03	12.7	12.7	12.7	12.7	-4.8	-1.9	-3.2	-133.3	-33.0	-57.9
4279	ok	0.0	0.3	6.76e-04	12.7	12.7	12.7	12.7	2.7	-0.7	-0.2	51.6	30.4	33.5
4280	ok	0.0	0.6	6.30e-04	12.7	12.7	12.7	12.7	0.2	6.6	1.0	-51.4	-133.0	17.0
4281	ok	0.0	0.4	1.45e-03	12.7	12.7	12.7	12.7	-2.67e-02	-5.9	-1.1	7.2	70.9	36.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4282	ok	0.0	0.5	1.61e-02	12.7	12.7	12.7	12.7	226.2	10.0	34.0	-58.1	-4.5	-9.1
4283	ok	0.0	0.4	1.27e-02	12.7	12.7	12.7	12.7	95.4	9.7	48.7	-29.9	0.4	-12.2
4284	ok	0.0	0.4	1.44e-03	12.7	12.7	12.7	12.7	8.1	6.0	6.3	-46.7	-40.7	-42.7
4285	ok	0.0	0.4	2.00e-03	12.7	12.7	12.7	12.7	0.8	0.3	0.3	-76.2	-17.3	-30.8
4286	ok	0.0	0.5	1.60e-02	12.7	12.7	12.7	12.7	227.1	15.2	103.3	-56.1	-4.9	-13.2
4287	ok	0.0	0.7	1.98e-02	12.7	12.7	12.7	12.7	289.8	5.4	47.4	-82.8	-2.8	-12.0
4288	ok	0.0	0.8	3.11e-03	12.7	12.7	12.7	12.7	-0.4	6.0	23.0	126.2	107.4	52.8
4289	ok	0.0	0.5	3.41e-03	12.7	12.7	12.7	12.7	2.6	7.5	5.8	82.1	40.2	42.1
4290	ok	0.0	0.1	1.34e-03	12.7	12.7	12.7	12.7	-0.1	18.4	1.3	1.3	19.9	10.8
4291	ok	0.0	1.0	5.92e-03	12.7	20.8	15.8	19.0	-35.1	-15.5	-7.1	181.9	238.8	108.9
4292	ok	0.0	9.05e-02	2.80e-03	12.7	12.7	12.7	12.7	-12.2	4.2	-8.7	12.6	16.3	0.4
4293	ok	0.0	0.3	3.11e-03	12.7	12.7	12.7	12.7	-27.7	-6.6	-12.5	68.1	40.3	8.9
4294	ok	0.0	0.6	4.89e-03	12.7	12.7	12.7	12.7	-26.9	1.7	-12.7	120.0	84.6	18.2
4295	ok	0.0	0.1	2.54e-03	12.7	12.7	12.7	12.7	6.9	-6.2	-12.2	-28.4	-25.9	-3.1
4296	ok	0.0	0.4	2.34e-03	12.7	12.7	12.7	12.7	10.7	8.3	4.6	-63.1	-89.1	-0.1
4297	ok	0.0	0.4	2.37e-03	12.7	12.7	12.7	12.7	10.9	7.1	4.3	-64.2	-80.6	-6.2
4298	ok	0.0	0.3	2.40e-03	12.7	12.7	12.7	12.7	11.1	6.0	3.8	-62.2	-70.6	-9.2
4299	ok	0.0	0.3	2.43e-03	12.7	12.7	12.7	12.7	11.4	4.9	3.2	-56.4	-58.5	-9.2
4300	ok	0.0	0.2	2.47e-03	12.7	12.7	12.7	12.7	11.8	3.9	2.4	-45.2	-42.9	-6.6
4301	ok	0.0	0.5	2.17e-03	12.7	12.7	12.7	12.7	11.2	10.8	4.7	-54.1	-106.0	32.8
4302	ok	0.0	0.5	2.23e-03	12.7	12.7	12.7	12.7	10.9	10.3	4.9	-56.5	-102.0	20.4
4303	ok	0.0	0.4	2.29e-03	12.7	12.7	12.7	12.7	10.9	9.5	4.9	-60.0	-96.3	9.1
4304	ok	0.0	0.6	2.01e-03	12.7	12.7	12.7	12.7	15.1	9.5	5.0	-62.6	-107.5	44.5
4305	ok	0.0	0.6	2.03e-03	12.7	12.7	12.7	12.7	14.6	9.6	4.8	-58.1	-109.7	52.3
4306	ok	0.0	0.6	2.04e-03	12.7	12.7	12.7	12.7	14.0	9.8	4.6	-55.3	-110.6	57.2
4307	ok	0.0	0.6	2.06e-03	12.7	12.7	12.7	12.7	13.3	10.2	4.5	-53.5	-110.6	58.1
4308	ok	0.0	0.6	2.07e-03	12.7	12.7	12.7	12.7	12.5	10.6	4.4	-52.5	-110.1	54.4
4309	ok	0.0	0.5	2.13e-03	12.7	12.7	12.7	12.7	11.5	10.9	4.6	-53.0	-107.9	40.7
4310	ok	0.0	0.5	1.99e-03	12.7	12.7	12.7	12.7	15.4	9.6	5.1	-66.3	-104.9	38.9
4311	ok	0.0	0.5	1.93e-03	12.7	12.7	12.7	12.7	15.9	10.1	5.6	-77.0	-94.4	25.4
4312	ok	0.0	0.5	1.96e-03	12.7	12.7	12.7	12.7	15.7	9.8	5.3	-71.4	-100.4	31.7
4313	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	16.8	11.7	6.7	-84.5	-48.3	11.4
4314	ok	0.0	0.4	1.87e-03	12.7	12.7	12.7	12.7	16.6	11.3	6.4	-87.4	-63.1	13.0
4315	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	16.3	10.9	6.2	-86.5	-75.5	15.6
4316	ok	0.0	0.4	1.91e-03	12.7	12.7	12.7	12.7	16.1	10.5	5.9	-82.7	-85.9	19.6
4317	ok	0.0	0.3	1.87e-03	12.7	12.7	12.7	12.7	17.8	12.4	7.2	-66.7	-20.8	10.1
4318	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	17.1	12.1	7.0	-78.7	-34.4	10.5
4319	ok	0.0	8.38e-03	2.62e-05	12.7	12.7	12.7	12.7	0.2	0.2	-0.1	1.6	1.3	-0.5
4320	ok	0.0	0.5	1.01e-02	12.7	12.7	12.7	12.7	-116.4	3.6	-3.5	117.6	-3.2	-21.8
4321	ok	0.0	2.80e-02	8.54e-05	12.7	12.7	12.7	12.7	-0.5	-0.1	-0.1	-5.7	-0.3	2.7
4322	ok	0.0	2.50e-02	9.71e-05	12.7	12.7	12.7	12.7	0.3	-0.5	-0.1	-0.3	-4.6	2.9
4323	ok	0.0	5.88e-02	2.47e-04	12.7	12.7	12.7	12.7	5.06e-02	4.88e-02	8.68e-02	-4.3	-4.0	9.9
4324	ok	0.0	0.4	1.37e-03	12.7	12.7	12.7	12.7	8.1	3.8	7.8	-55.0	-28.5	-37.8
4325	ok	0.0	0.3	8.04e-04	12.7	12.7	12.7	12.7	-0.3	4.9	2.1	1.3	78.5	0.5
4326	ok	0.0	0.3	1.34e-03	12.7	12.7	12.7	12.7	7.6	4.4	8.0	-39.2	-38.2	-38.1
4327	ok	0.0	0.7	3.33e-03	12.7	12.7	12.7	12.7	-18.9	-11.3	-15.5	135.3	104.1	36.2
4328	ok	0.0	0.1	2.95e-03	12.7	12.7	12.7	12.7	6.4	-7.5	4.1	-11.4	-11.2	-7.1
4329	ok	0.0	0.2	3.13e-03	12.7	12.7	12.7	12.7	-23.0	9.6	-12.6	49.5	26.4	-6.3
4330	ok	0.0	0.5	4.36e-03	12.7	12.7	12.7	12.7	-22.8	4.0	-12.5	95.1	53.2	9.0
4331	ok	0.0	0.2	2.58e-03	12.7	12.7	12.7	12.7	6.7	-6.6	4.3	-30.5	-25.3	-9.1
4332	ok	0.0	0.4	2.33e-03	12.7	12.7	12.7	12.7	9.9	8.2	4.7	-56.9	-88.1	-4.7
4333	ok	0.0	0.4	2.36e-03	12.7	12.7	12.7	12.7	10.1	6.9	4.4	-60.3	-79.2	-11.3
4334	ok	0.0	0.3	2.38e-03	12.7	12.7	12.7	12.7	10.2	5.6	3.9	-60.6	-69.0	-14.7
4335	ok	0.0	0.3	2.40e-03	12.7	12.7	12.7	12.7	10.4	4.5	3.3	-56.7	-56.9	-15.4
4336	ok	0.0	0.3	2.43e-03	12.7	12.7	12.7	12.7	10.6	3.4	2.6	-47.2	-41.6	-13.9
4337	ok	0.0	0.5	2.15e-03	12.7	12.7	12.7	12.7	10.5	10.9	4.4	-44.8	-106.8	30.8
4338	ok	0.0	0.5	2.22e-03	12.7	12.7	12.7	12.7	10.1	10.4	4.8	-47.0	-102.3	17.5
4339	ok	0.0	0.4	2.28e-03	12.7	12.7	12.7	12.7	10.1	9.5	4.9	-51.8	-95.9	5.1
4340	ok	0.0	0.6	1.98e-03	12.7	12.7	12.7	12.7	14.6	9.3	4.7	-69.0	-109.5	46.6
4341	ok	0.0	0.6	1.99e-03	12.7	12.7	12.7	12.7	14.2	9.4	4.4	-63.0	-111.1	53.3
4342	ok	0.0	0.6	2.00e-03	12.7	12.7	12.7	12.7	13.5	9.7	4.2	-57.6	-111.6	57.6
4343	ok	0.0	0.6	2.01e-03	12.7	12.7	12.7	12.7	12.8	10.1	4.0	-52.6	-111.5	58.2
4344	ok	0.0	0.6	2.03e-03	12.7	12.7	12.7	12.7	12.0	10.6	3.9	-48.0	-111.0	54.2
4345	ok	0.0	0.5	2.10e-03	12.7	12.7	12.7	12.7	10.8	11.0	4.2	-44.5	-109.0	39.4
4346	ok	0.0	0.6	1.96e-03	12.7	12.7	12.7	12.7	14.9	9.4	4.9	-73.0	-107.4	41.6
4347	ok	0.0	0.5	1.90e-03	12.7	12.7	12.7	12.7	15.4	9.9	5.4	-82.7	-98.6	30.0
4348	ok	0.0	0.5	1.93e-03	12.7	12.7	12.7	12.7	15.1	9.6	5.2	-77.9	-103.7	35.5
4349	ok	0.0	0.4	1.81e-03	12.7	12.7	12.7	12.7	16.3	11.5	6.5	-86.3	-54.3	19.8
4350	ok	0.0	0.4	1.82e-03	12.7	12.7	12.7	12.7	16.0	11.1	6.3	-89.9	-69.0	20.3
4351	ok	0.0	0.5	1.85e-03	12.7	12.7	12.7	12.7	15.8	10.7	6.0	-89.9	-81.1	22.0
4352	ok	0.0	0.5	1.87e-03	12.7	12.7	12.7	12.7	15.6	10.3	5.7	-87.2	-90.9	25.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4353	ok	0.0	0.3	1.81e-03	12.7	12.7	12.7	12.7	16.9	12.2	7.0	-70.9	-23.8	20.2
4354	ok	0.0	0.4	1.80e-03	12.7	12.7	12.7	12.7	16.5	11.9	6.7	-80.3	-40.2	19.9
4355	ok	0.0	0.3	1.90e-03	12.7	12.7	12.7	12.7	18.1	12.6	7.4	-56.1	-6.0	9.1
4356	ok	0.0	0.3	1.82e-03	12.7	12.7	12.7	12.7	17.6	12.4	7.1	-57.7	-10.9	20.3
4357	ok	0.0	0.2	2.00e-03	12.7	12.7	12.7	12.7	-12.1	-4.7	-0.8	-9.9	54.0	7.1
4358	ok	0.0	0.2	1.90e-03	12.7	12.7	12.7	12.7	-11.6	-4.6	-0.4	-12.3	50.3	24.0
4359	ok	0.0	0.2	1.93e-03	12.7	12.7	12.7	12.7	-11.7	-5.1	-0.6	-38.4	22.9	9.5
4360	ok	0.0	0.2	1.84e-03	12.7	12.7	12.7	12.7	-11.2	-5.1	-0.4	-40.0	18.1	23.4
4361	ok	0.0	0.3	9.52e-04	12.7	12.7	12.7	12.7	-4.7	1.7	2.3	-24.8	31.1	-66.7
4362	ok	0.0	0.4	9.15e-04	12.7	12.7	12.7	12.7	-4.7	2.1	1.9	-57.6	13.0	-74.2
4363	ok	0.0	0.4	9.40e-04	12.7	12.7	12.7	12.7	-4.9	1.8	2.0	-51.5	19.9	-68.4
4364	ok	0.0	0.4	9.93e-04	12.7	12.7	12.7	12.7	-5.0	1.6	2.4	-14.7	38.6	-59.8
4365	ok	0.0	0.5	1.10e-03	12.7	12.7	12.7	12.7	12.6	14.7	4.2	113.0	116.7	-2.3
4366	ok	0.0	0.6	1.08e-03	12.7	12.7	12.7	12.7	11.3	15.0	3.7	93.1	118.4	-22.9
4367	ok	0.0	0.4	1.04e-03	12.7	12.7	12.7	12.7	12.4	15.6	3.1	51.1	72.9	-36.2
4368	ok	0.0	0.4	9.63e-04	12.7	12.7	12.7	12.7	11.9	16.0	3.3	33.9	67.7	-47.2
4369	ok	0.0	1.0	7.70e-03	12.7	25.7	12.7	23.8	3.6	-0.5	0.7	363.1	418.6	-13.8
4370	ok	0.0	1.0	4.62e-03	12.7	18.1	12.7	17.3	8.7	23.5	2.1	249.1	231.6	81.7
4371	ok	0.0	0.8	1.49e-03	12.7	12.7	12.7	12.7	11.7	15.3	4.8	166.5	165.5	27.4
4372	ok	0.0	0.6	2.58e-03	12.7	12.7	12.7	12.7	-14.1	-4.1	-2.7	101.4	151.9	-7.7
4373	ok	0.0	1.0	4.37e-03	12.7	15.2	12.7	15.3	-14.1	-7.9	-6.4	219.4	231.1	-42.2
4374	ok	0.0	0.4	2.16e-03	12.7	12.7	12.7	12.7	-6.6	-4.9	-9.1	52.2	84.3	5.4
4375	ok	0.0	0.7	2.30e-03	12.7	12.7	12.7	12.7	-14.0	-2.8	-1.5	96.4	160.7	23.5
4376	ok	0.0	0.4	2.02e-03	12.7	12.7	12.7	12.7	-12.3	-3.8	-0.7	31.4	96.3	24.0
4377	ok	0.0	1.0	6.31e-03	60.4	98.9	76.7	109.4	-7.1	0.9	-2.4	1160.3	1192.2	-560.6
4378	ok	0.0	1.0	5.25e-03	12.7	15.8	12.7	16.7	-14.8	1.5	-13.9	282.2	220.2	14.6
4379	ok	0.0	0.8	1.45e-03	12.7	12.7	12.7	12.7	9.5	14.8	2.9	150.1	181.9	-5.6
4380	ok	0.0	1.0	3.59e-03	12.7	17.0	12.7	17.5	-10.3	-1.2	-6.1	241.6	311.6	11.3
4381	ok	0.0	0.6	8.97e-04	12.7	12.7	12.7	12.7	9.5	24.9	-3.4	-125.2	-59.7	-43.2
4382	ok	0.0	0.5	1.07e-03	12.7	12.7	12.7	12.7	11.5	21.0	-5.8	-113.9	-45.6	-25.2
4383	ok	0.0	0.4	1.55e-03	12.7	12.7	12.7	12.7	2.81e-02	-3.9	5.4	-103.8	-22.6	4.0
4384	ok	0.0	0.9	7.48e-03	12.7	22.2	12.7	12.7	-9.6	-11.3	4.2	349.2	-60.2	44.4
4385	ok	0.0	0.9	1.38e-03	12.7	12.7	12.7	15.6	7.0	15.6	-10.6	111.3	144.1	-75.9
4386	ok	0.0	1.0	9.15e-03	12.7	18.6	12.7	23.6	62.5	49.2	-43.5	160.3	253.2	-154.0
4387	ok	0.0	0.9	7.52e-03	12.7	12.7	12.7	12.7	-35.7	-78.1	25.9	52.8	-114.0	-47.6
4388	ok	0.0	0.9	3.90e-03	12.7	13.8	12.7	12.7	-0.7	1.0	0.4	206.9	84.1	-43.7
4389	ok	0.0	0.2	1.78e-03	12.7	12.7	12.7	12.7	-4.8	2.2	-8.07e-02	33.1	1.9	6.5
4390	ok	0.0	0.5	3.04e-03	12.7	12.7	12.7	12.7	-35.0	-14.5	6.7	-6.1	49.2	35.6
4391	ok	0.0	0.9	6.42e-03	12.7	13.6	12.7	12.7	-13.4	-0.5	-1.2	221.8	-10.7	28.7
4392	ok	0.0	1.0	2.99e-03	29.1	18.8	38.5	37.5	-26.4	-14.0	17.2	-244.4	-387.9	284.6
4393	ok	0.0	0.8	3.19e-03	12.7	12.7	14.4	12.7	-28.8	-6.3	-1.8	-33.3	-153.4	71.8
4394	ok	0.0	0.4	2.94e-04	12.7	12.7	12.7	12.7	7.6	7.6	-3.1	-60.5	-36.1	28.7
4395	ok	0.0	0.2	3.91e-04	12.7	12.7	12.7	12.7	4.9	11.0	-8.2	-23.9	-34.2	25.9
4396	ok	0.0	0.1	4.46e-03	12.7	12.7	12.7	12.7	0.8	0.2	0.5	-20.9	-11.5	-17.3
4397	ok	0.0	0.3	4.65e-04	12.7	12.7	12.7	12.7	0.6	4.4	-4.6	13.5	55.7	-23.9
4398	ok	0.0	0.6	1.11e-03	12.7	12.7	12.7	12.7	6.7	9.7	5.3	-132.6	-93.0	-26.6
4399	ok	0.0	0.7	1.45e-04	12.7	12.7	12.7	12.7	10.5	30.9	-18.1	-30.9	-123.3	65.5
4400	ok	0.0	0.5	1.89e-03	12.7	12.7	12.7	12.7	1.8	-3.1	3.5	-100.7	-47.6	8.3
4401	ok	0.0	0.6	1.22e-03	12.7	12.7	12.7	12.7	12.8	20.6	-4.6	-119.8	-46.9	-31.1
4402	ok	0.0	0.5	1.42e-03	12.7	12.7	12.7	12.7	22.4	21.4	-5.8	-110.5	-33.5	-26.7
4403	ok	0.0	0.5	1.23e-03	12.7	12.7	12.7	12.7	19.8	21.5	-7.9	-107.0	-31.2	-18.2
4404	ok	0.0	0.7	9.95e-04	12.7	12.7	12.7	12.7	10.3	24.0	-2.9	-132.4	-60.3	-44.2
4405	ok	0.0	0.6	1.09e-03	12.7	12.7	12.7	12.7	11.3	22.5	-3.9	-126.8	-55.7	-37.2
4406	ok	0.0	0.6	9.68e-04	12.7	12.7	12.7	12.7	10.3	23.2	-4.7	-120.0	-54.9	-33.8
4407	ok	0.0	0.5	1.91e-03	12.7	12.7	12.7	12.7	2.1	21.4	8.0	-53.0	49.5	-65.4
4408	ok	0.0	0.5	2.30e-03	12.7	12.7	12.7	12.7	3.5	28.7	7.0	-90.0	56.1	-35.5
4409	ok	0.0	0.5	2.35e-03	12.7	12.7	12.7	12.7	3.2	-8.3	4.2	-114.9	-6.3	-6.0
4410	ok	0.0	0.7	1.04e-03	12.7	12.7	12.7	12.7	4.7	21.2	7.5	-112.6	-117.6	-40.4
4411	ok	0.0	1.0	9.76e-03	12.7	20.7	12.7	19.6	-61.5	-39.7	65.2	271.5	256.6	-111.9
4412	ok	0.0	1.0	3.80e-03	12.7	12.7	18.6	13.2	-6.6	-46.9	1.8	-24.5	-291.1	60.9
4413	ok	0.0	0.5	1.58e-03	12.7	12.7	12.7	12.7	3.0	24.2	0.2	56.2	81.7	-36.9
4414	ok	0.0	0.6	7.17e-04	12.7	12.7	12.7	12.7	8.0	26.7	-3.8	-110.0	-59.5	-41.4
4415	ok	0.0	0.5	5.44e-04	12.7	12.7	12.7	12.7	6.6	29.1	-3.7	-90.1	-59.2	-40.5
4416	ok	0.0	0.4	6.40e-04	12.7	12.7	12.7	12.7	7.9	39.8	-3.3	-66.4	-55.8	-40.8
4417	ok	0.0	0.4	8.03e-04	12.7	12.7	12.7	12.7	7.1	44.7	-1.2	-38.5	-47.0	-43.2
4418	ok	0.0	0.3	1.06e-03	12.7	12.7	12.7	12.7	-1.0	21.4	6.4	-12.3	-28.1	-54.4
4419	ok	0.0	0.6	1.70e-03	12.7	12.7	12.7	12.7	6.0	71.9	-15.2	73.2	68.2	-53.5
4420	ok	0.0	0.4	8.11e-04	12.7	12.7	12.7	12.7	13.4	27.0	-8.9	-99.9	-46.3	-16.1
4421	ok	0.0	0.4	5.61e-04	12.7	12.7	12.7	12.7	9.5	29.1	-9.6	-80.4	-50.1	-8.4
4422	ok	0.0	0.3	4.42e-04	12.7	12.7	12.7	12.7	6.5	31.2	-9.4	-56.8	-52.6	-4.0
4423	ok	0.0	0.2	4.18e-04	12.7	12.7	12.7	12.7	4.9	33.5	-9.2	-30.8	-48.5	-3.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4424	ok	0.0	0.7	2.59e-03	12.7	12.7	12.7	12.7	-7.8	-3.0	-4.7	-117.9	-42.7	-72.1
4425	ok	0.0	0.3	4.72e-04	12.7	12.7	12.7	12.7	2.6	-0.5	-0.3	37.5	25.5	29.5
4426	ok	0.0	0.5	7.56e-04	12.7	12.7	12.7	12.7	8.3	24.9	-5.6	-104.8	-55.1	-28.4
4427	ok	0.0	0.4	5.61e-04	12.7	12.7	12.7	12.7	6.4	27.0	-5.9	-84.5	-56.3	-24.3
4428	ok	0.0	0.4	5.38e-04	12.7	12.7	12.7	12.7	6.8	36.6	-6.8	-60.4	-54.9	-22.5
4429	ok	0.0	0.3	6.41e-04	12.7	12.7	12.7	12.7	5.5	40.8	-5.9	-32.4	-48.2	-22.6
4430	ok	0.0	0.2	8.25e-04	12.7	12.7	12.7	12.7	-2.2	9.1	4.0	17.7	-27.9	-35.9
4431	ok	0.0	0.4	1.58e-03	12.7	12.7	12.7	12.7	6.1	26.3	3.8	61.8	42.2	-31.7
4432	ok	0.0	0.4	8.79e-04	12.7	12.7	12.7	12.7	14.7	22.5	-10.4	-95.3	-33.1	-2.7
4433	ok	0.0	0.3	5.17e-04	12.7	12.7	12.7	12.7	9.3	24.0	-10.9	-75.9	-40.5	9.5
4434	ok	0.0	0.6	1.52e-03	12.7	12.7	12.7	12.7	4.4	16.5	8.2	-92.8	-67.7	-66.9
4435	ok	0.0	0.7	1.66e-03	12.7	12.7	12.7	12.7	-0.6	2.3	0.9	-122.6	-54.5	-72.2
4436	ok	0.0	0.6	3.08e-04	12.7	12.7	12.7	12.7	2.1	35.6	-3.3	-78.8	-143.4	5.4
4437	ok	0.0	0.7	2.04e-04	12.7	12.7	12.7	12.7	0.1	5.4	-0.2	-59.1	-125.2	36.1
4438	ok	0.0	0.7	1.18e-03	12.7	12.7	12.7	12.7	4.5	21.0	8.5	-105.8	-105.4	-50.8
4439	ok	0.0	0.3	2.04e-03	12.7	12.7	12.7	12.7	4.6	2.0	3.8	-65.7	-11.7	-13.9
4440	ok	0.0	0.9	4.69e-03	14.5	12.7	12.7	13.5	-20.0	22.2	-2.3	36.2	160.5	-84.2
4441	ok	0.0	0.6	3.68e-04	12.7	12.7	12.7	12.7	0.3	6.0	0.3	-62.8	-127.2	24.8
4442	ok	0.0	0.6	4.57e-04	12.7	12.7	12.7	12.7	-0.2	6.6	0.5	-49.3	-133.3	24.6
4443	ok	0.0	0.4	6.18e-04	12.7	12.7	12.7	12.7	-1.7	0.3	0.9	-50.7	-61.5	24.0
4444	ok	0.0	1.0	6.49e-03	17.0	29.1	12.7	20.4	-2.0	-9.1	-27.9	310.3	154.3	-192.7
4445	ok	0.0	0.6	7.03e-04	12.7	12.7	12.7	12.7	1.0	32.9	2.9	-78.6	-136.1	-20.1
4446	ok	0.0	0.6	8.59e-04	12.7	12.7	12.7	12.7	0.2	36.6	4.2	-60.1	-126.2	-28.5
4447	ok	0.0	0.7	1.40e-04	12.7	12.7	12.7	12.7	3.1	32.0	-9.2	-66.0	-137.3	37.0
4448	ok	0.0	0.7	1.63e-04	12.7	12.7	12.7	12.7	2.9	34.4	-10.6	-48.5	-145.0	37.7
4449	ok	0.0	0.7	1.65e-03	12.7	12.7	12.7	12.7	1.6	7.0	3.8	-107.4	-51.8	-69.4
4450	ok	0.0	1.0	8.48e-03	38.7	38.3	42.5	89.0	-22.3	13.9	-31.8	183.4	1346.2	-178.1
4451	ok	0.0	0.7	1.47e-03	12.7	12.7	12.7	12.7	3.4	9.9	5.8	-112.5	-66.9	-67.9
4452	ok	0.0	0.6	1.57e-03	12.7	12.7	12.7	12.7	6.9	37.3	16.3	-57.5	-70.9	-63.4
4453	ok	0.0	0.6	5.93e-04	12.7	12.7	12.7	12.7	-0.6	7.3	1.3	-33.5	-137.8	24.0
4454	ok	0.0	0.5	2.11e-03	12.7	12.7	12.7	12.7	2.7	5.1	-1.1	-68.2	66.0	-26.7
4455	ok	0.0	0.7	9.21e-04	12.7	12.7	12.7	12.7	5.4	20.8	6.5	-117.7	-126.0	-30.7
4456	ok	0.0	0.6	1.08e-03	12.7	12.7	12.7	12.7	0.3	51.0	9.3	-40.0	-107.6	-39.2
4457	ok	0.0	0.6	1.42e-03	12.7	12.7	12.7	12.7	-0.2	8.1	4.0	-21.5	-133.7	-5.2
4458	ok	0.0	0.7	2.40e-03	12.7	12.7	12.7	12.7	-9.9	38.2	-2.2	44.0	109.5	-72.7
4459	ok	0.0	0.8	3.05e-03	12.7	12.7	12.7	12.7	-1.2	18.7	-9.4	25.0	129.7	-80.4
4460	ok	0.0	0.7	1.34e-03	12.7	12.7	12.7	12.7	4.1	18.4	8.6	-99.1	-88.5	-60.2
4461	ok	0.0	0.4	9.33e-04	12.7	12.7	12.7	12.7	0.9	-1.8	1.6	-73.0	-46.6	32.9
4462	ok	0.0	0.6	5.88e-04	12.7	12.7	12.7	12.7	2.7	31.9	2.1	-92.5	-141.0	-14.7
4463	ok	0.0	0.9	3.96e-03	12.7	12.7	12.7	13.4	15.1	59.3	-21.6	54.3	175.7	-60.0
4464	ok	0.0	0.6	2.22e-03	12.7	12.7	12.7	12.7	-4.0	-0.6	9.7	-128.8	43.5	-16.4
4465	ok	0.0	0.5	1.28e-04	12.7	12.7	12.7	12.7	7.9	24.0	-11.9	-64.1	-71.9	51.7
4466	ok	0.0	1.0	3.58e-03	18.4	27.5	12.7	16.8	10.7	-14.0	-13.8	-71.6	32.1	-133.6
4467	ok	0.0	0.5	2.72e-03	12.7	12.7	12.7	12.7	3.7	1.3	2.2	-71.7	-32.0	-49.7
4468	ok	0.0	0.6	8.70e-04	12.7	12.7	12.7	12.7	0.4	11.1	-2.3	-4.9	-145.3	26.7
4469	ok	0.0	0.7	7.75e-04	12.7	12.7	12.7	12.7	4.1	26.7	5.2	-105.1	-135.2	-25.6
4470	ok	0.0	0.7	9.02e-04	12.7	12.7	12.7	12.7	3.2	28.5	6.5	-94.8	-128.3	-33.7
4471	ok	0.0	0.6	1.38e-04	12.7	12.7	12.7	12.7	5.2	24.6	-10.8	-66.7	-104.2	57.9
4472	ok	0.0	0.7	1.62e-04	12.7	12.7	12.7	12.7	5.0	28.7	-11.9	-57.9	-131.3	57.2
4473	ok	0.0	0.7	3.61e-03	12.7	12.7	12.7	12.7	19.1	6.4	10.5	123.4	36.8	69.8
4474	ok	0.0	0.2	9.87e-04	12.7	12.7	12.7	12.7	1.3	-2.6	3.4	-7.2	-10.3	10.4
4475	ok	0.0	0.9	3.62e-03	12.7	15.0	12.7	13.4	35.6	19.5	-11.9	200.0	106.2	-51.6
4476	ok	0.0	0.6	1.06e-03	12.7	12.7	12.7	12.7	2.2	28.3	7.6	-83.0	-115.9	-43.0
4477	ok	0.0	1.0	3.27e-03	17.7	18.4	13.9	25.1	13.9	0.2	-16.9	139.5	258.8	196.5
4478	ok	0.0	0.2	4.51e-03	12.7	12.7	12.7	12.7	0.8	0.2	0.5	-38.6	-16.2	-26.3
4479	ok	0.0	0.4	2.83e-03	12.7	12.7	12.7	12.7	8.1	3.2	4.7	73.3	23.2	44.4
4480	ok	0.0	0.1	8.99e-04	12.7	12.7	12.7	12.7	0.6	-2.1	2.9	-8.6	-10.6	3.7
4481	ok	0.0	0.6	2.50e-03	12.7	12.7	12.7	12.7	-9.9	6.2	-10.9	-26.4	-90.9	-49.5
4482	ok	0.0	0.6	1.28e-03	12.7	12.7	12.7	12.7	3.0	29.1	9.3	-69.7	-97.0	-53.9
4483	ok	0.0	0.3	2.18e-03	12.7	12.7	12.7	12.7	-2.0	-0.7	-1.2	-49.4	-12.6	-26.2
4484	ok	0.0	0.3	3.65e-03	12.7	12.7	12.7	12.7	-16.6	-4.0	-7.9	62.2	10.2	9.9
4485	ok	0.0	1.0	4.13e-03	12.7	15.9	37.3	20.0	23.7	-15.4	3.8	-12.6	-577.6	87.1
4486	ok	0.0	0.8	1.61e-04	12.7	12.7	12.7	12.7	9.0	26.5	-15.5	-37.9	-130.1	73.5
4487	ok	0.0	0.2	6.80e-04	12.7	12.7	12.7	12.7	-6.3	-3.4	1.3	28.0	-10.6	-9.9
4488	ok	0.0	0.4	1.82e-03	12.7	12.7	12.7	12.7	0.3	16.4	3.1	21.1	96.8	6.0
4489	ok	0.0	0.4	2.98e-03	12.7	12.7	12.7	12.7	1.8	0.8	1.0	-55.1	-39.0	-42.8
4490	ok	0.0	0.2	4.23e-03	12.7	12.7	12.7	12.7	12.2	4.1	7.1	-13.9	-3.6	-7.2
4491	ok	0.0	0.4	8.76e-03	12.7	12.7	12.7	12.7	22.1	0.9	-0.3	-78.8	-2.8	25.2
4492	ok	0.0	0.7	1.07e-04	12.7	12.7	12.7	12.7	2.0	3.5	-3.2	-38.4	-128.9	61.5
4493	ok	0.0	0.1	1.34e-03	12.7	12.7	12.7	12.7	-12.3	1.32e-04	-1.42e-03	-23.4	-0.7	-1.0
4494	ok	0.0	0.2	2.83e-03	12.7	12.7	12.7	12.7	5.2	1.8	3.1	-27.8	-19.9	-25.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4495	ok	0.0	0.3	2.03e-03	12.7	12.7	12.7	12.7	1.5	7.00e-02	9.51e-02	-59.6	-7.5	-21.1
4496	ok	0.0	0.6	4.20e-04	12.7	12.7	12.7	12.7	2.2	34.6	-1.0	-84.0	-143.1	-3.3
4497	ok	0.0	0.3	2.91e-03	12.7	12.7	12.7	12.7	1.9	1.7	1.8	-31.3	-36.2	-38.8
4498	ok	0.0	0.8	1.79e-03	12.7	12.7	12.7	12.7	9.4	23.9	-11.8	44.2	129.4	-58.3
4499	ok	0.0	0.4	1.04e-04	12.7	12.7	12.7	12.7	3.1	10.6	-6.3	-29.5	-67.1	38.7
4500	ok	0.0	0.7	1.90e-04	12.7	12.7	12.7	12.7	-0.4	6.4	0.2	-47.2	-132.6	38.4
4501	ok	0.0	0.7	2.47e-03	12.7	12.7	12.7	12.7	-10.6	-3.8	-6.3	-131.1	-45.6	-79.1
4502	ok	0.0	0.6	5.06e-04	12.7	12.7	12.7	12.7	0.4	36.1	-0.6	-67.7	-140.7	-6.8
4503	ok	0.0	0.4	2.43e-03	12.7	12.7	12.7	12.7	-4.2	-1.7	-2.4	-74.8	-27.1	-45.0
4504	ok	0.0	0.8	2.81e-03	12.7	12.7	12.7	12.7	-1.4	6.8	24.7	-0.1	130.3	73.1
4505	ok	0.0	0.8	2.44e-03	12.7	12.7	12.7	13.0	73.3	191.9	33.2	-34.1	147.2	-50.4
4506	ok	0.0	0.7	1.57e-04	12.7	12.7	12.7	12.7	1.3	5.2	-1.6	-35.4	-141.4	46.2
4507	ok	0.0	0.4	1.63e-03	12.7	12.7	12.7	12.7	-8.0	-2.8	-4.7	-67.3	-15.9	-33.9
4508	ok	0.0	0.2	2.85e-03	12.7	12.7	12.7	12.7	-16.4	1.8	0.5	-17.4	-21.2	-24.6
4509	ok	0.0	0.7	8.16e-04	12.7	12.7	12.7	12.7	15.2	19.9	3.1	-106.3	-76.0	-71.1
4510	ok	0.0	0.7	8.42e-04	12.7	12.7	12.7	12.7	14.8	19.9	3.7	-98.0	-65.0	-81.9
4511	ok	0.0	0.7	8.51e-04	12.7	12.7	12.7	12.7	14.1	20.1	4.1	-89.4	-51.8	-89.2
4512	ok	0.0	0.7	8.52e-04	12.7	12.7	12.7	12.7	13.3	20.3	4.1	-81.1	-36.1	-92.0
4513	ok	0.0	0.6	8.58e-04	12.7	12.7	12.7	12.7	-3.3	4.2	2.6	-74.4	-21.0	-89.1
4514	ok	0.0	0.5	8.78e-04	12.7	12.7	12.7	12.7	-3.7	3.7	2.6	-66.4	-5.2	-83.6
4515	ok	0.0	0.7	8.34e-04	12.7	12.7	12.7	12.7	14.5	18.7	3.3	-93.2	-86.7	-65.7
4516	ok	0.0	0.4	9.02e-04	12.7	12.7	12.7	12.7	-4.3	2.1	2.3	-38.7	13.7	-77.6
4517	ok	0.0	0.5	8.86e-04	12.7	12.7	12.7	12.7	-3.3	3.7	3.1	-50.1	-12.0	-85.0
4518	ok	0.0	0.6	8.85e-04	12.7	12.7	12.7	12.7	-3.0	4.3	3.1	-60.7	-34.3	-86.1
4519	ok	0.0	0.6	8.82e-04	12.7	12.7	12.7	12.7	14.0	18.6	3.9	-69.9	-53.9	-84.2
4520	ok	0.0	0.7	8.68e-04	12.7	12.7	12.7	12.7	14.4	18.5	3.7	-81.7	-72.2	-76.4
4521	ok	0.0	0.6	9.32e-04	12.7	12.7	12.7	12.7	-3.5	3.9	2.2	-50.6	-107.9	-37.5
4522	ok	0.0	0.6	9.47e-04	12.7	12.7	12.7	12.7	10.9	14.6	2.7	70.3	88.3	-54.4
4523	ok	0.0	0.5	1.02e-03	12.7	12.7	12.7	12.7	11.8	13.7	2.2	52.2	34.8	-69.7
4524	ok	0.0	0.3	1.04e-03	12.7	12.7	12.7	12.7	13.7	14.4	3.5	28.4	-22.3	-67.1
4525	ok	0.0	0.4	1.03e-03	12.7	12.7	12.7	12.7	-4.0	4.1	3.6	-3.1	-64.0	-58.3
4526	ok	0.0	0.5	9.88e-04	12.7	12.7	12.7	12.7	-3.9	4.0	2.9	-27.8	-90.0	-47.9
4527	ok	0.0	0.6	8.77e-04	12.7	12.7	12.7	12.7	14.1	16.9	3.6	-71.6	-98.7	-55.1
4528	ok	0.0	0.4	9.15e-04	12.7	12.7	12.7	12.7	11.6	16.1	3.1	12.7	45.7	-65.9
4529	ok	0.0	0.4	9.30e-04	12.7	12.7	12.7	12.7	11.8	16.0	3.0	-4.3	13.7	-77.4
4530	ok	0.0	0.4	9.45e-04	12.7	12.7	12.7	12.7	-3.3	3.8	3.8	-24.4	-30.1	-78.6
4531	ok	0.0	0.5	9.42e-04	12.7	12.7	12.7	12.7	-3.3	4.3	3.4	-40.5	-58.5	-72.9
4532	ok	0.0	0.6	9.20e-04	12.7	12.7	12.7	12.7	-3.1	4.6	2.8	-57.1	-80.7	-63.7
4533	ok	0.0	0.5	1.07e-03	12.7	12.7	12.7	12.7	13.8	11.9	5.3	-12.1	-122.0	18.5
4534	ok	0.0	1.0	2.08e-03	12.7	19.1	12.7	14.3	5.3	-11.3	-4.0	326.5	173.7	22.8
4535	ok	0.0	0.9	1.62e-03	12.7	12.7	12.7	12.7	16.1	5.0	4.9	198.6	43.4	15.3
4536	ok	0.0	0.5	1.34e-03	12.7	12.7	12.7	12.7	15.6	8.9	5.5	120.0	-30.7	14.6
4537	ok	0.0	0.3	1.23e-03	12.7	12.7	12.7	12.7	14.8	10.3	5.5	64.6	-75.3	15.5
4538	ok	0.0	0.5	1.14e-03	12.7	12.7	12.7	12.7	14.2	11.0	5.4	22.5	-103.6	17.2
4539	ok	0.0	0.5	1.03e-03	12.7	12.7	12.7	12.7	-4.5	2.2	1.5	-22.4	-118.9	-3.5
4540	ok	0.0	0.5	9.78e-04	12.7	12.7	12.7	12.7	-4.0	3.1	2.0	-35.0	-114.3	-22.0
4541	ok	0.0	0.4	1.10e-03	12.7	12.7	12.7	12.7	14.5	12.2	5.0	14.0	-101.4	-8.1
4542	ok	0.0	0.3	1.17e-03	12.7	12.7	12.7	12.7	14.7	11.0	4.6	55.5	-72.0	-14.6
4543	ok	0.0	0.5	1.25e-03	12.7	12.7	12.7	12.7	15.0	9.9	4.0	106.2	-27.3	-23.5
4544	ok	0.0	0.8	1.34e-03	12.7	12.7	12.7	12.7	14.1	6.7	1.5	174.2	43.2	-36.6
4545	ok	0.0	1.0	2.52e-03	12.7	15.9	12.7	12.7	11.9	7.0	-1.1	233.9	175.9	-52.2
4546	ok	0.0	0.5	1.04e-03	12.7	12.7	12.7	12.7	-4.5	3.6	2.6	-7.2	-96.7	-30.6
4547	ok	0.0	0.4	1.10e-03	12.7	12.7	12.7	12.7	14.5	12.8	4.2	32.1	-67.1	-40.4
4548	ok	0.0	0.4	1.15e-03	12.7	12.7	12.7	12.7	14.3	12.4	3.5	69.6	-23.4	-51.0
4549	ok	0.0	0.6	1.15e-03	12.7	12.7	12.7	12.7	12.3	10.9	1.4	109.7	46.6	-61.5
4550	ok	0.0	0.8	1.10e-03	12.7	12.7	12.7	12.7	9.3	12.7	0.5	129.0	136.3	-52.3
4551	ok	0.0	0.6	1.16e-03	12.7	12.7	12.7	12.7	13.1	11.1	5.5	-15.9	-119.8	58.0
4552	ok	0.0	0.7	1.77e-03	12.7	12.7	12.7	12.7	-10.8	-2.3	-7.87e-02	90.3	113.7	65.7
4553	ok	0.0	0.6	1.49e-03	12.7	12.7	12.7	12.7	14.6	10.7	7.6	81.7	38.5	77.8
4554	ok	0.0	0.4	1.38e-03	12.7	12.7	12.7	12.7	-6.9	-1.2	-0.4	58.5	-35.8	69.9
4555	ok	0.0	0.5	1.30e-03	12.7	12.7	12.7	12.7	14.0	10.8	6.5	32.5	-73.6	66.8
4556	ok	0.0	0.6	1.22e-03	12.7	12.7	12.7	12.7	13.4	10.8	5.9	7.4	-102.3	61.9
4557	ok	0.0	0.6	1.12e-03	12.7	12.7	12.7	12.7	13.5	11.3	5.5	-11.1	-121.7	40.4
4558	ok	0.0	0.5	1.19e-03	12.7	12.7	12.7	12.7	13.9	10.7	5.8	19.7	-103.9	42.3
4559	ok	0.0	0.4	1.27e-03	12.7	12.7	12.7	12.7	14.6	10.3	6.2	55.9	-75.4	45.6
4560	ok	0.0	0.5	1.38e-03	12.7	12.7	12.7	12.7	14.8	8.6	6.7	102.3	-28.3	51.9
4561	ok	0.0	0.8	1.51e-03	12.7	12.7	12.7	12.7	15.8	7.4	7.6	159.7	41.2	63.4
4562	ok	0.0	1.0	4.49e-03	12.7	15.5	12.7	13.2	10.0	-11.8	2.8	202.5	169.8	76.0
4563	ok	0.0	0.7	1.27e-03	12.7	12.7	12.7	12.7	12.0	11.1	5.0	-31.5	-116.4	75.4
4564	ok	0.0	0.3	1.70e-03	12.7	12.7	12.7	12.7	15.9	11.9	6.8	-17.3	29.3	46.7
4565	ok	0.0	0.3	1.52e-03	12.7	12.7	12.7	12.7	15.8	12.4	6.5	-17.8	-12.8	63.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4566	ok	0.0	0.5	1.42e-03	12.7	12.7	12.7	12.7	14.2	12.0	6.4	-18.1	-46.5	75.1
4567	ok	0.0	0.6	1.36e-03	12.7	12.7	12.7	12.7	13.4	11.7	6.1	-21.2	-78.5	77.6
4568	ok	0.0	0.6	1.31e-03	12.7	12.7	12.7	12.7	12.6	11.4	5.6	-26.1	-102.0	77.1
4569	ok	0.0	0.7	1.21e-03	12.7	12.7	12.7	12.7	12.5	11.1	5.3	-23.4	-117.7	69.8
4570	ok	0.0	0.5	1.72e-03	12.7	12.7	12.7	12.7	-10.5	-3.7	3.00e-02	29.6	64.9	56.1
4571	ok	0.0	0.4	1.50e-03	12.7	12.7	12.7	12.7	-8.6	-3.8	-8.08e-02	27.8	13.6	73.8
4572	ok	0.0	0.4	1.39e-03	12.7	12.7	12.7	12.7	-7.0	-3.1	-0.4	19.1	-39.7	76.6
4573	ok	0.0	0.5	1.32e-03	12.7	12.7	12.7	12.7	-6.4	-3.2	-0.5	6.8	-76.7	74.6
4574	ok	0.0	0.6	1.26e-03	12.7	12.7	12.7	12.7	13.1	11.3	5.8	-9.9	-101.6	72.9
4575	ok	0.0	0.7	1.35e-03	12.7	12.7	12.7	12.7	11.4	11.2	4.8	-38.4	-116.3	75.4
4576	ok	0.0	0.3	1.69e-03	12.7	12.7	12.7	12.7	16.8	12.4	6.7	-44.2	-7.9	41.1
4577	ok	0.0	0.4	1.55e-03	12.7	12.7	12.7	12.7	15.1	12.1	6.4	-43.8	-30.0	59.6
4578	ok	0.0	0.5	1.46e-03	12.7	12.7	12.7	12.7	14.0	11.9	6.2	-41.5	-58.3	70.1
4579	ok	0.0	0.6	1.40e-03	12.7	12.7	12.7	12.7	13.0	11.6	5.8	-39.9	-84.2	74.9
4580	ok	0.0	0.7	1.37e-03	12.7	12.7	12.7	12.7	12.2	11.4	5.4	-39.2	-104.0	76.0
4581	ok	0.0	0.7	1.41e-03	12.7	12.7	12.7	12.7	10.9	11.3	4.7	-42.8	-116.4	72.8
4582	ok	0.0	0.4	1.69e-03	12.7	12.7	12.7	12.7	16.0	12.1	6.7	-60.4	-22.1	39.7
4583	ok	0.0	0.5	1.57e-03	12.7	12.7	12.7	12.7	14.9	11.9	6.3	-58.2	-43.5	55.3
4584	ok	0.0	0.5	1.49e-03	12.7	12.7	12.7	12.7	13.8	11.7	6.0	-54.8	-67.1	65.7
4585	ok	0.0	0.6	1.44e-03	12.7	12.7	12.7	12.7	12.8	11.5	5.7	-51.1	-88.9	71.2
4586	ok	0.0	0.7	1.42e-03	12.7	12.7	12.7	12.7	11.8	11.4	5.3	-47.3	-105.9	73.0
4587	ok	0.0	0.7	1.47e-03	12.7	12.7	12.7	12.7	10.6	11.3	4.7	-46.7	-116.6	68.6
4588	ok	0.0	0.4	1.69e-03	12.7	12.7	12.7	12.7	15.8	11.9	6.5	-71.3	-36.9	37.3
4589	ok	0.0	0.5	1.59e-03	12.7	12.7	12.7	12.7	14.7	11.7	6.2	-69.1	-55.1	51.4
4590	ok	0.0	0.6	1.52e-03	12.7	12.7	12.7	12.7	13.6	11.5	5.9	-65.1	-74.9	61.3
4591	ok	0.0	0.6	1.49e-03	12.7	12.7	12.7	12.7	12.5	11.4	5.6	-60.1	-93.3	66.8
4592	ok	0.0	0.7	1.47e-03	12.7	12.7	12.7	12.7	11.5	11.3	5.2	-54.1	-107.7	68.9
4593	ok	0.0	0.6	1.63e-03	12.7	12.7	12.7	12.7	9.8	10.9	4.8	-56.6	-115.6	54.3
4594	ok	0.0	0.5	1.73e-03	12.7	12.7	12.7	12.7	15.3	11.3	6.2	-87.4	-65.1	32.9
4595	ok	0.0	0.5	1.66e-03	12.7	12.7	12.7	12.7	14.3	11.1	6.0	-86.0	-77.7	43.7
4596	ok	0.0	0.6	1.61e-03	12.7	12.7	12.7	12.7	13.2	10.9	5.7	-82.2	-90.5	51.3
4597	ok	0.0	0.6	1.59e-03	12.7	12.7	12.7	12.7	12.1	10.8	5.5	-76.1	-102.0	55.3
4598	ok	0.0	0.6	1.60e-03	12.7	12.7	12.7	12.7	11.0	10.8	5.2	-67.7	-110.8	56.1
4599	ok	0.0	0.7	1.55e-03	12.7	12.7	12.7	12.7	10.1	11.2	4.7	-51.4	-116.5	62.1
4600	ok	0.0	0.6	1.54e-03	12.7	12.7	12.7	12.7	11.2	11.1	5.2	-61.2	-109.6	62.8
4601	ok	0.0	0.6	1.54e-03	12.7	12.7	12.7	12.7	12.3	11.2	5.5	-68.9	-98.1	61.2
4602	ok	0.0	0.6	1.57e-03	12.7	12.7	12.7	12.7	13.4	11.3	5.8	-74.8	-83.3	56.2
4603	ok	0.0	0.5	1.62e-03	12.7	12.7	12.7	12.7	14.5	11.4	6.1	-78.9	-67.3	47.3
4604	ok	0.0	0.4	1.71e-03	12.7	12.7	12.7	12.7	15.5	11.6	6.4	-80.8	-52.2	34.8
4605	ok	0.0	0.5	1.86e-03	12.7	12.7	12.7	12.7	9.4	7.7	4.8	-87.3	-92.0	21.9
4606	ok	0.0	0.6	1.86e-03	12.7	12.7	12.7	12.7	14.5	9.5	5.2	-89.9	-102.6	36.1
4607	ok	0.0	0.6	1.83e-03	12.7	12.7	12.7	12.7	13.6	9.2	5.0	-94.3	-104.2	39.6
4608	ok	0.0	0.6	1.81e-03	12.7	12.7	12.7	12.7	12.7	8.8	4.9	-96.3	-103.6	40.0
4609	ok	0.0	0.6	1.81e-03	12.7	12.7	12.7	12.7	11.6	8.4	4.8	-95.8	-101.3	37.1
4610	ok	0.0	0.5	1.82e-03	12.7	12.7	12.7	12.7	10.5	8.0	4.8	-92.8	-97.4	30.9
4611	ok	0.0	0.5	1.83e-03	12.7	12.7	12.7	12.7	9.4	8.7	5.1	-80.2	-101.0	27.2
4612	ok	0.0	0.5	1.78e-03	12.7	12.7	12.7	12.7	9.4	9.6	5.1	-72.1	-108.0	34.8
4613	ok	0.0	0.6	1.71e-03	12.7	12.7	12.7	12.7	9.5	10.4	5.0	-63.8	-112.8	44.2
4614	ok	0.0	0.6	1.78e-03	12.7	12.7	12.7	12.7	10.6	8.9	5.1	-88.1	-104.1	34.5
4615	ok	0.0	0.6	1.77e-03	12.7	12.7	12.7	12.7	11.7	9.1	5.1	-93.3	-105.0	39.0
4616	ok	0.0	0.6	1.77e-03	12.7	12.7	12.7	12.7	12.7	9.4	5.2	-95.7	-104.0	40.1
4617	ok	0.0	0.6	1.79e-03	12.7	12.7	12.7	12.7	13.7	9.7	5.3	-95.5	-101.3	38.0
4618	ok	0.0	0.5	1.83e-03	12.7	12.7	12.7	12.7	14.7	10.0	5.5	-92.7	-96.9	32.9
4619	ok	0.0	0.6	1.74e-03	12.7	12.7	12.7	12.7	10.6	9.6	5.2	-82.0	-108.6	40.3
4620	ok	0.0	0.6	1.72e-03	12.7	12.7	12.7	12.7	11.8	9.8	5.3	-89.0	-106.3	42.9
4621	ok	0.0	0.6	1.72e-03	12.7	12.7	12.7	12.7	12.8	9.9	5.4	-93.3	-101.9	42.2
4622	ok	0.0	0.6	1.74e-03	12.7	12.7	12.7	12.7	13.9	10.2	5.6	-94.8	-96.0	38.3
4623	ok	0.0	0.5	1.79e-03	12.7	12.7	12.7	12.7	14.9	10.4	5.8	-93.6	-88.9	31.4
4624	ok	0.0	0.6	1.67e-03	12.7	12.7	12.7	12.7	10.7	10.3	5.2	-75.0	-110.7	47.8
4625	ok	0.0	0.6	1.66e-03	12.7	12.7	12.7	12.7	11.9	10.4	5.4	-83.3	-105.3	48.5
4626	ok	0.0	0.6	1.67e-03	12.7	12.7	12.7	12.7	13.0	10.5	5.6	-88.8	-97.4	46.1
4627	ok	0.0	0.6	1.70e-03	12.7	12.7	12.7	12.7	14.1	10.6	5.8	-91.7	-88.2	40.3
4628	ok	0.0	0.5	1.76e-03	12.7	12.7	12.7	12.7	15.1	10.9	6.0	-92.1	-78.4	31.4
4629	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	9.4	6.1	4.0	-93.0	-70.9	17.8
4630	ok	0.0	0.4	1.87e-03	12.7	12.7	12.7	12.7	9.4	6.8	4.5	-91.4	-82.4	19.1
4631	ok	0.0	0.5	1.86e-03	12.7	12.7	12.7	12.7	10.6	6.7	4.0	-94.6	-79.9	29.6
4632	ok	0.0	0.6	1.85e-03	12.7	12.7	12.7	12.7	11.6	7.4	4.0	-94.1	-89.2	38.6
4633	ok	0.0	0.6	1.86e-03	12.7	12.7	12.7	12.7	12.5	8.0	4.1	-91.7	-97.7	44.2
4634	ok	0.0	0.6	1.88e-03	12.7	12.7	12.7	12.7	13.3	8.6	4.3	-87.6	-104.2	46.1
4635	ok	0.0	0.6	1.91e-03	12.7	12.7	12.7	12.7	14.1	9.0	4.6	-81.5	-107.7	45.1
4636	ok	0.0	0.5	1.85e-03	12.7	12.7	12.7	12.7	10.6	7.4	4.5	-94.8	-89.6	29.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4637	ok	0.0	0.6	1.83e-03	12.7	12.7	12.7	12.7	11.6	7.9	4.5	-96.0	-96.1	37.1
4638	ok	0.0	0.6	1.84e-03	12.7	12.7	12.7	12.7	12.6	8.4	4.5	-95.0	-101.5	41.4
4639	ok	0.0	0.6	1.86e-03	12.7	12.7	12.7	12.7	13.5	8.8	4.7	-91.7	-105.0	42.3
4640	ok	0.0	0.6	1.89e-03	12.7	12.7	12.7	12.7	14.3	9.2	4.9	-86.1	-105.9	40.2
4641	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	9.4	5.5	3.5	-91.8	-60.4	17.7
4642	ok	0.0	0.6	1.93e-03	12.7	12.7	12.7	12.7	13.9	9.0	4.3	-77.1	-108.4	49.1
4643	ok	0.0	0.6	1.90e-03	12.7	12.7	12.7	12.7	13.1	8.5	3.9	-83.0	-102.9	49.5
4644	ok	0.0	0.6	1.87e-03	12.7	12.7	12.7	12.7	12.4	7.8	3.7	-87.4	-93.8	47.1
4645	ok	0.0	0.5	1.87e-03	12.7	12.7	12.7	12.7	11.5	7.1	3.6	-90.5	-82.4	40.9
4646	ok	0.0	0.5	1.87e-03	12.7	12.7	12.7	12.7	10.6	6.3	3.5	-92.1	-70.7	30.8
4647	ok	0.0	1.0	3.92e-03	12.7	45.5	18.9	53.4	-25.5	-36.4	16.5	546.5	678.4	-256.2
4648	ok	0.0	0.5	2.11e-03	12.7	12.7	12.7	12.7	9.2	11.4	3.9	-26.1	-102.7	27.5
4649	ok	0.0	0.4	2.09e-03	12.7	12.7	12.7	12.7	14.7	19.5	6.1	-3.8	-89.6	24.4
4650	ok	0.0	0.3	2.15e-03	12.7	12.7	12.7	12.7	6.9	13.9	2.2	31.6	-68.2	22.0
4651	ok	0.0	0.4	2.45e-03	12.7	12.7	12.7	12.7	9.2	17.4	-0.6	79.5	-32.5	20.1
4652	ok	0.0	0.9	3.53e-03	12.7	12.7	12.7	13.4	-22.6	-25.6	-8.6	157.3	138.4	60.8
4653	ok	0.0	0.9	3.48e-03	12.7	19.5	12.7	17.7	-18.3	-10.3	-0.5	239.5	201.7	93.8
4654	ok	0.0	0.3	2.24e-03	12.7	12.7	12.7	12.7	12.0	17.1	0.1	-18.6	44.1	26.5
4655	ok	0.0	0.2	1.86e-03	12.7	12.7	12.7	12.7	9.5	4.9	4.40e-02	-45.1	11.8	24.4
4656	ok	0.0	0.3	1.85e-03	12.7	12.7	12.7	12.7	9.4	4.3	1.6	-70.8	-18.4	21.4
4657	ok	0.0	0.4	1.87e-03	12.7	12.7	12.7	12.7	9.4	4.9	2.7	-85.1	-41.6	18.9
4658	ok	0.0	0.8	3.05e-03	12.7	12.7	12.7	12.7	-23.4	-26.7	8.7	197.3	187.6	-11.9
4659	ok	0.0	0.4	2.63e-03	12.7	12.7	12.7	12.7	8.5	14.0	-1.1	65.0	-27.9	48.4
4660	ok	0.0	0.4	1.97e-03	12.7	12.7	12.7	12.7	7.5	13.3	1.1	26.1	-68.2	40.7
4661	ok	0.0	0.5	2.00e-03	12.7	12.7	12.7	12.7	8.5	12.2	2.5	-5.1	-92.1	37.2
4662	ok	0.0	0.5	2.05e-03	12.7	12.7	12.7	12.7	9.6	11.5	3.5	-27.4	-104.7	37.7
4663	ok	0.0	0.3	2.27e-03	12.7	12.7	12.7	12.7	-12.3	4.1	8.5	15.7	38.3	37.8
4664	ok	0.0	0.4	1.77e-03	12.7	12.7	12.7	12.7	17.3	15.5	7.25e-02	-5.6	-32.3	60.9
4665	ok	0.0	0.5	1.83e-03	12.7	12.7	12.7	12.7	9.9	10.4	0.5	-14.4	-68.0	60.3
4666	ok	0.0	0.5	1.89e-03	12.7	12.7	12.7	12.7	10.3	10.7	1.9	-27.0	-92.6	57.0
4667	ok	0.0	0.6	1.96e-03	12.7	12.7	12.7	12.7	11.1	10.7	3.0	-38.6	-106.3	54.9
4668	ok	0.0	0.3	1.83e-03	12.7	12.7	12.7	12.7	10.2	5.8	0.4	-43.1	-10.3	45.7
4669	ok	0.0	0.4	1.84e-03	12.7	12.7	12.7	12.7	10.8	7.8	0.5	-40.6	-42.0	57.8
4670	ok	0.0	0.5	1.85e-03	12.7	12.7	12.7	12.7	11.1	8.9	1.2	-41.6	-72.0	61.0
4671	ok	0.0	0.6	1.89e-03	12.7	12.7	12.7	12.7	11.4	9.6	2.2	-45.3	-93.7	60.5
4672	ok	0.0	0.6	1.95e-03	12.7	12.7	12.7	12.7	12.0	10.0	3.1	-49.4	-106.7	59.2
4673	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	10.5	5.7	1.6	-68.4	-34.3	39.0
4674	ok	0.0	0.5	1.87e-03	12.7	12.7	12.7	12.7	11.2	7.0	1.7	-65.1	-56.6	51.4
4675	ok	0.0	0.5	1.88e-03	12.7	12.7	12.7	12.7	11.7	8.1	2.1	-62.6	-78.8	57.5
4676	ok	0.0	0.6	1.90e-03	12.7	12.7	12.7	12.7	12.2	8.9	2.7	-61.1	-96.4	59.2
4677	ok	0.0	0.6	1.95e-03	12.7	12.7	12.7	12.7	12.8	9.4	3.4	-59.9	-107.4	58.8
4678	ok	0.0	0.5	1.87e-03	12.7	12.7	12.7	12.7	10.6	5.9	2.7	-83.8	-54.3	34.0
4679	ok	0.0	0.5	1.88e-03	12.7	12.7	12.7	12.7	11.4	6.9	2.7	-81.0	-70.4	45.5
4680	ok	0.0	0.6	1.88e-03	12.7	12.7	12.7	12.7	12.1	7.8	3.0	-77.5	-86.6	52.2
4681	ok	0.0	0.6	1.90e-03	12.7	12.7	12.7	12.7	12.8	8.5	3.4	-73.6	-99.8	54.9
4682	ok	0.0	0.6	1.94e-03	12.7	12.7	12.7	12.7	13.4	9.0	3.9	-69.1	-108.2	54.9
4683	ok	0.0	0.2	2.79e-03	12.7	12.7	12.7	12.7	-0.5	-6.5	-5.6	27.6	20.9	12.5
4684	ok	0.0	0.4	2.32e-03	12.7	12.7	12.7	12.7	8.5	8.0	4.8	-45.5	-82.8	-13.1
4685	ok	0.0	0.4	2.31e-03	12.7	12.7	12.7	12.7	7.2	7.8	4.9	-32.6	-71.9	-21.6
4686	ok	0.0	0.3	2.32e-03	12.7	12.7	12.7	12.7	5.9	7.4	4.8	-19.4	-54.3	-28.5
4687	ok	0.0	0.2	2.37e-03	12.7	12.7	12.7	12.7	-13.4	7.0	12.2	-19.0	-32.5	-25.5
4688	ok	0.0	0.2	2.70e-03	12.7	12.7	12.7	12.7	-4.6	5.0	10.1	-11.2	-13.9	-20.9
4689	ok	0.0	0.3	2.91e-03	12.7	12.7	12.7	12.7	-18.4	-4.0	-10.3	53.5	53.6	15.5
4690	ok	0.0	0.9	5.28e-03	12.7	12.7	12.7	16.2	-22.4	4.9	-1.2	205.8	172.8	27.9
4691	ok	0.0	0.2	3.31e-03	12.7	12.7	12.7	12.7	-0.2	-5.3	-16.9	53.5	44.6	8.42e-02
4692	ok	0.0	0.2	2.51e-03	12.7	12.7	12.7	12.7	11.6	17.9	10.1	21.0	-26.9	-24.4
4693	ok	0.0	0.3	2.36e-03	12.7	12.7	12.7	12.7	6.2	10.3	5.1	3.1	-57.7	-19.3
4694	ok	0.0	0.4	2.30e-03	12.7	12.7	12.7	12.7	7.2	9.7	4.9	-18.3	-78.8	-10.9
4695	ok	0.0	0.4	2.28e-03	12.7	12.7	12.7	12.7	8.5	9.5	4.8	-36.5	-90.8	-2.6
4696	ok	0.0	0.6	3.27e-03	12.7	12.7	12.7	12.7	-21.7	-18.0	-18.7	129.2	132.5	-7.0
4697	ok	0.0	0.3	2.61e-03	12.7	12.7	12.7	12.7	0.6	14.5	6.2	61.1	-23.9	-11.0
4698	ok	0.0	0.3	2.31e-03	12.7	12.7	12.7	12.7	5.6	12.9	4.4	24.0	-63.5	-2.1
4699	ok	0.0	0.4	2.22e-03	12.7	12.7	12.7	12.7	13.9	18.4	7.8	-6.9	-85.0	6.0
4700	ok	0.0	0.4	2.21e-03	12.7	12.7	12.7	12.7	8.8	10.8	4.6	-28.5	-97.9	11.7
4701	ok	0.0	0.4	1.36e-02	12.7	12.7	12.7	12.7	156.4	10.1	19.7	-49.0	-3.3	11.2
4702	ok	0.0	0.2	2.75e-03	12.7	12.7	12.7	12.7	8.4	1.9	2.0	-34.6	-26.3	-22.5
4703	ok	0.0	0.3	2.94e-03	12.7	12.7	12.7	12.7	5.7	1.2	1.8	-39.9	-30.2	-30.7
4704	ok	0.0	0.3	3.06e-03	12.7	12.7	12.7	12.7	2.2	0.5	0.9	-49.5	-34.1	-39.1
4705	ok	0.0	0.5	3.40e-03	12.7	12.7	12.7	12.7	9.7	2.7	5.1	91.3	25.2	50.5
4707	ok	0.0	0.4	1.46e-02	12.7	12.7	12.7	12.7	147.4	-8.8	19.5	-56.3	-15.4	18.7
4708	ok	0.0	0.4	1.06e-02	12.7	12.7	12.7	12.7	145.3	14.2	18.5	-51.6	-14.5	18.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4709	ok	0.0	0.5	8.69e-03	12.7	12.7	12.7	12.7	-89.1	-3.9	20.1	112.8	16.5	-68.5
4710	ok	0.0	0.4	2.20e-03	12.7	12.7	12.7	12.7	-2.2	-0.8	-1.3	-67.0	-19.1	-37.6
4711	ok	0.0	0.4	9.23e-03	12.7	12.7	12.7	12.7	-109.7	1.5	-3.4	86.0	4.3	-32.1
4712	ok	0.0	0.2	2.44e-03	12.7	12.7	12.7	12.7	0.1	9.51e-04	-3.3	12.6	6.3	-18.7
4713	ok	0.0	0.4	2.94e-03	12.7	12.7	12.7	12.7	3.7	1.3	1.8	-53.0	-39.7	-39.6
4714	ok	0.0	0.3	2.62e-03	12.7	12.7	12.7	12.7	6.1	2.0	2.4	-51.1	-40.9	-33.4
4715	ok	0.0	0.3	2.47e-03	12.7	12.7	12.7	12.7	8.5	2.7	2.7	-49.3	-41.0	-24.8
4716	ok	0.0	0.4	1.73e-03	12.7	12.7	12.7	12.7	9.5	5.4	7.0	-49.3	-43.5	-46.2
4717	ok	0.0	0.4	2.93e-03	12.7	12.7	12.7	12.7	1.7	1.1	1.3	-47.0	-41.5	-44.5
4718	ok	0.0	0.4	2.57e-03	12.7	12.7	12.7	12.7	4.5	2.3	2.6	-53.0	-46.1	-40.3
4719	ok	0.0	0.4	2.38e-03	12.7	12.7	12.7	12.7	6.6	3.1	3.2	-54.8	-50.6	-33.7
4720	ok	0.0	0.3	2.32e-03	12.7	12.7	12.7	12.7	8.6	3.8	3.4	-56.1	-54.0	-25.4
4721	ok	0.0	0.5	3.37e-03	12.7	12.7	12.7	12.7	9.1	27.2	-1.6	44.6	110.4	20.4
4722	ok	0.0	0.3	2.68e-03	12.7	12.7	12.7	12.7	3.4	2.7	2.7	-41.5	-40.8	-39.9
4723	ok	0.0	0.4	2.39e-03	12.7	12.7	12.7	12.7	5.2	3.6	3.4	-47.3	-50.2	-37.7
4724	ok	0.0	0.4	2.25e-03	12.7	12.7	12.7	12.7	6.9	4.4	3.9	-52.4	-58.5	-32.1
4725	ok	0.0	0.4	2.33e-03	12.7	12.7	12.7	12.7	8.6	5.0	4.0	-56.9	-64.7	-23.9
4726	ok	0.0	0.2	2.82e-03	12.7	12.7	12.7	12.7	8.2	6.6	6.6	-17.2	-26.2	-29.1
4727	ok	0.0	0.3	2.40e-03	12.7	12.7	12.7	12.7	4.2	4.5	3.7	-27.5	-37.3	-35.6
4728	ok	0.0	0.3	2.26e-03	12.7	12.7	12.7	12.7	5.7	5.3	4.2	-36.1	-52.7	-34.0
4729	ok	0.0	0.4	2.29e-03	12.7	12.7	12.7	12.7	7.1	6.0	4.5	-44.6	-65.3	-28.2
4730	ok	0.0	0.4	2.33e-03	12.7	12.7	12.7	12.7	8.6	6.4	4.5	-52.9	-74.2	-20.0
4732	ok	0.0	0.2	2.99e-03	12.7	12.7	12.7	12.7	16.5	6.6	9.5	-15.8	-14.7	-18.3
4733	ok	0.0	0.2	3.17e-03	12.7	12.7	12.7	12.7	5.3	0.5	1.1	-20.8	-19.5	-23.9
4734	ok	0.0	0.3	3.36e-03	12.7	12.7	12.7	12.7	-23.6	-8.5	-14.0	59.4	8.4	8.5
4735	ok	0.0	0.2	2.03e-03	12.7	12.7	12.7	12.7	9.8	2.1	4.9	-29.7	-3.5	-11.7
4738	ok	0.0	0.3	5.49e-04	12.7	12.7	12.7	12.7	-0.4	8.2	1.3	1.2	74.2	-0.4
4739	ok	0.0	0.8	1.89e-03	12.7	12.7	12.7	12.7	-4.8	-1.6	-2.8	-141.4	-50.8	-74.7
4748	ok	0.0	0.5	2.24e-03	12.7	12.7	12.7	12.7	12.2	3.7	6.5	-60.3	-48.4	-54.4
4752	ok	0.0	0.7	1.72e-03	12.7	12.7	12.7	12.7	-4.9	-1.9	-3.1	-141.7	-43.6	-68.6
4753	ok	0.0	0.2	1.21e-03	12.7	12.7	12.7	12.7	-0.2	17.7	2.9	1.5	20.5	28.2
4754	ok	0.0	0.2	3.20e-03	12.7	12.7	12.7	12.7	-17.1	-3.2	-6.6	33.7	1.0	-16.3
4756	ok	0.0	0.5	3.56e-03	12.7	12.7	12.7	12.7	8.9	3.8	5.7	81.8	24.2	46.6
4760	ok	0.0	0.6	4.44e-03	12.7	12.7	12.7	12.7	-24.2	3.0	-5.8	147.5	1.6	-15.6
4761	ok	0.0	0.2	1.81e-03	12.7	12.7	12.7	12.7	1.07e-02	-6.0	-2.22e-02	-0.4	47.3	6.2
4764	ok	0.0	0.6	7.14e-03	12.7	12.7	12.7	12.7	-27.2	7.9	-14.8	142.9	-52.3	-17.8
4765	ok	0.0	0.5	5.48e-03	12.7	12.7	12.7	12.7	-27.0	1.4	-8.5	133.4	-2.9	-14.5
4766	ok	0.0	0.3	1.52e-03	12.7	12.7	12.7	12.7	-8.20e-02	-4.8	-0.8	7.8	46.6	27.5
4767	ok	0.0	0.2	1.85e-03	12.7	12.7	12.7	12.7	2.80e-03	-5.3	-9.17e-03	-0.3	40.0	5.5
4768	ok	0.0	0.6	6.96e-03	12.7	12.7	12.7	12.7	-52.1	20.2	6.4	142.9	48.6	13.0
4769	ok	0.0	0.5	7.56e-03	12.7	12.7	12.7	12.7	-26.5	-3.2	-8.4	114.8	7.3	-15.6
4770	ok	0.0	0.5	8.70e-03	12.7	12.7	12.7	12.7	-54.3	3.6	6.8	114.9	32.1	27.0
4771	ok	0.0	0.4	1.06e-02	12.7	12.7	12.7	12.7	-52.2	-1.4	-0.7	63.9	8.0	-17.6
4772	ok	0.0	0.5	1.07e-02	12.7	12.7	12.7	12.7	-23.2	1.5	39.2	-37.8	-11.7	58.3
4773	ok	0.0	0.2	6.52e-03	12.7	12.7	12.7	12.7	40.0	-0.2	5.1	20.9	0.5	-4.4
4774	ok	0.0	0.4	1.89e-02	12.7	12.7	12.7	12.7	157.0	-0.6	19.3	-52.8	-1.9	10.4
4775	ok	0.0	0.2	1.06e-02	12.7	12.7	12.7	12.7	40.0	12.0	66.8	33.1	12.9	-21.2
4776	ok	0.0	0.2	3.84e-03	12.7	12.7	12.7	12.7	52.6	2.2	16.4	32.3	-4.2	3.4
4777	ok	0.0	0.2	5.63e-03	12.7	12.7	12.7	12.7	75.5	-3.2	14.2	23.1	2.2	8.0
4779	ok	0.0	0.2	1.53e-03	12.7	12.7	12.7	12.7	-3.55e-02	-4.3	-0.7	6.8	39.5	23.4
4781	ok	0.0	0.4	1.36e-02	12.7	12.7	12.7	12.7	71.8	0.2	6.8	-61.4	-5.5	31.4
4782	ok	0.0	1.0	2.96e-02	14.4	12.7	12.7	12.7	386.6	14.5	-32.1	-164.2	-6.7	-7.5
4783	ok	0.0	0.5	1.31e-02	12.7	12.7	12.7	12.7	-21.5	-3.3	38.4	-61.0	-12.9	58.2
4784	ok	0.0	0.6	1.71e-02	12.7	12.7	12.7	12.7	-106.4	6.9	-19.3	-94.9	-3.8	-8.8
4785	ok	0.0	0.8	2.12e-02	12.7	12.7	12.7	12.7	-123.2	9.3	-24.1	-133.7	-5.5	-7.9
4786	ok	0.0	1.0	2.58e-02	13.1	12.7	12.7	12.7	306.6	12.3	-29.4	-160.2	-6.6	-7.2
4787	ok	0.0	1.0	2.58e-02	13.8	12.7	12.7	12.7	313.0	25.0	-90.5	-172.2	-12.0	9.5
4788	ok	0.0	1.0	2.32e-02	12.7	12.7	12.7	12.7	268.2	22.2	-80.4	-162.7	-15.3	-0.7
4789	ok	0.0	0.8	1.99e-02	12.7	12.7	12.7	12.7	-161.9	12.6	-47.9	-113.5	-9.7	24.4
4790	ok	0.0	0.6	1.67e-02	12.7	12.7	12.7	12.7	-110.7	-2.7	22.1	-59.1	-6.3	56.3
4793	ok	0.0	0.9	3.04e-02	13.7	12.7	12.7	12.7	-344.4	-2.0	-11.7	131.8	6.3	23.2
4794	ok	0.0	1.0	3.07e-02	14.3	12.7	12.7	12.7	-344.1	-5.8	17.3	134.4	6.5	24.7
4798	ok	0.0	1.0	2.94e-02	13.8	12.7	12.7	12.7	-308.0	13.6	20.7	160.4	3.1	11.8
4799	ok	0.0	0.2	9.27e-03	12.7	12.7	12.7	12.7	-81.2	-5.5	-19.0	-31.8	2.4	-3.7
4803	ok	0.0	0.2	4.18e-03	12.7	12.7	12.7	12.7	-34.3	-7.2	-19.0	57.8	-6.8	4.7
4804	ok	0.0	0.2	8.46e-03	12.7	12.7	12.7	12.7	-80.5	-7.5	-19.4	-23.6	12.7	-8.1
4805	ok	0.0	0.2	6.80e-03	12.7	12.7	12.7	12.7	65.4	13.8	41.1	23.2	11.2	20.4
4806	ok	0.0	0.4	9.40e-03	12.7	12.7	12.7	12.7	-90.9	-2.0	-3.5	93.5	2.6	-18.2
4807	ok	0.0	0.3	8.56e-03	12.7	12.7	12.7	12.7	20.7	24.8	-3.1	34.5	-20.1	7.3
4808	ok	0.0	0.6	2.83e-02	12.7	12.7	12.7	12.7	-341.0	4.9	8.7	53.5	-2.2	5.0
4809	ok	0.0	0.5	2.44e-02	12.7	12.7	12.7	12.7	-254.8	21.2	28.8	63.2	-22.4	0.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4810	ok	0.0	0.5	2.65e-02	12.7	12.7	12.7	12.7	339.6	-5.5	5.8	-29.1	-4.2	8.2
4811	ok	0.0	0.4	2.33e-02	12.7	12.7	12.7	12.7	26.9	-0.1	-4.6	-44.2	-1.4	9.0
4812	ok	0.0	0.4	2.10e-02	12.7	12.7	12.7	12.7	119.1	6.4	-11.9	-49.6	-9.6	14.0
4813	ok	0.0	0.4	2.36e-02	12.7	12.7	12.7	12.7	191.8	11.9	-61.6	24.0	11.9	-14.7
4814	ok	0.0	0.8	1.63e-02	12.7	12.7	12.7	12.7	166.2	-6.8	-18.7	161.2	6.3	-0.3
4815	ok	0.0	0.3	8.91e-04	12.7	12.7	12.7	12.7	0.8	-2.3	-1.1	53.7	25.2	35.1
4816	ok	0.0	0.9	2.46e-03	12.7	16.2	12.7	12.7	11.5	-0.8	0.7	185.6	70.1	42.8
4817	ok	0.0	0.2	3.70e-03	12.7	12.7	12.7	12.7	-13.7	-4.8	-8.0	46.2	12.9	25.8
4818	ok	0.0	0.9	2.02e-02	12.7	12.7	12.7	12.7	185.6	10.4	-58.8	151.2	17.2	-24.5
4819	ok	0.0	0.9	2.84e-03	12.7	12.8	12.7	12.7	4.8	1.7	22.3	142.7	67.4	84.1
4820	ok	0.0	0.5	2.33e-03	12.7	12.7	12.7	12.7	6.1	2.5	3.7	-45.4	-54.2	-56.0
4821	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	6.5	4.0	3.4	-86.4	-45.9	-9.7
4822	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	8.0	4.7	3.5	-89.8	-52.3	3.7
4823	ok	0.0	0.4	1.80e-03	12.7	12.7	12.7	12.7	6.2	3.0	2.5	-82.9	-30.3	-11.2
4824	ok	0.0	0.3	1.74e-03	12.7	12.7	12.7	12.7	6.0	2.2	1.5	-70.6	-13.1	-11.6
4825	ok	0.0	0.2	1.91e-03	12.7	12.7	12.7	12.7	11.1	-7.3	5.7	-50.9	-9.4	-9.5
4826	ok	0.0	0.1	2.00e-03	12.7	12.7	12.7	12.7	12.4	2.1	4.4	-22.2	6.8	-10.1
4827	ok	0.0	0.2	2.20e-03	12.7	12.7	12.7	12.7	-15.6	-4.9	-10.4	41.2	19.1	7.6
4828	ok	0.0	0.4	1.85e-03	12.7	12.7	12.7	12.7	8.0	3.9	2.7	-84.6	-33.9	3.1
4829	ok	0.0	0.3	1.82e-03	12.7	12.7	12.7	12.7	14.8	6.3	4.0	-69.0	-12.9	4.5
4830	ok	0.0	0.2	1.87e-03	12.7	12.7	12.7	12.7	-0.4	4.4	-0.6	-44.5	13.2	6.0
4831	ok	0.0	0.2	2.36e-03	12.7	12.7	12.7	12.7	-15.3	3.2	-7.6	16.5	40.0	-5.4
4832	ok	0.0	0.7	3.09e-03	12.7	12.7	12.7	12.7	18.8	4.7	-9.2	113.2	83.1	-7.5
4833	ok	0.0	0.4	1.90e-03	12.7	12.7	12.7	12.7	6.7	4.7	3.8	-84.8	-55.2	-7.9
4834	ok	0.0	0.4	1.89e-03	12.7	12.7	12.7	12.7	8.1	5.4	4.0	-89.6	-62.9	4.8
4835	ok	0.0	0.3	1.97e-03	12.7	12.7	12.7	12.7	6.9	7.0	4.8	-70.1	-75.4	-0.3
4836	ok	0.0	0.4	1.91e-03	12.7	12.7	12.7	12.7	8.1	7.3	4.9	-79.6	-85.0	11.2
4837	ok	0.0	0.3	1.94e-03	12.7	12.7	12.7	12.7	6.8	5.8	4.4	-79.1	-65.8	-4.9
4838	ok	0.0	0.4	1.91e-03	12.7	12.7	12.7	12.7	8.1	6.3	4.5	-86.0	-74.7	7.3
4839	ok	0.0	0.5	1.77e-03	12.7	12.7	12.7	12.7	7.4	11.8	3.9	-24.0	-108.4	46.3
4840	ok	0.0	0.6	1.68e-03	12.7	12.7	12.7	12.7	8.6	11.2	4.4	-42.5	-115.1	50.8
4841	ok	0.0	0.5	1.90e-03	12.7	12.7	12.7	12.7	7.0	11.2	4.6	-30.7	-102.7	31.3
4842	ok	0.0	0.4	1.97e-03	12.7	12.7	12.7	12.7	6.9	9.9	5.0	-42.9	-94.8	17.6
4843	ok	0.0	0.4	1.99e-03	12.7	12.7	12.7	12.7	6.9	8.4	5.1	-57.0	-85.4	7.2
4844	ok	0.0	0.5	1.78e-03	12.7	12.7	12.7	12.7	8.3	10.7	4.8	-49.3	-110.6	38.5
4845	ok	0.0	0.5	1.86e-03	12.7	12.7	12.7	12.7	8.2	9.7	5.1	-59.1	-103.8	27.1
4846	ok	0.0	0.4	1.90e-03	12.7	12.7	12.7	12.7	8.1	8.6	5.1	-69.8	-95.2	17.9
4847	ok	0.0	0.6	1.51e-03	12.7	12.7	12.7	12.7	8.7	11.5	3.1	-25.5	-113.1	66.3
4848	ok	0.0	0.7	1.49e-03	12.7	12.7	12.7	12.7	9.6	11.3	4.0	-37.5	-118.7	67.4
4849	ok	0.0	0.6	1.64e-03	12.7	12.7	12.7	12.7	7.9	11.8	3.4	-22.9	-111.3	57.5
4850	ok	0.0	0.6	1.59e-03	12.7	12.7	12.7	12.7	9.1	11.4	4.2	-39.0	-117.4	60.0
4851	ok	0.0	0.7	1.41e-03	12.7	12.7	12.7	12.7	9.3	11.2	3.1	-29.4	-114.2	71.2
4852	ok	0.0	0.7	1.41e-03	12.7	12.7	12.7	12.7	10.1	11.2	4.0	-37.0	-119.5	71.9
4853	ok	0.0	0.7	1.31e-03	12.7	12.7	12.7	12.7	10.0	10.8	3.2	-34.4	-115.6	73.3
4854	ok	0.0	0.7	1.33e-03	12.7	12.7	12.7	12.7	10.6	11.0	4.1	-36.9	-120.2	74.2
4855	ok	0.0	0.7	1.22e-03	12.7	12.7	12.7	12.7	10.8	10.4	3.6	-41.0	-118.1	71.6
4856	ok	0.0	0.7	1.24e-03	12.7	12.7	12.7	12.7	11.3	10.8	4.3	-36.5	-121.7	73.4
4857	ok	0.0	0.7	1.09e-03	12.7	12.7	12.7	12.7	11.9	10.6	4.5	-52.0	-126.9	52.3
4858	ok	0.0	0.6	1.12e-03	12.7	12.7	12.7	12.7	12.5	10.9	5.0	-35.0	-127.3	55.2
4859	ok	0.0	0.7	1.15e-03	12.7	12.7	12.7	12.7	11.4	10.3	4.1	-47.1	-122.2	64.2
4860	ok	0.0	0.7	1.18e-03	12.7	12.7	12.7	12.7	12.0	10.8	4.7	-35.8	-124.2	67.0
4861	ok	0.0	0.6	9.68e-04	12.7	12.7	12.7	12.7	12.5	12.2	4.9	-62.1	-134.4	20.0
4862	ok	0.0	0.6	1.01e-03	12.7	12.7	12.7	12.7	13.2	12.1	5.1	-39.4	-131.3	19.8
4863	ok	0.0	0.6	1.03e-03	12.7	12.7	12.7	12.7	12.3	11.2	4.8	-56.5	-131.3	37.1
4864	ok	0.0	0.6	1.07e-03	12.7	12.7	12.7	12.7	12.9	11.4	5.1	-35.6	-130.1	38.9
4865	ok	0.0	0.6	7.96e-04	12.7	12.7	12.7	12.7	12.6	16.2	4.0	-86.3	-129.7	-22.2
4866	ok	0.0	0.6	8.66e-04	12.7	12.7	12.7	12.7	13.4	15.6	4.1	-68.9	-121.7	-29.5
4867	ok	0.0	0.6	8.48e-04	12.7	12.7	12.7	12.7	12.6	14.7	4.5	-76.9	-133.5	-9.9
4868	ok	0.0	0.6	9.07e-04	12.7	12.7	12.7	12.7	12.5	13.3	4.8	-68.7	-135.1	4.5
4869	ok	0.0	0.6	9.12e-04	12.7	12.7	12.7	12.7	13.3	14.3	4.5	-56.5	-127.0	-15.0
4870	ok	0.0	0.6	9.61e-04	12.7	12.7	12.7	12.7	13.3	13.1	4.9	-46.3	-130.3	1.9
4871	ok	0.0	0.7	7.03e-04	12.7	12.7	12.7	12.7	13.4	19.9	2.0	-111.3	-107.9	-41.7
4872	ok	0.0	0.7	7.80e-04	12.7	12.7	12.7	12.7	14.2	19.1	2.6	-103.3	-98.2	-53.8
4873	ok	0.0	0.6	7.40e-04	12.7	12.7	12.7	12.7	12.8	18.1	3.1	-99.2	-120.9	-34.6
4874	ok	0.0	0.6	8.16e-04	12.7	12.7	12.7	12.7	13.6	17.4	3.4	-86.6	-111.5	-44.4
4875	ok	0.0	0.7	6.88e-04	12.7	12.7	12.7	12.7	14.2	20.9	1.0	-118.5	-94.6	-44.2
4876	ok	0.0	0.7	7.65e-04	12.7	12.7	12.7	12.7	15.0	20.2	2.1	-113.4	-85.4	-58.1
4877	ok	0.0	0.7	6.85e-04	12.7	12.7	12.7	12.7	15.0	21.5	0.4	-121.3	-84.5	-44.9
4878	ok	0.0	0.7	7.64e-04	12.7	12.7	12.7	12.7	15.7	20.9	1.8	-117.8	-76.0	-60.1
4879	ok	0.0	0.6	7.37e-04	12.7	12.7	12.7	12.7	19.5	22.5	-1.0	-118.2	-37.3	-42.5
4880	ok	0.0	0.7	8.34e-04	12.7	12.7	12.7	12.7	19.7	22.6	1.8	-117.5	-33.6	-63.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4881	ok	0.0	0.6	6.95e-04	12.7	12.7	12.7	12.7	16.8	22.2	-0.4	-122.8	-63.6	-44.3
4882	ok	0.0	0.7	7.81e-04	12.7	12.7	12.7	12.7	17.4	21.8	1.6	-121.2	-57.0	-62.2
4883	ok	0.0	1.0	2.80e-03	20.1	16.9	12.7	14.6	20.6	13.4	5.7	-287.9	67.7	-75.8
4884	ok	0.0	0.8	2.00e-03	12.7	12.7	12.7	12.7	-6.7	2.1	-11.7	146.7	172.8	-13.8
4885	ok	0.0	0.4	1.37e-03	12.7	12.7	12.7	12.7	30.1	34.3	2.8	-60.8	76.0	-39.0
4886	ok	0.0	0.5	9.41e-04	12.7	12.7	12.7	12.7	24.1	23.0	-0.4	-90.4	28.6	-39.4
4887	ok	0.0	0.5	8.11e-04	12.7	12.7	12.7	12.7	29.4	26.3	-0.7	-106.2	-11.1	-40.8
4888	ok	0.0	0.5	1.72e-03	12.7	12.7	12.7	12.7	27.3	32.7	9.4	-51.9	65.1	-71.4
4889	ok	0.0	0.5	1.10e-03	12.7	12.7	12.7	12.7	22.9	24.7	4.0	-88.4	23.1	-68.9
4890	ok	0.0	0.6	9.25e-04	12.7	12.7	12.7	12.7	22.2	23.4	2.6	-107.0	-9.4	-65.6
4891	ok	0.0	1.0	4.14e-03	32.1	53.1	34.4	52.2	-0.9	-8.6	-20.2	647.6	633.9	275.4
4892	ok	0.0	1.0	2.88e-03	12.7	16.4	12.7	25.6	7.5	14.4	-11.8	126.5	300.8	-136.4
4893	ok	0.0	0.6	8.30e-04	12.7	12.7	12.7	12.7	-1.2	9.0	2.1	-15.1	-135.1	22.3
4894	ok	0.0	0.6	1.20e-03	12.7	12.7	12.7	12.7	4.7	58.2	-16.3	84.0	90.3	-48.0
4895	ok	0.0	0.3	4.49e-03	12.7	12.7	12.7	12.7	2.2	0.7	1.3	-47.7	-16.0	-28.7
4896	ok	0.0	0.7	1.28e-03	12.7	12.7	12.7	12.7	3.2	3.8	2.6	-138.1	-63.6	-49.4
4897	ok	0.0	0.6	2.37e-04	12.7	12.7	12.7	12.7	-0.2	6.5	-4.66e-02	-34.0	-136.8	38.3
4898	ok	0.0	0.7	1.37e-03	12.7	12.7	12.7	12.7	1.0	1.8	1.2	-140.3	-58.3	-60.5
4899	ok	0.0	0.3	2.83e-03	12.7	12.7	12.7	12.7	4.4	1.5	2.6	-49.8	-27.1	-38.6
4900	ok	0.0	0.2	5.72e-04	12.7	12.7	12.7	12.7	-2.3	6.1	2.5	12.0	-31.9	-25.5
4901	ok	0.0	0.2	2.21e-03	12.7	12.7	12.7	12.7	-1.0	-0.4	-0.6	-18.0	-2.9	-8.1
4902	ok	0.0	0.7	1.56e-03	12.7	12.7	12.7	12.7	-2.0	-0.2	-1.0	-141.4	-53.4	-69.5
4903	ok	0.0	0.6	1.07e-03	12.7	12.7	12.7	12.7	6.6	12.9	6.2	-130.5	-106.1	-29.9
4904	ok	0.0	0.3	8.33e-04	12.7	12.7	12.7	12.7	9.1	20.8	-8.0	15.7	59.3	10.4
4905	ok	0.0	0.4	9.99e-03	12.7	12.7	12.7	12.7	-115.7	2.4	-4.1	124.2	3.5	-32.0
4906	ok	0.0	0.4	2.21e-03	12.7	12.7	12.7	12.7	-2.1	-0.7	-1.2	-72.6	-22.6	-42.2
4907	ok	0.0	0.2	2.26e-03	12.7	12.7	12.7	12.7	-12.9	-4.9	-8.1	34.3	13.7	22.7
4908	ok	0.0	0.1	2.69e-03	12.7	12.7	12.7	12.7	11.3	3.9	6.9	6.5	-7.8	-4.8
4909	ok	0.0	0.5	8.59e-03	12.7	12.7	12.7	12.7	-102.8	3.9	-2.3	142.5	-15.7	-23.9
4910	ok	0.0	0.2	3.21e-03	12.7	12.7	12.7	12.7	3.3	0.3	0.9	-30.3	-22.7	-26.4
4911	ok	0.0	0.6	3.21e-03	12.7	12.7	12.7	12.7	9.5	-0.8	2.0	119.9	17.5	35.4
4912	ok	0.0	0.6	2.59e-03	12.7	12.7	12.7	12.7	-7.2	-2.8	-4.3	-99.4	-37.0	-61.6
4913	ok	0.0	0.4	2.80e-03	12.7	12.7	12.7	12.7	-11.3	-6.4	-9.9	61.4	54.0	41.4
4914	ok	0.0	0.4	3.34e-03	12.7	12.7	12.7	12.7	-1.1	-0.4	-0.6	-61.5	-25.3	-40.9
4915	ok	0.0	0.4	2.06e-03	12.7	12.7	12.7	12.7	-1.8	-0.6	-1.0	-68.6	-21.7	-40.1
4916	ok	0.0	0.3	2.51e-03	12.7	12.7	12.7	12.7	15.3	5.7	9.8	47.2	8.3	21.3
4917	ok	0.0	0.6	3.51e-03	12.7	12.7	12.7	12.7	12.2	4.4	6.7	104.1	31.0	58.5
4918	ok	0.0	0.3	8.91e-04	12.7	12.7	12.7	12.7	0.8	-1.9	-1.6	50.5	23.2	31.3
4919	ok	0.0	0.3	2.40e-03	12.7	12.7	12.7	12.7	-1.5	-0.5	-0.9	-58.3	-20.5	-35.8
4920	ok	0.0	0.1	2.11e-03	12.7	12.7	12.7	12.7	4.0	1.4	2.4	-15.7	-5.5	-9.8
4921	ok	0.0	0.4	2.28e-03	12.7	12.7	12.7	12.7	9.8	4.0	6.8	-63.3	-33.0	-45.2
4922	ok	0.0	0.5	2.69e-03	12.7	12.7	12.7	12.7	9.2	1.6	3.9	86.5	25.6	50.8
4923	ok	0.0	0.6	2.77e-02	12.7	12.7	12.7	12.7	-282.9	10.8	-12.7	61.3	6.0	-5.1
4924	ok	0.0	0.6	2.27e-02	12.7	12.7	12.7	12.7	-7.6	20.5	-49.1	82.7	24.6	-21.2
4925	ok	0.0	0.6	2.86e-02	12.7	12.7	12.7	12.7	-107.2	7.2	-29.7	66.4	5.7	-9.0
4926	ok	0.0	0.5	2.54e-02	12.7	12.7	12.7	12.7	120.6	-24.0	83.1	-58.3	-5.8	26.7
4927	ok	0.0	0.5	2.44e-02	12.7	12.7	12.7	12.7	-278.4	68.3	-33.6	68.5	19.9	-14.7
4928	ok	0.0	0.5	1.57e-02	12.7	12.7	12.7	12.7	121.7	-2.8	-7.6	65.3	4.5	14.9
4929	ok	0.0	0.7	3.07e-03	12.7	12.7	12.7	12.7	-6.5	51.1	-6.5	68.2	118.0	-69.7
4930	ok	0.0	0.3	1.50e-02	12.7	12.7	12.7	12.7	78.2	0.9	0.9	-43.6	-4.4	-17.9
4931	ok	0.0	0.5	1.61e-02	12.7	12.7	12.7	12.7	145.2	-5.7	-18.8	64.0	10.1	29.9
4932	ok	0.0	0.3	1.59e-02	12.7	12.7	12.7	12.7	-151.0	2.5	7.1	-74.8	-2.8	-12.0
4933	ok	0.0	0.6	2.78e-02	12.7	12.7	12.7	12.7	-20.6	5.2	-21.1	84.0	4.3	-14.4
4934	ok	0.0	0.5	9.88e-03	12.7	12.7	12.7	12.7	-114.5	-1.9	-4.3	137.8	2.9	-31.8
4935	ok	0.0	0.3	1.58e-02	12.7	12.7	12.7	12.7	-2.5	2.1	2.2	-46.3	-1.7	-25.1
4936	ok	0.0	0.3	1.54e-02	12.7	12.7	12.7	12.7	79.3	1.0	1.2	-46.2	-3.9	-17.7
4937	ok	0.0	0.3	1.47e-02	12.7	12.7	12.7	12.7	74.1	5.1	-0.3	-45.6	-11.6	-21.1
4938	ok	0.0	0.3	1.51e-02	12.7	12.7	12.7	12.7	76.2	2.3	4.2	-48.5	-11.6	-20.9
4939	ok	0.0	0.3	1.54e-02	12.7	12.7	12.7	12.7	-5.4	5.7	11.2	-47.1	-7.8	-29.1
4940	ok	0.0	0.3	1.56e-02	12.7	12.7	12.7	12.7	-150.4	7.9	22.3	-75.3	-6.9	-9.3
4941	ok	0.0	0.7	1.53e-02	12.7	12.7	12.7	12.7	152.7	-5.8	-15.4	139.7	5.4	-0.1
4942	ok	0.0	0.8	2.33e-02	12.7	12.7	12.7	12.7	198.1	1.7	-22.9	138.9	1.6	-0.9
4943	ok	0.0	0.4	8.31e-03	12.7	12.7	12.7	12.7	21.9	-4.60e-03	-0.3	-86.4	-3.5	2.6
4944	ok	0.0	0.4	1.81e-03	12.7	12.7	12.7	12.7	4.8	3.1	3.0	-82.5	-39.8	-20.8
4945	ok	0.0	0.4	1.73e-03	12.7	12.7	12.7	12.7	3.0	2.2	2.2	-78.4	-33.6	-29.3
4946	ok	0.0	0.3	8.91e-04	12.7	12.7	12.7	12.7	6.5	4.1	6.1	-49.3	-26.4	-33.6
4947	ok	0.0	0.3	6.84e-04	12.7	12.7	12.7	12.7	4.74e-02	-1.8	-3.5	-1.2	-69.3	21.1
4948	ok	0.0	0.4	8.01e-03	12.7	12.7	12.7	12.7	23.8	-1.90e-02	-0.8	-87.7	-15.6	-2.2
4949	ok	0.0	0.4	8.27e-03	12.7	12.7	12.7	12.7	22.7	0.5	-1.1	-87.3	-3.9	6.2
4950	ok	0.0	0.3	7.56e-03	12.7	12.7	12.7	12.7	-34.0	-21.8	-58.7	61.7	-33.1	30.3
4951	ok	0.0	0.9	1.88e-02	12.7	12.7	12.7	12.7	171.0	0.9	-19.4	167.4	4.0	-1.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4952	ok	0.0	0.8	1.76e-02	12.7	12.7	12.7	12.7	155.5	-4.8	-21.1	124.3	16.8	31.7
4953	ok	0.0	0.4	1.72e-03	12.7	12.7	12.7	12.7	4.3	2.1	2.1	-81.6	-28.1	-22.4
4954	ok	0.0	0.3	1.83e-03	12.7	12.7	12.7	12.7	3.7	1.3	1.2	-72.4	-15.3	-22.1
4955	ok	0.0	0.3	2.01e-03	12.7	12.7	12.7	12.7	-10.4	-3.5	-5.4	-50.4	-5.2	-20.9
4956	ok	0.0	0.2	3.59e-03	12.7	12.7	12.7	12.7	-0.4	-0.2	-0.2	-34.6	-14.4	-23.2
4957	ok	0.0	0.2	2.91e-03	12.7	12.7	12.7	12.7	-11.3	-4.2	-7.0	20.3	4.3	10.4
4958	ok	0.0	0.4	1.84e-03	12.7	12.7	12.7	12.7	2.2	1.2	1.3	-80.6	-25.6	-30.8
4959	ok	0.0	0.3	3.51e-03	12.7	12.7	12.7	12.7	-1.0	-0.4	-0.6	-55.5	-21.9	-36.5
4960	ok	0.0	6.72e-02	2.02e-04	12.7	12.7	12.7	12.7	0.4	1.5	8.71e-02	5.2	7.8	4.9
4961	ok	0.0	0.7	2.01e-03	12.7	12.7	12.7	12.7	-3.9	-9.46e-02	-1.7	-117.4	-49.2	-72.1
4962	ok	0.0	0.6	1.55e-02	12.7	12.7	12.7	12.7	118.8	-3.7	-9.1	95.4	3.9	14.0
4963	ok	0.0	0.4	2.45e-03	12.7	12.7	12.7	12.7	5.9	2.9	4.0	-29.1	-50.6	-49.8
4964	ok	0.0	0.4	7.20e-04	12.7	12.7	12.7	12.7	-1.0	14.1	2.3	26.0	84.2	2.7
4965	ok	0.0	0.4	8.57e-03	12.7	12.7	12.7	12.7	8.4	63.6	-3.7	7.6	71.2	14.7
4966	ok	0.0	0.4	6.52e-03	12.7	12.7	12.7	12.7	-74.6	-2.0	-19.3	97.6	-11.9	-3.7
4967	ok	0.0	0.6	1.70e-02	12.7	12.7	12.7	12.7	150.3	-5.4	-20.9	96.4	14.9	30.3
4968	ok	0.0	0.5	8.94e-03	12.7	12.7	12.7	12.7	-50.6	-2.1	-9.0	126.7	35.8	-7.6
4969	ok	0.0	0.7	1.11e-03	12.7	12.7	12.7	12.7	5.4	16.2	7.2	-123.4	-108.3	-42.1
4970	ok	0.0	0.5	7.44e-03	12.7	12.7	12.7	12.7	-55.6	4.0	-57.6	116.2	-26.3	32.4
4971	ok	0.0	0.3	4.03e-03	12.7	12.7	12.7	12.7	5.8	0.8	2.2	-51.1	-18.3	-25.5
4972	ok	0.0	6.56e-02	2.03e-03	12.7	12.7	12.7	12.7	-12.5	-10.6	-12.7	15.9	-5.8	3.8
4973	ok	0.0	0.2	3.99e-03	12.7	12.7	12.7	12.7	3.9	1.0	1.9	-34.8	-25.1	-26.7
4974	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	5.2	3.9	3.5	-79.3	-46.9	-18.9
4975	ok	0.0	0.4	1.83e-03	12.7	12.7	12.7	12.7	3.6	3.0	2.9	-73.2	-37.8	-27.2
4976	ok	0.0	0.4	1.76e-03	12.7	12.7	12.7	12.7	2.0	2.0	1.9	-66.6	-28.9	-31.9
4977	ok	0.0	0.1	4.32e-03	12.7	12.7	12.7	12.7	1.3	0.4	0.8	5.9	-3.1	-1.7
4978	ok	0.0	0.6	6.28e-03	12.7	12.7	12.7	12.7	-62.4	53.5	-10.6	158.3	-64.9	-28.0
4979	ok	0.0	0.3	2.04e-03	12.7	12.7	12.7	12.7	5.7	6.5	4.7	-59.6	-62.2	-11.3
4980	ok	0.0	0.3	2.08e-03	12.7	12.7	12.7	12.7	4.6	5.8	4.4	-48.9	-45.0	-19.7
4981	ok	0.0	0.2	2.08e-03	12.7	12.7	12.7	12.7	8.4	9.0	8.0	-38.3	-26.8	-22.3
4982	ok	0.0	0.2	2.20e-03	12.7	12.7	12.7	12.7	7.0	7.2	6.7	-26.9	-10.7	-18.3
4983	ok	0.0	0.4	1.85e-03	12.7	12.7	12.7	12.7	10.0	4.5	6.5	-59.4	-31.0	-41.6
4984	ok	0.0	0.3	1.96e-03	12.7	12.7	12.7	12.7	5.5	5.1	4.2	-71.3	-54.9	-15.8
4985	ok	0.0	0.3	1.95e-03	12.7	12.7	12.7	12.7	4.2	4.3	3.7	-63.2	-42.0	-23.7
4986	ok	0.0	0.3	1.89e-03	12.7	12.7	12.7	12.7	2.8	3.2	2.9	-54.5	-28.4	-27.5
4987	ok	0.0	0.4	3.27e-03	12.7	12.7	12.7	12.7	-1.0	-0.4	-0.6	-57.6	-25.1	-39.8
4988	ok	0.0	1.0	5.38e-03	12.7	42.6	17.0	53.0	-12.9	-37.8	13.4	486.0	722.1	-206.5
4989	ok	0.0	0.5	1.92e-03	12.7	12.7	12.7	12.7	5.3	12.0	3.1	2.9	-92.4	42.5
4990	ok	0.0	0.4	2.18e-03	12.7	12.7	12.7	12.7	4.0	13.5	2.1	36.4	-67.0	38.1
4991	ok	0.0	0.4	3.08e-03	12.7	12.7	12.7	12.7	3.4	16.7	-0.8	87.4	-27.7	34.5
4992	ok	0.0	0.9	4.03e-03	12.7	15.2	15.0	12.7	-5.4	-21.4	-0.9	182.6	168.5	-27.0
4993	ok	0.0	1.0	6.41e-03	12.7	14.0	12.7	17.1	-25.1	2.0	-0.9	225.5	180.9	41.9
4994	ok	0.0	0.4	3.14e-03	12.7	12.7	12.7	12.7	-12.2	-11.7	-10.2	50.1	83.1	29.6
4995	ok	0.0	0.2	3.45e-03	12.7	12.7	12.7	12.7	4.5	1.2	2.5	45.0	10.9	23.2
4996	ok	0.0	0.4	2.07e-03	12.7	12.7	12.7	12.7	9.8	19.9	7.8	-9.2	-86.6	22.5
4997	ok	0.0	0.3	2.13e-03	12.7	12.7	12.7	12.7	10.2	17.4	9.1	-24.4	-78.6	7.5
4998	ok	0.0	0.3	2.11e-03	12.7	12.7	12.7	12.7	5.8	8.3	5.1	-42.3	-70.4	-4.0
4999	ok	0.0	0.3	2.39e-03	12.7	12.7	12.7	12.7	7.9	0.7	-7.1	23.5	-60.2	18.0
5000	ok	0.0	0.3	2.36e-03	12.7	12.7	12.7	12.7	-1.3	11.8	1.7	-5.1	-59.2	1.9
5001	ok	0.0	0.3	2.23e-03	12.7	12.7	12.7	12.7	9.9	13.8	9.7	-27.8	-49.6	-12.7
5002	ok	0.0	0.3	3.16e-03	12.7	12.7	12.7	12.7	-3.7	-14.6	-17.1	69.3	22.7	12.7
5003	ok	0.0	0.2	2.70e-03	12.7	12.7	12.7	12.7	-2.7	-12.1	-4.6	22.4	19.5	-13.2
5004	ok	0.0	0.2	2.36e-03	12.7	12.7	12.7	12.7	2.7	6.9	11.2	-24.9	-19.9	-16.2
5005	ok	0.0	0.7	4.21e-03	12.7	12.7	12.7	12.7	-22.3	-23.3	-27.9	160.0	166.4	19.0
5006	ok	0.0	0.3	3.80e-03	12.7	12.7	12.7	12.7	-19.6	-6.9	-15.9	56.2	54.4	5.9
5007	ok	0.0	0.1	2.45e-03	12.7	12.7	12.7	12.7	-18.6	-6.9	-12.7	17.9	24.8	-1.4
5008	ok	0.0	0.5	2.64e-03	12.7	12.7	12.7	12.7	4.2	7.7	-7.0	42.3	107.7	38.0
5009	ok	0.0	0.6	1.54e-03	12.7	12.7	12.7	12.7	7.7	11.8	1.9	-10.0	-98.0	66.3
5010	ok	0.0	0.5	1.59e-03	12.7	12.7	12.7	12.7	6.2	11.3	0.5	11.8	-69.3	69.6
5011	ok	0.0	0.4	1.72e-03	12.7	12.7	12.7	12.7	6.2	12.4	-1.9	33.9	-22.6	74.8
5012	ok	0.0	0.5	2.97e-03	12.7	12.7	12.7	12.7	-6.1	-20.9	1.3	45.7	74.7	64.9
5013	ok	0.0	0.9	4.91e-03	13.1	18.7	12.7	20.4	-19.1	-5.7	7.5	281.8	115.8	52.3
5014	ok	0.0	0.5	1.73e-03	12.7	12.7	12.7	12.7	6.8	12.5	2.4	-1.6	-96.4	55.8
5015	ok	0.0	0.4	1.87e-03	12.7	12.7	12.7	12.7	4.3	12.9	0.8	30.0	-68.7	56.6
5016	ok	0.0	0.5	2.47e-03	12.7	12.7	12.7	12.7	7.2	12.8	0.3	66.1	-26.6	63.3
5017	ok	0.0	0.9	4.45e-03	12.7	12.7	12.7	12.7	-19.7	-17.9	10.8	193.9	189.5	10.3
5018	ok	0.0	0.4	1.77e-03	12.7	12.7	12.7	12.7	-17.7	-1.1	8.3	15.5	79.6	19.5
5019	ok	0.0	0.6	1.40e-03	12.7	12.7	12.7	12.7	8.6	11.0	1.9	-19.9	-99.2	71.4
5020	ok	0.0	0.5	1.40e-03	12.7	12.7	12.7	12.7	8.1	10.6	0.6	-9.5	-72.2	72.7
5021	ok	0.0	0.4	1.42e-03	12.7	12.7	12.7	12.7	6.2	8.9	-7.1	-8.4	-47.9	53.7
5022	ok	0.0	0.4	1.77e-03	12.7	12.7	12.7	12.7	-14.6	3.67e-02	8.5	20.9	57.8	42.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5023	ok	0.0	0.2	1.53e-03	12.7	12.7	12.7	12.7	4.6	4.1	-1.7	-43.4	29.6	27.3
5024	ok	0.0	0.6	1.30e-03	12.7	12.7	12.7	12.7	9.4	10.4	2.1	-31.1	-101.2	72.9
5025	ok	0.0	0.5	1.27e-03	12.7	12.7	12.7	12.7	8.9	9.6	1.0	-29.0	-76.0	72.0
5026	ok	0.0	0.4	1.29e-03	12.7	12.7	12.7	12.7	8.4	8.4	-5.74e-03	-30.1	-40.3	67.6
5027	ok	0.0	0.3	1.54e-03	12.7	12.7	12.7	12.7	12.7	-2.0	-8.5	-32.5	-26.4	35.6
5028	ok	0.0	0.4	1.29e-03	12.7	12.7	12.7	12.7	6.5	4.3	0.2	-78.0	-7.9	19.2
5029	ok	0.0	0.6	1.20e-03	12.7	12.7	12.7	12.7	10.3	9.8	2.8	-45.5	-105.6	69.5
5030	ok	0.0	0.6	1.18e-03	12.7	12.7	12.7	12.7	9.7	8.9	2.0	-51.1	-84.4	65.7
5031	ok	0.0	0.5	1.19e-03	12.7	12.7	12.7	12.7	9.1	7.6	1.3	-58.9	-56.5	57.6
5032	ok	0.0	0.4	1.31e-03	12.7	12.7	12.7	12.7	8.1	6.0	0.8	-68.8	-27.8	41.9
5033	ok	0.0	0.5	1.11e-03	12.7	12.7	12.7	12.7	7.5	6.3	3.2	-116.0	-63.5	1.9
5034	ok	0.0	0.6	1.08e-03	12.7	12.7	12.7	12.7	11.3	10.1	4.2	-67.4	-119.7	48.3
5035	ok	0.0	0.6	1.08e-03	12.7	12.7	12.7	12.7	10.7	9.4	3.9	-81.6	-107.3	41.9
5036	ok	0.0	0.5	1.08e-03	12.7	12.7	12.7	12.7	9.8	8.5	3.6	-94.7	-91.8	32.1
5037	ok	0.0	0.5	1.10e-03	12.7	12.7	12.7	12.7	8.8	7.5	3.4	-106.4	-76.3	18.5
5038	ok	0.0	0.4	1.12e-03	12.7	12.7	12.7	12.7	7.1	5.0	1.8	-101.4	-38.6	10.6
5039	ok	0.0	0.6	1.13e-03	12.7	12.7	12.7	12.7	10.9	9.7	3.5	-58.0	-112.2	60.7
5040	ok	0.0	0.6	1.13e-03	12.7	12.7	12.7	12.7	10.3	8.8	3.0	-69.0	-95.6	54.8
5041	ok	0.0	0.5	1.12e-03	12.7	12.7	12.7	12.7	9.6	7.7	2.6	-80.4	-74.8	45.0
5042	ok	0.0	0.5	1.12e-03	12.7	12.7	12.7	12.7	8.5	6.4	2.2	-91.7	-54.2	29.9
5043	ok	0.0	0.6	1.05e-03	12.7	12.7	12.7	12.7	7.8	10.6	5.3	-127.8	-101.3	-13.6
5044	ok	0.0	0.6	9.42e-04	12.7	12.7	12.7	12.7	11.7	12.2	4.8	-81.2	-132.5	18.5
5045	ok	0.0	0.6	9.40e-04	12.7	12.7	12.7	12.7	10.8	12.0	4.9	-97.2	-126.9	14.5
5046	ok	0.0	0.5	9.61e-04	12.7	12.7	12.7	12.7	9.9	11.7	5.0	-110.2	-119.0	7.8
5047	ok	0.0	0.5	9.99e-04	12.7	12.7	12.7	12.7	8.9	11.3	5.1	-120.4	-110.1	-1.8
5048	ok	0.0	0.5	1.09e-03	12.7	12.7	12.7	12.7	7.8	8.2	4.3	-124.3	-84.3	-6.4
5049	ok	0.0	0.6	1.01e-03	12.7	12.7	12.7	12.7	11.6	10.9	4.6	-74.7	-126.9	33.7
5050	ok	0.0	0.6	1.01e-03	12.7	12.7	12.7	12.7	10.8	10.5	4.5	-90.6	-118.1	28.1
5051	ok	0.0	0.5	1.03e-03	12.7	12.7	12.7	12.7	9.9	9.9	4.4	-104.2	-106.8	19.5
5052	ok	0.0	0.5	1.06e-03	12.7	12.7	12.7	12.7	8.9	9.1	4.4	-115.5	-95.0	7.8
5053	ok	0.0	0.6	8.23e-04	12.7	12.7	12.7	12.7	6.4	20.2	5.6	-120.6	-131.6	-22.7
5054	ok	0.0	0.6	7.31e-04	12.7	12.7	12.7	12.7	11.6	16.9	3.9	-100.2	-134.3	-16.9
5055	ok	0.0	0.6	6.92e-04	12.7	12.7	12.7	12.7	10.4	17.6	4.0	-110.5	-136.4	-14.1
5056	ok	0.0	0.6	6.99e-04	12.7	12.7	12.7	12.7	9.0	18.5	4.3	-117.2	-136.5	-14.2
5057	ok	0.0	0.6	7.47e-04	12.7	12.7	12.7	12.7	7.7	19.4	4.9	-120.5	-134.9	-17.1
5058	ok	0.0	0.6	9.14e-04	12.7	12.7	12.7	12.7	7.1	16.7	6.0	-125.0	-123.9	-21.9
5059	ok	0.0	0.6	9.90e-04	12.7	12.7	12.7	12.7	7.6	13.5	5.8	-127.6	-113.9	-18.7
5060	ok	0.0	0.6	7.98e-04	12.7	12.7	12.7	12.7	11.6	15.2	4.5	-93.6	-136.1	-7.0
5061	ok	0.0	0.6	8.70e-04	12.7	12.7	12.7	12.7	11.7	13.6	4.8	-87.2	-135.4	5.1
5062	ok	0.0	0.6	7.77e-04	12.7	12.7	12.7	12.7	10.5	15.6	4.6	-106.5	-135.8	-6.6
5063	ok	0.0	0.6	8.61e-04	12.7	12.7	12.7	12.7	10.7	13.7	4.9	-102.2	-132.6	3.1
5064	ok	0.0	0.6	7.95e-04	12.7	12.7	12.7	12.7	9.4	16.1	4.9	-115.9	-133.3	-9.0
5065	ok	0.0	0.5	8.83e-04	12.7	12.7	12.7	12.7	9.7	13.8	5.1	-113.8	-127.5	-1.6
5066	ok	0.0	0.6	8.43e-04	12.7	12.7	12.7	12.7	8.2	16.4	5.4	-122.0	-129.3	-14.2
5067	ok	0.0	0.6	9.28e-04	12.7	12.7	12.7	12.7	8.6	13.7	5.4	-122.2	-121.0	-8.9
5068	ok	0.0	0.6	5.02e-04	12.7	12.7	12.7	12.7	4.4	29.1	1.4	-104.2	-140.8	-11.6
5069	ok	0.0	0.6	6.08e-04	12.7	12.7	12.7	12.7	12.1	21.0	1.3	-116.6	-116.5	-30.5
5070	ok	0.0	0.6	5.10e-04	12.7	12.7	12.7	12.7	10.3	22.6	0.9	-118.6	-124.5	-21.3
5071	ok	0.0	0.6	4.42e-04	12.7	12.7	12.7	12.7	8.3	24.4	0.7	-117.2	-131.6	-14.9
5072	ok	0.0	0.6	4.47e-04	12.7	12.7	12.7	12.7	6.3	26.6	0.9	-112.4	-137.3	-11.6
5073	ok	0.0	0.6	6.76e-04	12.7	12.7	12.7	12.7	5.4	24.9	4.1	-112.5	-138.2	-19.9
5074	ok	0.0	0.6	6.58e-04	12.7	12.7	12.7	12.7	11.6	19.1	2.8	-108.7	-127.9	-26.3
5075	ok	0.0	0.6	5.88e-04	12.7	12.7	12.7	12.7	10.2	20.3	2.8	-114.8	-133.0	-20.3
5076	ok	0.0	0.6	5.67e-04	12.7	12.7	12.7	12.7	8.6	21.7	2.9	-117.5	-136.6	-17.2
5077	ok	0.0	0.6	6.03e-04	12.7	12.7	12.7	12.7	6.9	23.2	3.4	-116.6	-138.5	-17.0
5078	ok	0.0	0.6	3.59e-04	12.7	12.7	12.7	12.7	4.0	31.3	-1.3	-98.0	-140.0	-2.3
5079	ok	0.0	0.6	5.85e-04	12.7	12.7	12.7	12.7	12.8	22.2	-2.14e-02	-120.8	-104.3	-30.7
5080	ok	0.0	0.6	4.70e-04	12.7	12.7	12.7	12.7	10.8	23.9	-0.8	-120.0	-114.5	-19.0
5081	ok	0.0	0.6	3.69e-04	12.7	12.7	12.7	12.7	8.5	26.0	-1.3	-115.9	-124.5	-10.1
5082	ok	0.0	0.6	3.32e-04	12.7	12.7	12.7	12.7	6.2	28.5	-1.4	-108.6	-133.3	-4.6
5083	ok	0.0	0.6	2.70e-04	12.7	12.7	12.7	12.7	4.0	32.2	-3.2	-93.8	-138.2	5.0
5084	ok	0.0	0.6	5.76e-04	12.7	12.7	12.7	12.7	13.4	22.7	-0.9	-122.0	-94.6	-29.7
5085	ok	0.0	0.6	4.51e-04	12.7	12.7	12.7	12.7	11.3	24.5	-2.1	-119.6	-106.2	-16.3
5086	ok	0.0	0.5	3.33e-04	12.7	12.7	12.7	12.7	8.8	26.7	-2.8	-114.2	-118.1	-5.8
5087	ok	0.0	0.6	2.68e-04	12.7	12.7	12.7	12.7	6.2	29.3	-3.1	-105.6	-129.4	1.4
5088	ok	0.0	0.6	1.27e-04	12.7	12.7	12.7	12.7	4.8	31.8	-9.1	-79.3	-125.7	32.7
5089	ok	0.0	0.5	5.87e-04	12.7	12.7	12.7	12.7	17.5	23.3	-4.0	-115.6	-49.2	-20.1
5090	ok	0.0	0.5	4.12e-04	12.7	12.7	12.7	12.7	14.1	25.1	-6.3	-109.8	-67.4	-0.6
5091	ok	0.0	0.5	2.49e-04	12.7	12.7	12.7	12.7	10.4	27.2	-7.8	-101.6	-88.4	14.6
5092	ok	0.0	0.6	1.35e-04	12.7	12.7	12.7	12.7	7.1	29.5	-8.6	-91.6	-108.6	25.5
5093	ok	0.0	0.6	1.84e-04	12.7	12.7	12.7	12.7	4.2	32.8	-6.4	-86.5	-133.1	18.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5094	ok	0.0	0.6	5.72e-04	12.7	12.7	12.7	12.7	15.1	23.3	-2.5	-121.4	-74.5	-26.0
5095	ok	0.0	0.5	4.26e-04	12.7	12.7	12.7	12.7	12.4	25.1	-4.2	-116.8	-89.0	-9.4
5096	ok	0.0	0.5	2.86e-04	12.7	12.7	12.7	12.7	9.4	27.4	-5.3	-109.3	-105.0	3.6
5097	ok	0.0	0.6	1.88e-04	12.7	12.7	12.7	12.7	6.6	30.0	-6.0	-99.2	-120.3	12.8
5098	ok	0.0	0.2	1.66e-03	12.7	12.7	12.7	12.7	-6.6	-2.5	-3.9	-36.7	-6.1	-16.2
5099	ok	0.0	0.5	2.00e-03	12.7	12.7	12.7	12.7	10.3	9.3	-6.9	51.2	115.0	-16.7
5100	ok	0.0	0.7	1.15e-03	12.7	12.7	12.7	12.7	5.7	11.9	6.3	-131.3	-97.6	-41.7
5101	ok	0.0	0.7	1.52e-04	12.7	12.7	12.7	12.7	1.3	4.2	-2.2	-45.2	-133.0	52.9
5102	ok	0.0	0.1	4.03e-03	12.7	12.7	12.7	12.7	-15.9	-5.8	-9.4	23.8	9.1	13.7
5103	ok	0.0	0.7	1.33e-03	12.7	12.7	12.7	12.7	3.9	8.3	5.4	-128.8	-76.7	-62.5
5104	ok	0.0	0.7	1.24e-03	12.7	12.7	12.7	12.7	4.8	10.4	6.1	-130.5	-87.8	-53.0
5105	ok	0.0	0.6	8.62e-05	12.7	12.7	12.7	12.7	5.3	30.0	-10.8	-72.8	-118.1	44.5
5106	ok	0.0	0.4	8.91e-04	12.7	12.7	12.7	12.7	16.5	7.5	-0.4	-75.5	38.8	-7.6
5107	ok	0.0	0.4	6.97e-04	12.7	12.7	12.7	12.7	21.4	20.0	-5.2	-88.0	13.1	-8.1
5108	ok	0.0	0.5	6.24e-04	12.7	12.7	12.7	12.7	26.0	26.4	-5.6	-103.5	-23.1	-15.5
5109	ok	0.0	0.3	4.69e-04	12.7	12.7	12.7	12.7	10.8	6.9	-2.2	-61.9	-15.4	19.6
5110	ok	0.0	0.4	4.20e-04	12.7	12.7	12.7	12.7	11.8	17.7	-3.3	-67.5	-41.5	11.9
5111	ok	0.0	0.4	4.09e-04	12.7	12.7	12.7	12.7	16.0	24.6	-8.1	-98.9	-45.6	8.1
5112	ok	0.0	0.4	1.84e-04	12.7	12.7	12.7	12.7	12.5	23.4	-12.5	-61.5	-35.9	38.4
5113	ok	0.0	0.5	2.02e-04	12.7	12.7	12.7	12.7	12.1	25.3	-11.3	-78.0	-54.3	33.3
5114	ok	0.0	0.5	2.23e-04	12.7	12.7	12.7	12.7	11.4	26.6	-9.7	-91.5	-71.9	24.5
5115	ok	0.0	0.7	1.79e-04	12.7	12.7	12.7	12.7	5.0	32.9	-13.1	-45.6	-145.3	51.0
5116	ok	0.0	0.6	8.47e-05	12.7	12.7	12.7	12.7	7.8	26.6	-11.6	-72.8	-84.0	45.9
5117	ok	0.0	0.6	1.02e-04	12.7	12.7	12.7	12.7	7.6	28.4	-10.4	-83.1	-96.7	36.3
5118	ok	0.0	0.2	4.41e-03	12.7	12.7	12.7	12.7	3.6	1.2	2.1	-36.7	-11.2	-21.4
5119	ok	0.0	0.3	4.52e-03	12.7	12.7	12.7	12.7	1.3	0.4	0.8	-47.9	-17.4	-30.4
5120	ok	0.0	0.2	1.42e-03	12.7	12.7	12.7	12.7	0.2	-2.0	-1.3	0.7	28.5	22.3
5121	ok	0.0	0.2	1.51e-03	12.7	12.7	12.7	12.7	2.99e-02	-3.8	-0.7	5.1	34.9	20.7
5122	ok	0.0	0.2	1.49e-03	12.7	12.7	12.7	12.7	0.1	-3.0	-0.9	2.7	31.7	19.8
5123	ok	0.0	0.1	1.72e-03	12.7	12.7	12.7	12.7	8.77e-02	17.4	0.4	5.16e-03	24.0	10.2
5124	ok	0.0	0.7	3.34e-03	12.7	12.7	12.7	12.7	7.5	4.6	6.2	114.7	42.1	71.9
5125	ok	0.0	0.2	1.83e-03	12.7	12.7	12.7	12.7	-8.58e-03	-4.7	-2.74e-03	-0.2	35.2	5.2
5126	ok	0.0	0.1	1.81e-03	12.7	12.7	12.7	12.7	0.2	17.2	0.3	-0.2	26.9	9.6
5127	ok	0.0	0.3	7.26e-03	12.7	12.7	12.7	12.7	-79.5	-4.6	-4.7	57.8	16.1	-42.7
5128	ok	0.0	0.7	1.92e-03	12.7	12.7	12.7	12.7	-4.2	-1.1	-2.3	-131.8	-52.5	-76.6
5129	ok	0.0	0.7	3.92e-04	12.7	12.7	12.7	12.7	1.7	5.6	-2.3	-21.0	-145.0	35.0
5130	ok	0.0	0.5	1.84e-03	12.7	12.7	12.7	12.7	6.1	17.7	8.7	-82.2	-31.1	-59.9
5131	ok	0.0	0.7	1.48e-03	12.7	12.7	12.7	12.7	1.7	5.2	3.3	-126.8	-64.9	-68.7
5132	ok	0.0	0.7	1.28e-04	12.7	12.7	12.7	12.7	4.3	30.9	-11.4	-60.2	-134.1	49.8
5133	ok	0.0	0.2	1.36e-03	12.7	12.7	12.7	12.7	-9.49e-02	8.3	0.4	-0.8	24.7	24.8
5134	ok	0.0	0.5	7.21e-03	12.7	12.7	12.7	12.7	-75.3	-2.3	1.3	77.1	4.5	-71.6
5135	ok	0.0	0.5	1.96e-03	12.7	12.7	12.7	12.7	-2.1	9.1	0.7	-94.1	23.7	-31.6
5136	ok	0.0	0.4	8.92e-03	12.7	12.7	12.7	12.7	20.9	0.7	7.44e-02	-77.9	-2.5	28.2
5137	ok	0.0	0.6	1.92e-03	12.7	12.7	12.7	12.7	1.0	4.1	2.8	-95.6	-41.9	-64.2
5138	ok	0.0	0.4	8.35e-03	12.7	12.7	12.7	12.7	28.2	1.2	-2.6	-80.2	-4.1	9.9
5139	ok	0.0	0.4	8.47e-03	12.7	12.7	12.7	12.7	60.5	-1.4	2.2	-68.1	-3.8	11.6
5140	ok	0.0	0.4	8.47e-03	12.7	12.7	12.7	12.7	31.6	3.5	-6.1	-66.6	-12.6	11.6
5141	ok	0.0	0.4	8.25e-03	12.7	12.7	12.7	12.7	27.0	2.9	-5.1	-80.3	-16.3	8.2
5142	ok	0.0	0.4	8.11e-03	12.7	12.7	12.7	12.7	25.0	2.2	-3.3	-87.0	-17.1	2.9
5143	ok	0.0	0.2	8.92e-03	12.7	12.7	12.7	12.7	-16.9	0.6	0.9	-38.6	-4.7	-4.9
5144	ok	0.0	0.2	7.98e-03	12.7	12.7	12.7	12.7	-24.4	-4.1	-5.5	17.2	25.0	18.1
5145	ok	0.0	0.3	8.44e-03	12.7	12.7	12.7	12.7	-16.2	0.2	0.9	-72.1	-3.9	-6.5
5146	ok	0.0	0.5	2.62e-03	12.7	12.7	12.7	12.7	5.9	1.8	2.8	82.1	30.3	53.0
5147	ok	0.0	0.9	2.68e-03	12.7	16.2	12.7	12.7	-0.4	-2.9	-8.1	190.8	95.4	52.8
5148	ok	0.0	0.4	1.33e-03	12.7	12.7	12.7	12.7	0.7	-6.4	-4.0	65.8	29.5	35.2
5149	ok	0.0	0.4	7.31e-03	12.7	12.7	12.7	12.7	22.1	4.0	0.9	-78.8	-12.8	24.1
5150	ok	0.0	0.3	8.03e-03	12.7	12.7	12.7	12.7	-13.2	1.4	1.9	-75.0	-9.7	-8.9
5151	ok	0.0	0.2	9.60e-03	12.7	12.7	12.7	12.7	-25.0	-1.4	-2.6	49.8	4.4	10.6
5152	ok	0.0	0.3	8.41e-03	12.7	12.7	12.7	12.7	-25.3	-5.7	-5.9	46.8	30.5	26.1
5153	ok	0.0	0.5	1.04e-02	12.7	12.7	12.7	12.7	12.8	-1.59e-02	0.2	120.7	-3.3	4.4
5154	ok	0.0	0.6	9.98e-03	12.7	12.7	12.7	12.7	-26.3	-9.8	-10.6	95.6	46.2	44.0
5155	ok	0.0	0.5	1.09e-02	12.7	12.7	12.7	12.7	-132.6	-2.7	-5.7	120.9	3.5	-1.7
5156	ok	0.0	0.5	1.10e-02	12.7	12.7	12.7	12.7	-128.5	-8.6	-6.5	122.7	45.1	-17.2
5157	ok	0.0	0.3	3.22e-03	12.7	12.7	12.7	12.7	-0.6	-0.3	-0.3	-43.5	-21.3	-32.0
5158	ok	0.0	0.4	1.06e-03	12.7	12.7	12.7	12.7	-0.4	-3.2	-1.0	55.4	46.4	41.3
5159	ok	0.0	0.8	2.29e-03	12.7	12.7	12.7	12.7	-10.0	-3.6	-6.0	-136.6	-45.4	-80.4
5160	ok	0.0	0.1	3.81e-03	12.7	12.7	12.7	12.7	-24.1	-5.6	-11.3	-7.7	-16.1	-12.2
5161	ok	0.0	0.5	1.00e-02	12.7	12.7	12.7	12.7	-105.5	1.2	-6.7	120.2	-4.7	-17.2
5162	ok	0.0	0.7	1.09e-02	12.7	12.7	12.7	12.7	15.5	0.3	-0.6	163.9	-3.7	4.0
5163	ok	0.0	0.8	1.04e-02	12.7	12.7	12.7	12.7	-111.1	33.5	-14.8	150.4	-59.9	47.8
5164	ok	0.0	0.4	1.17e-02	12.7	12.7	12.7	12.7	85.7	0.4	7.50e-02	-64.3	-2.7	10.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5165	ok	0.0	0.4	1.11e-02	12.7	12.7	12.7	12.7	80.6	-4.1	3.3	-65.0	-6.7	28.4
5166	ok	0.0	0.3	1.17e-02	12.7	12.7	12.7	12.7	97.5	-1.9	3.8	-53.9	-4.0	7.8
5167	ok	0.0	0.2	1.13e-02	12.7	12.7	12.7	12.7	-128.2	3.5	-5.8	74.2	3.4	6.33e-03
5168	ok	0.0	0.4	1.12e-02	12.7	12.7	12.7	12.7	94.0	4.0	-0.2	-57.5	-3.6	21.6
5169	ok	0.0	0.2	1.12e-02	12.7	12.7	12.7	12.7	-126.0	8.5	-7.9	71.5	27.8	-1.5
5170	ok	0.0	0.4	1.18e-02	12.7	12.7	12.7	12.7	-0.2	-3.92e-02	-3.18e-02	-71.7	1.2	9.4
5171	ok	0.0	0.4	1.16e-02	12.7	12.7	12.7	12.7	3.8	0.2	0.6	-71.8	-3.9	38.8
5172	ok	0.0	0.4	1.16e-02	12.7	12.7	12.7	12.7	-0.3	-1.60e-02	-6.18e-02	-69.0	1.2	10.2
5173	ok	0.0	0.4	1.13e-02	12.7	12.7	12.7	12.7	3.2	0.1	0.2	-69.4	-3.5	41.4
5174	ok	0.0	0.3	1.29e-02	12.7	12.7	12.7	12.7	-11.1	1.2	2.1	-50.1	-2.6	-13.5
5175	ok	0.0	0.3	1.19e-02	12.7	12.7	12.7	12.7	-67.2	-3.2	-3.9	-25.1	11.6	55.6
5176	ok	0.0	0.3	1.21e-02	12.7	12.7	12.7	12.7	49.0	0.4	1.5	-62.2	-1.8	-12.2
5177	ok	0.0	0.3	1.18e-02	12.7	12.7	12.7	12.7	4.7	0.6	1.3	-64.8	-2.4	36.3
5178	ok	0.0	0.2	1.38e-02	12.7	12.7	12.7	12.7	-11.6	2.97e-02	2.1	-35.7	-2.1	-13.8
5179	ok	0.0	0.4	2.30e-03	12.7	12.7	12.7	12.7	3.4	-17.3	-14.9	37.5	84.9	2.7
5180	ok	0.0	0.2	1.50e-03	12.7	12.7	12.7	12.7	-9.9	1.8	-4.1	29.2	39.7	0.3
5181	ok	0.0	0.1	3.25e-03	12.7	12.7	12.7	12.7	-15.0	-3.6	-7.0	14.6	-13.4	-13.8
5182	ok	0.0	0.3	8.43e-03	12.7	12.7	12.7	12.7	-85.9	-1.2	-0.9	57.3	5.6	-24.1
5183	ok	0.0	0.2	1.24e-02	12.7	12.7	12.7	12.7	-69.3	-3.8	-8.6	-9.5	16.8	60.2
5184	ok	0.0	0.2	1.42e-02	12.7	12.7	12.7	12.7	71.3	0.9	4.0	-27.5	4.3	-20.3
5185	ok	0.0	0.3	1.35e-02	12.7	12.7	12.7	12.7	-74.8	6.1	-2.5	15.3	-5.9	60.4
5186	ok	0.0	0.3	1.46e-02	12.7	12.7	12.7	12.7	75.2	-0.8	0.3	-30.4	-1.5	-20.1
5187	ok	0.0	0.7	2.32e-03	12.7	12.7	12.7	12.7	-1.9	-2.6	-25.4	168.3	142.3	24.0
5188	ok	0.0	0.4	2.53e-03	12.7	12.7	12.7	12.7	7.3	2.6	4.4	-74.3	-29.6	-48.3
5189	ok	0.0	0.2	3.90e-03	12.7	12.7	12.7	12.7	-26.5	-5.7	-12.4	-25.1	-19.8	-16.9
5190	ok	0.0	0.6	8.38e-03	12.7	12.7	12.7	12.7	-49.7	28.5	-5.3	102.4	-82.6	-67.0
5191	ok	0.0	0.4	1.38e-02	12.7	12.7	12.7	12.7	-73.2	3.50e-02	-4.7	8.4	-66.5	62.8
5192	ok	0.0	0.3	1.47e-02	12.7	12.7	12.7	12.7	78.5	1.2	0.9	-36.3	0.3	-17.2
5193	ok	0.0	0.3	1.42e-02	12.7	12.7	12.7	12.7	-102.6	13.4	-15.8	28.7	12.8	43.6
5194	ok	0.0	0.7	1.00e-03	12.7	12.7	12.7	12.7	6.1	16.6	6.6	-125.3	-117.1	-31.5
5195	ok	0.0	0.3	1.67e-03	12.7	12.7	12.7	12.7	-13.7	1.2	-3.6	15.6	57.9	-0.1
5196	ok	0.0	0.2	1.45e-03	12.7	12.7	12.7	12.7	2.2	-1.6	-3.9	-23.4	25.1	-12.1
5197	ok	0.0	0.7	2.10e-03	12.7	12.7	12.7	12.7	-9.7	-3.4	-5.7	-133.0	-41.6	-76.4
5198	ok	0.0	0.1	3.57e-03	12.7	12.7	12.7	12.7	-12.8	-4.3	-7.5	0.4	-4.4	-3.6
5199	ok	0.0	0.3	7.67e-04	12.7	12.7	12.7	12.7	0.1	-3.4	-1.6	2.2	-61.4	24.7
5200	ok	0.0	1.0	4.25e-03	12.7	16.2	28.4	28.8	50.1	49.3	1.0	134.8	388.2	-120.6
5201	ok	0.0	0.6	8.84e-03	12.7	12.7	12.7	12.7	4.4	154.9	-5.8	3.3	114.3	15.1
5202	ok	0.0	0.3	8.22e-03	12.7	12.7	12.7	12.7	24.2	1.1	1.86e-02	-66.8	-3.9	18.4
5203	ok	0.0	0.2	1.40e-03	12.7	12.7	12.7	12.7	-10.0	-4.8	-3.8	-39.2	34.3	-9.3
5204	ok	0.0	0.3	1.33e-03	12.7	12.7	12.7	12.7	2.0	-0.7	-2.9	-57.3	13.0	-17.4
5205	ok	0.0	0.3	1.37e-03	12.7	12.7	12.7	12.7	-8.4	-3.9	-4.9	-70.3	-5.8	-29.2
5206	ok	0.0	0.5	2.37e-03	12.7	12.7	12.7	12.7	8.9	8.4	17.4	103.1	47.7	40.1
5207	ok	0.0	0.9	1.86e-02	12.7	12.9	12.7	12.7	182.4	-23.0	-44.4	173.9	19.6	-23.0
5208	ok	0.0	0.3	2.01e-03	12.7	12.7	12.7	12.7	-1.2	12.2	2.5	-66.3	42.2	-7.3
5209	ok	0.0	0.2	3.41e-04	12.7	12.7	12.7	12.7	1.7	-1.9	0.5	18.1	18.6	19.4
5210	ok	0.0	1.0	4.94e-03	12.7	22.5	16.5	18.5	16.1	1.5	-5.6	257.9	246.3	-83.6
5211	ok	0.0	0.4	1.16e-03	12.7	12.7	12.7	12.7	-5.3	-5.4	-3.4	-81.5	-4.3	-11.4
5212	ok	0.0	0.4	1.13e-03	12.7	12.7	12.7	12.7	-6.3	-4.9	-4.2	-87.3	-11.2	-27.5
5213	ok	0.0	0.5	1.29e-03	12.7	12.7	12.7	12.7	-7.5	-4.5	-5.2	-96.2	-18.0	-38.4
5214	ok	0.0	0.2	3.91e-03	12.7	12.7	12.7	12.7	14.2	5.7	7.9	-15.1	-8.8	-13.9
5215	ok	0.0	0.6	3.29e-03	12.7	12.7	12.7	12.7	12.6	5.2	8.0	107.7	35.9	64.6
5216	ok	0.0	0.7	1.22e-03	12.7	12.7	12.7	12.7	5.0	15.1	7.6	-120.1	-97.1	-52.8
5217	ok	0.0	0.7	6.82e-03	12.7	12.7	12.7	12.7	-78.1	-2.4	-1.7	149.8	14.1	-77.2
5218	ok	0.0	0.3	9.89e-03	12.7	12.7	12.7	12.7	-113.4	-2.1	-3.5	98.5	2.7	-21.3
5219	ok	0.0	0.5	1.15e-03	12.7	12.7	12.7	12.7	6.0	4.9	2.7	-123.1	-55.2	-15.7
5220	ok	0.0	0.6	1.20e-03	12.7	12.7	12.7	12.7	4.2	3.3	2.0	-128.5	-50.6	-32.0
5221	ok	0.0	0.6	1.27e-03	12.7	12.7	12.7	12.7	1.9	1.7	0.9	-133.3	-47.9	-45.8
5222	ok	0.0	0.7	1.34e-03	12.7	12.7	12.7	12.7	-0.9	-1.23e-02	-0.7	-137.9	-45.7	-57.4
5223	ok	0.0	0.4	2.81e-03	12.7	12.7	12.7	12.7	3.9	1.4	2.3	-64.6	-30.9	-46.5
5224	ok	0.0	0.2	7.71e-04	12.7	12.7	12.7	12.7	-3.1	0.4	0.3	18.7	35.2	26.8
5225	ok	0.0	0.6	2.66e-03	12.7	12.7	12.7	12.7	23.2	9.8	15.2	94.7	26.2	53.0
5226	ok	0.0	0.3	8.87e-04	12.7	12.7	12.7	12.7	0.5	-0.4	-3.0	-4.3	-45.6	29.6
5227	ok	0.0	0.5	1.14e-03	12.7	12.7	12.7	12.7	-4.7	-5.1	-3.7	-104.6	-31.1	-15.5
5228	ok	0.0	0.5	1.27e-04	12.7	12.7	12.7	12.7	-0.4	4.9	-2.6	-6.4	-107.7	20.0
5229	ok	0.0	0.6	6.45e-04	12.7	12.7	12.7	12.7	0.4	10.8	-2.2	-4.6	-137.6	25.7
5230	ok	0.0	0.4	3.61e-03	12.7	12.7	12.7	12.7	6.8	60.4	-14.9	5.7	71.9	-18.8
5231	ok	0.0	0.6	1.21e-03	12.7	12.7	12.7	12.7	0.5	12.9	-2.6	-4.4	-133.4	25.0
5232	ok	0.0	0.5	2.10e-03	12.7	12.7	12.7	12.7	2.7	57.4	-5.9	7.8	100.0	-23.8
5233	ok	0.0	0.5	1.38e-03	12.7	12.7	12.7	12.7	0.6	14.1	-2.8	-3.7	-113.6	21.0
5234	ok	0.0	0.3	1.85e-03	12.7	12.7	12.7	12.7	-1.9	-12.0	3.9	-0.8	-72.0	6.3
5235	ok	0.0	0.8	7.18e-03	12.7	12.7	12.7	13.8	53.5	100.6	-35.2	7.4	139.5	-42.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5236	ok	0.0	0.6	1.03e-03	12.7	12.7	12.7	12.7	0.5	12.0	-2.4	-4.8	-144.1	27.0
5517	ok	0.0	0.5	5.85e-03	12.7	12.7	12.7	12.7	7.4	29.6	-31.3	63.3	49.9	-53.5
5524	ok	0.0	0.4	5.46e-03	12.7	12.7	12.7	12.7	6.3	29.2	-30.7	50.9	27.3	-45.3
5525	ok	0.0	0.2	4.93e-03	12.7	12.7	12.7	12.7	-32.7	23.0	17.0	53.7	-17.9	-15.7
5543	ok	0.0	0.3	4.78e-03	12.7	12.7	12.7	12.7	-40.9	-1.6	-2.1	39.5	-49.3	13.1
5547	ok	0.0	0.6	5.62e-03	12.7	12.7	12.7	12.7	10.3	0.4	-27.6	91.9	41.2	-45.2
5548	ok	0.0	0.5	5.36e-03	12.7	12.7	12.7	12.7	-31.7	16.0	16.7	111.9	21.9	-20.0
5549	ok	0.0	0.4	4.17e-03	12.7	12.7	12.7	12.7	-28.0	-4.0	-1.8	84.0	31.1	24.8
5934	ok	0.0	0.3	3.38e-03	12.7	12.7	12.7	12.7	-14.9	4.2	-3.5	10.9	41.6	50.9
6120	ok	0.0	0.4	5.20e-03	12.7	12.7	12.7	12.7	7.7	0.5	-27.1	68.3	10.9	-32.9
6132	ok	0.0	0.3	4.96e-03	12.7	12.7	12.7	12.7	-32.1	18.9	16.1	78.5	-14.6	-11.6
6401	ok	0.0	0.3	2.22e-03	12.7	12.7	12.7	12.7	28.4	9.8	-6.4	-11.8	-63.5	-22.5
6402	ok	0.0	0.3	2.10e-03	12.7	12.7	12.7	12.7	6.1	-8.9	-14.3	34.7	-50.2	17.0
6403	ok	0.0	0.3	1.84e-03	12.7	12.7	12.7	12.7	6.1	-10.1	-13.8	40.3	-49.9	28.7
6405	ok	0.0	0.3	1.64e-03	12.7	12.7	12.7	12.7	6.1	-9.0	-14.0	43.3	-55.8	33.6
6406	ok	0.0	0.4	1.28e-03	12.7	12.7	12.7	12.7	-4.1	-0.5	1.6	46.7	-61.2	34.9
6414	ok	0.0	0.4	2.04e-03	12.7	12.7	12.7	12.7	29.1	8.3	-3.6	-32.8	-69.0	-33.7
6417	ok	0.0	0.3	2.05e-03	12.7	12.7	12.7	12.7	30.6	7.7	-5.4	-26.5	-65.5	-24.2
6420	ok	0.0	0.3	1.99e-03	12.7	12.7	12.7	12.7	32.3	7.5	-7.8	-20.2	-59.8	-11.9
6421	ok	0.0	0.3	1.76e-03	12.7	12.7	12.7	12.7	6.9	-8.3	-13.4	29.3	-44.0	29.2
6423	ok	0.0	0.3	1.82e-03	12.7	12.7	12.7	12.7	7.0	-8.4	-13.7	39.4	-42.6	39.5
6424	ok	0.0	0.4	2.04e-03	12.7	12.7	12.7	12.7	7.6	-3.7	-14.5	45.7	-71.6	36.3
6426	ok	0.0	0.6	3.39e-03	12.7	12.7	12.7	12.7	2.9	24.0	2.9	61.5	136.3	16.0
6429	ok	0.0	0.4	2.02e-03	12.7	12.7	12.7	12.7	29.4	7.0	-1.9	-41.3	-69.2	-35.3
6431	ok	0.0	0.4	1.88e-03	12.7	12.7	12.7	12.7	31.8	5.8	-3.2	-38.2	-64.7	-27.7
6432	ok	0.0	0.3	1.85e-03	12.7	12.7	12.7	12.7	13.8	-0.3	-6.0	-40.4	-42.5	-27.6
6439	ok	0.0	0.3	1.99e-03	12.7	12.7	12.7	12.7	17.3	1.2	-6.8	-42.2	-35.8	-19.8
6441	ok	0.0	0.3	2.20e-03	12.7	12.7	12.7	12.7	8.1	-9.6	-12.6	31.2	-33.6	35.0
6443	ok	0.0	0.4	2.45e-03	12.7	12.7	12.7	12.7	-8.7	4.7	5.0	65.7	48.2	28.6
6444	ok	0.0	0.6	3.70e-03	12.7	12.7	12.7	12.7	-5.0	7.9	9.6	88.9	127.1	-15.9
6461	ok	0.0	0.3	1.13e-03	12.7	12.7	12.7	12.7	-2.9	0.3	2.5	55.0	46.7	28.5
6463	ok	0.0	0.5	1.54e-03	12.7	12.7	12.7	12.7	-0.9	-1.3	-1.9	89.9	53.5	47.5
6465	ok	0.0	0.5	1.00e-03	12.7	12.7	12.7	12.7	-1.8	7.3	-3.1	10.1	107.0	20.2
6466	ok	0.0	0.2	1.08e-03	12.7	12.7	12.7	12.7	-5.93e-02	16.7	4.2	6.7	19.8	32.4
6469	ok	0.0	0.2	1.01e-03	12.7	12.7	12.7	12.7	-8.40e-02	16.1	4.0	11.2	20.6	26.3
6470	ok	0.0	0.2	9.22e-04	12.7	12.7	12.7	12.7	0.3	-5.5	-6.0	2.3	-44.5	28.2
6472	ok	0.0	0.3	2.41e-03	12.7	12.7	12.7	12.7	26.6	11.6	-4.4	-10.0	-56.9	-34.8
6473	ok	0.0	0.3	2.43e-03	12.7	12.7	12.7	12.7	17.8	8.0	-5.9	14.0	-55.1	-20.1
6475	ok	0.0	0.2	2.27e-03	12.7	12.7	12.7	12.7	6.0	-10.0	-14.5	49.4	-45.7	15.1
6477	ok	0.0	0.2	1.35e-03	12.7	12.7	12.7	12.7	-8.69e-02	-3.4	-1.2	19.6	36.6	20.4
6479	ok	0.0	0.2	1.35e-03	12.7	12.7	12.7	12.7	-0.2	-3.6	-1.3	22.5	42.6	26.0
6480	ok	0.0	0.3	1.20e-03	12.7	12.7	12.7	12.7	-0.5	-2.4	-1.5	49.4	33.7	23.6
6482	ok	0.0	0.2	1.26e-03	12.7	12.7	12.7	12.7	0.6	-1.9	-2.1	4.9	34.1	19.4
6484	ok	0.0	0.3	8.41e-04	12.7	12.7	12.7	12.7	0.1	-4.7	-3.9	8.0	-54.9	26.1
6486	ok	0.0	0.4	1.29e-03	12.7	12.7	12.7	12.7	-0.8	-1.6	-1.6	79.5	32.4	31.6
6487	ok	0.0	0.3	1.15e-03	12.7	12.7	12.7	12.7	-0.6	-1.8	-1.4	70.6	24.7	19.3
6488	ok	0.0	0.3	1.07e-03	12.7	12.7	12.7	12.7	-0.2	-1.8	-1.4	63.8	24.1	8.2
6490	ok	0.0	0.2	1.14e-03	12.7	12.7	12.7	12.7	0.4	-2.4	-1.5	36.3	33.4	8.9
6491	ok	0.0	0.2	1.31e-03	12.7	12.7	12.7	12.7	0.4	-2.6	-1.5	9.6	34.6	15.9
6494	ok	0.0	0.2	1.16e-03	12.7	12.7	12.7	12.7	-0.1	-2.4	-1.4	43.6	30.8	14.7
6496	ok	0.0	0.3	1.16e-03	12.7	12.7	12.7	12.7	-0.3	11.8	2.85e-02	20.2	53.4	30.3
6498	ok	0.0	7.17e-02	4.36e-04	12.7	12.7	12.7	12.7	1.7	1.4	-2.5	-5.2	-4.0	11.6
6500	ok	0.0	8.43e-02	4.56e-04	12.7	12.7	12.7	12.7	2.8	0.9	-2.7	-5.4	-3.5	14.6
6502	ok	0.0	0.5	1.15e-03	12.7	12.7	12.7	12.7	1.3	-5.5	-0.7	13.7	107.4	38.2
6504	ok	0.0	0.6	4.54e-03	12.7	12.7	12.7	12.7	25.9	-19.1	7.0	140.3	101.0	4.2
6506	ok	0.0	0.5	3.45e-03	12.7	12.7	12.7	12.7	14.6	-2.7	-8.4	99.1	54.8	17.5
6508	ok	0.0	0.5	2.62e-03	12.7	12.7	12.7	12.7	13.2	2.8	-4.5	84.9	15.0	55.5
6510	ok	0.0	0.4	2.22e-03	12.7	12.7	12.7	12.7	12.1	1.4	-3.9	78.8	12.1	47.8
6512	ok	0.0	0.4	1.70e-03	12.7	12.7	12.7	12.7	-4.4	0.6	-0.5	67.4	15.0	38.5
6514	ok	0.0	0.3	1.58e-03	12.7	12.7	12.7	12.7	-4.4	0.8	0.2	53.6	16.7	35.4
6515	ok	0.0	0.3	1.36e-03	12.7	12.7	12.7	12.7	-4.1	0.6	0.6	41.5	17.1	35.2
6516	ok	0.0	0.3	1.16e-03	12.7	12.7	12.7	12.7	-3.7	0.4	1.0	32.7	15.6	35.7
6519	ok	0.0	0.2	1.04e-03	12.7	12.7	12.7	12.7	-3.3	0.2	1.1	27.4	12.6	35.5
6521	ok	0.0	0.3	1.16e-03	12.7	12.7	12.7	12.7	-3.0	0.1	1.9	38.1	31.4	37.5
6523	ok	0.0	0.4	1.69e-03	12.7	12.7	12.7	12.7	-3.3	0.1	2.4	54.1	52.8	43.0
6711	ok	0.0	0.6	2.33e-03	12.7	12.7	12.7	12.7	-3.1	0.1	2.7	83.6	81.6	49.7
6714	ok	0.0	1.0	3.82e-03	12.7	15.9	12.7	12.7	-20.3	-7.4	-11.9	226.0	155.1	74.3
6715	ok	0.0	0.3	1.35e-03	12.7	12.7	12.7	12.7	-4.0	0.4	5.49e-02	50.0	7.4	37.8
6723	ok	0.0	0.6	2.43e-03	12.7	12.7	12.7	12.7	-13.0	1.8	12.6	116.6	45.2	41.3
6724	ok	0.0	0.4	1.60e-03	12.7	12.7	12.7	12.7	9.3	0.4	-2.5	61.1	5.5	43.0
6727	ok	0.0	0.4	1.90e-03	12.7	12.7	12.7	12.7	10.7	1.0	-3.0	71.8	6.2	48.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6728	ok	0.0	0.5	2.29e-03	12.7	12.7	12.7	12.7	11.8	2.2	-4.0	79.3	10.4	52.8
6729	ok	0.0	0.5	2.44e-03	12.7	12.7	12.7	12.7	11.9	3.9	-5.7	85.3	20.4	54.4
6732	ok	0.0	0.3	1.01e-03	12.7	12.7	12.7	12.7	-0.2	-1.5	-1.3	79.9	18.4	2.0
6735	ok	0.0	0.3	1.02e-03	12.7	12.7	12.7	12.7	0.3	10.3	-1.3	66.7	31.0	-9.7
6736	ok	0.0	0.4	9.89e-04	12.7	12.7	12.7	12.7	-0.6	5.4	-4.1	10.3	88.6	13.2
6739	ok	0.0	0.3	1.06e-03	12.7	12.7	12.7	12.7	-0.5	11.0	-1.2	48.2	53.4	-9.2
6740	ok	0.0	1.0	4.03e-03	12.7	14.7	12.7	13.4	-39.1	-1.2	21.2	251.2	188.5	29.7
6743	ok	0.0	0.2	8.38e-04	12.7	12.7	12.7	12.7	-3.1	0.1	0.9	24.4	5.0	34.5
6744	ok	0.0	0.2	9.87e-04	12.7	12.7	12.7	12.7	-3.5	0.2	0.7	30.7	6.8	35.7
6747	ok	0.0	0.3	1.14e-03	12.7	12.7	12.7	12.7	-3.8	0.4	0.4	39.4	7.7	36.5
6751	ok	0.0	0.6	2.03e-03	12.7	12.7	12.7	12.7	-1.2	-1.1	-1.3	122.5	38.4	42.8
6752	ok	0.0	0.3	1.17e-03	12.7	12.7	12.7	12.7	0.6	-0.7	-4.8	20.0	38.8	37.8
6772	ok	0.0	7.30e-02	4.03e-04	12.7	12.7	12.7	12.7	1.7	1.1	-2.2	-6.1	-4.6	11.3
6775	ok	0.0	9.97e-02	4.51e-04	12.7	12.7	12.7	12.7	3.6	0.6	-2.4	-6.1	-3.8	17.8
6776	ok	0.0	0.1	4.54e-04	12.7	12.7	12.7	12.7	-1.9	-8.80e-03	1.0	10.3	-1.1	22.8
6779	ok	0.0	0.2	5.51e-04	12.7	12.7	12.7	12.7	-2.3	3.07e-02	1.0	14.8	0.3	27.6
6780	ok	0.0	0.3	1.12e-03	12.7	12.7	12.7	12.7	-0.5	0.5	-4.6	20.2	19.4	43.4
6783	ok	0.0	0.2	1.06e-03	12.7	12.7	12.7	12.7	2.1	12.7	-1.4	18.0	-5.2	46.6
6784	ok	0.0	0.2	5.92e-04	12.7	12.7	12.7	12.7	-2.3	3.61e-02	1.1	16.7	1.9	27.6
6787	ok	0.0	0.1	4.83e-04	12.7	12.7	12.7	12.7	-1.9	-1.11e-02	1.1	12.5	0.3	22.6
6788	ok	0.0	0.3	8.81e-04	12.7	12.7	12.7	12.7	0.6	-3.3	-6.2	10.2	-60.1	30.2
6791	ok	0.0	0.4	7.41e-04	12.7	12.7	12.7	12.7	0.7	-1.2	-4.9	14.8	-79.3	25.6
6792	ok	0.0	0.4	2.62e-03	12.7	12.7	12.7	12.7	-3.6	17.8	-2.0	52.4	94.1	5.5
6795	ok	0.0	0.9	2.51e-03	12.7	12.7	12.7	12.7	1.3	22.6	-2.9	131.3	150.6	58.8
6796	ok	0.0	0.9	2.23e-03	12.7	12.7	12.7	13.6	-0.4	15.0	-2.5	97.7	176.3	74.3
6799	ok	0.0	0.2	6.85e-04	12.7	12.7	12.7	12.7	-2.7	6.57e-02	0.9	19.0	2.4	31.5
6800	ok	0.0	8.73e-02	4.38e-04	12.7	12.7	12.7	12.7	2.7	0.7	-2.4	-6.7	-4.1	14.4
6803	ok	0.0	9.61e-02	4.50e-04	12.7	12.7	12.7	12.7	-1.5	-0.1	1.1	7.6	-0.4	17.7
6807	ok	0.0	0.9	2.72e-03	12.7	12.7	12.7	14.1	-18.9	9.1	-8.2	123.3	206.3	47.9
6808	ok	0.0	0.9	2.10e-03	12.7	12.7	12.7	12.7	0.9	-0.7	-3.6	106.0	148.2	75.6
6809	ok	0.0	0.7	1.61e-03	12.7	12.7	12.7	12.7	1.5	-0.5	-3.2	102.2	90.9	64.3
6811	ok	0.0	0.2	1.18e-03	12.7	12.7	12.7	12.7	0.9	-1.0	-3.7	10.2	36.0	28.9
6812	ok	0.0	0.2	6.59e-04	12.7	12.7	12.7	12.7	-2.4	4.75e-02	1.3	19.6	5.0	27.9
6813	ok	0.0	0.1	5.50e-04	12.7	12.7	12.7	12.7	-2.0	-8.25e-03	1.3	15.5	3.0	22.5
6815	ok	0.0	0.3	1.23e-03	12.7	12.7	12.7	12.7	-0.6	-2.4	-1.7	53.3	43.3	33.7
6816	ok	0.0	0.5	1.20e-03	12.7	12.7	12.7	12.7	1.5	-2.6	-2.8	52.4	94.6	53.9
6820	ok	0.0	0.3	9.69e-04	12.7	12.7	12.7	12.7	1.5	1.5	-5.8	32.2	69.0	8.9
6823	ok	0.0	7.96e-02	4.89e-04	12.7	12.7	12.7	12.7	-1.1	-0.4	1.2	5.1	2.4	13.2
6824	ok	0.0	0.4	1.25e-03	12.7	12.7	12.7	12.7	-0.3	-2.4	-2.1	56.0	63.4	45.6
6825	ok	0.0	6.95e-02	5.11e-04	12.7	12.7	12.7	12.7	1.9	2.0	-3.0	-4.1	-2.7	12.0
6827	ok	0.0	0.3	9.24e-04	12.7	12.7	12.7	12.7	-0.3	-2.8	2.8	9.3	68.2	8.7
6828	ok	0.0	0.2	1.26e-03	12.7	12.7	12.7	12.7	0.6	-1.4	-2.4	3.2	31.5	23.1
6831	ok	0.0	0.2	7.58e-04	12.7	12.7	12.7	12.7	-1.4	-0.7	3.0	24.7	46.9	8.1
6833	ok	0.0	0.1	6.31e-04	12.7	12.7	12.7	12.7	-1.4	-0.6	2.3	17.5	26.9	10.4
6861	ok	0.0	0.1	5.29e-04	12.7	12.7	12.7	12.7	-1.3	-0.5	1.7	10.8	12.3	12.1
6862	ok	0.0	8.02e-02	6.12e-04	12.7	12.7	12.7	12.7	-0.6	-1.0	1.4	3.1	12.3	10.4
6865	ok	0.0	0.6	2.96e-03	12.7	12.7	12.7	12.7	-0.4	-3.6	-9.1	122.0	105.5	34.7
6868	ok	0.0	0.3	1.19e-03	12.7	12.7	12.7	12.7	-0.6	11.1	2.85e-02	13.4	48.1	20.8
6872	ok	0.0	0.5	1.67e-03	12.7	12.7	12.7	12.7	-9.38e-02	-3.0	-11.4	77.8	111.6	10.7
6876	ok	0.0	0.8	3.97e-03	12.7	12.7	12.7	12.7	-8.9	-16.7	-32.4	156.0	182.5	31.8
6883	ok	0.0	0.1	7.25e-04	12.7	12.7	12.7	12.7	-0.6	-1.5	1.9	5.8	27.0	9.5
6884	ok	0.0	0.7	1.74e-03	12.7	12.7	12.7	12.7	-5.7	3.5	-10.0	83.5	153.7	14.2
6886	ok	0.0	0.2	1.22e-03	12.7	12.7	12.7	12.7	0.4	-0.6	-2.8	2.7	27.0	27.7
6909	ok	0.0	0.2	1.16e-03	12.7	12.7	12.7	12.7	0.5	-0.3	-3.9	10.2	29.0	34.1
6910	ok	0.0	0.4	1.09e-03	12.7	12.7	12.7	12.7	-0.7	-1.4	-1.4	91.7	13.4	13.8
6915	ok	0.0	0.2	1.15e-03	12.7	12.7	12.7	12.7	-0.4	17.1	4.2	3.9	22.7	31.2
6918	ok	0.0	0.2	7.41e-04	12.7	12.7	12.7	12.7	-2.7	7.78e-02	1.1	20.6	4.6	31.6
6959	ok	0.0	0.2	9.12e-04	12.7	12.7	12.7	12.7	-3.2	0.2	1.0	25.7	7.8	34.7
7004	ok	0.0	0.2	1.04e-03	12.7	12.7	12.7	12.7	-3.6	0.3	0.8	31.5	10.2	35.4
7005	ok	0.0	0.3	1.23e-03	12.7	12.7	12.7	12.7	-3.9	0.5	0.5	40.3	11.3	35.6
7006	ok	0.0	0.6	2.27e-03	12.7	12.7	12.7	12.7	-5.3	1.9	2.3	29.0	129.1	39.0
7007	ok	0.0	0.6	2.15e-03	12.7	12.7	12.7	12.7	-5.4	1.3	2.6	25.9	117.5	54.3
7008	ok	0.0	0.6	2.22e-03	12.7	12.7	12.7	12.7	-5.1	0.6	3.0	38.9	105.3	64.0
7009	ok	0.0	0.6	2.46e-03	12.7	12.7	12.7	12.7	-4.4	-1.07e-02	3.1	61.4	92.6	63.7
7011	ok	0.0	0.3	1.56e-03	12.7	12.7	12.7	12.7	-4.3	0.9	0.9	43.2	28.5	34.4
7012	ok	0.0	0.3	1.35e-03	12.7	12.7	12.7	12.7	-3.9	0.6	1.2	34.4	26.3	36.3
7013	ok	0.0	0.3	1.25e-03	12.7	12.7	12.7	12.7	-3.4	0.3	1.4	29.9	22.1	37.4
7014	ok	0.0	0.2	1.04e-03	12.7	12.7	12.7	12.7	-2.9	0.1	1.5	27.2	15.4	33.8
7015	ok	0.0	0.7	3.87e-03	12.7	12.7	12.7	12.7	-0.9	-0.8	-2.0	147.6	79.2	56.9
7016	ok	0.0	0.2	8.30e-04	12.7	12.7	12.7	12.7	-2.8	9.25e-02	1.2	22.9	8.2	32.3
7025	ok	0.0	0.3	1.82e-03	12.7	12.7	12.7	12.7	-4.8	1.3	1.4	43.8	54.6	33.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7213	ok	0.0	0.3	1.66e-03	12.7	12.7	12.7	12.7	-4.2	0.8	1.7	35.3	50.5	39.2
7215	ok	0.0	0.3	1.59e-03	12.7	12.7	12.7	12.7	-3.7	0.4	1.9	34.0	43.5	42.3
7231	ok	0.0	0.3	1.40e-03	12.7	12.7	12.7	12.7	-3.3	0.2	1.9	36.1	36.0	40.4
7233	ok	0.0	0.4	2.12e-03	12.7	12.7	12.7	12.7	-5.1	1.7	2.0	39.9	89.1	34.4
7237	ok	0.0	0.5	1.97e-03	12.7	12.7	12.7	12.7	-4.7	1.0	2.3	32.6	82.5	44.9
7296	ok	0.0	0.5	1.99e-03	12.7	12.7	12.7	12.7	-4.2	0.5	2.4	37.2	72.3	51.1
7317	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	-3.7	0.1	2.4	46.9	60.8	49.7
7322	ok	0.0	0.6	1.96e-03	12.7	12.7	12.7	12.7	-10.1	5.9	-1.3	-20.7	110.0	81.4
7327	ok	0.0	0.6	1.90e-03	12.7	12.7	12.7	12.7	-9.6	4.9	-0.4	-1.5	109.8	76.5
7376	ok	0.0	0.6	2.26e-03	12.7	12.7	12.7	12.7	-18.4	2.8	-1.5	41.4	123.4	56.9
7377	ok	0.0	0.7	2.36e-03	12.7	12.7	12.7	12.7	-25.8	0.6	-8.2	103.8	155.5	34.6
7378	ok	0.0	0.8	3.45e-03	12.7	12.7	12.7	12.7	-9.0	-12.6	-19.9	186.0	174.4	21.0
7380	ok	0.0	0.7	2.14e-03	12.7	12.7	12.7	12.7	-5.6	2.1	1.6	14.9	159.7	48.8
7382	ok	0.0	0.7	2.14e-03	12.7	12.7	12.7	12.7	-6.6	2.0	2.3	16.2	146.2	64.2
7384	ok	0.0	0.8	2.32e-03	12.7	12.7	12.7	12.7	-7.0	1.3	3.5	36.8	138.8	75.8
7418	ok	0.0	0.8	2.67e-03	12.7	12.7	12.7	12.7	-5.4	-0.4	4.3	79.9	131.1	81.3
7420	ok	0.0	0.7	3.92e-03	12.7	12.7	12.7	12.7	-4.4	6.88e-03	3.9	120.9	117.7	56.7
7421	ok	0.0	0.8	2.11e-03	12.7	12.7	12.7	12.7	-6.8	2.9	2.93e-02	0.8	171.3	62.4
7422	ok	0.0	0.8	2.30e-03	12.7	12.7	12.7	12.7	-8.4	3.2	1.3	6.3	160.2	72.0
7424	ok	0.0	0.8	2.74e-03	12.7	12.7	12.7	13.0	-9.8	3.0	2.9	32.3	163.6	79.3
7892	ok	0.0	0.9	2.99e-03	12.7	12.7	12.7	14.8	-13.8	2.8	6.3	82.9	186.6	87.9
8490	ok	0.0	1.0	4.65e-03	12.7	13.8	12.7	15.3	-4.5	-3.7	11.1	169.0	194.2	87.3
8491	ok	0.0	0.8	1.89e-03	12.7	12.7	12.7	12.7	-8.6	4.2	-1.3	-10.5	154.4	74.3
8492	ok	0.0	0.8	2.09e-03	12.7	12.7	12.7	12.7	-9.6	4.3	0.1	-3.27e-02	149.3	75.4
8493	ok	0.0	0.8	2.66e-03	12.7	12.7	12.7	12.7	-21.2	4.3	1.9	35.7	162.2	67.2
8494	ok	0.0	0.9	4.98e-03	12.7	12.7	12.7	14.3	-30.0	5.4	3.0	95.3	202.1	62.0
8495	ok	0.0	1.0	5.73e-03	12.7	15.3	12.7	19.6	-66.2	10.0	-14.7	244.2	294.5	54.4
8499	ok	0.0	0.4	1.76e-03	12.7	12.7	12.7	12.7	0.9	-2.2	-0.6	78.9	-55.4	44.7
8500	ok	0.0	0.5	1.72e-03	12.7	12.7	12.7	12.7	-0.3	-2.2	-1.7	111.3	-28.8	26.8
8501	ok	0.0	0.5	1.57e-03	12.7	12.7	12.7	12.7	-0.8	-1.8	-1.5	122.7	-7.0	20.8
8502	ok	0.0	0.5	1.56e-03	12.7	12.7	12.7	12.7	-1.0	-1.4	-1.4	105.1	18.3	26.5
8504	ok	0.0	0.5	1.65e-03	12.7	12.7	12.7	12.7	-14.0	3.4	1.6	5.5	53.5	71.5
8506	ok	0.0	0.5	1.90e-03	12.7	12.7	12.7	12.7	-11.8	-0.6	-1.2	52.4	61.9	52.7
8507	ok	0.0	0.5	1.95e-03	12.7	12.7	12.7	12.7	-9.0	-7.5	-5.6	108.4	72.3	33.0
8508	ok	0.0	0.7	3.34e-03	12.7	12.7	12.7	12.7	-11.9	-9.2	-6.4	156.7	74.2	40.5
8511	ok	0.0	0.4	1.86e-03	12.7	12.7	12.7	12.7	-5.1	-3.9	0.3	64.5	-1.8	50.4
8512	ok	0.0	0.5	1.86e-03	12.7	12.7	12.7	12.7	-4.0	-6.5	-2.0	106.7	13.1	33.3
8514	ok	0.0	0.6	2.34e-03	12.7	12.7	12.7	12.7	-1.4	-2.0	-1.4	130.7	22.2	33.3
8517	ok	0.0	0.4	1.43e-03	12.7	12.7	12.7	12.7	1.7	-3.1	-2.5	95.1	-73.8	27.8
8518	ok	0.0	0.5	1.62e-03	12.7	12.7	12.7	12.7	-5.69e-02	-2.0	-2.4	120.0	-41.3	11.9
8519	ok	0.0	0.5	1.23e-03	12.7	12.7	12.7	12.7	-0.6	-1.5	-1.8	120.1	-16.0	6.0
8520	ok	0.0	0.4	1.07e-03	12.7	12.7	12.7	12.7	-0.7	-1.4	-1.4	103.0	5.7	10.5
8524	ok	0.0	0.6	2.01e-03	12.7	12.7	12.7	12.7	-2.9	-1.6	-4.4	141.4	-29.1	-4.2
8525	ok	0.0	0.6	1.27e-03	12.7	12.7	12.7	12.7	-2.1	2.40e-02	-2.8	149.9	-7.5	-24.8
8526	ok	0.0	0.6	8.07e-04	12.7	12.7	12.7	12.7	1.5	10.2	-1.7	124.6	13.6	-28.0
8527	ok	0.0	0.4	9.29e-04	12.7	12.7	12.7	12.7	0.6	10.4	-1.7	90.2	26.2	-19.4
8528	ok	0.0	1.0	7.41e-03	27.1	22.5	36.6	44.4	-9.2	6.3	-18.8	193.2	559.6	219.4
8532	ok	0.0	0.5	1.55e-03	12.7	12.7	12.7	12.7	3.81e-02	-2.7	-4.2	115.5	-64.4	9.2
8533	ok	0.0	0.6	1.58e-03	12.7	12.7	12.7	12.7	-0.7	-1.3	-2.9	132.5	-34.2	-6.5
8534	ok	0.0	0.5	8.42e-04	12.7	12.7	12.7	12.7	-0.7	-0.9	-1.8	120.8	-9.0	-11.2
8535	ok	0.0	0.4	9.13e-04	12.7	12.7	12.7	12.7	-0.3	-1.2	-1.3	96.8	9.5	-4.7
8536	ok	0.0	0.7	4.50e-03	12.7	12.7	12.7	12.7	-40.2	-2.5	-1.2	49.4	155.0	46.9
8550	ok	0.0	1.0	5.15e-03	12.7	21.3	12.7	19.2	-29.0	1.45e-02	15.5	329.1	292.3	37.1
8551	ok	0.0	1.0	2.44e-03	12.7	17.9	12.7	16.7	9.4	5.2	10.7	210.3	193.8	-97.5
8553	ok	0.0	0.7	1.72e-03	12.7	12.7	12.7	12.7	-9.6	9.7	-6.8	113.8	156.8	-18.5
8554	ok	0.0	0.4	1.07e-03	12.7	12.7	12.7	12.7	-1.8	12.3	-1.6	64.9	99.9	-8.9
8557	ok	0.0	0.3	1.14e-03	12.7	12.7	12.7	12.7	-1.0	11.6	-0.6	31.5	66.4	7.0
8565	ok	0.0	0.5	3.48e-03	12.7	12.7	12.7	12.7	-12.4	15.6	37.7	14.4	22.2	43.0
8570	ok	0.0	0.6	5.58e-03	12.7	12.7	12.7	12.7	-9.8	-4.0	-3.3	132.1	44.2	43.6
9065	ok	0.0	0.9	5.07e-03	12.7	12.7	12.7	12.7	-6.1	0.5	-2.1	215.6	54.2	-13.4
9186	ok	0.0	0.9	1.90e-03	12.7	12.9	12.7	12.7	5.8	7.7	-3.3	189.6	70.7	-49.8
9188	ok	0.0	0.6	1.18e-03	12.7	12.7	12.7	12.7	-1.6	10.3	-4.5	123.2	81.2	-44.7
9189	ok	0.0	0.4	9.82e-04	12.7	12.7	12.7	12.7	-0.9	11.1	-2.3	77.8	67.7	-23.6
9190	ok	0.0	0.7	4.79e-03	12.7	12.7	12.7	12.7	-40.6	-3.3	-8.0	68.7	169.9	12.1
9191	ok	0.0	1.0	6.19e-03	12.7	13.3	12.7	16.6	-46.5	5.6	-8.1	232.1	295.5	-9.6
9193	ok	0.0	1.0	2.73e-03	12.7	12.7	12.7	15.8	-30.4	17.4	8.1	233.3	279.8	-9.1
9194	ok	0.0	0.7	1.76e-03	12.7	12.7	12.7	12.7	-4.4	13.2	-0.5	106.6	164.2	7.3
9196	ok	0.0	0.5	1.13e-03	12.7	12.7	12.7	12.7	-1.8	12.8	-0.6	58.1	105.2	12.3
9197	ok	0.0	0.3	1.16e-03	12.7	12.7	12.7	12.7	-0.9	11.8	-0.2	24.3	63.7	18.0
9198	ok	0.0	0.7	3.86e-03	12.7	12.7	12.7	12.7	-34.9	-9.8	-15.2	76.1	164.6	-20.6
9199	ok	0.0	1.0	6.36e-03	12.7	16.6	12.7	15.3	-12.2	-10.1	-16.0	240.6	217.9	-65.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9200	ok	0.0	1.0	5.68e-03	12.7	21.5	12.7	14.6	-10.6	-1.1	-13.2	344.3	196.1	51.4
9201	ok	0.0	1.0	3.20e-03	12.7	13.4	12.7	13.6	-1.9	9.9	5.1	200.2	191.6	49.5
9202	ok	0.0	0.7	1.35e-03	12.7	12.7	12.7	12.7	-6.6	14.7	6.4	104.2	148.1	32.5
9204	ok	0.0	0.5	1.19e-03	12.7	12.7	12.7	12.7	-0.7	12.9	1.80e-02	55.8	95.2	33.1
9205	ok	0.0	0.4	1.22e-03	12.7	12.7	12.7	12.7	-0.4	12.2	-4.56e-02	28.8	63.9	30.8
9206	ok	0.0	0.6	3.43e-03	12.7	12.7	12.7	12.7	-32.2	-9.3	-16.6	82.6	110.0	-38.0
9207	ok	0.0	0.9	5.41e-03	12.7	12.7	12.7	12.7	-20.6	-13.7	-15.4	188.8	119.7	-40.0
9208	ok	0.0	1.0	5.78e-03	12.7	13.5	12.7	12.7	-6.6	-3.7	-9.3	239.3	111.1	13.5
9209	ok	0.0	0.9	5.66e-03	12.7	13.2	12.7	12.7	-3.8	0.4	-10.0	184.9	106.4	54.2
9210	ok	0.0	0.7	1.76e-03	12.7	12.7	12.7	12.7	2.8	11.5	1.0	108.4	96.1	56.4
9212	ok	0.0	0.5	1.23e-03	12.7	12.7	12.7	12.7	1.2	12.5	-3.40e-02	55.6	72.5	46.7
9213	ok	0.0	0.4	1.17e-03	12.7	12.7	12.7	12.7	0.6	12.3	-0.1	28.6	50.7	41.0
9214	ok	0.0	0.1	4.70e-04	12.7	12.7	12.7	12.7	-1.6	-0.1	1.3	10.3	2.3	17.4
9216	ok	0.0	1.0	9.51e-03	14.3	36.4	37.2	44.4	8.0	19.3	9.9	378.4	510.6	264.8
9217	ok	0.0	0.6	2.65e-03	12.7	12.7	12.7	12.7	1.1	18.8	5.2	63.8	139.8	8.6
9218	ok	0.0	0.4	9.53e-04	12.7	12.7	12.7	12.7	-2.7	-6.7	2.9	45.3	-59.9	16.9
9219	ok	0.0	0.3	8.52e-04	12.7	12.7	12.7	12.7	1.3	-3.2	-7.8	14.1	-59.5	30.5
9221	ok	0.0	0.2	1.02e-03	12.7	12.7	12.7	12.7	0.4	-5.1	-6.8	9.4	-42.0	31.9
9292	ok	0.0	0.2	7.51e-04	12.7	12.7	12.7	12.7	-2.5	7.35e-02	1.6	25.9	12.6	28.6
9297	ok	0.0	0.2	6.86e-04	12.7	12.7	12.7	12.7	-2.2	1.69e-02	1.7	22.6	11.0	22.4
9445	ok	0.0	0.2	8.50e-04	12.7	12.7	12.7	12.7	-0.6	-2.1	2.4	8.1	46.0	8.7
9451	ok	0.0	0.1	5.81e-04	12.7	12.7	12.7	12.7	-1.8	-0.2	1.8	17.2	11.1	16.5
9515	ok	0.0	0.3	9.26e-04	12.7	12.7	12.7	12.7	-2.6	0.1	2.0	37.1	26.2	27.7
9556	ok	0.0	0.2	7.19e-04	12.7	12.7	12.7	12.7	-2.1	-3.28e-02	2.2	29.6	25.4	17.1
9635	ok	0.0	0.2	1.33e-03	12.7	12.7	12.7	12.7	0.1	-3.1	-1.2	15.6	34.6	16.6
9660	ok	0.0	0.4	3.08e-03	12.7	12.7	12.7	12.7	-21.3	-11.0	-10.7	76.4	43.7	-38.4
9675	ok	0.0	0.6	4.10e-03	12.7	12.7	12.7	12.7	-17.1	-11.1	-9.4	134.2	41.4	-21.6
9709	ok	0.0	0.7	4.01e-03	12.7	12.7	12.7	12.7	-13.7	-7.4	-7.6	161.1	37.7	19.1
9715	ok	0.0	0.6	2.83e-03	12.7	12.7	12.7	12.7	-4.3	0.3	-7.2	117.4	38.0	56.0
9727	ok	0.0	0.5	1.59e-03	12.7	12.7	12.7	12.7	-2.9	0.2	-7.4	88.8	40.3	56.7
9737	ok	0.0	0.4	1.27e-03	12.7	12.7	12.7	12.7	-1.5	0.1	-6.6	55.1	34.9	55.3
13081	ok	0.0	0.3	1.15e-03	12.7	12.7	12.7	12.7	-0.9	0.3	-5.5	33.3	25.5	48.5
13082	ok	0.0	0.3	2.79e-03	12.7	12.7	12.7	12.7	-10.1	-4.9	-6.5	50.7	-5.0	-33.4
13083	ok	0.0	0.4	3.35e-03	12.7	12.7	12.7	12.7	-8.5	-4.3	-5.9	86.7	-6.8	-17.0
13084	ok	0.0	0.4	3.26e-03	12.7	12.7	12.7	12.7	-14.1	-7.5	-5.2	108.6	-3.4	15.0
13100	ok	0.0	0.5	2.10e-03	12.7	12.7	12.7	12.7	-12.1	-5.0	-5.2	102.2	-0.5	38.7
13103	ok	0.0	0.4	2.05e-03	12.7	12.7	12.7	12.7	-9.2	-3.8	-5.8	71.8	2.4	50.8
13114	ok	0.0	0.4	1.38e-03	12.7	12.7	12.7	12.7	-3.4	0.9	-5.5	54.4	3.2	54.2
13121	ok	0.0	0.3	1.11e-03	12.7	12.7	12.7	12.7	-2.3	1.2	-4.9	36.1	2.8	50.3
13128	ok	0.0	0.3	2.64e-03	12.7	12.7	12.7	12.7	-9.3	-4.5	-5.2	32.3	-32.6	-27.4
13131	ok	0.0	0.3	2.74e-03	12.7	12.7	12.7	12.7	-8.2	-3.8	-4.8	56.1	-32.8	-11.4
13138	ok	0.0	0.3	2.51e-03	12.7	12.7	12.7	12.7	5.8	-12.1	-16.6	69.5	-32.3	12.8
13145	ok	0.0	0.3	1.97e-03	12.7	12.7	12.7	12.7	-6.6	-1.0	-4.3	70.8	-28.4	31.3
13152	ok	0.0	0.3	1.53e-03	12.7	12.7	12.7	12.7	4.9	-10.3	-12.3	57.0	-37.9	36.3
13159	ok	0.0	0.3	1.43e-03	12.7	12.7	12.7	12.7	-5.0	0.9	-4.6	51.8	-22.1	48.7
13166	ok	0.0	0.3	1.07e-03	12.7	12.7	12.7	12.7	-3.5	1.9	-3.8	40.7	-15.2	47.9
13173	ok	0.0	0.6	7.05e-03	12.7	12.7	12.7	12.7	-19.1	14.9	2.5	145.1	-19.5	-28.4
13180	ok	0.0	0.3	1.11e-03	12.7	12.7	12.7	12.7	-3.7	9.41e-02	-1.43e-02	45.8	0.9	42.8
13187	ok	0.0	0.6	4.01e-03	12.7	12.7	12.7	12.7	-15.9	-5.9	2.5	148.0	42.5	-15.5
13194	ok	0.0	0.4	1.33e-03	12.7	12.7	12.7	12.7	7.0	0.1	-1.1	55.3	0.5	48.1
13201	ok	0.0	0.4	1.53e-03	12.7	12.7	12.7	12.7	8.6	0.3	-1.6	66.0	1.1	51.4
13229	ok	0.0	0.4	1.80e-03	12.7	12.7	12.7	12.7	10.5	0.7	-2.6	76.0	3.4	53.1
13232	ok	0.0	0.5	2.30e-03	12.7	12.7	12.7	12.7	12.9	1.3	-4.8	87.0	8.0	50.8
13243	ok	0.0	0.2	7.22e-04	12.7	12.7	12.7	12.7	-3.0	3.27e-02	0.5	20.5	0.2	36.6
13250	ok	0.0	0.2	8.35e-04	12.7	12.7	12.7	12.7	-3.3	5.94e-02	0.4	27.6	0.9	38.8
13257	ok	0.0	0.3	9.59e-04	12.7	12.7	12.7	12.7	-3.6	8.70e-02	0.2	36.2	1.1	40.7
13264	ok	0.0	7.50e-02	3.53e-04	12.7	12.7	12.7	12.7	1.8	0.7	-1.7	-8.8	-4.0	10.3
13271	ok	0.0	0.1	5.03e-04	12.7	12.7	12.7	12.7	3.6	0.4	-1.8	-10.3	-3.5	17.1
13278	ok	0.0	0.1	5.57e-04	12.7	12.7	12.7	12.7	4.5	0.4	-1.8	-9.5	-3.2	20.5
13285	ok	0.0	0.1	6.05e-04	12.7	12.7	12.7	12.7	-2.1	6.80e-03	0.5	8.7	-1.4	29.2
13290	ok	0.0	0.2	6.57e-04	12.7	12.7	12.7	12.7	-2.5	1.51e-02	0.5	13.9	-0.7	33.2
13301	ok	0.0	9.37e-02	4.37e-04	12.7	12.7	12.7	12.7	2.7	0.4	-1.8	-10.4	-3.6	13.8
13308	ok	0.0	0.6	3.73e-03	12.7	12.7	12.7	12.7	-27.0	-0.2	-1.3	142.9	-7.0	-20.7
13315	ok	0.0	0.2	1.15e-03	12.7	12.7	12.7	12.7	-13.3	-0.4	0.1	57.7	2.8	-2.6
13318	ok	0.0	0.6	3.43e-03	12.7	12.7	12.7	12.7	-25.3	-1.9	1.1	138.2	1.8	-17.2
13325	ok	0.0	0.3	1.29e-03	12.7	12.7	12.7	12.7	-12.7	-0.5	-0.3	71.1	3.8	-4.9
13332	ok	0.0	0.3	1.48e-03	12.7	12.7	12.7	12.7	-13.2	-0.8	0.4	85.9	3.7	-8.1
13343	ok	0.0	0.4	1.85e-03	12.7	12.7	12.7	12.7	-15.6	-1.8	1.5	100.9	4.0	-12.6
13350	ok	0.0	0.5	2.58e-03	12.7	12.7	12.7	12.7	-20.8	-2.7	1.9	119.8	7.0	-16.4
13357	ok	0.0	0.1	1.03e-03	12.7	12.7	12.7	12.7	-9.3	-0.3	1.0	29.9	1.0	2.7
13364	ok	0.0	0.1	1.07e-03	12.7	12.7	12.7	12.7	-10.0	-0.3	1.1	37.5	1.1	2.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13371	ok	0.0	0.2	1.09e-03	12.7	12.7	12.7	12.7	-10.8	-0.3	1.1	46.2	1.3	2.5
13378	ok	0.0	4.69e-02	2.44e-04	12.7	12.7	12.7	12.7	-1.0	0.3	-0.2	-9.6	-0.3	4.0
13385	ok	0.0	6.52e-02	6.18e-04	12.7	12.7	12.7	12.7	5.1	0.3	-0.9	-11.6	-6.19e-02	6.4
13392	ok	0.0	6.67e-02	7.73e-04	12.7	12.7	12.7	12.7	6.2	0.2	-0.9	-10.8	-6.32e-02	7.4
13399	ok	0.0	6.65e-02	8.93e-04	12.7	12.7	12.7	12.7	-7.9	-0.2	1.0	17.0	1.0	2.2
13406	ok	0.0	8.89e-02	9.67e-04	12.7	12.7	12.7	12.7	-8.6	-0.2	1.0	22.9	1.0	2.5
13413	ok	0.0	6.06e-02	4.38e-04	12.7	12.7	12.7	12.7	3.7	0.3	-0.9	-11.5	-5.34e-02	5.3
15256	ok	0.0	0.5	1.03e-03	12.7	12.7	12.7	12.7	-2.2	8.4	-1.2	11.8	112.6	30.7
15257	ok	0.0	0.3	8.60e-04	12.7	12.7	12.7	12.7	-2.2	0.1	2.9	42.9	45.7	14.7
15258	ok	0.0	0.6	1.53e-03	12.7	12.7	12.7	12.7	-4.3	7.3	1.7	50.4	124.8	49.3
15259	ok	0.0	0.4	1.03e-03	12.7	12.7	12.7	12.7	-0.8	3.0	-6.8	37.9	101.0	8.6
15261	ok	0.0	0.6	1.11e-03	12.7	12.7	12.7	12.7	-5.7	6.3	-6.7	42.8	134.4	18.9
15264	ok	0.0	0.6	1.46e-03	12.7	12.7	12.7	12.7	-6.2	8.2	-2.6	43.1	141.7	35.4
15266	ok	0.0	0.2	1.16e-03	12.7	12.7	12.7	12.7	-0.7	10.8	-0.2	16.6	49.3	13.4
15267	ok	0.0	0.4	1.77e-03	12.7	12.7	12.7	12.7	-3.0	0.7	3.1	80.9	73.6	27.4
15269	ok	0.0	0.3	1.10e-03	12.7	12.7	12.7	12.7	3.2	-0.7	-6.2	58.4	69.1	15.7
15271	ok	0.0	0.3	1.90e-03	12.7	12.7	12.7	12.7	5.8	-10.8	-14.9	52.2	-46.2	27.4
15272	ok	0.0	0.3	1.57e-03	12.7	12.7	12.7	12.7	5.4	-8.5	-13.6	47.5	-57.2	34.5
15274	ok	0.0	0.2	1.13e-03	12.7	12.7	12.7	12.7	1.1	-2.3	-1.9	26.1	41.2	7.9
15275	ok	0.0	0.3	1.36e-03	12.7	12.7	12.7	12.7	3.8	-6.9	-11.4	39.7	-54.9	36.1
15276	ok	0.0	0.3	1.01e-03	12.7	12.7	12.7	12.7	-2.4	-4.2	1.0	38.8	-47.2	27.8
15277	ok	0.0	0.3	1.34e-03	12.7	12.7	12.7	12.7	-0.3	-3.9	-1.5	23.8	52.6	32.1
15278	ok	0.0	0.4	1.24e-03	12.7	12.7	12.7	12.7	0.5	-5.0	-1.5	19.0	89.2	41.3
15284	ok	0.0	0.4	1.31e-03	12.7	12.7	12.7	12.7	-1.51e-02	-4.4	-1.6	22.7	69.4	38.3
15292	ok	0.0	0.9	9.96e-03	12.7	13.5	12.7	12.7	68.6	53.5	8.2	147.3	135.6	35.2
15306	ok	0.0	0.4	2.22e-03	12.7	12.7	12.7	12.7	28.0	9.9	-4.5	-22.2	-65.5	-33.4
15309	ok	0.0	0.8	4.33e-03	12.7	12.7	12.7	12.7	6.8	-14.1	3.7	79.5	131.9	54.2
15344	ok	0.0	0.9	5.82e-03	27.8	37.6	12.7	24.0	-17.7	-6.1	10.0	551.4	171.7	119.7
15345	ok	0.0	0.9	4.72e-03	12.7	16.8	12.7	12.7	3.4	-9.1	-23.9	175.7	113.5	88.9
15346	ok	0.0	0.6	2.31e-03	12.7	12.7	12.7	12.7	-11.0	5.6	-3.4	-8.7	115.9	77.2
15347	ok	0.0	0.6	2.55e-03	12.7	12.7	12.7	12.7	-5.0	2.4	2.4	51.4	141.3	20.0
15348	ok	0.0	0.7	6.67e-03	12.7	12.7	12.7	12.7	-27.7	-2.3	-1.4	89.0	104.2	69.6
15349	ok	0.0	0.6	6.15e-03	12.7	12.7	12.7	12.7	-40.5	-1.0	-9.0	66.6	96.1	-43.9
15350	ok	0.0	0.8	2.00e-03	12.7	12.7	12.7	13.1	-7.7	3.6	-3.3	7.1	171.3	70.8
15351	ok	0.0	0.8	2.50e-03	12.7	12.7	12.7	13.4	8.2	7.5	-6.6	21.8	197.0	51.7
15352	ok	0.0	0.8	2.37e-03	12.7	12.7	12.7	12.7	8.6	5.8	-9.1	39.1	182.1	27.3
15353	ok	0.0	0.6	2.54e-03	12.7	12.7	12.7	12.7	13.3	1.5	-11.6	115.7	142.5	0.8
15355	ok	0.0	0.8	3.58e-03	12.7	12.7	12.7	12.7	16.5	1.0	-11.5	175.0	130.1	14.3
15356	ok	0.0	0.9	4.92e-03	12.7	13.0	12.7	12.7	-12.2	4.3	-2.9	191.8	120.6	53.5
15357	ok	0.0	0.9	6.47e-03	12.7	12.7	12.7	12.7	-11.9	1.3	-2.9	159.6	123.3	76.4
15358	ok	0.0	0.7	6.83e-03	12.7	12.7	12.7	12.7	-35.9	-1.3	-0.7	82.5	151.1	45.9
15359	ok	0.0	0.7	6.72e-03	12.7	12.7	12.7	12.7	-41.1	2.0	-5.1	72.0	165.9	11.0
15510	ok	0.0	0.7	6.49e-03	12.7	12.7	12.7	12.7	-42.7	-2.4	-10.3	71.1	151.7	-20.3
15512	ok	0.0	0.8	5.86e-03	12.7	12.7	12.7	12.7	-36.6	-6.9	-10.9	126.5	106.8	-43.6
15513	ok	0.0	0.8	5.92e-03	12.7	12.7	12.7	12.7	-17.5	-2.4	-7.7	171.4	104.9	-18.0
15514	ok	0.0	0.7	4.27e-03	12.7	12.7	12.7	12.7	11.6	-20.2	-27.7	110.4	132.4	32.1
15518	ok	0.0	0.7	2.70e-03	12.7	12.7	12.7	12.7	-12.1	4.0	-4.9	45.9	114.6	66.7
15521	ok	0.0	0.9	7.12e-03	12.7	12.7	12.7	14.4	-37.1	-0.3	3.7	151.5	195.7	66.1
15523	ok	0.0	1.0	6.43e-03	12.7	18.2	12.7	15.4	-15.4	7.2	-1.5	274.6	209.4	64.5
15524	ok	0.0	1.0	3.99e-03	12.7	14.5	12.7	14.9	15.4	-9.6	-24.3	236.6	251.0	-22.7
15525	ok	0.0	1.0	3.41e-03	12.7	12.7	12.7	12.8	2.5	10.8	-14.0	107.1	227.3	-2.2
15526	ok	0.0	0.9	6.64e-03	12.7	12.7	12.7	16.3	-53.4	-2.4	-11.8	157.4	270.8	31.7
15530	ok	0.0	1.0	4.60e-03	12.7	18.5	12.7	26.7	-38.4	32.0	-32.3	316.6	373.7	31.2
15531	ok	0.0	0.9	4.21e-03	12.7	12.7	12.7	16.3	2.8	10.2	-7.2	90.6	260.5	39.1
15533	ok	0.0	0.9	6.47e-03	12.7	12.7	12.7	12.8	-40.8	-1.1	-14.2	132.3	194.5	-41.4
15534	ok	0.0	1.0	6.26e-03	12.7	15.4	12.7	13.6	-13.9	-6.8	-13.9	267.1	229.6	-18.7
15535	ok	0.0	1.0	4.59e-03	12.7	15.8	12.7	16.3	17.7	2.5	-1.1	199.6	224.4	71.6
15536	ok	0.0	0.9	3.20e-03	12.7	12.7	12.7	16.3	5.4	12.3	-2.6	74.6	209.4	73.0
15537	ok	0.0	0.3	1.45e-03	12.7	12.7	12.7	12.7	-4.2	0.6	9.49e-02	51.6	10.9	36.5
15538	ok	0.0	0.7	2.51e-03	12.7	12.7	12.7	12.7	-16.4	2.8	19.8	135.5	69.7	40.6
15540	ok	0.0	0.4	2.21e-03	12.7	12.7	12.7	12.7	-5.8	2.6	1.7	61.1	92.1	22.6
15541	ok	0.0	0.4	2.04e-03	12.7	12.7	12.7	12.7	-5.4	1.9	0.8	60.9	54.5	28.4
15542	ok	0.0	0.3	1.78e-03	12.7	12.7	12.7	12.7	-4.7	1.2	0.3	56.8	27.9	33.3
15544	ok	0.0	0.4	1.64e-03	12.7	12.7	12.7	12.7	9.9	0.5	-2.9	63.6	8.1	41.9
15546	ok	0.0	0.4	2.10e-03	12.7	12.7	12.7	12.7	11.3	1.3	-3.3	74.6	8.2	47.9
15547	ok	0.0	0.5	2.44e-03	12.7	12.7	12.7	12.7	12.3	2.5	-4.1	81.5	12.1	53.8
15548	ok	0.0	0.5	2.75e-03	12.7	12.7	12.7	12.7	12.9	-1.5	-2.5	101.4	51.0	14.1
15549	ok	0.0	0.7	8.83e-03	12.7	12.7	12.7	12.7	21.5	-17.0	-40.7	152.0	88.9	26.9
15550	ok	0.0	0.6	5.91e-03	12.7	12.7	12.7	12.7	18.2	-15.9	-38.0	137.3	77.8	33.3
15553	ok	0.0	0.6	6.45e-03	12.7	12.7	12.7	12.7	-21.9	-4.0	-3.3	95.3	64.8	72.9
15555	ok	0.0	0.6	3.82e-03	12.7	12.7	12.7	12.7	15.2	-5.0	-24.9	119.5	57.4	26.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15556	ok	0.0	0.5	3.05e-03	12.7	12.7	12.7	12.7	-3.8	-0.6	-2.8	92.2	23.9	55.0
15557	ok	0.0	0.5	2.48e-03	12.7	12.7	12.7	12.7	-4.7	0.6	-1.6	86.7	23.0	43.9
15558	ok	0.0	0.4	1.87e-03	12.7	12.7	12.7	12.7	-5.0	1.1	-0.5	73.1	25.4	35.9
15560	ok	0.0	0.6	4.22e-03	12.7	12.7	12.7	12.7	11.9	-0.4	-27.8	117.2	65.2	32.2
15561	ok	0.0	0.6	3.64e-03	12.7	12.7	12.7	12.7	-6.3	0.7	-3.6	111.2	41.5	56.0
15562	ok	0.0	0.5	2.83e-03	12.7	12.7	12.7	12.7	-6.4	1.9	-1.9	105.1	44.1	39.5
15563	ok	0.0	0.4	2.38e-03	12.7	12.7	12.7	12.7	-6.1	2.3	-0.3	84.5	50.1	29.2
15564	ok	0.0	0.7	5.41e-03	12.7	12.7	12.7	12.7	-9.8	0.3	-4.6	112.7	66.7	73.1
15565	ok	0.0	0.7	4.29e-03	12.7	12.7	12.7	12.7	-9.1	2.2	-3.4	142.2	71.4	55.6
15566	ok	0.0	0.6	3.09e-03	12.7	12.7	12.7	12.7	-8.5	4.0	-1.3	132.7	77.7	29.7
15569	ok	0.0	0.5	2.62e-03	12.7	12.7	12.7	12.7	-7.2	3.8	0.7	97.8	86.6	17.8
15571	ok	0.0	0.3	5.26e-03	12.7	12.7	12.7	12.7	-33.5	39.6	16.2	41.6	-1.6	-31.6
17529	ok	0.0	1.0	6.75e-03	17.4	28.4	49.7	57.5	-30.1	-36.2	-8.9	345.1	839.7	161.7
17530	ok	0.0	1.0	6.39e-03	12.7	26.5	12.7	21.7	3.2	-1.7	-21.0	216.6	162.5	-71.6
17531	ok	0.0	1.0	1.27e-02	14.9	31.4	12.8	18.9	-31.2	21.1	-2.5	344.5	273.7	-24.0
17532	ok	0.0	1.0	6.63e-03	33.1	47.2	26.2	34.7	-1.0	41.8	13.8	34.6	161.1	340.2
17533	ok	0.0	1.0	6.10e-03	41.4	45.8	26.9	30.2	0.9	5.7	-19.9	519.1	222.8	279.1
17534	ok	0.0	1.0	6.84e-03	26.0	28.7	49.5	47.1	12.5	-10.2	-4.0	315.8	665.0	157.5
17535	ok	0.0	1.0	9.34e-03	12.7	14.5	12.7	12.7	39.9	23.8	-5.6	233.5	182.4	27.1
17536	ok	0.0	0.7	6.78e-03	12.7	12.7	12.7	12.7	37.7	25.4	-28.3	-35.5	81.4	96.5
17537	ok	0.0	1.0	5.24e-03	36.7	40.4	20.2	38.3	6.2	-13.8	-20.6	420.7	449.5	232.4
17539	ok	0.0	1.0	5.96e-03	12.7	16.9	12.9	18.0	15.8	-3.2	3.2	129.4	157.3	170.2
17540	ok	0.0	0.9	4.49e-03	35.8	35.2	15.2	20.6	-2.1	21.7	-3.5	-394.6	-6.4	-218.8
17541	ok	0.0	1.0	5.92e-03	12.7	33.8	49.2	51.2	18.4	32.0	7.0	196.1	691.9	194.5
17542	ok	0.0	1.0	1.00e-02	12.7	16.2	12.7	16.1	-64.3	-28.7	8.8	173.4	109.1	-0.7
17543	ok	0.0	1.0	1.48e-02	42.5	50.3	41.1	35.4	-182.7	-9.2	-30.9	873.4	-22.9	38.5
17544	ok	0.0	1.0	1.87e-02	12.7	33.6	12.7	33.9	-42.3	-170.3	-119.4	464.4	495.5	144.6
17545	ok	0.0	0.8	7.05e-03	12.7	12.7	12.7	12.7	4.7	-14.1	-24.6	73.3	55.1	89.3
17546	ok	0.0	1.0	4.92e-03	12.7	23.7	12.7	27.6	-33.8	-25.5	-31.4	411.5	380.5	27.0
17548	ok	0.0	1.0	7.59e-03	37.3	57.1	13.0	55.5	-10.3	-13.8	-4.7	652.6	322.8	192.9
17549	ok	0.0	1.0	7.43e-03	12.7	48.5	53.5	64.3	-1.7	-1.2	3.33e-02	526.8	909.5	-199.7
17550	ok	0.0	1.0	1.19e-02	12.7	25.3	12.7	29.8	-33.7	-3.2	-18.9	319.2	330.4	66.0
17551	ok	0.0	0.9	3.90e-03	21.0	13.8	42.4	44.6	-21.4	2.0	-2.0	-9.2	639.9	-76.8
17552	ok	0.0	1.0	6.98e-03	37.7	57.7	12.7	44.8	0.2	-9.0	-0.5	444.2	304.6	-346.1
17553	ok	0.0	0.7	4.21e-03	12.7	12.7	12.7	12.7	1.9	-18.3	-21.2	-46.0	101.9	-80.1
17554	ok	0.0	1.0	2.90e-03	12.7	36.6	39.5	49.3	-15.5	-3.2	-1.4	231.9	551.7	-202.0
17555	ok	0.0	1.0	4.05e-03	12.7	33.4	12.7	32.4	2.3	2.8	-18.5	474.9	457.2	121.5
17556	ok	0.0	1.0	1.83e-02	27.1	45.8	21.7	45.6	-207.7	-27.5	52.4	670.8	511.0	-163.8
17558	ok	0.0	1.0	1.69e-02	12.7	46.9	12.7	32.4	-213.8	-37.0	47.7	769.7	493.6	-93.5
17559	ok	0.0	1.0	7.59e-03	12.7	23.5	12.7	22.6	54.0	26.3	22.0	318.9	258.0	70.5
17560	ok	0.0	1.0	1.02e-02	12.7	12.7	12.7	13.8	67.6	65.1	17.1	137.6	163.0	-79.5
17562	ok	0.0	1.0	4.29e-03	12.7	21.5	12.7	15.4	-27.6	-28.7	-23.0	336.4	271.6	21.7
17563	ok	0.0	0.9	8.35e-03	36.1	40.1	12.7	23.2	-65.2	-29.2	1.3	533.7	168.8	-152.3
17564	ok	0.0	1.0	5.68e-03	27.8	43.7	12.7	30.6	-15.8	-9.2	-5.5	571.3	315.7	-199.6
17565	ok	0.0	1.0	5.68e-03	12.7	43.3	28.0	36.1	1.7	-5.0	-2.5	442.8	635.8	-7.1
17566	ok	0.0	1.0	5.64e-03	12.7	15.3	12.7	13.1	28.3	56.2	15.4	235.9	187.8	36.8
17567	ok	0.0	1.0	1.04e-02	12.7	24.3	41.4	41.8	-60.9	-42.5	-15.2	254.8	620.5	125.7
17568	ok	0.0	1.0	3.62e-03	26.4	40.5	12.7	29.1	6.9	-8.8	-15.8	313.0	276.4	19.3
17569	ok	0.0	0.9	1.02e-02	12.7	14.4	12.7	12.7	53.8	26.0	23.3	146.8	79.3	-2.8
17570	ok	0.0	1.0	1.95e-02	18.8	56.7	63.2	48.4	-71.1	-54.9	74.5	686.2	309.1	-103.0
17571	ok	0.0	1.0	7.53e-03	12.7	21.7	12.7	16.1	61.4	32.6	19.1	269.5	177.3	74.8
17572	ok	0.0	0.9	3.39e-03	31.3	37.0	13.0	21.2	10.8	16.7	5.6	277.1	81.0	225.0
17573	ok	0.0	1.0	4.61e-03	12.7	36.4	27.5	41.9	-19.1	-9.2	-4.4	338.4	442.4	-227.3
17574	ok	0.0	1.0	3.75e-03	12.7	27.7	12.7	22.8	7.5	10.3	-17.4	403.5	319.5	94.2
17575	ok	0.0	1.0	1.04e-02	12.7	24.6	12.7	37.9	-1.4	0.9	-5.8	283.8	251.6	-62.2
17576	ok	0.0	1.0	4.44e-03	12.7	23.9	12.7	23.5	-18.0	-6.8	1.5	355.2	343.2	71.7
17577	ok	0.0	1.0	7.09e-03	12.7	29.0	12.7	19.9	-20.7	-19.0	-5.3	504.1	348.6	6.3
17578	ok	0.0	1.0	4.13e-03	12.7	24.2	12.7	22.5	27.8	13.5	9.2	358.5	330.8	73.8
17579	ok	0.0	0.9	9.72e-03	12.7	12.7	12.7	12.7	-35.8	48.2	13.8	80.9	120.0	-36.5
17580	ok	0.0	1.0	3.98e-03	12.7	22.1	12.7	26.6	14.5	15.7	3.3	385.4	470.3	6.7
17581	ok	0.0	1.0	7.93e-03	12.7	22.6	12.7	21.5	67.9	-52.1	-13.7	224.5	300.0	104.6
17582	ok	0.0	0.9	4.54e-03	12.7	22.5	37.2	36.0	30.4	1.4	8.1	152.8	548.9	91.2
17583	ok	0.0	1.0	5.46e-03	12.7	23.5	12.7	22.1	-17.2	-13.0	-7.1	356.0	335.0	-54.7
17584	ok	0.0	0.9	5.14e-03	12.7	12.7	12.7	12.7	8.2	-7.8	24.0	76.6	92.3	2.8
17585	ok	0.0	1.0	6.74e-03	12.7	21.2	12.7	26.5	-31.6	-9.1	-4.6	386.1	467.8	5.9
17586	ok	0.0	1.0	5.51e-03	12.7	29.8	12.7	21.2	33.5	11.9	3.2	508.9	364.1	19.2
17587	ok	0.0	1.0	2.81e-03	12.7	23.3	12.7	22.6	26.4	11.9	0.9	362.6	352.8	-56.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-594.34	-368.16	-381.34	-426.02	-577.62	-650.77
		0.0	1.00	0.05	159.40	164.70	154.84	161.47	448.17	650.08	231.51	1726.32	1660.59	1032.32

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
1	ok	1.28						
2	ok	1.49						
3	ok	1.68						
4	ok	4.05						
5	ok	1.28						
6	ok	1.32						
7	ok	1.39						
8	ok	1.46						
9	ok	1.44						
10	ok	1.46						
11	ok	1.93						
12	ok	2.48						
13	ok	3.39						
14	ok	2.04						
15	ok	1.68						
16	ok	1.45						
17	ok	1.55						
18	ok	1.45						
19	ok	1.40						
20	ok	1.55						
21	ok	1.38						
22	ok	1.34						
23	ok	2.02						
24	ok	1.48						
25	ok	1.36						
26	ok	0.0						
27	ok	1.88						
28	ok	1.86						
29	ok	1.39						
30	ok Av	4.25	0.15	3.52e-03	4.8	0.1	220.0	5.3
31	ok	2.50						
32	ok	2.03						
33	ok	2.49						
34	ok	0.0						
35	ok	2.11						
36	ok	1.85						
37	ok	1.68						
38	ok	1.97						
39	ok	2.13						
40	ok	2.15						
41	ok Av	6.50	0.18	0.17	5.9	5.8	270.0	263.7
42	ok	0.0						
43	ok Av	8.59	0.22	0.22	7.2	7.4	330.3	336.0
45	ok Av	4.42	0.14	0.09	4.8	3.1	218.1	143.0
46	ok	3.57						
47	ok	0.0						
48	ok	0.0						
49	ok Av	8.69	0.17	0.26	5.8	8.5	264.2	387.8
50	ok Av	5.98	0.16	0.14	5.4	4.5	247.6	207.2
51	ok Av	4.86	0.03	0.16	1.0	5.5	47.8	249.4
52	ok Av	4.17	0.03	0.14	0.9	4.6	42.7	211.9
53	ok	2.51						
54	ok	2.03						
55	ok	2.49						
56	ok	3.37						
57	ok Av	4.35	0.07	0.13	2.4	4.3	107.4	198.3
58	ok Av	4.57	0.13	0.15	4.2	5.1	190.6	230.7
59	ok	3.24						
60	ok	2.81						
61	ok Av	5.17	0.16	0.14	5.4	4.7	245.0	213.8
62	ok	4.13						
63	ok Av	7.79	0.17	0.26	5.6	8.8	254.9	399.3
64	ok Av	5.44	0.08	0.18	2.6	5.8	120.5	264.8
65	ok	2.93						
66	ok Av	7.15	0.19	0.17	6.3	5.5	288.9	251.0

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
67	ok	1.72						
68	ok	2.18						
69	ok	2.54						
70	ok Av	6.81	0.18	0.16	6.0	5.3	273.8	241.9
72	ok Av	4.30	0.14	0.06	4.7	2.1	216.0	95.3
73	ok	2.74						
74	ok	2.34						
75	ok Av	6.45	0.16	0.16	5.4	5.2	245.8	236.1
76	ok Av	4.64	0.15	0.08	4.8	2.8	220.0	128.5
77	ok	2.93						
78	ok	2.78						
79	ok	2.38						
80	ok	2.22						
81	ok Av	4.94	0.12	0.13	3.9	4.4	179.9	198.4
82	ok	1.95						
83	ok	2.99						
84	ok	2.27						
85	ok	2.22						
86	ok	1.66						
87	ok	1.92						
88	ok	2.14						
89	ok	1.71						
90	ok	1.39						
91	ok	1.79						
92	ok	1.80						
93	ok	1.46						
94	ok	1.75						
95	ok	1.56						
96	ok	1.48						
97	ok	1.67						
98	ok	1.42						
99	ok	1.46						
100	ok	1.56						
101	ok	2.78						
102	ok	1.59						
103	ok	2.58						
104	ok	1.87						
105	ok	2.93						
106	ok	2.19						
107	ok	1.36						
108	ok	1.48						
109	ok	1.63						
110	ok	1.97						
111	ok	1.16						
112	ok	1.38						
113	ok	2.31						
114	ok	1.50						
115	ok	2.81						
116	ok Av	5.28	0.02	0.18	0.8	6.0	36.5	272.4
117	ok	1.07						
118	ok	1.96						
119	ok	1.68						
120	ok	1.30						
121	ok	1.15						
122	ok	1.19						
123	ok	0.98						
124	ok	0.73						
125	ok	0.83						
126	ok	0.91						
127	ok	0.69						
128	ok	0.91						
129	ok	4.01						
130	ok	2.60						
131	ok	1.93						
132	ok	2.07						
133	ok	2.05						
134	ok	1.84						
135	ok	1.33						
136	ok	1.69						
137	ok	1.17						
138	ok	1.18						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
139	ok	1.32						
140	ok	1.70						
141	ok	1.28						
142	ok	1.59						
143	ok	1.39						
144	ok	1.63						
145	ok Av	6.88	0.24	0.09	7.8	2.9	355.9	133.6
146	ok	2.22						
147	ok Av	4.90	0.14	0.09	4.7	3.0	213.8	138.3
148	ok	3.67						
149	ok	1.32						
150	ok	1.63						
151	ok	3.06						
152	ok Av	4.40	0.13	0.08	4.3	2.6	193.9	119.7
153	ok Av	18.32	0.37	0.59	12.3	19.5	559.6	888.5
154	ok	2.83						
155	ok	1.19						
156	ok	0.93						
157	ok Av	4.60	0.07	0.15	2.4	4.8	110.8	220.8
158	ok	2.12						
160	ok Av	5.57	0.19	0.08	6.3	2.5	286.6	113.5
161	ok	2.39						
162	ok	2.79						
163	ok	3.75						
164	ok	2.67						
165	ok	2.00						
166	ok	2.04						
167	ok	2.45						
168	ok	2.53						
169	ok	1.95						
170	ok	2.85						
171	ok Av	4.59	0.13	0.10	4.2	3.2	190.6	143.9
172	ok Av	8.97	0.11	0.29	3.5	9.7	161.1	444.2
173	ok	2.08						
174	ok	2.44						
175	ok	3.80						
176	ok	3.76						
177	ok	1.56						
178	ok	1.72						
179	ok	2.48						
180	ok	2.62						
181	ok	2.84						
182	ok Av	4.81	0.16	0.06	5.3	1.9	241.2	84.7
183	ok	3.26						
184	ok	2.02						
185	ok	1.56						
186	ok	2.37						
187	ok	0.0						
188	ok	0.0						
189	ok	0.0						
190	ok	0.0						
191	ok	0.0						
192	ok	0.0						
193	ok	2.93						
194	ok	2.18						
195	ok	0.0						
196	ok	1.87						
197	ok	2.13						
198	ok Av	39.85	1.00	0.82	43.2	27.4	1684.5	1247.6
199	ok Av	17.31	0.36	0.57	12.0	18.7	547.9	854.7
200	ok	2.43						
201	ok	1.60						
202	ok	0.0						
203	ok	0.0						
204	ok	2.12						
205	ok	0.0						
206	ok	0.0						
207	ok	0.0						
208	ok	0.0						
209	ok	0.0						
210	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
211	ok	0.0						
212	ok	0.0						
213	ok	0.0						
214	ok	0.0						
215	ok	0.0						
216	ok	0.0						
217	ok Av	9.68	0.28	0.22	9.2	7.2	417.6	328.8
218	ok	2.41						
219	ok Av	5.86	0.15	0.16	5.1	5.5	231.5	248.9
220	ok Av	6.60	0.23	0.07	7.5	2.3	341.2	106.8
221	ok Av	7.39	0.13	0.24	4.5	8.0	203.4	365.3
222	ok	3.87						
223	ok	2.28						
224	ok	2.23						
225	ok	3.79						
226	ok Av	4.73	0.05	0.16	1.7	5.3	76.6	243.4
227	ok	2.64						
228	ok	2.68						
229	ok	0.0						
230	ok	1.53						
231	ok	1.35						
232	ok	0.0						
233	ok	1.39						
234	ok	1.38						
235	ok	1.44						
236	ok	1.29						
237	ok	1.25						
238	ok	1.35						
239	ok	1.27						
240	ok	1.43						
241	ok Av	13.70	0.34	0.42	11.4	13.9	518.7	633.3
242	ok Av	5.20	0.12	0.13	4.1	4.2	188.1	192.6
243	ok Av	4.93	0.16	0.04	5.5	1.2	249.3	57.0
244	ok	1.76						
245	ok	1.89						
246	ok	1.55						
247	ok	1.58						
248	ok	1.97						
249	ok	1.97						
250	ok	1.85						
251	ok	1.84						
252	ok	1.71						
253	ok Av	13.52	0.46	0.16	15.1	5.2	688.7	237.4
254	ok	0.0						
255	ok Av	28.58	0.58	0.79	19.3	26.2	881.0	1194.1
256	ok Av	9.47	0.32	0.09	10.7	2.9	486.6	132.9
257	ok Av	7.38	0.25	0.06	8.2	2.0	375.7	90.8
258	ok Av	17.80	0.61	0.08	20.2	2.5	921.9	113.9
259	ok Av	34.67	0.89	0.78	29.6	26.0	1350.2	1186.8
260	ok Av	7.42	0.20	0.16	6.6	5.3	298.8	241.5
261	ok Av	4.59	0.05	0.15	1.7	5.0	79.6	226.1
262	ok	0.0						
263	ok	0.0						
264	ok	1.97						
265	ok	1.87						
266	ok	2.42						
267	ok Av	14.13	0.14	0.48	4.6	15.9	207.9	725.5
268	ok Av	4.96	0.12	0.14	4.0	4.5	180.8	204.6
269	ok	3.25						
270	ok	3.94						
271	ok Av	8.71	0.14	0.28	4.7	9.2	214.9	421.6
272	ok Av	4.24	6.19e-03	0.14	0.2	4.8	9.4	219.2
273	ok	3.58						
274	ok	2.23						
275	ok	1.97						
276	ok	3.66						
277	ok Av	4.23	0.14	0.01	4.8	0.4	218.7	16.0
278	ok	2.37						
279	ok Av	4.96	0.16	0.07	5.3	2.2	243.4	100.4
280	ok	2.99						
281	ok Av	6.28	0.22	0.04	7.1	1.4	325.2	63.5

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
282	ok	1.54						
283	ok	1.53						
284	ok	1.53						
285	ok	1.49						
286	ok	1.69						
287	ok	3.25						
288	ok Av	4.58	0.05	0.15	1.8	4.9	80.4	223.7
289	ok Av	6.60	0.20	0.16	6.6	5.2	299.1	235.2
290	ok	1.69						
291	ok	1.71						
292	ok	1.67						
293	ok	1.96						
294	ok	1.96						
295	ok	1.93						
296	ok	1.51						
297	ok	1.70						
298	ok	1.56						
299	ok	1.56						
300	ok	1.74						
301	ok	1.74						
302	ok	0.0						
303	ok	0.0						
304	ok	1.95						
305	ok Av	16.01	0.32	0.53	10.6	17.6	484.9	804.2
306	ok Av	34.02	0.96	0.84	31.9	27.8	1453.9	1268.5
307	ok Av	14.43	0.23	0.47	7.5	15.7	343.4	714.0
308	ok Av	4.22	0.11	0.12	3.5	3.9	159.5	179.8
309	ok Av	19.76	0.36	0.66	11.8	21.9	538.3	996.5
310	ok Av	41.45	1.00	0.94	44.4	31.1	1581.9	1417.4
311	ok	3.45						
312	ok	1.88						
313	ok	2.53						
314	ok	1.77						
315	ok	0.0						
316	ok	0.0						
317	ok	0.0						
318	ok	0.0						
319	ok	0.0						
320	ok	0.0						
321	ok	0.0						
322	ok	1.55						
323	ok	1.54						
324	ok	0.0						
325	ok	0.0						
326	ok	0.0						
327	ok	1.57						
328	ok Av	4.82	0.16	0.08	5.2	2.5	236.8	114.5
329	ok	1.70						
330	ok	2.41						
331	ok	3.74						
332	ok	3.18						
333	ok	1.55						
334	ok	2.83						
335	ok	2.09						
336	ok	1.72						
337	ok Av	8.25	0.25	0.20	8.1	6.6	371.0	300.2
338	ok	1.56						
339	ok Av	5.55	0.12	0.17	3.9	5.8	178.1	262.7
340	ok	2.84						
341	ok	1.66						
342	ok	1.14						
343	ok	1.41						
344	ok	1.56						
345	ok	1.60						
346	ok	1.07						
347	ok	1.47						
348	ok	1.37						
349	ok	1.25						
350	ok	1.29						
351	ok	0.73						
352	ok	0.81						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
353	ok	0.0						
354	ok	0.99						
355	ok	1.37						
356	ok	2.06						
357	ok	0.0						
358	ok	0.0						
359	ok	0.0						
360	ok	0.0						
361	ok	0.0						
434	ok	1.79						
435	ok	0.90						
436	ok	1.40						
437	ok	1.02						
438	ok	1.34						
439	ok	0.96						
440	ok	1.00						
441	ok	0.66						
442	ok	1.89						
443	ok	2.13						
444	ok	2.14						
445	ok	2.09						
446	ok Av	39.55	1.00	1.00	46.9	44.0	1587.4	1696.4
447	ok Av	8.86	0.07	0.30	2.2	10.0	100.0	456.8
448	ok	3.10						
449	ok	1.73						
450	ok	1.71						
451	ok	1.77						
452	ok	1.60						
453	ok	0.42						
454	ok	3.20						
455	ok	0.55						
456	ok	0.0						
457	ok	0.56						
458	ok	0.73						
459	ok	0.95						
460	ok	1.23						
461	ok	1.60						
462	ok	2.05						
463	ok	2.62						
464	ok	2.14						
465	ok	1.42						
466	ok	0.94						
467	ok	0.62						
468	ok	0.58						
469	ok	0.56						
470	ok	0.59						
471	ok	0.81						
472	ok	1.05						
473	ok	1.40						
474	ok	1.65						
475	ok	1.21						
476	ok	0.94						
477	ok	0.69						
478	ok	0.48						
479	ok	0.65						
480	ok	0.94						
481	ok	1.35						
482	ok	1.91						
483	ok	0.64						
484	ok	0.85						
485	ok	1.18						
486	ok	1.60						
487	ok	0.60						
488	ok	0.74						
489	ok	0.98						
490	ok	1.29						
491	ok	0.56						
492	ok	0.63						
493	ok	0.78						
494	ok	1.01						
495	ok	0.75						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
496	ok	0.51						
497	ok	0.61						
498	ok	0.77						
499	ok	0.93						
500	ok	0.66						
501	ok	0.45						
502	ok	0.56						
503	ok	1.05						
504	ok	0.79						
505	ok	0.56						
506	ok	0.41						
507	ok	3.41						
508	ok	0.62						
509	ok	2.17						
510	ok	1.35						
511	ok	0.83						
512	ok	0.53						
513	ok	3.69						
514	ok	0.75						
515	ok	2.23						
516	ok	1.30						
517	ok	0.70						
518	ok	0.42						
519	ok	3.84						
520	ok	0.87						
521	ok	2.29						
522	ok	1.27						
523	ok	0.63						
524	ok	0.52						
526	ok	1.31						
530	ok	1.17						
531	ok	1.15						
532	ok	1.14						
533	ok	0.80						
534	ok	0.74						
535	ok	1.17						
538	ok	1.33						
542	ok	2.02						
543	ok	1.57						
544	ok	1.34						
545	ok	1.35						
546	ok	1.58						
549	ok	0.51						
550	ok	2.10						
551	ok	0.40						
552	ok	1.75						
553	ok	1.52						
554	ok	1.22						
555	ok	0.97						
556	ok	0.74						
557	ok	1.37						
558	ok	1.09						
559	ok	0.84						
560	ok	0.60						
561	ok	0.74						
562	ok	0.0						
563	ok	0.62						
564	ok	0.0						
565	ok	1.60						
566	ok	1.42						
567	ok	1.21						
568	ok	0.98						
569	ok	1.60						
570	ok	1.32						
571	ok	1.08						
572	ok	0.85						
573	ok	1.11						
574	ok	0.0						
575	ok	1.03						
576	ok	0.89						
577	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
578	ok	1.98						
579	ok	0.0						
580	ok	2.44						
581	ok	1.89						
582	ok	1.52						
583	ok	1.62						
584	ok	1.58						
585	ok	1.40						
586	ok	1.15						
587	ok	1.93						
588	ok	1.85						
589	ok	1.61						
590	ok	1.32						
591	ok	0.97						
592	ok	0.0						
593	ok	0.64						
594	ok	0.0						
595	ok	0.0						
596	ok	0.0						
597	ok	2.52						
598	ok	2.14						
599	ok	0.0						
600	ok	0.0						
601	ok	2.11						
602	ok	1.58						
763	ok	0.0						
771	ok	0.59						
772	ok	0.79						
773	ok	1.03						
774	ok	1.35						
775	ok	1.89						
776	ok	0.0						
777	ok	0.0						
827	ok	0.0						
828	ok	0.0						
829	ok	0.42						
830	ok	0.62						
831	ok	0.88						
832	ok	1.21						
833	ok	1.76						
834	ok	0.0						
835	ok	0.0						
836	ok	0.50						
837	ok	0.71						
838	ok	0.99						
839	ok	1.34						
840	ok	1.94						
841	ok	0.0						
842	ok	0.0						
843	ok	0.0						
844	ok	0.0						
845	ok	0.52						
846	ok	0.46						
847	ok	0.67						
848	ok	0.91						
849	ok	1.09						
850	ok	1.20						
851	ok	2.86						
852	ok	0.43						
853	ok	0.55						
854	ok	0.78						
855	ok	1.06						
856	ok	1.37						
857	ok	1.70						
858	ok	0.0						
859	ok	4.04						
860	ok	0.0						
861	ok	0.98						
862	ok	0.83						
863	ok	0.56						
864	ok	1.00						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
865	ok	1.75						
866	ok Av	24.92	0.04	0.85	1.2	28.3	54.5	1289.7
867	ok	1.91						
868	ok	1.53						
869	ok	0.65						
870	ok	0.48						
871	ok	0.55						
872	ok	0.74						
873	ok	1.11						
874	ok	0.0						
875	ok	1.65						
876	ok	0.79						
877	ok	0.51						
878	ok	0.83						
879	ok	2.83						
880	ok	1.02						
881	ok	0.62						
882	ok	1.89						
883	ok	0.0						
884	ok Av	5.61	0.10	0.17	3.3	5.6	148.5	254.0
885	ok	2.61						
886	ok Av	17.45	8.14e-03	0.60	0.3	19.8	12.3	903.6
887	ok Av	11.94	0.09	0.40	2.9	13.2	132.4	604.0
888	ok Av	9.07	0.02	0.31	0.6	10.3	28.6	469.2
889	ok	0.0						
890	ok	3.45						
891	ok	2.33						
892	ok	0.0						
893	ok	2.60						
894	ok Av	7.99	7.16e-03	0.27	0.2	9.1	10.8	413.8
895	ok	0.0						
896	ok	1.54						
897	ok	3.45						
898	ok	0.73						
927	ok	1.41						
928	ok	1.20						
929	ok	1.68						
930	ok	1.49						
931	ok	2.10						
932	ok	1.80						
933	ok	2.29						
934	ok	0.0						
935	ok	0.0						
936	ok	0.0						
937	ok	0.0						
938	ok	0.0						
939	ok	1.39						
940	ok	1.66						
941	ok	1.73						
942	ok	2.10						
943	ok	0.0						
944	ok	1.46						
945	ok	1.17						
946	ok	0.59						
947	ok	0.0						
948	ok	1.72						
949	ok	1.19						
950	ok	0.90						
951	ok	0.64						
952	ok	0.87						
953	ok	1.15						
954	ok	1.43						
955	ok	1.34						
956	ok	1.19						
957	ok	1.02						
958	ok	0.83						
959	ok	0.64						
960	ok	0.47						
961	ok	0.47						
962	ok	0.47						
963	ok	0.55						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
964	ok	0.61						
965	ok	0.90						
966	ok	1.22						
967	ok	1.03						
968	ok	1.07						
969	ok	1.12						
970	ok	0.84						
971	ok	0.85						
972	ok	0.87						
973	ok	0.65						
974	ok	0.66						
975	ok	0.66						
976	ok	0.52						
977	ok	0.64						
978	ok	0.77						
979	ok	0.56						
980	ok	0.73						
981	ok	0.98						
982	ok	0.57						
983	ok	0.79						
984	ok	1.19						
985	ok	0.60						
986	ok	0.84						
987	ok	1.23						
988	ok	1.81						
989	ok	1.29						
990	ok	1.77						
991	ok	1.58						
992	ok	1.33						
993	ok	2.40						
994	ok	1.36						
995	ok	2.30						
996	ok	1.89						
997	ok	1.46						
998	ok	1.48						
999	ok	0.0						
1000	ok	2.38						
1001	ok	1.58						
1002	ok	0.0						
1003	ok	1.83						
1004	ok	0.0						
1005	ok	0.0						
1006	ok	0.85						
1007	ok	0.0						
1008	ok	0.74						
1009	ok	0.62						
1010	ok	0.75						
1011	ok	1.11						
1012	ok	1.60						
1013	ok	0.0						
1014	ok	0.0						
1015	ok	0.97						
1016	ok	0.0						
1017	ok	0.81						
1018	ok	0.63						
1019	ok	0.73						
1020	ok	1.11						
1021	ok	1.87						
1022	ok	0.0						
1023	ok	0.0						
1024	ok	1.14						
1025	ok	0.0						
1026	ok	0.91						
1027	ok	0.71						
1028	ok	0.78						
1029	ok	1.21						
1030	ok	1.73						
1031	ok	0.0						
1032	ok	0.0						
1033	ok	1.38						
1034	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1035	ok	1.07						
1036	ok	0.81						
1037	ok	0.71						
1038	ok	1.08						
1039	ok	1.69						
1040	ok	0.0						
1041	ok	0.0						
1042	ok	1.40						
1043	ok	1.71						
1044	ok	0.99						
1045	ok	1.17						
1046	ok	1.77						
1047	ok	2.26						
1048	ok	1.21						
1049	ok	1.38						
1050	ok	1.24						
1051	ok	1.26						
1052	ok	0.96						
1053	ok	0.71						
1054	ok	0.73						
1055	ok	0.89						
1056	ok	1.04						
1057	ok	1.15						
1058	ok	1.30						
1059	ok	1.08						
1060	ok	0.81						
1061	ok	1.01						
1062	ok	1.03						
1063	ok	0.77						
1064	ok	0.81						
1065	ok	0.57						
1066	ok	0.62						
1067	ok	0.69						
1068	ok	0.52						
1069	ok	0.80						
1070	ok	0.60						
1071	ok	0.88						
1072	ok	0.66						
1073	ok	1.00						
1074	ok	0.74						
1075	ok	1.46						
1076	ok	1.46						
1077	ok	1.50						
1078	ok	0.0						
1079	ok	0.0						
1080	ok	0.0						
1081	ok	0.0						
1082	ok	0.0						
1083	ok	0.0						
1084	ok	1.90						
1085	ok	1.72						
1086	ok	1.86						
1087	ok	1.18						
1088	ok	1.43						
1089	ok	1.62						
1090	ok	0.0						
1091	ok	1.11						
1092	ok	1.26						
1093	ok	1.15						
1094	ok	1.30						
1095	ok	1.25						
1096	ok	1.36						
1097	ok	1.10						
1098	ok	1.27						
1099	ok	1.17						
1100	ok	1.37						
1101	ok	1.15						
1102	ok	1.14						
1103	ok	1.12						
1104	ok	1.11						
1105	ok	1.37						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1106	ok	1.34						
1107	ok	1.32						
1108	ok	1.30						
1109	ok	0.97						
1110	ok	1.00						
1111	ok	0.99						
1112	ok	0.98						
1113	ok	0.97						
1114	ok	0.96						
1115	ok	1.43						
1116	ok	0.99						
1117	ok	1.05						
1118	ok	1.17						
1119	ok	1.28						
1120	ok	0.89						
1121	ok	0.95						
1122	ok	1.07						
1123	ok	0.86						
1124	ok	2.08						
1125	ok	1.84						
1126	ok	2.38						
1127	ok	1.68						
1128	ok	1.65						
1129	ok	1.70						
1130	ok	2.10						
1131	ok	1.93						
1132	ok	1.71						
1133	ok	1.93						
1134	ok	0.0						
1135	ok	0.75						
1136	ok	1.79						
1137	ok	1.57						
1138	ok	0.0						
1139	ok	0.0						
1140	ok	0.0						
1141	ok	0.94						
1142	ok	1.02						
1143	ok	1.31						
1144	ok	1.59						
1145	ok	0.0						
1146	ok	1.18						
1147	ok	1.43						
1148	ok	1.04						
1149	ok	1.19						
1150	ok	1.44						
1151	ok	0.93						
1152	ok	1.22						
1153	ok	1.48						
1154	ok	0.0						
1155	ok	0.78						
1156	ok	0.0						
1157	ok	0.0						
1158	ok	0.0						
1159	ok	1.17						
1160	ok	0.73						
1161	ok	0.0						
1162	ok	0.0						
1163	ok	1.10						
1164	ok	0.0						
1165	ok	0.78						
1166	ok	0.0						
1167	ok	0.0						
1168	ok	1.16						
1169	ok	0.0						
1170	ok	0.74						
1171	ok	0.0						
1172	ok	0.0						
1173	ok	1.05						
1174	ok	0.0						
1175	ok	0.62						
1176	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1177	ok	1.09						
1178	ok	0.82						
1179	ok	0.48						
1180	ok	0.44						
1181	ok	0.81						
1182	ok	0.49						
1183	ok	0.53						
1184	ok	0.49						
1185	ok	0.52						
1186	ok	0.64						
1187	ok	0.75						
1188	ok	0.79						
1189	ok	1.10						
1190	ok	0.77						
1191	ok	0.66						
1192	ok	1.03						
1193	ok	1.01						
1194	ok	0.92						
1195	ok	0.56						
1196	ok	0.63						
1197	ok	0.64						
1198	ok	0.54						
1199	ok	1.63						
1200	ok Av	11.46	0.34	0.28	11.2	9.1	509.7	416.6
1201	ok	1.04						
1202	ok	1.35						
1203	ok	2.43						
1204	ok	4.02						
1205	ok Av	8.53	0.24	0.19	8.0	6.4	364.2	291.5
1206	ok Av	5.86	0.20	0.15	6.5	4.9	295.4	223.0
1207	ok Av	4.56	0.10	0.12	3.4	3.9	157.3	178.1
1208	ok Av	4.83	0.17	0.01	5.5	0.4	250.0	16.7
1209	ok	2.75						
1210	ok	1.91						
1211	ok	3.52						
1212	ok	1.65						
1213	ok	1.37						
1214	ok Av	10.85	0.32	0.26	10.5	8.8	477.5	399.9
1215	ok	1.71						
1217	ok Av	7.40	0.22	0.18	7.3	5.8	333.2	265.0
1218	ok	3.96						
1219	ok	2.47						
1220	ok	1.82						
1221	ok Av	11.64	0.08	0.40	2.7	13.2	121.8	601.2
1222	ok Av	4.88	0.02	0.17	0.8	5.5	35.0	252.2
1223	ok	2.69						
1224	ok Av	4.72	0.15	0.13	5.0	4.5	227.9	204.1
1225	ok	1.42						
1226	ok	3.48						
1227	ok	2.75						
1228	ok	1.94						
1229	ok Av	4.46	0.15	0.03	5.0	0.9	228.0	39.4
1230	ok	1.27						
1231	ok	3.99						
1232	ok	2.11						
1233	ok	1.64						
1234	ok	1.67						
1235	ok	0.69						
1236	ok Av	4.40	0.09	0.12	3.1	3.9	139.9	179.7
1237	ok	1.67						
1238	ok	0.50						
1239	ok	0.70						
1240	ok	0.97						
1241	ok	1.12						
1242	ok	1.15						
1243	ok	2.60						
1244	ok	3.02						
1245	ok	1.33						
1246	ok	0.91						
1247	ok	1.24						
1248	ok	1.71						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1249	ok	2.71						
1250	ok	2.25						
1251	ok	1.74						
1252	ok	1.08						
1253	ok	0.89						
1254	ok	0.72						
1255	ok	1.31						
1256	ok	1.56						
1257	ok	1.60						
1258	ok	1.01						
1259	ok	1.14						
1260	ok	1.19						
1261	ok	0.74						
1262	ok	0.75						
1263	ok	0.84						
1264	ok Av	10.51	0.30	0.27	9.8	8.8	446.5	402.5
1265	ok	1.49						
1266	ok Av	6.54	0.19	0.18	6.2	6.0	284.3	274.5
1267	ok	3.22						
1268	ok	2.09						
1269	ok Av	10.41	0.31	0.23	10.4	7.5	473.7	343.3
1270	ok	1.37						
1272	ok Av	6.31	0.15	0.19	5.0	6.4	228.3	292.1
1273	ok	3.48						
1274	ok	2.07						
1275	ok	1.48						
1276	ok	2.18						
1277	ok Av	4.19	0.02	0.14	0.7	4.7	33.9	216.0
1278	ok Av	11.36	0.10	0.39	3.4	12.9	154.6	588.5
1279	ok	4.11						
1280	ok	1.12						
1281	ok	3.31						
1282	ok	2.30						
1283	ok	1.58						
1284	ok	2.02						
1285	ok	0.71						
1286	ok	1.96						
1287	ok	1.40						
1288	ok	0.96						
1289	ok	3.49						
1290	ok	0.79						
1291	ok	1.60						
1292	ok	3.35						
1293	ok	0.66						
1294	ok	0.66						
1295	ok	0.56						
1296	ok	0.58						
1297	ok	0.94						
1298	ok	1.34						
1299	ok	1.45						
1300	ok Av	4.17	0.13	0.05	4.4	1.6	202.6	75.2
1301	ok	1.08						
1302	ok	1.44						
1303	ok	1.59						
1304	ok Av	4.21	0.12	0.08	4.0	2.6	182.3	119.7
1305	ok	3.53						
1306	ok	3.61						
1307	ok	1.16						
1308	ok	1.02						
1309	ok Av	10.13	0.19	0.29	6.4	9.6	293.9	437.6
1310	ok Av	26.49	0.65	0.70	21.5	23.3	981.8	1064.8
1311	ok Av	15.40	0.53	0.13	17.5	4.3	796.9	194.4
1312	ok Av	6.93	0.22	0.11	7.3	3.6	333.5	163.0
1313	ok Av	9.18	0.17	0.27	5.5	9.0	251.2	410.0
1314	ok Av	10.31	0.18	0.31	6.0	10.1	271.4	462.3
1315	ok Av	13.68	0.34	0.33	11.2	10.9	511.9	497.4
1316	ok Av	9.81	0.34	0.05	11.1	1.7	507.5	77.7
1317	ok Av	5.82	0.18	0.10	5.8	3.2	266.1	145.3
1318	ok Av	6.22	0.17	0.14	5.6	4.5	253.1	205.0
1319	ok Av	10.99	0.30	0.36	9.8	12.1	447.7	550.0
1320	ok Av	11.21	0.38	0.16	12.7	5.3	577.0	240.0

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1321	ok Av	11.34	0.28	0.27	9.4	8.8	428.9	401.2
1322	ok Av	4.78	0.16	0.05	5.3	1.8	242.3	82.1
1323	ok Av	9.30	0.31	0.12	10.2	4.1	465.2	187.2
1324	ok Av	37.59	0.99	0.98	32.8	32.5	1494.7	1484.0
1325	ok Av	37.70	1.00	0.82	34.5	27.2	1537.4	1239.6
1326	ok Av	9.19	0.16	0.28	5.4	9.3	245.3	425.9
1327	ok	3.29						
1328	ok Av	11.79	0.40	0.14	13.3	4.8	605.6	218.0
1329	ok Av	15.14	0.27	0.48	8.8	15.8	402.3	721.8
1330	ok Av	11.52	0.15	0.39	5.0	12.9	229.5	588.0
1331	ok	3.82						
1332	ok	2.15						
1333	ok Av	8.35	0.24	0.16	7.8	5.3	357.8	243.2
1334	ok	3.00						
1335	ok	2.89						
1336	ok	2.05						
1337	ok	1.87						
1338	ok	2.50						
1339	ok	1.94						
1340	ok	1.93						
1341	ok	2.01						
1342	ok	1.92						
1343	ok	1.96						
1344	ok	0.0						
1345	ok	0.0						
1346	ok Av	4.86	0.17	0.07	5.5	2.2	250.7	98.6
1347	ok Av	12.43	0.14	0.42	4.8	13.9	217.9	632.9
1348	ok Av	6.73	0.23	0.07	7.6	2.3	345.5	102.7
1349	ok	3.34						
1350	ok	1.87						
1351	ok	1.38						
1352	ok	1.72						
1353	ok	2.18						
1354	ok	2.06						
1355	ok	1.47						
1356	ok	2.07						
1357	ok	2.66						
1358	ok Av	7.70	0.25	0.09	8.4	2.9	381.6	133.3
1359	ok	3.47						
1360	ok Av	7.94	0.27	0.08	9.0	2.5	410.0	113.5
1361	ok	3.12						
1362	ok Av	6.22	0.21	0.05	6.9	1.6	316.7	75.0
1363	ok Av	7.89	0.24	0.16	7.8	5.4	356.7	247.0
1370	ok Av	20.18	0.36	0.68	12.0	22.5	547.6	1026.9
1380	ok	1.64						
1381	ok	1.99						
1382	ok	0.0						
1383	ok	0.0						
1384	ok	1.12						
1385	ok	1.38						
1386	ok	0.0						
1387	ok	0.0						
1388	ok	0.0						
1389	ok	0.63						
1390	ok	0.94						
1391	ok Av	4.17	0.08	0.12	2.8	3.9	126.5	175.9
1392	ok	0.77						
1393	ok Av	10.53	0.35	0.15	11.6	4.9	527.1	223.6
1394	ok Av	6.75	0.21	0.12	7.0	4.0	319.3	183.6
1395	ok Av	12.75	0.34	0.27	11.4	8.9	520.8	407.0
1396	ok Av	8.98	0.29	0.17	9.7	5.5	443.9	252.6
1397	ok Av	25.16	0.34	0.79	11.1	26.3	507.9	1200.3
1398	ok Av	5.56	0.18	0.08	5.9	2.5	266.9	113.9
1399	ok Av	4.75	0.14	0.08	4.8	2.5	219.1	113.6
1400	ok	4.06						
1401	ok Av	12.43	0.33	0.27	10.9	9.0	498.0	408.9
1402	ok Av	5.93	0.17	0.13	5.7	4.3	260.8	197.0
1403	ok	2.15						
1404	ok	1.41						
1405	ok	1.13						
1406	ok Av	20.98	0.70	0.30	23.3	10.0	1062.7	456.3

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1407	ok Av	9.84	0.33	0.13	11.0	4.2	502.6	189.9
1408	ok Av	25.92	0.24	0.86	8.1	28.6	368.5	1303.6
1409	ok Av	5.13	0.17	0.08	5.8	2.5	262.7	114.7
1410	ok	2.20						
1411	ok Av	5.13	0.04	0.17	1.3	5.7	59.8	258.8
1412	ok	1.76						
1413	ok Av	5.22	0.02	0.18	0.6	5.9	26.7	270.1
1414	ok Av	14.97	0.38	0.34	12.7	11.4	578.1	520.0
1415	ok Av	17.94	0.55	0.31	18.4	10.4	839.2	473.0
1416	ok Av	14.37	0.48	0.11	16.1	3.5	732.9	160.9
1417	ok Av	13.05	0.44	0.11	14.6	3.7	665.5	167.0
1418	ok Av	19.04	0.36	0.65	11.8	21.5	539.5	981.2
1419	ok Av	7.58	0.25	0.18	8.4	5.8	383.7	265.4
1420	ok	3.86						
1421	ok	2.25						
1422	ok	2.34						
1423	ok	2.00						
1424	ok	2.18						
1425	ok	2.32						
1426	ok	3.18						
1427	ok	2.25						
1428	ok	2.53						
1429	ok	3.02						
1430	ok	0.0						
1431	ok	0.99						
1432	ok	0.0						
1433	ok	0.0						
1434	ok	0.0						
1435	ok	1.59						
1436	ok	1.88						
1437	ok	1.19						
1438	ok	1.44						
1439	ok	1.71						
1440	ok	0.0						
1441	ok	1.58						
1442	ok	1.84						
1443	ok	0.0						
1444	ok	1.64						
1445	ok	1.91						
1446	ok	0.0						
1447	ok	0.88						
1448	ok	0.0						
1449	ok	0.0						
1450	ok	0.0						
1451	ok	0.95						
1452	ok	0.0						
1453	ok	0.0						
1454	ok	0.0						
1455	ok	0.98						
1456	ok	0.0						
1457	ok	0.0						
1458	ok	0.0						
1459	ok	0.88						
1460	ok	0.0						
1461	ok	0.0						
1462	ok	0.0						
1463	ok	0.73						
1464	ok	0.0						
1465	ok	0.0						
1466	ok	0.99						
1467	ok	0.53						
1468	ok	0.69						
1469	ok	0.83						
1470	ok	1.16						
1471	ok	0.64						
1472	ok	0.86						
1473	ok	1.10						
1474	ok	0.67						
1475	ok	0.60						
1476	ok	0.43						
1477	ok	0.52						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1478	ok	0.84						
1479	ok	0.44						
1480	ok	0.53						
1481	ok	0.66						
1482	ok	0.46						
1483	ok	1.15						
1484	ok	0.84						
1485	ok	0.62						
1486	ok	0.43						
1487	ok	0.53						
1488	ok	0.96						
1489	ok	0.77						
1490	ok	0.70						
1491	ok	0.57						
1492	ok	0.52						
1493	ok	0.41						
1494	ok	0.49						
1495	ok	1.24						
1496	ok	0.90						
1497	ok	0.67						
1498	ok	0.51						
1499	ok	1.29						
1500	ok	0.92						
1501	ok	0.69						
1502	ok	0.45						
1503	ok	1.06						
1504	ok	0.81						
1505	ok	0.62						
1506	ok	0.45						
1507	ok	0.99						
1508	ok	0.78						
1509	ok	0.61						
1510	ok	0.43						
1511	ok	0.61						
1512	ok	0.58						
1513	ok	0.50						
1514	ok	0.46						
1515	ok	0.80						
1516	ok	0.66						
1517	ok	0.54						
1518	ok	0.62						
1519	ok	1.05						
1520	ok	0.87						
1521	ok	0.73						
1522	ok	0.53						
1523	ok	0.48						
1524	ok	0.43						
1525	ok	0.87						
1526	ok	0.75						
1527	ok	0.64						
1528	ok	0.74						
1529	ok	0.66						
1530	ok	0.59						
1531	ok	0.63						
1532	ok	0.57						
1533	ok	0.52						
1534	ok	0.65						
1535	ok	1.15						
1536	ok	0.92						
1537	ok	0.76						
1538	ok	0.73						
1539	ok	1.01						
1540	ok	0.80						
1541	ok	0.72						
1542	ok	0.68						
1543	ok	1.12						
1544	ok	0.89						
1545	ok	0.74						
1546	ok	0.82						
1547	ok	0.85						
1548	ok	0.73						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1549	ok	0.73						
1550	ok	0.89						
1551	ok	0.66						
1552	ok	0.72						
1553	ok	0.79						
1554	ok	1.07						
1555	ok	0.92						
1556	ok	1.01						
1557	ok	1.06						
1558	ok	0.97						
1559	ok	0.71						
1560	ok	0.82						
1561	ok	0.91						
1562	ok	1.43						
1563	ok	1.47						
1564	ok	1.50						
1565	ok	1.49						
1566	ok	1.20						
1567	ok	1.15						
1568	ok	1.20						
1569	ok	1.23						
1570	ok	1.82						
1571	ok	1.93						
1572	ok	1.90						
1573	ok	1.96						
1574	ok	2.88						
1575	ok	2.44						
1576	ok	2.09						
1577	ok	2.69						
1578	ok Av	11.97	0.17	0.40	5.6	13.3	257.4	607.9
1579	ok Av	8.93	0.27	0.14	9.1	4.5	414.3	205.2
1580	ok	2.36						
1581	ok Av	9.31	0.28	0.16	9.2	5.2	420.3	235.9
1582	ok Av	42.28	1.00	0.92	46.8	30.6	1709.4	1397.0
1583	ok Av	11.63	0.40	0.16	13.2	5.2	602.2	238.6
1584	ok	2.46						
1585	ok Av	12.68	0.43	0.23	14.2	7.5	649.0	342.1
1586	ok Av	12.53	0.41	0.42	13.7	14.0	623.2	636.3
1587	ok Av	10.80	0.31	0.22	10.4	7.2	475.4	329.5
1588	ok Av	4.58	0.16	0.01	5.2	0.4	237.5	17.8
1589	ok Av	13.19	0.38	0.28	12.5	9.4	570.3	430.8
1590	ok Av	19.17	0.65	0.14	21.6	4.7	983.5	214.1
1591	ok Av	6.14	0.19	0.13	6.4	4.3	290.2	197.0
1592	ok Av	6.21	0.16	0.17	5.3	5.8	242.0	262.5
1593	ok Av	10.18	0.33	0.20	11.1	6.5	504.0	298.2
1594	ok Av	25.68	0.71	0.63	23.4	21.0	1067.7	958.6
1595	ok Av	11.54	0.19	0.36	6.4	11.9	290.6	544.0
1596	ok Av	14.68	0.17	0.49	5.6	16.4	256.4	746.5
1597	ok Av	18.10	0.33	0.53	10.8	17.5	493.8	798.9
1598	ok	1.52						
1599	ok	1.77						
1600	ok	1.87						
1601	ok	2.17						
1602	ok	3.05						
1603	ok	2.40						
1604	ok	0.85						
1605	ok	1.24						
1606	ok	0.93						
1607	ok	0.79						
1608	ok	0.0						
1609	ok	0.0						
1610	ok	0.0						
1611	ok	0.0						
1612	ok	1.43						
1613	ok	1.19						
1614	ok	1.73						
1615	ok	1.50						
1616	ok	1.47						
1617	ok	1.15						
1618	ok	0.0						
1619	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1620	ok	0.0						
1621	ok	0.0						
1622	ok	1.85						
1623	ok	0.0						
1624	ok	0.0						
1625	ok	0.0						
1626	ok	0.0						
1627	ok	0.0						
1628	ok	0.0						
1629	ok	0.0						
1630	ok	0.0						
1631	ok	1.95						
1632	ok	1.21						
1633	ok	1.52						
1634	ok	0.0						
1635	ok	1.60						
1636	ok	1.28						
1637	ok	1.20						
1638	ok	1.55						
1639	ok	1.05						
1640	ok	0.86						
1641	ok	1.05						
1642	ok	1.30						
1643	ok	0.71						
1644	ok	0.95						
1645	ok	0.78						
1646	ok	0.62						
1647	ok	0.50						
1648	ok	0.57						
1649	ok	0.70						
1650	ok	0.69						
1651	ok	0.85						
1652	ok	0.92						
1653	ok	0.76						
1654	ok	0.73						
1655	ok	0.54						
1656	ok	0.50						
1657	ok	0.62						
1658	ok	1.00						
1659	ok	0.78						
1660	ok	0.57						
1661	ok	1.04						
1662	ok	0.61						
1663	ok	0.82						
1664	ok	0.92						
1665	ok	0.58						
1666	ok	0.75						
1667	ok	1.02						
1668	ok	0.81						
1669	ok	0.62						
1670	ok	0.88						
1671	ok	0.66						
1672	ok	0.77						
1673	ok	0.71						
1674	ok	0.72						
1675	ok	0.81						
1676	ok	0.62						
1677	ok	0.52						
1678	ok	0.64						
1679	ok	0.53						
1680	ok	0.69						
1681	ok	0.55						
1682	ok	1.06						
1683	ok	0.75						
1684	ok	0.91						
1685	ok	1.28						
1686	ok	0.87						
1687	ok	1.06						
1688	ok	1.17						
1689	ok	0.98						
1690	ok	0.80						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1691	ok	1.38						
1692	ok	0.96						
1693	ok	1.14						
1694	ok	1.37						
1695	ok	1.00						
1696	ok	1.15						
1697	ok	1.17						
1698	ok	1.08						
1699	ok	1.09						
1700	ok	1.28						
1701	ok	1.12						
1702	ok	1.03						
1703	ok	1.04						
1704	ok	1.31						
1705	ok	1.16						
1706	ok	1.04						
1707	ok	1.07						
1708	ok	1.13						
1709	ok	1.20						
1710	ok	1.77						
1711	ok	1.54						
1712	ok	1.49						
1713	ok	2.87						
1714	ok	2.19						
1715	ok	1.64						
1716	ok Av	10.18	0.30	0.18	9.9	6.1	449.3	276.5
1717	ok	2.51						
1718	ok	2.48						
1719	ok Av	13.22	0.45	0.21	14.8	6.9	676.9	313.9
1720	ok	3.77						
1721	ok	3.00						
1722	ok Av	11.49	0.30	0.26	9.9	8.7	453.5	396.9
1723	ok	3.74						
1724	ok	3.12						
1725	ok Av	5.91	0.18	0.13	5.8	4.4	264.7	198.5
1726	ok Av	4.41	0.03	0.15	1.0	4.9	47.2	223.4
1727	ok Av	5.17	0.02	0.18	0.8	5.9	37.7	266.9
1728	ok Av	13.20	0.16	0.43	5.2	14.4	236.8	655.5
1729	ok Av	4.65	0.04	0.16	1.4	5.2	64.0	238.3
1730	ok	1.17						
1731	ok	0.0						
1732	ok	1.35						
1733	ok	0.0						
1734	ok	0.0						
1735	ok	0.0						
1736	ok	1.61						
1737	ok	1.34						
1738	ok	1.22						
1739	ok	0.0						
1740	ok	0.0						
1741	ok	0.0						
1742	ok	1.53						
1743	ok	1.40						
1744	ok	1.18						
1745	ok	1.18						
1746	ok	1.38						
1747	ok	1.38						
1748	ok	1.01						
1749	ok	1.02						
1750	ok	1.02						
1751	ok	0.0						
1752	ok	1.29						
1753	ok	1.41						
1754	ok	1.04						
1755	ok	0.81						
1756	ok	0.75						
1757	ok	1.05						
1758	ok	1.99						
1759	ok	1.42						
1760	ok	0.0						
1761	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1762	ok	0.0						
1763	ok	0.0						
1764	ok	0.0						
1765	ok	1.28						
1766	ok	1.71						
1767	ok	0.76						
1768	ok	0.81						
1769	ok	0.99						
1770	ok	1.14						
1771	ok	0.88						
1772	ok	1.26						
1773	ok	1.31						
1774	ok	1.09						
1775	ok	1.25						
1776	ok	0.94						
1777	ok	0.77						
1778	ok	0.78						
1779	ok	0.93						
1780	ok	1.20						
1781	ok	1.50						
1782	ok	1.35						
1783	ok	1.65						
1784	ok	1.63						
1785	ok	1.31						
1786	ok	1.49						
1787	ok	1.01						
1788	ok	1.12						
1789	ok	0.97						
1790	ok	1.08						
1791	ok	1.20						
1792	ok	1.87						
1793	ok	2.37						
1794	ok	0.89						
1795	ok	0.87						
1796	ok	0.86						
1797	ok	0.85						
1798	ok	0.84						
1799	ok	0.92						
1800	ok	0.91						
1801	ok	0.91						
1802	ok	1.60						
1803	ok	1.55						
1804	ok	1.70						
1805	ok	1.33						
1806	ok	1.17						
1807	ok	1.04						
1808	ok	1.21						
1809	ok	1.31						
1810	ok	1.32						
1811	ok	1.20						
1812	ok	1.07						
1813	ok	0.96						
1814	ok	0.82						
1815	ok	0.99						
1816	ok	1.09						
1817	ok	1.10						
1818	ok	1.05						
1819	ok	0.98						
1820	ok	0.86						
1821	ok	0.78						
1822	ok	0.81						
1823	ok	0.79						
1824	ok	1.46						
1825	ok	0.57						
1826	ok	1.42						
1827	ok	1.31						
1828	ok	1.16						
1829	ok	1.03						
1830	ok	0.88						
1831	ok	0.73						
1832	ok	0.66						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1833	ok	0.72						
1834	ok	0.57						
1835	ok	0.45						
1836	ok	0.49						
1837	ok	0.51						
1838	ok	0.53						
1839	ok	0.55						
1840	ok	0.81						
1841	ok	1.10						
1842	ok	0.69						
1843	ok	0.68						
1844	ok	0.55						
1845	ok	0.58						
1846	ok	0.55						
1847	ok	0.70						
1848	ok	0.62						
1849	ok	0.80						
1850	ok	0.68						
1851	ok	0.90						
1852	ok	0.73						
1853	ok	1.00						
1854	ok	0.79						
1855	ok	1.07						
1856	ok	0.0						
1857	ok	0.76						
1858	ok	0.0						
1859	ok	0.0						
1860	ok	3.30						
1861	ok	2.23						
1862	ok	1.66						
1863	ok	1.26						
1864	ok	0.96						
1865	ok	0.73						
1866	ok	0.74						
1867	ok	0.75						
1868	ok	0.77						
1869	ok	1.90						
1870	ok	2.50						
1871	ok	0.0						
1872	ok	0.0						
1873	ok	0.71						
1874	ok	0.82						
1875	ok	0.91						
1876	ok	0.97						
1877	ok	0.89						
1878	ok	1.04						
1879	ok	1.17						
1880	ok	1.26						
1881	ok	1.07						
1882	ok	1.27						
1883	ok	1.47						
1884	ok	1.63						
1885	ok	1.28						
1886	ok	1.54						
1887	ok	1.85						
1888	ok	2.14						
1889	ok	1.48						
1890	ok	1.84						
1891	ok	2.32						
1892	ok	2.94						
1893	ok	1.71						
1894	ok	2.23						
1895	ok	3.06						
1896	ok	0.0						
1897	ok	1.87						
1898	ok	2.49						
1899	ok	0.0						
1900	ok	0.0						
1901	ok	0.0						
1902	ok	0.79						
1903	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1904	ok	0.0						
1905	ok	2.95						
1906	ok	2.10						
1907	ok	1.56						
1908	ok	1.19						
1909	ok	0.91						
1910	ok	1.74						
1911	ok	1.10						
1912	ok	1.67						
1913	ok	1.52						
1914	ok	1.35						
1915	ok	1.14						
1916	ok	0.94						
1917	ok	0.72						
1918	ok	0.88						
1919	ok	0.96						
1920	ok	0.85						
1921	ok	0.0						
1922	ok	2.19						
1923	ok	0.81						
1924	ok	0.77						
1925	ok	1.06						
1926	ok	0.90						
1927	ok	1.38						
1928	ok	1.16						
1929	ok	1.79						
1930	ok	1.43						
1931	ok	2.25						
1932	ok	1.75						
1933	ok	2.80						
1934	ok	2.08						
1935	ok	0.0						
1936	ok	2.24						
1937	ok	0.0						
1938	ok	0.0						
1939	ok	0.0						
1940	ok	1.30						
1941	ok	0.0						
1942	ok	0.0						
1943	ok	1.78						
1944	ok	1.63						
1945	ok	0.0						
1946	ok	0.0						
1947	ok	0.0						
1948	ok	0.0						
1949	ok	0.0						
1950	ok	0.0						
1951	ok	0.0						
1952	ok	0.0						
1953	ok	0.0						
1954	ok	0.0						
1955	ok	1.24						
1956	ok	1.29						
1957	ok	1.75						
1958	ok	1.80						
1959	ok	0.84						
1960	ok	0.78						
1961	ok	0.79						
1962	ok	0.94						
1963	ok	0.80						
1964	ok	0.98						
1965	ok	1.74						
1966	ok	1.43						
1967	ok	1.21						
1968	ok	1.01						
1969	ok	2.49						
1970	ok	1.61						
1971	ok	2.35						
1972	ok	1.68						
1973	ok	1.62						
1974	ok	1.30						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1975	ok	2.24						
1976	ok	1.60						
1977	ok	1.05						
1978	ok	1.00						
1979	ok	0.83						
1980	ok	0.96						
1981	ok	1.25						
1982	ok	0.80						
1983	ok	0.87						
1984	ok	1.06						
1985	ok	1.51						
1986	ok	1.34						
1987	ok	2.22						
1988	ok	1.81						
1989	ok	1.85						
1990	ok	1.57						
1991	ok	2.57						
1992	ok	2.02						
1993	ok	2.59						
1994	ok	2.02						
1995	ok	1.89						
1996	ok	1.52						
1997	ok	2.36						
1998	ok	1.81						
1999	ok	1.20						
2000	ok	1.09						
2001	ok	1.49						
2002	ok	1.26						
2003	ok	1.03						
2004	ok	1.04						
2005	ok	1.53						
2006	ok	1.36						
2007	ok	2.17						
2008	ok	1.62						
2009	ok	3.06						
2010	ok	1.96						
2011	ok	0.0						
2012	ok	2.29						
2013	ok	0.0						
2014	ok	2.68						
2015	ok	0.0						
2016	ok Av	5.66	0.03	0.19	1.0	6.4	43.8	292.8
2017	ok	1.51						
2018	ok	0.0						
2019	ok	0.86						
2020	ok	0.97						
2021	ok	1.14						
2022	ok	1.29						
2023	ok	1.02						
2024	ok	1.24						
2025	ok	0.87						
2026	ok	0.71						
2027	ok	0.64						
2028	ok	0.95						
2029	ok	0.72						
2030	ok	0.73						
2031	ok	1.50						
2032	ok	0.0						
2033	ok	1.24						
2034	ok	1.60						
2035	ok	1.87						
2036	ok	0.0						
2037	ok	0.0						
2038	ok	0.0						
2039	ok	0.0						
2040	ok	0.0						
2041	ok	1.63						
2042	ok	0.0						
2043	ok	0.0						
2044	ok	0.0						
2045	ok	0.92						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2046	ok	1.11						
2047	ok	1.27						
2048	ok	1.52						
2049	ok	0.82						
2050	ok	0.85						
2051	ok	0.56						
2052	ok	0.71						
2053	ok	0.71						
2054	ok	0.85						
2055	ok	0.0						
2056	ok	0.0						
2057	ok	1.65						
2058	ok	1.51						
2059	ok	0.0						
2060	ok	0.0						
2061	ok	0.50						
2062	ok	0.61						
2063	ok	0.0						
2064	ok	2.24						
2065	ok	0.0						
2066	ok	1.34						
2067	ok	1.03						
2068	ok	1.06						
2069	ok	0.60						
2070	ok	0.88						
2071	ok	1.55						
2072	ok	0.75						
2073	ok	0.98						
2074	ok	1.45						
2075	ok	1.75						
2076	ok	1.70						
2077	ok Av	4.53	0.14	0.07	4.6	2.4	207.7	109.2
2078	ok	3.02						
2079	ok	2.49						
2080	ok	2.23						
2081	ok Av	6.86	0.21	0.11	7.0	3.6	320.6	163.1
2082	ok Av	4.20	0.09	0.12	2.9	4.0	130.6	182.8
2083	ok Av	10.28	0.13	0.34	4.3	11.4	195.7	519.5
2084	ok Av	5.20	0.04	0.18	1.4	5.9	63.4	268.2
2085	ok	3.92						
2086	ok	2.78						
2087	ok Av	6.88	0.18	0.16	5.9	5.3	269.2	240.3
2088	ok	3.83						
2089	ok	1.17						
2090	ok	1.26						
2091	ok	1.99						
2092	ok	1.81						
2093	ok	0.81						
2094	ok	1.08						
2095	ok	0.0						
2096	ok	0.0						
2097	ok	0.0						
2098	ok	0.0						
2099	ok	0.0						
2100	ok	0.0						
2101	ok	0.0						
2102	ok	0.0						
2103	ok Av	17.85	0.24	0.58	8.1	19.3	367.8	880.2
2104	ok Av	10.64	0.29	0.23	9.5	7.5	433.1	340.9
2105	ok	2.71						
2106	ok	2.62						
2107	ok	1.07						
2108	ok	0.87						
2109	ok	1.30						
2110	ok	0.77						
2111	ok	0.68						
2112	ok	1.00						
2113	ok	0.87						
2114	ok	0.92						
2115	ok	0.83						
2116	ok	0.57						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2117	ok	0.63						
2118	ok	0.77						
2119	ok	0.75						
2120	ok	0.65						
2121	ok	0.60						
2122	ok	1.17						
2123	ok	1.06						
2124	ok	1.27						
2125	ok	1.47						
2126	ok	1.59						
2127	ok	1.15						
2128	ok	1.42						
2129	ok	0.76						
2130	ok	0.98						
2131	ok	0.75						
2132	ok	0.0						
2133	ok	0.0						
2134	ok	0.0						
2135	ok	0.0						
2136	ok	0.0						
2137	ok	0.0						
2138	ok	0.0						
2139	ok	0.0						
2140	ok	0.93						
2141	ok	0.48						
2142	ok	0.82						
2143	ok	1.37						
2144	ok	1.65						
2145	ok	3.46						
2146	ok	2.34						
2147	ok Av	8.68	0.26	0.17	8.8	5.7	400.6	259.1
2149	ok	3.27						
2150	ok Av	8.82	0.28	0.14	9.4	4.5	430.7	204.3
2151	ok	0.0						
2152	ok	0.0						
2153	ok	0.0						
2154	ok	0.0						
2155	ok Av	10.30	0.33	0.13	11.0	4.2	500.6	190.8
2156	ok	3.12						
2157	ok	0.83						
2158	ok	1.09						
2159	ok	1.90						
2160	ok	0.80						
2161	ok	0.70						
2162	ok	0.73						
2163	ok	0.90						
2164	ok	0.89						
2165	ok	0.92						
2166	ok	0.97						
2167	ok	0.98						
2168	ok	0.91						
2169	ok	0.65						
2170	ok	0.48						
2171	ok	0.60						
2172	ok	0.0						
2173	ok	1.37						
2174	ok	0.0						
2175	ok	0.0						
2176	ok	0.0						
2177	ok	0.0						
2178	ok	0.89						
2179	ok	0.44						
2180	ok	0.73						
2181	ok	1.36						
2182	ok	1.60						
2183	ok Av	4.22	0.13	0.06	4.3	2.1	197.2	94.4
2184	ok	2.33						
2185	ok Av	6.28	0.20	0.09	6.5	3.0	296.3	139.0
2186	ok Av	9.89	0.12	0.33	4.0	10.8	182.8	494.2
2187	ok	3.70						
2188	ok Av	5.85	0.16	0.14	5.2	4.6	236.6	211.5

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2189	ok	1.18						
2190	ok	1.93						
2191	ok	0.85						
2192	ok	1.83						
2193	ok	3.42						
2194	ok	0.0						
2195	ok	0.0						
2196	ok	0.0						
2197	ok	0.0						
2198	ok	0.0						
2199	ok	0.79						
2200	ok	0.87						
2201	ok	1.10						
2202	ok	1.35						
2203	ok	1.65						
2204	ok	2.14						
2205	ok	0.0						
2206	ok	1.71						
2207	ok	1.28						
2208	ok	1.00						
2209	ok	0.78						
2210	ok	0.57						
2211	ok	0.86						
2212	ok	0.88						
2213	ok	0.87						
2214	ok	0.85						
2215	ok	0.78						
2216	ok	0.80						
2217	ok	0.70						
2218	ok	0.68						
2219	ok	0.68						
2220	ok	0.64						
2221	ok	0.98						
2222	ok	0.84						
2223	ok	0.72						
2224	ok	0.62						
2225	ok	0.51						
2226	ok	1.18						
2227	ok	0.98						
2228	ok	0.81						
2229	ok	0.68						
2230	ok	0.52						
2231	ok	1.39						
2232	ok	1.12						
2233	ok	0.89						
2234	ok	0.73						
2235	ok	0.54						
2236	ok	1.62						
2237	ok	1.22						
2238	ok	0.94						
2239	ok	0.75						
2240	ok	0.54						
2241	ok	1.73						
2242	ok	1.27						
2243	ok	0.97						
2244	ok	0.76						
2245	ok	0.56						
2246	ok	0.0						
2247	ok	0.70						
2248	ok	0.90						
2249	ok	1.13						
2250	ok	1.44						
2251	ok	1.87						
2252	ok	0.0						
2253	ok	0.0						
2254	ok	0.63						
2255	ok	0.0						
2256	ok	0.74						
2257	ok	0.79						
2258	ok	0.98						
2259	ok	1.21						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2260	ok	1.53						
2261	ok	2.18						
2262	ok	0.0						
2263	ok	0.0						
2264	ok	0.0						
2265	ok	0.75						
2266	ok	0.95						
2267	ok	1.19						
2268	ok	1.54						
2269	ok	2.16						
2270	ok	0.0						
2271	ok	0.0						
2272	ok	0.82						
2273	ok	0.78						
2274	ok	0.71						
2275	ok	0.68						
2276	ok	1.62						
2277	ok	0.90						
2278	ok	1.10						
2279	ok	1.33						
2280	ok	1.54						
2281	ok	1.70						
2282	ok	1.76						
2283	ok	1.72						
2284	ok	1.17						
2285	ok	0.0						
2286	ok	0.0						
2287	ok	0.86						
2288	ok	0.85						
2289	ok	0.83						
2290	ok	1.03						
2291	ok	1.00						
2292	ok	0.99						
2293	ok	1.22						
2294	ok	1.13						
2295	ok	1.18						
2296	ok	1.37						
2297	ok	1.28						
2298	ok	1.45						
2299	ok	1.45						
2300	ok	1.36						
2301	ok	1.89						
2302	ok	1.37						
2303	ok	1.50						
2304	ok	0.0						
2305	ok	1.26						
2306	ok	0.0						
2307	ok	0.0						
2308	ok	0.78						
2309	ok	3.07						
2310	ok	0.84						
2311	ok	0.87						
2312	ok	1.16						
2313	ok	1.52						
2314	ok	1.93						
2315	ok	2.36						
2316	ok	2.76						
2317	ok	3.05						
2318	ok	2.25						
2319	ok	0.91						
2320	ok	1.14						
2321	ok	1.42						
2322	ok	1.72						
2323	ok	2.00						
2324	ok	2.20						
2325	ok	2.29						
2326	ok	0.71						
2327	ok	4.07						
2328	ok	0.82						
2329	ok	1.15						
2330	ok	1.58						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2331	ok	2.09						
2332	ok	2.68						
2333	ok	3.35						
2334	ok	3.93						
2335	ok	0.66						
2336	ok Av	5.69	0.19	0.02	6.5	0.7	294.7	31.5
2337	ok	0.81						
2338	ok	1.16						
2339	ok	1.66						
2340	ok	2.28						
2341	ok	3.07						
2342	ok Av	4.18	0.10	0.10	3.3	3.4	148.9	156.8
2343	ok Av	5.35	0.17	0.09	5.5	3.0	252.7	136.9
2344	ok	0.61						
2345	ok	0.60						
2346	ok	0.58						
2347	ok	0.72						
2348	ok	0.70						
2349	ok	0.55						
2350	ok	0.53						
2351	ok	0.65						
2352	ok	0.0						
2353	ok	1.23						
2354	ok	0.0						
2355	ok	0.0						
2356	ok	0.0						
2357	ok	0.0						
2358	ok	0.92						
2359	ok	0.46						
2360	ok	0.73						
2361	ok	1.28						
2362	ok	1.59						
2363	ok	3.09						
2364	ok	2.19						
2365	ok Av	4.89	0.12	0.12	4.0	3.9	182.0	178.8
2366	ok Av	5.64	0.05	0.19	1.7	6.4	77.5	291.6
2367	ok	2.81						
2368	ok Av	4.37	0.07	0.13	2.3	4.4	106.3	200.5
2369	ok	1.22						
2370	ok	1.79						
2371	ok	0.90						
2372	ok	1.47						
2373	ok Av	11.52	0.39	0.09	13.1	3.0	596.4	134.9
2374	ok	0.79						
2375	ok	1.17						
2376	ok	1.75						
2377	ok	2.47						
2378	ok	3.49						
2379	ok Av	5.29	0.08	0.17	2.8	5.5	126.1	253.0
2380	ok Av	9.51	0.28	0.28	9.2	9.3	417.9	423.3
2381	ok Av	11.37	0.39	0.09	12.9	3.0	588.0	137.2
2382	ok	0.83						
2383	ok	1.24						
2384	ok	1.78						
2385	ok	2.47						
2386	ok	3.47						
2387	ok Av	5.23	0.08	0.17	2.8	5.5	125.5	251.1
2388	ok Av	9.42	0.27	0.28	9.0	9.3	409.4	424.4
2390	ok	0.79						
2391	ok	1.19						
2392	ok	1.78						
2393	ok	2.53						
2394	ok	3.61						
2395	ok Av	5.75	0.02	0.20	0.7	6.5	29.9	298.0
2396	ok Av	12.52	0.07	0.43	2.2	14.2	102.3	648.5
2397	ok	3.36						
2398	ok	0.90						
2399	ok	1.16						
2400	ok	1.50						
2401	ok	1.92						
2402	ok	2.39						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2403	ok	2.89						
2404	ok	3.27						
2405	ok Av	5.28	0.18	0.02	6.0	0.7	273.2	32.8
2406	ok	0.91						
2407	ok	1.25						
2408	ok	1.69						
2409	ok	2.25						
2410	ok	3.00						
2411	ok	4.04						
2412	ok Av	5.07	0.16	0.08	5.3	2.7	241.1	123.8
2413	ok	0.0						
2414	ok	0.47						
2415	ok	0.63						
2416	ok	0.84						
2417	ok	1.04						
2418	ok	1.16						
2419	ok	1.53						
2420	ok	0.0						
2421	ok	1.61						
2422	ok	2.34						
2423	ok	0.65						
2424	ok	0.80						
2425	ok	0.83						
2426	ok	1.02						
2427	ok	1.05						
2428	ok	1.28						
2429	ok	1.27						
2430	ok	1.58						
2431	ok	1.46						
2432	ok	1.88						
2433	ok	1.57						
2434	ok	2.14						
2435	ok	1.62						
2436	ok	2.31						
2437	ok	0.0						
2438	ok	1.23						
2439	ok	0.86						
2440	ok	0.65						
2441	ok	1.00						
2442	ok	1.50						
2443	ok	0.0						
2444	ok	0.0						
2445	ok	0.0						
2446	ok	0.80						
2447	ok	0.53						
2448	ok	0.73						
2449	ok	0.97						
2450	ok	1.35						
2451	ok	0.0						
2452	ok	0.0						
2453	ok	0.0						
2454	ok	0.0						
2455	ok	1.18						
2456	ok	0.72						
2457	ok	0.92						
2458	ok	1.63						
2459	ok	0.0						
2460	ok	0.0						
2461	ok	0.0						
2462	ok	0.0						
2463	ok	1.29						
2464	ok	0.83						
2465	ok	0.90						
2466	ok	1.33						
2467	ok	0.0						
2468	ok	0.0						
2469	ok	1.39						
2470	ok	1.43						
2471	ok	1.03						
2472	ok	0.80						
2473	ok	0.73						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2474	ok	0.81						
2475	ok	1.05						
2476	ok	1.25						
2477	ok	0.0						
2478	ok	0.0						
2479	ok	1.23						
2480	ok	0.83						
2481	ok	0.76						
2482	ok	1.06						
2483	ok	1.67						
2484	ok	2.16						
2485	ok	0.81						
2486	ok	0.88						
2487	ok	0.83						
2488	ok	0.79						
2489	ok	0.75						
2490	ok	0.73						
2491	ok	0.75						
2492	ok	0.78						
2493	ok	0.56						
2494	ok	0.72						
2495	ok	0.99						
2496	ok	0.51						
2497	ok	0.68						
2498	ok	1.03						
2499	ok	0.53						
2500	ok	0.62						
2501	ok	0.83						
2502	ok	0.53						
2503	ok	0.56						
2504	ok	0.69						
2505	ok	0.50						
2506	ok	0.52						
2507	ok	0.62						
2508	ok	0.48						
2509	ok	0.52						
2510	ok	0.65						
2511	ok	0.47						
2512	ok	0.56						
2513	ok	0.75						
2514	ok	0.50						
2515	ok	0.64						
2516	ok	0.88						
2517	ok	1.31						
2518	ok	1.44						
2519	ok	1.25						
2520	ok	1.10						
2521	ok	0.99						
2522	ok	0.98						
2523	ok	1.05						
2524	ok	1.20						
2525	ok	0.0						
2526	ok	2.32						
2527	ok	1.71						
2528	ok	1.31						
2529	ok	1.09						
2530	ok	1.23						
2531	ok	2.20						
2532	ok	0.0						
2533	ok	1.79						
2534	ok	1.84						
2535	ok	1.49						
2536	ok	1.23						
2537	ok	1.07						
2538	ok	1.16						
2539	ok	1.47						
2540	ok	1.64						
2541	ok	0.0						
2542	ok	2.73						
2543	ok	1.85						
2544	ok	1.34						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2545	ok	1.06						
2546	ok	1.32						
2547	ok	0.0						
2548	ok	0.0						
2549	ok	0.0						
2550	ok	2.65						
2551	ok	1.76						
2552	ok	1.20						
2553	ok	0.90						
2554	ok	1.23						
2555	ok	0.0						
2556	ok	0.0						
2557	ok	0.0						
2558	ok	1.91						
2559	ok	1.27						
2560	ok	0.95						
2561	ok	0.78						
2562	ok	0.83						
2563	ok	0.0						
2564	ok	0.0						
2565	ok	0.0						
2566	ok	0.0						
2567	ok	0.0						
2568	ok	1.32						
2569	ok	0.85						
2570	ok	1.09						
2571	ok	1.54						
2572	ok	2.35						
2573	ok	1.14						
2574	ok	1.17						
2575	ok	0.91						
2576	ok	0.68						
2577	ok	0.56						
2578	ok	0.61						
2579	ok	0.79						
2580	ok	0.97						
2581	ok	0.0						
2582	ok	0.0						
2583	ok	0.96						
2584	ok	0.67						
2585	ok	0.66						
2586	ok	0.78						
2587	ok	1.06						
2588	ok	1.46						
2589	ok	1.94						
2590	ok	0.89						
2591	ok	0.71						
2592	ok	0.57						
2593	ok	0.51						
2594	ok	0.90						
2595	ok	1.32						
2596	ok	1.74						
2597	ok	3.87						
2598	ok	1.09						
2599	ok	0.78						
2600	ok	0.51						
2601	ok	0.71						
2602	ok	1.24						
2603	ok	2.30						
2604	ok	3.57						
2605	ok	2.06						
2606	ok Av	17.89	0.24	0.60	8.0	20.0	365.7	911.7
2607	ok	1.26						
2608	ok	0.86						
2609	ok	0.62						
2610	ok	0.89						
2611	ok	1.41						
2612	ok	2.94						
2613	ok Av	14.17	0.40	0.27	13.3	9.1	606.8	413.3
2614	ok	0.0						
2615	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2616	ok	1.61						
2617	ok	1.05						
2618	ok	0.90						
2619	ok	1.24						
2620	ok	1.76						
2621	ok	3.22						
2622	ok	0.0						
2623	ok	0.0						
2624	ok	0.0						
2625	ok	1.48						
2626	ok	1.04						
2627	ok	1.09						
2628	ok	1.42						
2629	ok	2.05						
2630	ok	0.0						
2631	ok	0.0						
2632	ok	0.0						
2633	ok	0.0						
2634	ok	1.37						
2635	ok	1.23						
2636	ok	1.31						
2637	ok	1.54						
2638	ok	2.02						
2639	ok	0.0						
2640	ok	0.0						
2641	ok	0.0						
2642	ok	0.0						
2643	ok	3.76						
2644	ok	3.24						
2645	ok	2.89						
2646	ok	2.62						
2647	ok	2.37						
2648	ok	0.0						
2649	ok	0.0						
2650	ok	0.0						
2651	ok	0.0						
2652	ok	0.0						
2653	ok	1.72						
2654	ok	0.0						
2655	ok	0.50						
2656	ok	2.84						
2657	ok	0.0						
2658	ok	2.76						
2659	ok	0.0						
2660	ok	0.0						
2661	ok	0.0						
2662	ok	0.0						
2663	ok	0.0						
2664	ok	0.0						
2665	ok	1.63						
2666	ok	0.0						
2667	ok	0.0						
2668	ok	0.0						
2669	ok	0.61						
2670	ok	0.60						
2671	ok	0.58						
2672	ok	0.85						
2673	ok	1.26						
2674	ok	0.61						
2675	ok	0.87						
2676	ok	1.30						
2677	ok	1.49						
2678	ok	1.43						
2679	ok	1.19						
2680	ok	0.88						
2681	ok	1.14						
2682	ok	0.85						
2683	ok	1.75						
2684	ok	1.74						
2685	ok	0.0						
2686	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2687	ok	0.0						
2688	ok	1.90						
2689	ok	0.0						
2690	ok	2.04						
2691	ok	0.0						
2692	ok	0.0						
2693	ok	1.39						
2694	ok	1.43						
2695	ok	1.74						
2696	ok	2.08						
2697	ok	2.41						
2698	ok	0.0						
2699	ok	1.84						
2700	ok	2.33						
2701	ok	0.0						
2702	ok	0.0						
2703	ok	0.55						
2704	ok	0.56						
2705	ok	0.77						
2706	ok	1.06						
2707	ok	0.80						
2708	ok	1.09						
2709	ok	1.61						
2710	ok	0.0						
2711	ok	1.35						
2712	ok	1.17						
2713	ok	1.00						
2714	ok	0.82						
2715	ok	0.56						
2716	ok	1.54						
2717	ok	1.23						
2718	ok	0.99						
2719	ok	0.80						
2720	ok	0.57						
2721	ok	0.0						
2722	ok	0.0						
2723	ok	0.0						
2724	ok	0.0						
2725	ok	0.0						
2726	ok	0.0						
2727	ok	1.52						
2728	ok	1.58						
2729	ok	1.05						
2730	ok	0.0						
2731	ok	0.0						
2732	ok	1.06						
2733	ok	0.0						
2734	ok	0.0						
2735	ok	2.61						
2736	ok	2.93						
2737	ok	2.00						
2738	ok	2.17						
2739	ok	3.25						
2740	ok	3.82						
2741	ok	4.15						
2742	ok Av	5.25	0.17	0.08	5.5	2.7	252.5	123.6
2743	ok Av	5.57	0.10	0.17	3.2	5.7	148.0	257.8
2744	ok Av	9.59	0.29	0.28	9.6	9.2	435.8	417.5
2745	ok Av	5.66	0.10	0.18	3.2	5.8	144.1	265.4
2746	ok Av	9.80	0.29	0.28	9.7	9.2	442.5	421.7
2747	ok Av	6.06	0.03	0.21	0.9	6.9	40.8	313.9
2748	ok Av	12.99	0.07	0.44	2.3	14.8	106.6	672.8
2749	ok	2.92						
2750	ok	3.26						
2751	ok	4.16						
2752	ok Av	5.07	0.16	0.07	5.4	2.4	247.9	108.1
2753	ok	1.61						
2754	ok	0.0						
2755	ok	1.59						
2756	ok	2.16						
2757	ok	1.61						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2758	ok	2.30						
2759	ok	0.0						
2760	ok	0.0						
2761	ok	0.0						
2762	ok	0.0						
2763	ok	0.0						
2764	ok	0.0						
2765	ok	0.0						
2766	ok	0.0						
2767	ok	1.39						
2768	ok	1.44						
2769	ok	1.91						
2770	ok	2.16						
2771	ok	0.83						
2772	ok	0.83						
2773	ok	0.67						
2774	ok	0.81						
2775	ok	1.05						
2776	ok	0.62						
2777	ok	0.78						
2778	ok	1.05						
2779	ok	1.31						
2780	ok	1.35						
2781	ok	2.54						
2782	ok	0.0						
2783	ok	1.77						
2784	ok	1.93						
2785	ok	0.0						
2786	ok	0.0						
2787	ok	0.0						
2788	ok	0.0						
2789	ok	0.0						
2790	ok	0.0						
2791	ok	0.0						
2792	ok	0.0						
2793	ok	1.50						
2794	ok	1.34						
2795	ok	1.71						
2796	ok	0.0						
2797	ok	2.08						
2798	ok	2.16						
2799	ok	3.29						
2800	ok Av	4.37	0.10	0.11	3.5	3.5	158.6	161.7
2801	ok Av	4.17	0.08	0.12	2.5	4.0	114.9	182.9
2802	ok Av	14.82	0.42	0.29	13.9	9.5	633.4	433.4
2803	ok	0.0						
2804	ok	0.0						
2805	ok	0.0						
2806	ok	0.0						
2807	ok	0.0						
2808	ok	0.0						
2809	ok	2.34						
2810	ok	1.92						
2811	ok	0.0						
2812	ok	0.0						
2813	ok	0.0						
2814	ok	0.0						
2815	ok	0.0						
2816	ok	0.0						
2817	ok	1.62						
2818	ok	1.65						
2819	ok	0.0						
2820	ok	0.0						
2821	ok	0.63						
2822	ok	0.61						
2823	ok	0.51						
2824	ok	0.80						
2825	ok	1.14						
2826	ok	0.55						
2827	ok	0.84						
2828	ok	1.19						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2829	ok	1.67						
2830	ok	1.56						
2831	ok	1.30						
2832	ok	0.93						
2833	ok	1.23						
2834	ok	0.90						
2835	ok	2.04						
2836	ok	1.83						
2837	ok	2.22						
2838	ok	1.36						
2839	ok	2.42						
2840	ok	2.32						
2841	ok	1.79						
2842	ok	1.95						
2843	ok	2.16						
2844	ok	0.0						
2845	ok	1.27						
2846	ok	1.32						
2847	ok	1.62						
2848	ok	1.91						
2849	ok	2.08						
2850	ok	2.01						
2851	ok	1.65						
2852	ok	1.92						
2853	ok	2.05						
2854	ok	1.69						
2855	ok	0.49						
2856	ok	0.51						
2857	ok	0.67						
2858	ok	0.95						
2859	ok	0.72						
2860	ok	1.00						
2861	ok	1.01						
2862	ok	1.12						
2863	ok	1.19						
2864	ok	1.20						
2865	ok	1.10						
2866	ok	0.93						
2867	ok	0.59						
2868	ok	1.20						
2869	ok	1.14						
2870	ok	1.02						
2871	ok	0.85						
2872	ok	0.56						
2873	ok	0.84						
2874	ok	1.19						
2875	ok	0.80						
2876	ok	0.0						
2877	ok	0.81						
2878	ok	1.39						
2879	ok	1.24						
2880	ok	1.40						
2881	ok	0.93						
2882	ok	0.71						
2883	ok	0.76						
2884	ok	1.02						
2885	ok	0.87						
2886	ok	1.13						
2887	ok	1.88						
2888	ok	2.23						
2889	ok	1.54						
2890	ok	1.78						
2891	ok	2.15						
2892	ok	2.65						
2893	ok	2.47						
2894	ok	3.18						
2895	ok	2.81						
2896	ok	3.81						
2897	ok	2.79						
2898	ok	3.83						
2899	ok	2.90						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2900	ok	4.03						
2901	ok	2.03						
2902	ok	2.48						
2903	ok	2.45						
2904	ok	3.19						
2905	ok	1.24						
2906	ok	1.27						
2907	ok	1.41						
2908	ok	1.68						
2909	ok	1.53						
2910	ok	1.94						
2911	ok	1.45						
2912	ok	0.0						
2913	ok	1.25						
2914	ok	1.63						
2915	ok	1.42						
2916	ok	2.10						
2917	ok	1.45						
2918	ok	1.81						
2919	ok	1.18						
2920	ok	1.29						
2921	ok	1.40						
2922	ok	1.62						
2923	ok	0.75						
2924	ok	0.80						
2925	ok	0.70						
2926	ok	0.81						
2927	ok	0.98						
2928	ok	0.69						
2929	ok	0.82						
2930	ok	1.02						
2931	ok	1.10						
2932	ok	1.21						
2933	ok	1.55						
2934	ok	1.91						
2935	ok	1.31						
2936	ok	1.52						
2937	ok	1.79						
2938	ok	2.41						
2939	ok	1.90						
2940	ok	0.0						
2941	ok	1.65						
2942	ok	1.87						
2943	ok	1.79						
2944	ok	2.36						
2945	ok	1.50						
2946	ok	1.55						
2947	ok	1.51						
2948	ok	1.60						
2949	ok	1.76						
2950	ok	1.96						
2951	ok	2.02						
2952	ok	2.48						
2953	ok	2.15						
2954	ok	2.80						
2955	ok	2.26						
2956	ok	2.92						
2957	ok	1.59						
2958	ok	2.20						
2959	ok	1.32						
2960	ok	0.0						
2961	ok	1.16						
2962	ok	0.0						
2963	ok	2.28						
2964	ok	0.0						
2965	ok	0.0						
2966	ok	2.01						
2967	ok	0.0						
2968	ok	0.0						
2969	ok	1.62						
2970	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
2971	ok	0.0						
2972	ok	1.28						
2973	ok	1.63						
2974	ok	1.45						
2975	ok	1.51						
2976	ok	0.0						
2977	ok	0.0						
2978	ok	0.62						
2979	ok	0.65						
2980	ok	0.64						
2981	ok	0.38						
2982	ok	0.64						
2983	ok	0.94						
2984	ok	0.46						
2985	ok	0.74						
2986	ok	1.08						
2987	ok	0.40						
2988	ok	0.69						
2989	ok	1.00						
2990	ok	1.91						
2991	ok	1.82						
2992	ok	1.90						
2993	ok	1.38						
2994	ok	0.95						
2995	ok	1.37						
2996	ok	0.97						
2997	ok	1.39						
2998	ok	0.97						
2999	ok	2.64						
3000	ok	2.37						
3001	ok	2.61						
3002	ok	0.0						
3003	ok	0.0						
3004	ok	0.0						
3005	ok	0.0						
3006	ok	0.0						
3007	ok	0.0						
3008	ok	3.19						
3009	ok	0.0						
3010	ok	0.0						
3011	ok	0.0						
3012	ok	0.0						
3013	ok	0.0						
3014	ok	1.14						
3015	ok	1.23						
3016	ok	1.18						
3017	ok	1.59						
3018	ok	2.13						
3019	ok	2.88						
3020	ok	0.0						
3021	ok	1.61						
3022	ok	2.00						
3023	ok	2.45						
3024	ok	3.21						
3025	ok	1.61						
3026	ok	2.09						
3027	ok	2.75						
3028	ok	0.0						
3029	ok	0.51						
3030	ok	0.46						
3031	ok	0.46						
3032	ok	0.43						
3033	ok	0.73						
3034	ok	0.59						
3035	ok	0.89						
3036	ok	0.49						
3037	ok	0.79						
3038	ok	2.43						
3039	ok	1.23						
3040	ok	1.68						
3041	ok	2.56						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3042	ok	2.30						
3043	ok	1.87						
3044	ok	1.44						
3045	ok	0.81						
3046	ok	1.41						
3047	ok	1.41						
3048	ok	1.27						
3049	ok	1.07						
3050	ok	0.65						
3051	ok	1.83						
3052	ok	1.75						
3053	ok	1.52						
3054	ok	1.23						
3055	ok	0.72						
3056	ok	2.36						
3057	ok	1.01						
3058	ok	1.44						
3059	ok	1.42						
3060	ok	0.64						
3061	ok	0.96						
3062	ok	1.89						
3063	ok	0.84						
3064	ok	1.25						
3065	ok	0.66						
3066	ok	1.05						
3067	ok	0.84						
3068	ok	0.48						
3069	ok	0.60						
3070	ok	0.96						
3071	ok	0.77						
3072	ok	0.52						
3073	ok	0.48						
3074	ok	0.57						
3075	ok	0.37						
3076	ok	0.63						
3077	ok	0.96						
3078	ok	1.52						
3079	ok	1.21						
3080	ok	0.82						
3081	ok	1.28						
3082	ok	1.03						
3083	ok	1.03						
3084	ok	1.70						
3085	ok	1.32						
3086	ok	1.09						
3087	ok	1.88						
3088	ok	1.43						
3089	ok	1.14						
3090	ok	2.06						
3091	ok	1.53						
3092	ok	0.91						
3093	ok	1.99						
3094	ok	1.39						
3095	ok	1.07						
3096	ok	2.08						
3097	ok	1.50						
3098	ok	0.62						
3099	ok	1.54						
3100	ok	1.07						
3101	ok	0.75						
3102	ok	1.79						
3103	ok	1.23						
3104	ok	0.91						
3105	ok	1.10						
3106	ok	0.92						
3107	ok	0.73						
3108	ok	0.60						
3109	ok	1.18						
3110	ok	1.33						
3111	ok	0.91						
3112	ok	0.95						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3113	ok	1.14						
3114	ok	1.17						
3115	ok	1.09						
3116	ok	1.08						
3117	ok	1.12						
3118	ok	1.02						
3119	ok	1.11						
3120	ok	1.18						
3121	ok	1.07						
3122	ok	1.06						
3123	ok	1.21						
3124	ok	1.07						
3125	ok	0.98						
3126	ok	1.07						
3127	ok	0.99						
3128	ok	1.08						
3129	ok	1.21						
3130	ok	1.09						
3131	ok	0.59						
3132	ok	0.70						
3133	ok	0.64						
3134	ok	0.62						
3135	ok	0.73						
3136	ok	0.84						
3137	ok	0.69						
3138	ok	0.78						
3139	ok	0.91						
3140	ok	0.65						
3141	ok	0.74						
3142	ok	0.86						
3143	ok	0.64						
3144	ok	0.95						
3145	ok	0.78						
3146	ok	0.78						
3147	ok	1.24						
3148	ok	0.98						
3149	ok	0.69						
3150	ok	1.09						
3151	ok	0.87						
3152	ok	0.89						
3153	ok	1.41						
3154	ok	1.12						
3155	ok	0.94						
3156	ok	1.50						
3157	ok	1.19						
3158	ok	0.90						
3159	ok	1.41						
3160	ok	1.14						
3161	ok	0.92						
3162	ok	1.46						
3163	ok	1.16						
3164	ok	0.88						
3165	ok	1.35						
3166	ok	1.12						
3167	ok	0.85						
3168	ok	1.33						
3169	ok	1.10						
3170	ok	0.95						
3171	ok	1.50						
3172	ok	1.22						
3173	ok	0.95						
3174	ok	1.62						
3175	ok	1.27						
3176	ok	0.98						
3177	ok	1.67						
3178	ok	1.29						
3179	ok	0.93						
3180	ok	1.76						
3181	ok	1.36						
3182	ok	1.97						
3183	ok	1.12						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3184	ok	1.22						
3185	ok	0.0						
3186	ok	1.00						
3187	ok	1.08						
3188	ok	0.0						
3189	ok	1.44						
3190	ok	1.56						
3191	ok	0.0						
3192	ok	0.0						
3193	ok	0.0						
3194	ok	0.0						
3195	ok	2.30						
3196	ok	2.06						
3197	ok	1.16						
3198	ok	1.22						
3199	ok	1.61						
3200	ok	1.57						
3201	ok	0.56						
3202	ok	0.59						
3203	ok	0.36						
3204	ok	0.50						
3205	ok	0.79						
3206	ok	0.37						
3207	ok	0.57						
3208	ok	0.88						
3209	ok	1.47						
3210	ok	1.77						
3211	ok	1.12						
3212	ok	0.82						
3213	ok	1.30						
3214	ok	0.92						
3215	ok	1.94						
3216	ok	2.46						
3217	ok	0.0						
3218	ok	0.0						
3219	ok	0.0						
3220	ok	2.73						
3221	ok	0.0						
3222	ok	0.0						
3223	ok	0.0						
3224	ok	0.0						
3225	ok	0.96						
3226	ok	1.07						
3227	ok	1.35						
3228	ok	1.78						
3229	ok	2.31						
3230	ok	3.16						
3231	ok	1.51						
3232	ok	2.03						
3233	ok	2.76						
3234	ok	0.0						
3235	ok	0.64						
3236	ok	0.59						
3237	ok	0.40						
3238	ok	0.59						
3239	ok	0.37						
3240	ok	0.66						
3241	ok	0.0						
3242	ok	0.0						
3243	ok	0.0						
3244	ok	0.0						
3245	ok	2.72						
3246	ok	1.87						
3247	ok	1.04						
3248	ok	0.0						
3249	ok	3.43						
3250	ok	2.36						
3251	ok	1.70						
3252	ok	0.94						
3253	ok	2.71						
3254	ok	3.19						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3255	ok	3.50						
3256	ok	1.66						
3257	ok	2.17						
3258	ok	2.81						
3259	ok	1.93						
3260	ok	2.23						
3261	ok	1.96						
3262	ok	2.39						
3263	ok	1.96						
3264	ok	2.25						
3265	ok	1.80						
3266	ok	1.19						
3267	ok	1.21						
3268	ok	1.38						
3269	ok	1.52						
3270	ok	1.85						
3271	ok	2.46						
3272	ok	4.10						
3273	ok	1.82						
3274	ok	1.68						
3275	ok	1.55						
3276	ok	1.64						
3277	ok	2.23						
3278	ok	2.07						
3279	ok	2.74						
3280	ok	2.65						
3281	ok	2.23						
3282	ok	2.71						
3283	ok	3.57						
3284	ok Av	6.96	0.13	0.22	4.3	7.4	195.2	337.8
3285	ok	2.24						
3286	ok	1.77						
3287	ok	1.80						
3288	ok	2.53						
3289	ok Av	5.23	0.09	0.16	3.1	5.4	143.1	246.7
3290	ok Av	8.25	0.22	0.28	7.2	9.2	326.2	421.4
3291	ok	2.53						
3292	ok	2.28						
3293	ok	3.30						
3294	ok	3.01						
3295	ok	3.91						
3296	ok Av	4.76	0.07	0.16	2.3	5.4	102.9	246.6
3297	ok Av	6.72	0.13	0.19	4.3	6.5	194.3	294.6
3298	ok	3.83						
3299	ok Av	4.73	0.14	0.08	4.8	2.5	217.2	115.2
3300	ok Av	13.16	0.44	0.09	14.7	2.8	672.5	129.6
3301	ok Av	17.75	0.48	0.38	15.8	12.5	721.4	570.0
3302	ok Av	9.72	0.08	0.33	2.6	11.0	120.3	502.3
3306	ok	3.94						
3307	ok Av	15.19	0.06	0.52	2.0	17.1	89.4	781.9
3311	ok Av	8.53	0.16	0.27	5.2	9.0	235.0	411.2
3312	ok Av	24.04	0.10	0.82	3.4	27.3	153.2	1244.3
3316	ok Av	20.71	0.21	0.70	7.0	23.1	320.5	1052.0
3317	ok	2.43						
3318	ok	1.39						
3319	ok	1.52						
3320	ok	1.45						
3321	ok	1.90						
3322	ok	3.11						
3323	ok	3.96						
3324	ok	1.26						
3325	ok	1.11						
3326	ok	1.10						
3327	ok	1.05						
3328	ok	1.29						
3329	ok	1.11						
3330	ok	0.84						
3331	ok	0.65						
3332	ok	3.61						
3333	ok	1.29						
3334	ok	1.73						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3335	ok	2.56						
3336	ok	2.28						
3337	ok	1.42						
3338	ok	1.50						
3339	ok	1.40						
3340	ok	1.29						
3341	ok	3.78						
3342	ok	3.52						
3343	ok	2.36						
3344	ok	2.25						
3345	ok Av	4.57	0.08	0.14	2.6	4.8	117.8	216.9
3346	ok	1.66						
3347	ok	2.14						
3348	ok	1.99						
3349	ok	1.68						
3350	ok	2.10						
3351	ok Av	6.42	0.08	0.22	2.6	7.2	119.8	326.3
3352	ok	3.09						
3353	ok	2.99						
3354	ok	1.88						
3355	ok	2.65						
3356	ok	2.29						
3357	ok	1.49						
3358	ok	2.08						
3359	ok Av	7.36	0.25	0.10	8.3	3.4	378.6	157.1
3360	ok Av	11.55	0.17	0.39	5.6	13.0	256.6	593.3
3361	ok Av	8.60	0.27	0.16	8.8	5.4	401.3	246.0
3362	ok Av	4.29	0.15	5.74e-03	4.9	0.2	222.3	8.7
3363	ok	3.53						
3364	ok Av	10.96	0.20	0.35	6.6	11.6	300.3	528.7
3365	ok Av	9.80	0.30	0.21	9.9	6.8	450.0	310.1
3366	ok	2.73						
3367	ok Av	5.27	0.14	0.12	4.7	3.9	212.9	176.0
3368	ok Av	12.06	0.21	0.41	7.1	13.5	323.5	617.6
3369	ok	0.0						
3370	ok	0.0						
3371	ok	0.0						
3372	ok	2.18						
3373	ok	0.0						
3374	ok	0.0						
3375	ok	0.60						
3376	ok	0.57						
3377	ok	0.81						
3378	ok	1.17						
3379	ok	1.79						
3380	ok	0.65						
3381	ok	0.92						
3382	ok	1.44						
3383	ok	0.61						
3384	ok	0.76						
3385	ok	0.56						
3386	ok	0.66						
3387	ok	0.63						
3388	ok	0.79						
3389	ok	0.65						
3390	ok	0.83						
3391	ok	0.67						
3392	ok	0.84						
3393	ok	0.67						
3394	ok	0.59						
3395	ok	0.63						
3396	ok	0.76						
3397	ok	0.98						
3398	ok	0.49						
3399	ok	0.79						
3400	ok	0.37						
3401	ok	1.75						
3402	ok	1.22						
3403	ok	1.47						
3404	ok	1.20						
3405	ok	0.98						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3406	ok	0.71						
3407	ok	1.85						
3408	ok	1.43						
3409	ok	1.92						
3410	ok	1.41						
3411	ok	1.65						
3412	ok	1.33						
3413	ok	1.53						
3414	ok	1.27						
3415	ok	1.16						
3416	ok	1.03						
3417	ok	1.39						
3418	ok	1.19						
3419	ok	0.46						
3420	ok	0.54						
3421	ok	0.58						
3422	ok	0.76						
3423	ok	0.95						
3424	ok	0.60						
3425	ok	0.73						
3426	ok	0.86						
3427	ok	0.34						
3428	ok	0.49						
3429	ok	0.45						
3430	ok	0.59						
3431	ok	0.37						
3432	ok	0.52						
3433	ok	0.57						
3434	ok	0.69						
3435	ok	0.59						
3436	ok	0.72						
3437	ok	0.58						
3438	ok	0.66						
3439	ok	0.60						
3440	ok	0.69						
3441	ok	0.56						
3442	ok	0.63						
3443	ok	0.54						
3444	ok	0.61						
3445	ok	0.53						
3446	ok	0.65						
3447	ok	0.45						
3448	ok	0.64						
3449	ok	0.58						
3450	ok	0.70						
3451	ok	0.0						
3452	ok	0.66						
3453	ok	0.0						
3454	ok	0.0						
3455	ok	4.13						
3456	ok	1.18						
3457	ok	0.0						
3458	ok Av	4.60	0.03	0.15	1.0	5.1	47.2	233.8
3459	ok	0.0						
3460	ok	0.0						
3461	ok	2.99						
3462	ok	0.0						
3463	ok Av	11.86	0.25	0.32	8.2	10.7	375.8	487.2
3464	ok	0.0						
3465	ok Av	10.22	9.58e-03	0.35	0.3	11.6	14.5	529.3
3466	ok	1.52						
3467	ok Av	7.68	4.35e-03	0.26	0.1	8.7	6.6	398.0
3468	ok	1.94						
3469	ok	0.0						
3470	ok	0.0						
3471	ok Av	8.93	0.05	0.30	1.5	10.1	69.3	458.7
3472	ok	2.94						
3473	ok	1.19						
3474	ok	0.0						
3475	ok	0.0						
3476	ok	2.27						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3477	ok	1.13						
3478	ok	1.61						
3479	ok	0.54						
3480	ok	0.35						
3481	ok	0.47						
3482	ok	0.76						
3483	ok	1.21						
3484	ok	0.99						
3485	ok	0.77						
3486	ok	1.47						
3487	ok	2.42						
3488	ok	2.18						
3489	ok	1.82						
3490	ok	2.55						
3491	ok	0.90						
3492	ok	1.23						
3493	ok	1.58						
3494	ok	1.95						
3495	ok	2.33						
3496	ok	0.73						
3497	ok	0.48						
3498	ok	0.58						
3499	ok	0.0						
3500	ok	0.0						
3501	ok	0.0						
3502	ok	2.82						
3503	ok	1.94						
3504	ok	1.11						
3505	ok	0.0						
3506	ok	0.0						
3507	ok	0.0						
3508	ok	0.62						
3509	ok	0.92						
3510	ok	1.35						
3511	ok	2.00						
3512	ok	0.54						
3513	ok	0.50						
3514	ok	0.56						
3515	ok	0.64						
3516	ok	0.72						
3517	ok	0.95						
3518	ok	0.79						
3519	ok	1.47						
3520	ok	1.17						
3521	ok	2.40						
3522	ok	2.10						
3523	ok	1.79						
3524	ok	2.28						
3525	ok	2.52						
3526	ok	1.96						
3527	ok	1.80						
3528	ok	1.26						
3529	ok	1.54						
3530	ok	0.46						
3531	ok	0.62						
3532	ok	0.81						
3533	ok	1.02						
3534	ok	0.28						
3535	ok	0.49						
3536	ok	0.37						
3537	ok	0.64						
3538	ok	0.74						
3539	ok	0.81						
3540	ok	0.78						
3541	ok	0.80						
3542	ok	0.77						
3543	ok	0.78						
3544	ok	0.75						
3545	ok	0.73						
3546	ok	2.61						
3547	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3548	ok	0.0						
3549	ok Av	6.38	0.11	0.19	3.8	6.2	171.2	282.9
3550	ok	0.0						
3551	ok	0.0						
3552	ok	0.90						
3553	ok Av	4.23	0.07	0.13	2.4	4.2	108.7	190.0
3554	ok	3.53						
3555	ok	0.0						
3556	ok	2.39						
3557	ok	1.28						
3558	ok Av	15.73	1.87e-03	0.54	6.19e-02	17.9	2.8	814.7
3559	ok Av	16.50	6.71e-03	0.57	0.2	18.7	10.1	854.8
3560	ok Av	17.28	5.39e-03	0.59	0.2	19.6	8.2	894.8
3561	ok	0.0						
3562	ok	0.0						
3563	ok Av	6.45	3.70e-03	0.22	0.1	7.3	5.6	334.0
3564	ok	0.0						
3565	ok	3.84						
3566	ok Av	13.86	0.07	0.47	2.2	15.6	101.0	712.7
3567	ok Av	25.83	0.26	0.85	8.7	28.0	396.6	1278.2
3568	ok	0.0						
3569	ok	0.0						
3570	ok Av	5.42	2.23e-03	0.19	7.40e-02	6.2	3.4	280.8
3571	ok Av	4.55	1.88e-03	0.16	6.24e-02	5.2	2.8	235.8
3572	ok	2.55						
3573	ok Av	20.32	0.02	0.70	0.5	23.1	23.7	1052.2
3574	ok Av	24.60	0.02	0.84	0.8	27.9	37.1	1273.5
3575	ok	0.0						
3576	ok Av	6.01	0.01	0.21	0.3	6.8	15.8	311.0
3577	ok	3.49						
3578	ok	2.50						
3579	ok	2.19						
3580	ok	0.47						
3581	ok	0.77						
3582	ok	2.35						
3583	ok	1.03						
3584	ok	0.88						
3585	ok	0.66						
3586	ok	2.04						
3587	ok	0.65						
3588	ok	1.06						
3589	ok	0.39						
3590	ok	0.38						
3591	ok	1.39						
3592	ok	2.18						
3593	ok	1.98						
3594	ok	0.0						
3595	ok	1.69						
3596	ok	0.0						
3597	ok	2.73						
3598	ok	2.48						
3599	ok	2.39						
3600	ok	1.76						
3601	ok	2.58						
3602	ok	1.94						
3603	ok	1.47						
3604	ok	0.76						
3605	ok	1.01						
3606	ok	0.83						
3607	ok	1.14						
3608	ok	1.45						
3609	ok	1.20						
3610	ok	0.89						
3611	ok	0.59						
3612	ok	0.70						
3613	ok	0.65						
3614	ok	0.44						
3615	ok	0.41						
3616	ok	0.40						
3617	ok	0.40						
3618	ok	0.67						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3619	ok	0.50						
3620	ok	0.32						
3621	ok	0.51						
3622	ok	1.27						
3623	ok	0.86						
3624	ok	0.84						
3625	ok	1.25						
3626	ok	1.10						
3627	ok	0.80						
3628	ok	0.73						
3629	ok	0.91						
3630	ok	0.85						
3631	ok	1.12						
3632	ok	0.91						
3633	ok	0.63						
3634	ok	0.94						
3635	ok	1.53						
3636	ok	1.01						
3637	ok	0.90						
3638	ok	0.97						
3639	ok	1.24						
3640	ok	1.04						
3641	ok	0.67						
3642	ok	0.46						
3643	ok	1.09						
3644	ok	1.72						
3645	ok	1.25						
3646	ok	0.62						
3647	ok	0.82						
3648	ok	0.72						
3649	ok	0.79						
3650	ok	0.94						
3651	ok	1.07						
3652	ok	1.13						
3653	ok	1.08						
3654	ok	1.34						
3655	ok	1.57						
3656	ok	1.72						
3657	ok	0.92						
3658	ok	1.11						
3659	ok	1.26						
3660	ok	1.32						
3661	ok	0.72						
3662	ok	0.81						
3663	ok	0.83						
3664	ok	0.49						
3665	ok	0.55						
3666	ok	0.58						
3667	ok	0.59						
3668	ok	0.54						
3669	ok	0.60						
3670	ok	2.73						
3671	ok	0.0						
3672	ok	0.0						
3673	ok	2.70						
3674	ok	2.33						
3675	ok	1.88						
3676	ok	1.49						
3677	ok	0.95						
3678	ok	0.0						
3679	ok	0.0						
3680	ok	2.80						
3681	ok	1.96						
3682	ok	1.14						
3683	ok	0.0						
3684	ok	3.45						
3685	ok	2.40						
3686	ok	1.77						
3687	ok	1.08						
3688	ok	2.69						
3689	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3690	ok	0.0						
3691	ok	2.05						
3692	ok	0.0						
3693	ok	2.65						
3694	ok	2.43						
3695	ok	0.0						
3696	ok	0.0						
3697	ok	0.71						
3698	ok	0.64						
3699	ok	0.65						
3700	ok	0.86						
3701	ok	1.20						
3702	ok	1.61						
3703	ok	0.98						
3704	ok	1.43						
3705	ok	2.08						
3706	ok	0.94						
3707	ok	1.35						
3708	ok	1.90						
3709	ok	0.81						
3710	ok	0.57						
3711	ok	0.65						
3712	ok	0.72						
3713	ok	0.53						
3714	ok	0.60						
3715	ok	0.93						
3716	ok	0.61						
3717	ok	0.74						
3718	ok	1.15						
3719	ok	0.73						
3720	ok	0.91						
3721	ok	1.44						
3722	ok	0.91						
3723	ok	1.16						
3724	ok	2.00						
3725	ok	1.35						
3726	ok	1.69						
3727	ok	1.73						
3728	ok	1.11						
3729	ok	1.42						
3730	ok	2.56						
3731	ok	2.09						
3732	ok	2.53						
3733	ok	2.25						
3734	ok	1.66						
3735	ok	2.02						
3736	ok	0.0						
3737	ok	0.0						
3738	ok	0.0						
3739	ok	0.0						
3740	ok	0.0						
3741	ok	0.0						
3742	ok	2.72						
3743	ok	0.0						
3744	ok	0.0						
3745	ok	0.0						
3746	ok	3.08						
3747	ok	3.87						
3748	ok	0.0						
3749	ok	0.0						
3750	ok	0.0						
3751	ok	3.07						
3752	ok	2.46						
3753	ok	2.89						
3754	ok	2.59						
3755	ok	2.17						
3756	ok	2.47						
3757	ok	1.56						
3758	ok	1.42						
3759	ok	1.53						
3760	ok	2.02						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3761	ok	1.79						
3762	ok	1.96						
3763	ok	0.55						
3764	ok	0.51						
3765	ok	0.54						
3766	ok	0.71						
3767	ok	0.95						
3768	ok	1.22						
3769	ok	0.68						
3770	ok	0.89						
3771	ok	1.14						
3772	ok	0.71						
3773	ok	0.94						
3774	ok	1.20						
3775	ok	0.59						
3776	ok	0.41						
3777	ok	0.51						
3778	ok	0.98						
3779	ok	0.66						
3780	ok	0.83						
3781	ok	0.75						
3782	ok	0.50						
3783	ok	0.63						
3784	ok	1.32						
3785	ok	0.87						
3786	ok	1.10						
3787	ok	1.76						
3788	ok	1.05						
3789	ok	1.40						
3790	ok	2.39						
3791	ok	1.22						
3792	ok	1.73						
3793	ok	2.06						
3794	ok	1.14						
3795	ok	1.57						
3796	ok	2.70						
3797	ok	1.24						
3798	ok	1.85						
3799	ok	2.62						
3800	ok	1.21						
3801	ok	1.78						
3802	ok	2.55						
3803	ok	1.18						
3804	ok	1.74						
3805	ok	2.14						
3806	ok	1.10						
3807	ok	1.55						
3808	ok	1.96						
3809	ok	1.02						
3810	ok	1.48						
3811	ok	0.0						
3812	ok	2.47						
3813	ok	0.0						
3814	ok	1.84						
3815	ok	1.23						
3816	ok	3.31						
3817	ok	0.0						
3818	ok	3.11						
3819	ok	0.0						
3820	ok	2.84						
3821	ok	3.11						
3822	ok	2.46						
3823	ok	0.0						
3824	ok	1.47						
3825	ok	2.33						
3826	ok	0.0						
3827	ok	1.70						
3828	ok	1.15						
3829	ok	1.01						
3830	ok	0.0						
3831	ok	0.93						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3832	ok	0.84						
3833	ok	0.0						
3834	ok	1.74						
3835	ok Av	4.60	0.03	0.16	0.9	5.2	40.9	235.1
3836	ok	2.40						
3837	ok	0.0						
3838	ok	0.0						
3839	ok	2.83						
3840	ok	0.0						
3841	ok	0.0						
3842	ok	3.97						
3843	ok	0.0						
3844	ok	0.0						
3845	ok Av	4.27	0.03	0.14	0.9	4.8	39.6	217.6
3846	ok	0.0						
3847	ok	0.0						
3848	ok	0.0						
3849	ok	0.0						
3850	ok	0.0						
3851	ok	0.0						
3852	ok	0.0						
3853	ok	0.0						
3854	ok	2.07						
3855	ok	0.0						
3856	ok	0.0						
3857	ok	0.0						
3858	ok	0.0						
3859	ok	1.65						
3860	ok	1.54						
3861	ok	1.48						
3862	ok	1.20						
3863	ok	1.09						
3864	ok	1.17						
3865	ok	0.74						
3866	ok	0.65						
3867	ok	0.72						
3868	ok	0.94						
3869	ok	0.90						
3870	ok	0.83						
3871	ok	0.50						
3872	ok	0.55						
3873	ok	0.55						
3874	ok	1.40						
3875	ok	1.53						
3876	ok	1.46						
3877	ok	1.09						
3878	ok	0.84						
3879	ok	0.64						
3880	ok	1.14						
3881	ok	1.19						
3882	ok	0.88						
3883	ok	0.92						
3884	ok	0.67						
3885	ok	0.68						
3886	ok	2.13						
3887	ok	2.52						
3888	ok	2.32						
3889	ok	1.77						
3890	ok	1.87						
3891	ok	1.98						
3892	ok	2.44						
3893	ok	2.98						
3894	ok	2.68						
3895	ok	3.74						
3896	ok Av	4.50	0.12	0.11	4.0	3.6	180.7	164.1
3897	ok Av	5.85	0.20	0.04	6.6	1.4	300.4	63.5
3898	ok Av	10.74	0.16	0.34	5.3	11.2	243.1	510.4
3899	ok	2.62						
3900	ok	2.15						
3901	ok	1.83						
3902	ok	2.30						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3903	ok	2.91						
3904	ok	1.85						
3905	ok	1.80						
3906	ok	0.93						
3907	ok Av	7.54	0.24	0.12	8.0	4.0	363.2	181.5
3908	ok	3.72						
3909	ok	1.99						
3910	ok Av	11.71	0.18	0.39	5.8	12.8	266.6	584.0
3911	ok Av	7.29	0.21	0.13	7.1	4.3	322.6	196.1
3912	ok	2.04						
3913	ok	1.19						
3914	ok Av	7.86	0.27	0.12	8.8	3.9	402.9	179.6
3915	ok Av	4.34	0.10	0.11	3.3	3.6	151.5	165.9
3916	ok Av	4.57	0.16	6.70e-03	5.2	0.2	236.5	10.1
3917	ok Av	7.16	0.24	0.05	8.0	1.8	365.7	82.9
3918	ok Av	10.76	0.16	0.37	5.2	12.1	235.0	552.7
3919	ok Av	5.30	0.12	0.15	3.9	4.9	177.5	225.0
3920	ok	2.77						
3921	ok Av	9.80	0.27	0.21	9.1	7.0	415.8	317.3
3922	ok Av	11.39	0.20	0.38	6.7	12.6	307.7	572.6
3923	ok Av	6.94	0.24	0.07	7.9	2.2	358.6	100.5
3924	ok	3.62						
3925	ok Av	8.16	0.25	0.14	8.2	4.5	374.5	204.7
3932	ok Av	9.78	0.19	0.33	6.4	11.1	292.7	505.1
3942	ok	1.65						
3943	ok	2.10						
3944	ok	0.0						
3945	ok	1.40						
3946	ok	1.16						
3947	ok	0.0						
3948	ok	0.0						
3949	ok	0.0						
3950	ok	0.0						
3951	ok	0.0						
3952	ok	0.0						
3953	ok	0.54						
3954	ok	0.83						
3955	ok	1.01						
3956	ok	0.73						
3957	ok Av	7.48	0.25	0.09	8.3	3.0	380.1	136.8
3958	ok Av	5.26	0.18	0.03	5.9	0.8	271.3	38.6
3959	ok	2.95						
3960	ok Av	7.68	0.26	0.09	8.7	3.0	395.0	138.8
3961	ok Av	15.54	0.26	0.46	8.8	15.3	400.6	697.9
3962	ok Av	5.02	0.17	0.02	5.7	0.5	259.7	23.9
3963	ok	3.54						
3964	ok	0.98						
3965	ok	2.72						
3966	ok	3.12						
3967	ok	0.96						
3968	ok	1.32						
3969	ok	1.92						
3970	ok Av	8.87	0.29	0.11	9.5	3.6	431.6	163.6
3971	ok Av	8.74	0.29	0.12	9.6	3.9	438.2	177.6
3972	ok Av	13.83	0.21	0.45	7.0	14.8	320.4	675.8
3973	ok Av	4.35	0.15	0.03	4.9	1.0	224.8	45.9
3974	ok	2.13						
3975	ok	1.56						
3976	ok	1.68						
3977	ok	2.03						
3978	ok	1.84						
3979	ok Av	16.62	0.21	0.54	6.8	17.9	311.1	815.5
3980	ok Av	10.26	0.35	0.09	11.6	3.0	531.0	138.4
3981	ok Av	10.26	0.35	0.09	11.6	3.0	531.3	135.9
3982	ok Av	12.79	0.31	0.43	10.2	14.3	463.3	651.0
3983	ok Av	5.98	0.20	0.13	6.8	4.2	309.4	190.0
3984	ok	3.83						
3985	ok	2.07						
3986	ok	0.65						
3987	ok	1.80						
3988	ok	1.09						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3989	ok	1.06						
3990	ok	0.72						
3991	ok	0.88						
3992	ok	1.09						
3993	ok	1.33						
3994	ok	1.57						
3995	ok	1.46						
3996	ok	0.85						
3997	ok	0.60						
3998	ok	0.36						
3999	ok	0.50						
4000	ok	0.79						
4001	ok	0.76						
4002	ok	1.22						
4003	ok	0.96						
4004	ok	0.73						
4005	ok	0.52						
4006	ok	0.55						
4007	ok	0.57						
4008	ok	0.0						
4009	ok	0.81						
4010	ok	0.59						
4011	ok	0.50						
4012	ok	0.73						
4013	ok	0.95						
4014	ok	1.27						
4015	ok	1.74						
4016	ok	2.45						
4017	ok	2.99						
4018	ok	2.08						
4019	ok	1.50						
4020	ok	0.58						
4021	ok	0.52						
4022	ok	0.58						
4023	ok	0.76						
4024	ok	0.58						
4025	ok	0.43						
4026	ok	1.05						
4027	ok	0.82						
4028	ok	0.54						
4029	ok	1.46						
4030	ok	1.16						
4031	ok	0.82						
4032	ok	2.03						
4033	ok	1.60						
4034	ok	1.16						
4035	ok	1.89						
4036	ok	1.17						
4037	ok	1.54						
4038	ok	1.93						
4039	ok	1.22						
4040	ok	1.60						
4041	ok	0.42						
4042	ok	0.49						
4043	ok	0.66						
4044	ok	0.90						
4045	ok	0.47						
4046	ok	0.87						
4047	ok	0.64						
4048	ok	0.47						
4049	ok	2.90						
4050	ok	0.0						
4051	ok	1.08						
4052	ok	0.65						
4053	ok	1.14						
4054	ok	1.23						
4055	ok	2.25						
4056	ok	2.36						
4057	ok	2.80						
4058	ok	0.89						
4059	ok	0.58						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4060	ok	0.68						
4061	ok	3.10						
4062	ok	2.75						
4063	ok	2.09						
4064	ok	2.29						
4065	ok	2.35						
4066	ok	0.82						
4067	ok	3.22						
4068	ok	0.79						
4069	ok	2.41						
4070	ok	1.75						
4071	ok	2.41						
4072	ok	2.37						
4073	ok	1.02						
4074	ok	0.89						
4075	ok	0.73						
4076	ok	1.94						
4077	ok	0.91						
4078	ok	2.10						
4079	ok	0.0						
4080	ok	2.10						
4081	ok	0.0						
4082	ok	0.0						
4083	ok	2.02						
4084	ok	1.80						
4085	ok	1.43						
4086	ok	0.0						
4087	ok	1.76						
4088	ok	0.0						
4089	ok	2.02						
4090	ok	0.0						
4091	ok	2.42						
4092	ok	1.45						
4093	ok	2.01						
4094	ok	0.0						
4095	ok	0.0						
4096	ok	1.72						
4097	ok	1.99						
4098	ok	0.0						
4099	ok	0.0						
4100	ok	1.74						
4101	ok	1.25						
4102	ok	1.54						
4103	ok	0.57						
4104	ok	0.53						
4105	ok	0.49						
4106	ok	0.68						
4107	ok	0.84						
4108	ok	1.06						
4109	ok	1.35						
4110	ok	0.68						
4111	ok	0.84						
4112	ok	0.99						
4113	ok	1.12						
4114	ok	0.63						
4115	ok	0.80						
4116	ok	0.99						
4117	ok	1.23						
4118	ok	0.35						
4119	ok	0.57						
4120	ok	0.36						
4121	ok	0.43						
4122	ok	0.49						
4123	ok	0.44						
4124	ok	0.41						
4125	ok	0.27						
4126	ok	0.37						
4127	ok	0.98						
4128	ok	1.94						
4129	ok	1.40						
4130	ok	0.87						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4131	ok	0.72						
4132	ok	0.55						
4133	ok	0.43						
4134	ok	0.42						
4135	ok	1.87						
4136	ok	1.66						
4137	ok	1.40						
4138	ok	1.15						
4139	ok	0.76						
4140	ok	1.32						
4141	ok	1.15						
4142	ok	0.97						
4143	ok	0.80						
4144	ok	0.52						
4145	ok	0.98						
4146	ok	1.88						
4147	ok	1.36						
4148	ok	0.94						
4149	ok	1.59						
4150	ok	1.23						
4151	ok	0.98						
4152	ok	1.78						
4153	ok	1.33						
4154	ok	1.00						
4155	ok	0.82						
4156	ok	0.92						
4157	ok	0.85						
4158	ok	0.83						
4159	ok	0.87						
4160	ok	0.85						
4161	ok	1.04						
4162	ok	1.32						
4163	ok	0.87						
4164	ok	0.92						
4165	ok	1.07						
4166	ok	1.41						
4167	ok	1.01						
4168	ok	1.20						
4169	ok	1.19						
4170	ok	0.88						
4171	ok	1.03						
4172	ok	1.66						
4173	ok	1.16						
4174	ok	1.41						
4175	ok	2.01						
4176	ok	1.41						
4177	ok	1.71						
4178	ok	2.53						
4179	ok	1.75						
4180	ok	2.13						
4181	ok	0.0						
4182	ok	2.39						
4183	ok	3.10						
4184	ok	3.24						
4185	ok	2.11						
4186	ok	2.63						
4187	ok	0.0						
4188	ok	2.36						
4189	ok	0.0						
4190	ok	0.0						
4191	ok	2.47						
4192	ok	0.0						
4193	ok	2.92						
4194	ok	0.0						
4195	ok	0.0						
4196	ok	0.0						
4197	ok	0.0						
4198	ok	0.0						
4199	ok	0.0						
4200	ok	0.0						
4201	ok	2.20						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4202	ok	2.87						
4203	ok	3.98						
4204	ok	3.32						
4205	ok	3.12						
4206	ok	0.0						
4207	ok	0.0						
4208	ok	0.84						
4209	ok Av	5.15	0.18	7.66e-03	5.8	0.3	266.5	11.6
4210	ok	2.26						
4211	ok	0.98						
4212	ok	1.77						
4213	ok	1.83						
4214	ok	3.63						
4215	ok	2.72						
4216	ok	0.92						
4217	ok	1.20						
4218	ok	0.0						
4219	ok	0.0						
4220	ok	2.10						
4221	ok	0.0						
4222	ok	2.18						
4223	ok	0.0						
4224	ok	0.0						
4225	ok	1.60						
4226	ok	0.47						
4227	ok	0.54						
4228	ok	0.68						
4229	ok	0.90						
4230	ok	1.20						
4231	ok	0.37						
4232	ok	0.42						
4233	ok	0.44						
4234	ok	0.74						
4235	ok	0.65						
4236	ok	0.51						
4237	ok	0.37						
4238	ok	0.26						
4239	ok	0.35						
4240	ok	0.76						
4241	ok	0.76						
4242	ok	0.78						
4243	ok	0.95						
4244	ok	0.81						
4245	ok	0.74						
4246	ok	0.73						
4247	ok	1.35						
4248	ok	1.14						
4249	ok	1.60						
4250	ok	1.95						
4251	ok	2.48						
4252	ok	0.0						
4253	ok	3.26						
4254	ok	0.0						
4255	ok	0.0						
4256	ok	3.06						
4257	ok	0.0						
4258	ok	0.0						
4259	ok	2.68						
4260	ok	2.99						
4261	ok	2.25						
4262	ok	0.63						
4263	ok	1.08						
4264	ok	0.80						
4265	ok	1.59						
4266	ok	0.0						
4267	ok	0.0						
4268	ok	0.0						
4270	ok	0.0						
4271	ok	0.0						
4272	ok	0.0						
4273	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4274	ok	1.39						
4275	ok	0.0						
4276	ok	0.0						
4277	ok	1.61						
4278	ok	1.42						
4279	ok	0.89						
4280	ok	1.49						
4281	ok	0.99						
4282	ok	0.94						
4283	ok	1.30						
4284	ok	1.31						
4285	ok	1.00						
4286	ok	1.02						
4287	ok	1.41						
4288	ok	0.0						
4289	ok	0.0						
4290	ok	2.39						
4291	ok	0.0						
4292	ok	2.30						
4293	ok	0.0						
4294	ok	0.0						
4295	ok	1.62						
4296	ok	0.51						
4297	ok	0.53						
4298	ok	0.67						
4299	ok	0.89						
4300	ok	1.20						
4301	ok	0.51						
4302	ok	0.55						
4303	ok	0.53						
4304	ok	0.63						
4305	ok	0.55						
4306	ok	0.41						
4307	ok	0.28						
4308	ok	0.38						
4309	ok	0.50						
4310	ok	0.66						
4311	ok	0.69						
4312	ok	0.69						
4313	ok	1.02						
4314	ok	0.85						
4315	ok	0.75						
4316	ok	0.70						
4317	ok	1.45						
4318	ok	1.21						
4319	ok	0.14						
4320	ok	3.03						
4321	ok	0.54						
4322	ok	0.63						
4323	ok	0.42						
4324	ok	1.55						
4325	ok	2.31						
4326	ok	1.43						
4327	ok	0.0						
4328	ok	2.14						
4329	ok	0.0						
4330	ok	0.0						
4331	ok	1.58						
4332	ok	0.64						
4333	ok	0.59						
4334	ok	0.64						
4335	ok	0.86						
4336	ok	1.17						
4337	ok	0.76						
4338	ok	0.78						
4339	ok	0.72						
4340	ok	0.53						
4341	ok	0.49						
4342	ok	0.43						
4343	ok	0.44						
4344	ok	0.62						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4345	ok	0.80						
4346	ok	0.55						
4347	ok	0.60						
4348	ok	0.59						
4349	ok	1.07						
4350	ok	0.89						
4351	ok	0.75						
4352	ok	0.67						
4353	ok	1.50						
4354	ok	1.26						
4355	ok	1.70						
4356	ok	1.75						
4357	ok	2.61						
4358	ok	2.72						
4359	ok	2.05						
4360	ok	2.12						
4361	ok	2.49						
4362	ok	2.06						
4363	ok	2.17						
4364	ok	2.58						
4365	ok	3.40						
4366	ok	3.78						
4367	ok	2.99						
4368	ok	3.02						
4369	ok	0.0						
4370	ok	0.0						
4371	ok	0.0						
4372	ok	0.0						
4373	ok	0.0						
4374	ok	3.48						
4375	ok	0.0						
4376	ok	3.63						
4377	ok	0.0						
4378	ok	0.0						
4379	ok	0.0						
4380	ok	0.0						
4381	ok	0.74						
4382	ok	1.08						
4383	ok	0.0						
4384	ok	0.0						
4385	ok	0.0						
4386	ok	0.0						
4387	ok	0.0						
4388	ok	0.0						
4389	ok	0.0						
4390	ok	0.0						
4391	ok	0.0						
4392	ok	0.0						
4393	ok	0.0						
4394	ok	2.23						
4395	ok Av	4.35	0.07	0.13	2.5	4.3	112.1	195.6
4396	ok	2.18						
4397	ok	0.0						
4398	ok	0.70						
4399	ok Av	4.51	0.08	0.13	2.6	4.4	118.2	201.8
4400	ok	0.0						
4401	ok	1.09						
4402	ok	1.63						
4403	ok	1.57						
4404	ok	0.64						
4405	ok	0.81						
4406	ok	0.82						
4407	ok	3.11						
4408	ok	4.11						
4409	ok	0.0						
4410	ok	0.79						
4411	ok	0.0						
4412	ok	0.0						
4413	ok	0.0						
4414	ok	0.88						
4415	ok	1.06						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4416	ok	1.35						
4417	ok	1.83						
4418	ok	2.55						
4419	ok	0.0						
4420	ok	0.91						
4421	ok	0.90						
4422	ok	1.14						
4423	ok	1.46						
4424	ok	4.16						
4425	ok	0.70						
4426	ok	0.86						
4427	ok	0.97						
4428	ok	1.21						
4429	ok	1.64						
4430	ok	2.28						
4431	ok	0.0						
4432	ok	1.23						
4433	ok	1.02						
4434	ok	1.63						
4435	ok	0.85						
4436	ok	0.80						
4437	ok	1.04						
4438	ok	1.04						
4439	ok	0.0						
4440	ok	0.0						
4441	ok	1.08						
4442	ok	1.47						
4443	ok	1.06						
4444	ok	0.0						
4445	ok	1.11						
4446	ok	1.50						
4447	ok	0.67						
4448	ok	0.86						
4449	ok	1.45						
4450	ok	0.0						
4451	ok	1.20						
4452	ok	2.29						
4453	ok	2.11						
4454	ok	0.0						
4455	ok	0.60						
4456	ok	2.02						
4457	ok	2.83						
4458	ok	0.0						
4459	ok	0.0						
4460	ok	1.32						
4461	ok	2.19						
4462	ok	0.83						
4463	ok	0.0						
4464	ok	0.0						
4465	ok	1.54						
4466	ok	0.0						
4467	ok	2.66						
4468	ok Av	4.22	0.02	0.14	0.8	4.7	37.2	215.6
4469	ok	0.75						
4470	ok	1.01						
4471	ok	1.05						
4472	ok	0.63						
4473	ok	1.72						
4474	ok	0.0						
4475	ok	0.0						
4476	ok	1.33						
4477	ok	0.0						
4478	ok	1.50						
4479	ok	2.25						
4480	ok	0.0						
4481	ok	0.0						
4482	ok	1.75						
4483	ok	2.47						
4484	ok	2.31						
4485	ok	0.0						
4486	ok	3.27						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4487	ok	0.0						
4488	ok	0.0						
4489	ok	0.50						
4490	ok	1.82						
4491	ok Av	5.01	0.17	6.55e-03	5.7	0.2	259.3	9.9
4492	ok Av	7.01	0.12	0.21	4.0	6.9	182.6	313.6
4493	ok	1.58						
4494	ok	4.10						
4495	ok	1.62						
4496	ok	0.81						
4497	ok	1.36						
4498	ok	0.0						
4499	ok Av	5.33	0.09	0.16	3.0	5.2	139.0	238.8
4500	ok	1.43						
4501	ok	3.27						
4502	ok	1.09						
4503	ok Av	5.08	0.15	0.09	4.9	3.0	224.3	137.9
4504	ok	0.0						
4505	ok	0.0						
4506	ok	1.85						
4507	ok	3.95						
4508	ok	1.86						
4509	ok	0.77						
4510	ok	0.85						
4511	ok	1.05						
4512	ok	1.29						
4513	ok	1.55						
4514	ok	1.81						
4515	ok	0.97						
4516	ok	2.26						
4517	ok	2.00						
4518	ok	1.72						
4519	ok	1.44						
4520	ok	1.18						
4521	ok	1.50						
4522	ok	3.93						
4523	ok	3.53						
4524	ok	2.92						
4525	ok	2.35						
4526	ok	1.89						
4527	ok	1.28						
4528	ok	2.90						
4529	ok	2.65						
4530	ok	2.30						
4531	ok	1.92						
4532	ok	1.58						
4533	ok	1.56						
4534	ok	0.0						
4535	ok	0.0						
4536	ok	3.83						
4537	ok	2.78						
4538	ok	2.08						
4539	ok	1.61						
4540	ok	1.58						
4541	ok	2.10						
4542	ok	2.76						
4543	ok	3.75						
4544	ok	0.0						
4545	ok	0.0						
4546	ok	2.02						
4547	ok	2.60						
4548	ok	3.39						
4549	ok Av	4.52	0.09	0.13	2.9	4.2	134.5	191.6
4550	ok	0.0						
4551	ok	1.24						
4552	ok	0.0						
4553	ok Av	4.18	0.10	0.10	3.3	3.4	149.2	156.6
4554	ok	3.12						
4555	ok	2.33						
4556	ok	1.73						
4557	ok	1.44						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4558	ok	1.95						
4559	ok	2.64						
4560	ok	3.64						
4561	ok	0.0						
4562	ok	0.0						
4563	ok	0.73						
4564	ok	2.63						
4565	ok	2.38						
4566	ok	2.01						
4567	ok	1.59						
4568	ok	1.16						
4569	ok	1.00						
4570	ok	3.53						
4571	ok	3.11						
4572	ok	2.53						
4573	ok	1.96						
4574	ok	1.45						
4575	ok	0.51						
4576	ok	2.05						
4577	ok	1.87						
4578	ok	1.60						
4579	ok	1.26						
4580	ok	0.89						
4581	ok	0.40						
4582	ok	1.71						
4583	ok	1.56						
4584	ok	1.34						
4585	ok	1.05						
4586	ok	0.73						
4587	ok	0.39						
4588	ok	1.46						
4589	ok	1.34						
4590	ok	1.15						
4591	ok	0.91						
4592	ok	0.62						
4593	ok	0.61						
4594	ok	1.03						
4595	ok	0.93						
4596	ok	0.79						
4597	ok	0.61						
4598	ok	0.49						
4599	ok	0.51						
4600	ok	0.51						
4601	ok	0.75						
4602	ok	0.96						
4603	ok	1.12						
4604	ok	1.22						
4605	ok	0.65						
4606	ok	0.46						
4607	ok	0.32						
4608	ok	0.30						
4609	ok	0.42						
4610	ok	0.54						
4611	ok	0.64						
4612	ok	0.67						
4613	ok	0.67						
4614	ok	0.47						
4615	ok	0.34						
4616	ok	0.29						
4617	ok	0.42						
4618	ok	0.56						
4619	ok	0.49						
4620	ok	0.39						
4621	ok	0.44						
4622	ok	0.56						
4623	ok	0.68						
4624	ok	0.51						
4625	ok	0.47						
4626	ok	0.61						
4627	ok	0.74						
4628	ok	0.84						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4629	ok	0.77						
4630	ok	0.68						
4631	ok	0.76						
4632	ok	0.68						
4633	ok	0.56						
4634	ok	0.41						
4635	ok	0.43						
4636	ok	0.63						
4637	ok	0.54						
4638	ok	0.43						
4639	ok	0.34						
4640	ok	0.45						
4641	ok	0.92						
4642	ok	0.44						
4643	ok	0.55						
4644	ok	0.72						
4645	ok	0.85						
4646	ok	0.93						
4647	ok	0.0						
4648	ok	1.15						
4649	ok	1.67						
4650	ok	2.42						
4651	ok	0.0						
4652	ok	0.0						
4653	ok	0.0						
4654	ok	0.0						
4655	ok	2.31						
4656	ok	1.68						
4657	ok	1.24						
4658	ok	0.0						
4659	ok	0.0						
4660	ok	2.56						
4661	ok	1.76						
4662	ok	1.23						
4663	ok	0.0						
4664	ok	3.10						
4665	ok	2.15						
4666	ok	1.52						
4667	ok	1.04						
4668	ok	2.36						
4669	ok	2.04						
4670	ok	1.64						
4671	ok	1.21						
4672	ok	0.81						
4673	ok	1.69						
4674	ok	1.54						
4675	ok	1.29						
4676	ok	0.98						
4677	ok	0.66						
4678	ok	1.26						
4679	ok	1.16						
4680	ok	0.99						
4681	ok	0.76						
4682	ok	0.51						
4683	ok	2.46						
4684	ok	0.83						
4685	ok	1.12						
4686	ok	1.47						
4687	ok	1.82						
4688	ok	2.02						
4689	ok	0.0						
4690	ok	0.0						
4691	ok	0.0						
4692	ok	2.72						
4693	ok	1.92						
4694	ok	1.40						
4695	ok	1.01						
4696	ok	0.0						
4697	ok	0.0						
4698	ok	2.33						
4699	ok	1.62						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4700	ok	1.14						
4701	ok	1.18						
4702	ok	1.33						
4703	ok	1.06						
4704	ok	0.92						
4705	ok	0.94						
4707	ok	1.05						
4708	ok	0.97						
4709	ok	3.36						
4710	ok	1.73						
4711	ok Av	4.42	0.15	5.29e-03	5.0	0.2	228.8	8.0
4712	ok	2.62						
4713	ok	0.72						
4714	ok	0.72						
4715	ok	0.96						
4716	ok	1.33						
4717	ok	1.03						
4718	ok	0.54						
4719	ok	0.57						
4720	ok	0.69						
4721	ok	0.0						
4722	ok	0.82						
4723	ok	0.70						
4724	ok	0.57						
4725	ok	0.60						
4726	ok	1.32						
4727	ok	1.30						
4728	ok	1.05						
4729	ok	0.82						
4730	ok	0.66						
4732	ok	1.76						
4733	ok	1.35						
4734	ok	2.46						
4735	ok	2.13						
4738	ok	2.52						
4739	ok	0.57						
4748	ok	0.79						
4752	ok	0.88						
4753	ok	0.71						
4754	ok	2.18						
4756	ok	2.29						
4760	ok Av	4.93	0.17	7.20e-03	5.6	0.2	255.2	10.9
4761	ok	1.89						
4764	ok	4.01						
4765	ok Av	4.28	0.15	0.01	4.9	0.3	221.5	15.6
4766	ok	0.76						
4767	ok	1.86						
4768	ok Av	4.60	0.05	0.16	1.6	5.2	75.1	235.9
4769	ok Av	4.45	0.15	0.01	5.0	0.4	229.9	17.7
4770	ok	2.91						
4771	ok Av	5.00	0.17	3.71e-03	5.7	0.1	258.9	5.6
4772	ok	2.69						
4773	ok	0.66						
4774	ok	1.78						
4775	ok	2.50						
4776	ok	0.62						
4777	ok	0.81						
4779	ok	0.63						
4781	ok Av	5.48	0.19	1.40e-03	6.2	4.63e-02	283.6	2.1
4782	ok Av	5.95	0.20	0.01	6.7	0.5	307.8	21.6
4783	ok	2.21						
4784	ok Av	5.86	0.20	2.69e-03	6.7	8.91e-02	303.7	4.1
4785	ok Av	6.13	0.21	6.70e-03	7.0	0.2	317.4	10.1
4786	ok Av	6.16	0.21	9.66e-03	7.0	0.3	318.8	14.6
4787	ok	2.06						
4788	ok	1.60						
4789	ok	1.43						
4790	ok	1.79						
4793	ok	2.77						
4794	ok Av	5.21	0.18	0.02	5.9	0.6	268.6	27.9
4798	ok	3.88						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4799	ok	0.93						
4803	ok	1.98						
4804	ok	1.41						
4805	ok	2.32						
4806	ok	4.01						
4807	ok	2.18						
4808	ok	2.17						
4809	ok	2.92						
4810	ok	2.27						
4811	ok	2.19						
4812	ok	1.89						
4813	ok	2.03						
4814	ok	3.80						
4815	ok	0.94						
4816	ok	0.0						
4817	ok	1.75						
4818	ok	2.70						
4819	ok	0.0						
4820	ok	1.06						
4821	ok	0.74						
4822	ok	0.86						
4823	ok	0.97						
4824	ok	1.32						
4825	ok	1.78						
4826	ok	2.43						
4827	ok	2.41						
4828	ok	1.14						
4829	ok	1.54						
4830	ok	2.16						
4831	ok	0.0						
4832	ok	0.0						
4833	ok	0.69						
4834	ok	0.75						
4835	ok	0.88						
4836	ok	0.75						
4837	ok	0.75						
4838	ok	0.71						
4839	ok	1.27						
4840	ok	0.88						
4841	ok	1.30						
4842	ok	1.22						
4843	ok	1.08						
4844	ok	0.93						
4845	ok	0.91						
4846	ok	0.83						
4847	ok	1.03						
4848	ok	0.61						
4849	ok	1.16						
4850	ok	0.76						
4851	ok	0.91						
4852	ok	0.50						
4853	ok	0.79						
4854	ok	0.43						
4855	ok	0.62						
4856	ok	0.42						
4857	ok	0.71						
4858	ok	0.88						
4859	ok	0.59						
4860	ok	0.65						
4861	ok	0.93						
4862	ok	1.19						
4863	ok	0.84						
4864	ok	1.07						
4865	ok	0.95						
4866	ok	1.20						
4867	ok	0.97						
4868	ok	0.97						
4869	ok	1.24						
4870	ok	1.24						
4871	ok	0.76						
4872	ok	0.85						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4873	ok	0.82						
4874	ok	1.03						
4875	ok	0.72						
4876	ok	0.73						
4877	ok	0.79						
4878	ok	0.72						
4879	ok	1.43						
4880	ok	1.28						
4881	ok	1.06						
4882	ok	0.95						
4883	ok	0.0						
4884	ok	0.0						
4885	ok	0.0						
4886	ok	2.62						
4887	ok	1.91						
4888	ok	0.0						
4889	ok	2.48						
4890	ok	1.76						
4891	ok	0.0						
4892	ok	0.0						
4893	ok	0.0						
4894	ok	0.0						
4895	ok	1.13						
4896	ok	0.72						
4897	ok	1.84						
4898	ok	0.58						
4899	ok	3.64						
4900	ok	1.96						
4901	ok	2.85						
4902	ok	0.74						
4903	ok	0.55						
4904	ok	0.0						
4905	ok Av	4.24	0.15	6.24e-03	4.8	0.2	219.8	9.4
4906	ok	1.01						
4907	ok	2.26						
4908	ok Av	4.32	0.13	0.07	4.3	2.3	197.6	105.2
4909	ok	4.00						
4910	ok	1.45						
4911	ok	0.0						
4912	ok Av	4.88	0.14	0.09	4.8	2.8	217.8	128.7
4913	ok	0.0						
4914	ok	1.35						
4915	ok	0.96						
4916	ok	4.08						
4917	ok	1.37						
4918	ok	1.15						
4919	ok	1.48						
4920	ok	2.26						
4921	ok	2.02						
4922	ok	1.62						
4923	ok	2.22						
4924	ok	1.80						
4925	ok	2.33						
4926	ok	1.86						
4927	ok	2.62						
4928	ok Av	4.25	0.15	4.11e-03	4.8	0.1	219.9	6.2
4929	ok	0.0						
4930	ok	4.08						
4931	ok	1.60						
4932	ok Av	4.35	0.15	5.40e-03	4.9	0.2	225.1	8.2
4933	ok	2.85						
4934	ok Av	4.21	0.14	0.01	4.8	0.3	217.6	15.8
4935	ok Av	4.40	0.15	6.55e-03	5.0	0.2	227.7	9.9
4936	ok Av	4.36	0.15	9.31e-03	4.9	0.3	225.6	14.1
4937	ok	0.0						
4938	ok	1.37						
4939	ok	1.16						
4940	ok	1.38						
4941	ok	3.99						
4942	ok	3.41						
4943	ok	1.51						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
4944	ok	0.62						
4945	ok	0.59						
4946	ok	1.36						
4947	ok	1.14						
4948	ok	0.73						
4949	ok	1.35						
4950	ok	3.23						
4951	ok	3.69						
4952	ok	1.88						
4953	ok	0.75						
4954	ok	1.05						
4955	ok	1.46						
4956	ok	0.78						
4957	ok	3.06						
4958	ok	0.79						
4959	ok	0.82						
4960	ok	0.84						
4961	ok	1.20						
4962	ok	4.12						
4963	ok	1.34						
4964	ok	1.67						
4965	ok Av	4.62	0.06	0.15	1.9	4.9	84.8	224.0
4966	ok	2.92						
4967	ok	1.85						
4968	ok Av	4.16	0.03	0.14	1.2	4.6	52.9	209.1
4969	ok	0.62						
4970	ok	3.04						
4971	ok	0.82						
4972	ok	1.59						
4973	ok	0.76						
4974	ok	0.65						
4975	ok	0.70						
4976	ok	0.80						
4977	ok	2.74						
4978	ok	3.22						
4979	ok	1.09						
4980	ok	1.33						
4981	ok	1.59						
4982	ok	1.59						
4983	ok	1.71						
4984	ok	0.84						
4985	ok	1.00						
4986	ok	1.21						
4987	ok	2.05						
4988	ok	0.0						
4989	ok	1.83						
4990	ok	2.64						
4991	ok	0.0						
4992	ok	0.0						
4993	ok	0.0						
4994	ok	0.0						
4995	ok	0.88						
4996	ok	1.81						
4997	ok	1.64						
4998	ok	1.39						
4999	ok	2.57						
5000	ok	2.21						
5001	ok	1.76						
5002	ok	0.0						
5003	ok	3.12						
5004	ok	2.15						
5005	ok	0.0						
5006	ok	0.0						
5007	ok	2.45						
5008	ok	0.0						
5009	ok	1.59						
5010	ok	2.37						
5011	ok	3.67						
5012	ok	0.0						
5013	ok	0.0						
5014	ok	1.74						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5015	ok	2.60						
5016	ok	0.0						
5017	ok	0.0						
5018	ok	0.0						
5019	ok	1.43						
5020	ok	2.08						
5021	ok	2.92						
5022	ok	0.0						
5023	ok	3.02						
5024	ok	1.27						
5025	ok	1.82						
5026	ok	2.40						
5027	ok	2.86						
5028	ok	2.23						
5029	ok	1.04						
5030	ok	1.47						
5031	ok	1.85						
5032	ok	2.12						
5033	ok	1.28						
5034	ok	0.74						
5035	ok	0.91						
5036	ok	1.09						
5037	ok	1.22						
5038	ok	1.68						
5039	ok	0.83						
5040	ok	1.15						
5041	ok	1.42						
5042	ok	1.60						
5043	ok	0.72						
5044	ok	0.77						
5045	ok	0.70						
5046	ok	0.69						
5047	ok	0.70						
5048	ok	0.97						
5049	ok	0.75						
5050	ok	0.77						
5051	ok	0.85						
5052	ok	0.93						
5053	ok	0.45						
5054	ok	0.74						
5055	ok	0.56						
5056	ok	0.41						
5057	ok	0.32						
5058	ok	0.44						
5059	ok	0.54						
5060	ok	0.75						
5061	ok	0.77						
5062	ok	0.59						
5063	ok	0.64						
5064	ok	0.47						
5065	ok	0.57						
5066	ok	0.38						
5067	ok	0.53						
5068	ok	0.61						
5069	ok	0.67						
5070	ok	0.58						
5071	ok	0.48						
5072	ok	0.47						
5073	ok	0.54						
5074	ok	0.64						
5075	ok	0.50						
5076	ok	0.37						
5077	ok	0.38						
5078	ok	0.59						
5079	ok	0.70						
5080	ok	0.64						
5081	ok	0.55						
5082	ok	0.48						
5083	ok	0.57						
5084	ok	0.80						
5085	ok	0.76						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5086	ok	0.67						
5087	ok	0.56						
5088	ok	0.71						
5089	ok	1.44						
5090	ok	1.33						
5091	ok	1.13						
5092	ok	0.91						
5093	ok	0.62						
5094	ok	1.09						
5095	ok	1.02						
5096	ok	0.89						
5097	ok	0.73						
5098	ok	4.08						
5099	ok	0.0						
5100	ok	0.55						
5101	ok	1.18						
5102	ok	1.85						
5103	ok	0.73						
5104	ok	0.60						
5105	ok	0.87						
5106	ok	0.0						
5107	ok	2.52						
5108	ok	1.88						
5109	ok	2.76						
5110	ok	2.14						
5111	ok	1.68						
5112	ok	2.09						
5113	ok	1.71						
5114	ok	1.39						
5115	ok	0.77						
5116	ok	1.26						
5117	ok	1.12						
5118	ok	1.64						
5119	ok	0.99						
5120	ok	0.53						
5121	ok	0.52						
5122	ok	0.49						
5123	ok	2.04						
5124	ok	1.72						
5125	ok	1.89						
5126	ok	1.96						
5127	ok	2.04						
5128	ok	1.06						
5129	ok	2.55						
5130	ok	1.84						
5131	ok	0.89						
5132	ok	0.75						
5133	ok	0.55						
5134	ok	1.81						
5135	ok	2.24						
5136	ok Av	4.79	0.16	7.26e-03	5.4	0.2	248.2	11.0
5137	ok	1.88						
5138	ok	1.49						
5139	ok	2.13						
5140	ok	1.63						
5141	ok	1.18						
5142	ok	0.79						
5143	ok	2.29						
5144	ok	2.55						
5145	ok	2.17						
5146	ok	1.44						
5147	ok	0.0						
5148	ok	0.0						
5149	ok	0.98						
5150	ok	1.54						
5151	ok	2.46						
5152	ok	3.09						
5153	ok	1.62						
5154	ok Av	4.91	0.13	0.11	4.2	3.6	192.9	165.4
5155	ok	3.71						
5156	ok Av	4.61	0.14	0.14	4.5	4.6	204.5	209.2

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5157	ok	2.73						
5158	ok	0.0						
5159	ok	2.28						
5160	ok	1.68						
5161	ok	3.67						
5162	ok	2.01						
5163	ok Av	4.53	0.10	0.15	3.3	4.9	152.2	224.7
5164	ok Av	4.31	0.15	8.27e-03	4.9	0.3	222.7	12.5
5165	ok	1.42						
5166	ok Av	4.50	0.15	0.01	5.1	0.3	233.0	15.6
5167	ok Av	4.38	0.15	9.85e-03	5.0	0.3	226.6	14.9
5168	ok	2.14						
5169	ok	2.86						
5170	ok	4.10						
5171	ok	0.71						
5172	ok Av	4.24	0.14	6.89e-03	4.8	0.2	219.2	10.4
5173	ok	0.83						
5174	ok	3.94						
5175	ok	0.0						
5176	ok	4.00						
5177	ok	0.98						
5178	ok	0.0						
5179	ok	0.0						
5180	ok	3.26						
5181	ok	1.92						
5182	ok Av	4.91	0.17	0.01	5.6	0.3	253.6	16.0
5183	ok	0.0						
5184	ok	0.0						
5185	ok	0.0						
5186	ok	0.0						
5187	ok	0.0						
5188	ok	2.32						
5189	ok	1.41						
5190	ok Av	4.49	0.11	0.14	3.5	4.7	161.3	215.0
5191	ok	0.0						
5192	ok	0.0						
5193	ok	0.0						
5194	ok	0.52						
5195	ok	0.0						
5196	ok	2.89						
5197	ok	2.58						
5198	ok	1.03						
5199	ok	1.08						
5200	ok	0.0						
5201	ok Av	9.18	5.39e-03	0.31	0.2	10.4	8.1	475.3
5202	ok Av	5.17	0.18	9.32e-03	5.9	0.3	267.4	14.1
5203	ok	2.87						
5204	ok	2.46						
5205	ok	2.00						
5206	ok	0.0						
5207	ok	2.21						
5208	ok	0.0						
5209	ok	0.70						
5210	ok	0.0						
5211	ok	2.18						
5212	ok	1.97						
5213	ok	1.70						
5214	ok	1.73						
5215	ok	1.12						
5216	ok	0.80						
5217	ok	2.61						
5218	ok	2.79						
5219	ok	1.24						
5220	ok	1.14						
5221	ok	0.99						
5222	ok	0.82						
5223	ok	3.05						
5224	ok	0.0						
5225	ok	3.14						
5226	ok	0.79						
5227	ok	1.65						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5228	ok Av	4.44	0.02	0.15	0.8	5.0	34.7	227.7
5229	ok Av	4.49	0.03	0.15	0.9	5.0	41.4	228.8
5230	ok	0.0						
5231	ok	3.67						
5232	ok	0.0						
5233	ok	3.52						
5234	ok	3.85						
5235	ok	0.0						
5236	ok	3.88						
5517	ok	2.37						
5524	ok	1.79						
5525	ok	1.84						
5543	ok	2.50						
5547	ok	3.22						
5548	ok	4.15						
5549	ok Av	5.21	0.07	0.17	2.2	5.8	99.3	263.4
5934	ok Av	5.07	0.09	0.17	3.0	5.5	137.0	249.9
6120	ok	2.40						
6132	ok	3.12						
6401	ok	1.12						
6402	ok	1.06						
6403	ok	0.92						
6405	ok	1.17						
6406	ok	1.96						
6414	ok	0.86						
6417	ok	0.94						
6420	ok	0.98						
6421	ok	1.05						
6423	ok	1.53						
6424	ok	0.0						
6426	ok	0.0						
6429	ok	0.71						
6431	ok	0.86						
6432	ok	1.01						
6439	ok	1.23						
6441	ok	1.74						
6443	ok	0.0						
6444	ok	0.0						
6461	ok	1.76						
6463	ok	1.82						
6465	ok	1.34						
6466	ok	0.80						
6469	ok	0.69						
6470	ok	0.68						
6472	ok	1.38						
6473	ok	1.42						
6475	ok	1.36						
6477	ok	0.74						
6479	ok	0.82						
6480	ok	0.89						
6482	ok	0.77						
6484	ok	1.06						
6486	ok	1.13						
6487	ok	0.84						
6488	ok	0.91						
6490	ok	0.93						
6491	ok	0.73						
6494	ok	0.82						
6496	ok	1.61						
6498	ok	0.42						
6500	ok	0.50						
6502	ok	1.28						
6504	ok	3.68						
6506	ok	1.76						
6508	ok	1.10						
6510	ok	0.97						
6512	ok	0.97						
6514	ok	0.93						
6515	ok	0.85						
6516	ok	0.79						
6519	ok	0.76						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6521	ok	1.25						
6523	ok	1.64						
6711	ok	2.63						
6714	ok Av	7.59	0.13	0.25	4.2	8.1	193.0	371.7
6715	ok	0.87						
6723	ok	3.11						
6724	ok	0.90						
6727	ok	0.98						
6728	ok	1.12						
6729	ok	1.50						
6732	ok	0.64						
6735	ok	1.12						
6736	ok	1.33						
6739	ok	1.59						
6740	ok Av	9.32	0.22	0.25	7.1	8.4	325.9	384.9
6743	ok	0.72						
6744	ok	0.78						
6747	ok	0.83						
6751	ok	1.90						
6752	ok	1.37						
6772	ok	0.45						
6775	ok	0.61						
6776	ok	0.66						
6779	ok	0.69						
6780	ok	1.24						
6783	ok	0.89						
6784	ok	0.64						
6787	ok	0.62						
6788	ok	1.07						
6791	ok	1.84						
6792	ok	0.0						
6795	ok	0.0						
6796	ok	0.0						
6799	ok	0.72						
6800	ok	0.54						
6803	ok	0.57						
6807	ok Av	6.28	0.21	0.10	7.0	3.2	319.1	147.7
6808	ok	4.14						
6809	ok	3.06						
6811	ok	1.06						
6812	ok	0.75						
6813	ok	0.76						
6815	ok	1.11						
6816	ok	1.99						
6820	ok	1.77						
6823	ok	0.65						
6824	ok	1.49						
6825	ok	0.53						
6827	ok	1.25						
6828	ok	0.76						
6831	ok	1.43						
6833	ok	1.15						
6861	ok	0.87						
6862	ok	0.74						
6865	ok	4.16						
6868	ok	1.18						
6872	ok	3.58						
6876	ok Av	7.53	0.15	0.21	5.1	7.0	233.6	317.1
6883	ok	0.93						
6884	ok	3.44						
6886	ok	0.74						
6909	ok	1.02						
6910	ok	0.89						
6915	ok	0.79						
6918	ok	0.68						
6959	ok	0.67						
7004	ok	0.71						
7005	ok	0.77						
7006	ok	1.49						
7007	ok	1.04						
7008	ok	1.47						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7009	ok	1.91						
7011	ok	1.05						
7012	ok	0.97						
7013	ok	0.95						
7014	ok	1.08						
7015	ok	3.96						
7016	ok	0.76						
7025	ok	1.30						
7213	ok	1.15						
7215	ok	1.14						
7231	ok	1.23						
7233	ok	1.47						
7237	ok	1.21						
7296	ok	1.28						
7317	ok	1.45						
7322	ok	2.58						
7327	ok	2.35						
7376	ok	2.97						
7377	ok Av	4.99	0.15	0.09	4.9	3.1	222.0	139.4
7378	ok Av	8.00	0.13	0.25	4.3	8.3	196.5	379.9
7380	ok	1.41						
7382	ok	0.69						
7384	ok	1.57						
7418	ok	3.03						
7420	ok	3.64						
7421	ok	1.51						
7422	ok	0.69						
7424	ok	1.88						
7892	ok Av	4.25	0.13	0.06	4.4	2.0	199.8	92.4
8490	ok Av	7.91	0.12	0.26	4.1	8.5	187.1	387.0
8491	ok	1.93						
8492	ok	1.49						
8493	ok	2.39						
8494	ok Av	4.59	0.16	0.02	5.2	0.6	237.8	27.6
8495	ok Av	13.45	0.45	0.13	15.0	4.2	683.4	190.0
8499	ok	2.72						
8500	ok	1.79						
8501	ok	1.30						
8502	ok	1.19						
8504	ok	3.04						
8506	ok	3.12						
8507	ok	3.71						
8508	ok	4.12						
8511	ok	2.94						
8512	ok	2.57						
8514	ok	2.46						
8517	ok	2.75						
8518	ok	1.56						
8519	ok	0.71						
8520	ok	0.78						
8524	ok	4.02						
8525	ok	2.90						
8526	ok	1.91						
8527	ok	1.32						
8528	ok	0.0						
8532	ok	3.14						
8533	ok	1.96						
8534	ok	1.08						
8535	ok	0.72						
8536	ok Av	6.61	0.22	0.10	7.3	3.3	335.1	150.8
8550	ok Av	19.38	0.42	0.56	14.0	18.7	637.2	854.2
8551	ok Av	14.42	0.39	0.30	13.0	10.0	593.2	457.6
8553	ok Av	5.83	0.17	0.11	5.7	3.5	258.4	159.9
8554	ok	2.66						
8557	ok	1.60						
8565	ok Av	6.42	0.16	0.17	5.4	5.7	244.6	258.9
8570	ok Av	7.87	0.18	0.24	5.8	8.1	266.3	369.8
9065	ok Av	8.18	0.08	0.28	2.6	9.2	116.6	419.4
9186	ok Av	5.49	0.08	0.18	2.8	6.1	126.2	279.6
9188	ok	3.53						
9189	ok	2.05						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9190	ok Av	6.30	0.21	0.10	6.9	3.3	316.5	149.2
9191	ok Av	16.56	0.57	0.22	18.7	7.3	854.4	331.2
9193	ok Av	12.82	0.42	0.27	14.1	8.8	640.8	402.6
9194	ok Av	5.01	0.16	0.13	5.3	4.2	240.2	189.8
9196	ok	2.75						
9197	ok	1.60						
9198	ok Av	6.22	0.19	0.10	6.3	3.2	287.4	146.8
9199	ok Av	12.42	0.31	0.30	10.2	10.1	466.6	458.8
9200	ok Av	13.12	0.34	0.44	11.2	14.7	512.5	669.5
9201	ok Av	8.96	0.28	0.20	9.2	6.6	418.9	303.0
9202	ok Av	5.25	0.17	0.08	5.7	2.7	260.7	123.6
9204	ok	2.78						
9205	ok	1.79						
9206	ok Av	4.97	0.15	0.08	5.0	2.7	228.1	123.1
9207	ok Av	6.64	0.14	0.19	4.6	6.3	211.4	287.2
9208	ok Av	9.38	0.06	0.32	1.9	10.6	86.9	484.8
9209	ok Av	7.65	0.19	0.23	6.4	7.7	290.5	351.7
9210	ok Av	4.24	0.11	0.10	3.6	3.3	164.2	148.5
9212	ok	2.59						
9213	ok	1.76						
9214	ok	0.72						
9216	ok	0.0						
9217	ok	0.0						
9218	ok	0.0						
9219	ok	1.13						
9221	ok	0.90						
9292	ok	0.96						
9297	ok	1.07						
9445	ok	1.10						
9451	ok	0.92						
9515	ok	1.38						
9556	ok	1.29						
9635	ok	0.73						
9660	ok	3.44						
9675	ok	3.90						
9709	ok Av	4.74	0.02	0.16	0.7	5.4	32.5	245.3
9715	ok	3.79						
9727	ok	2.91						
9737	ok	2.21						
13081	ok	1.53						
13082	ok	2.44						
13083	ok	2.63						
13084	ok	2.64						
13100	ok	2.63						
13103	ok	2.42						
13114	ok	1.53						
13121	ok	1.20						
13128	ok	1.81						
13131	ok	1.90						
13138	ok	1.87						
13145	ok	1.70						
13152	ok	1.57						
13159	ok	1.68						
13166	ok	1.02						
13173	ok	3.19						
13180	ok	0.90						
13187	ok	2.68						
13194	ok	0.97						
13201	ok	1.06						
13229	ok	1.17						
13232	ok	1.25						
13243	ok	0.74						
13250	ok	0.80						
13257	ok	0.86						
13264	ok	0.33						
13271	ok	0.50						
13278	ok	0.56						
13285	ok	0.61						
13290	ok	0.68						
13301	ok	0.44						
13308	ok Av	4.81	0.16	0.02	5.4	0.6	248.2	29.3

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13315	ok	4.06						
13318	ok Av	5.65	0.19	9.10e-03	6.4	0.3	292.8	13.8
13325	ok Av	4.33	0.15	4.09e-03	4.9	0.1	224.1	6.2
13332	ok Av	4.84	0.17	4.42e-03	5.5	0.1	250.9	6.7
13343	ok Av	5.45	0.19	5.31e-03	6.2	0.2	282.1	8.0
13350	ok Av	5.96	0.20	9.17e-03	6.8	0.3	308.9	13.9
13357	ok	3.37						
13364	ok	3.62						
13371	ok	3.84						
13378	ok	1.04						
13385	ok	1.96						
13392	ok	2.36						
13399	ok	2.73						
13406	ok	3.07						
13413	ok	1.54						
15256	ok	1.27						
15257	ok	1.67						
15258	ok	2.69						
15259	ok	2.15						
15261	ok	2.80						
15264	ok	2.23						
15266	ok	1.21						
15267	ok	2.43						
15269	ok	2.22						
15271	ok	1.22						
15272	ok	1.04						
15274	ok	1.07						
15275	ok	1.37						
15276	ok	0.89						
15277	ok	0.93						
15278	ok	1.21						
15284	ok	1.08						
15292	ok Av	8.51	0.28	0.22	9.1	7.3	417.0	331.8
15306	ok	1.07						
15309	ok	0.0						
15344	ok Av	16.14	0.47	0.47	15.6	15.5	713.0	707.6
15345	ok Av	8.97	0.24	0.26	7.8	8.6	356.8	390.3
15346	ok	3.82						
15347	ok	2.34						
15348	ok	2.93						
15349	ok	3.11						
15350	ok	3.33						
15351	ok	2.93						
15352	ok	2.71						
15353	ok	3.50						
15355	ok Av	4.61	0.04	0.16	1.5	5.2	66.3	235.2
15356	ok Av	5.76	0.07	0.20	2.4	6.5	107.6	295.6
15357	ok Av	5.09	0.13	0.16	4.2	5.4	190.6	245.2
15358	ok Av	4.41	0.15	0.03	4.9	0.9	225.3	39.7
15359	ok	3.49						
15510	ok Av	4.22	0.12	0.08	4.1	2.5	186.5	114.7
15512	ok Av	4.77	0.08	0.14	2.8	4.7	125.7	214.4
15513	ok Av	8.25	0.14	0.28	4.8	9.4	219.0	427.2
15514	ok Av	6.59	0.13	0.22	4.5	7.3	204.0	334.3
15518	ok Av	5.17	0.09	0.16	3.0	5.4	137.9	246.4
15521	ok Av	6.29	0.20	0.12	6.7	4.1	304.5	184.8
15523	ok Av	11.02	0.25	0.31	8.3	10.2	378.1	466.4
15524	ok Av	12.51	0.24	0.40	7.9	13.3	359.1	606.2
15525	ok Av	5.77	0.19	0.09	6.4	2.8	292.8	128.7
15526	ok Av	8.27	0.27	0.16	9.0	5.5	409.4	248.6
15530	ok Av	19.15	0.65	0.16	21.6	5.2	985.8	239.1
15531	ok Av	7.13	0.24	0.07	8.1	2.2	368.6	102.1
15533	ok Av	6.50	0.22	0.15	7.2	4.9	329.9	224.9
15534	ok Av	10.33	0.22	0.32	7.4	10.6	336.2	483.2
15535	ok Av	15.33	0.29	0.44	9.7	14.4	443.3	658.8
15536	ok Av	7.22	0.21	0.17	6.8	5.7	310.7	258.7
15537	ok	0.83						
15538	ok Av	4.45	0.15	0.03	5.0	0.9	229.6	41.7
15540	ok	1.93						
15541	ok	1.52						
15542	ok	1.16						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15544	ok	0.85						
15546	ok	0.92						
15547	ok	1.04						
15548	ok	1.45						
15549	ok	3.91						
15550	ok	2.03						
15553	ok	2.00						
15555	ok	1.85						
15556	ok	1.16						
15557	ok	1.24						
15558	ok	1.24						
15560	ok	1.80						
15561	ok	1.76						
15562	ok	1.77						
15563	ok	1.71						
15564	ok	2.64						
15565	ok	2.85						
15566	ok	2.65						
15569	ok	2.42						
15571	ok	1.41						
17529	ok	0.0						
17530	ok	0.0						
17531	ok	0.0						
17532	ok	0.0						
17533	ok	0.0						
17534	ok	0.0						
17535	ok	0.0						
17536	ok	0.0						
17537	ok	0.0						
17539	ok	0.0						
17540	ok	0.0						
17541	ok	0.0						
17542	ok	0.0						
17543	ok	0.0						
17544	ok	0.0						
17545	ok	0.0						
17546	ok	0.0						
17548	ok	0.0						
17549	ok	0.0						
17550	ok	0.0						
17551	ok	0.0						
17552	ok	0.0						
17553	ok	0.0						
17554	ok	0.0						
17555	ok	0.0						
17556	ok	0.0						
17558	ok	0.0						
17559	ok	0.0						
17560	ok	0.0						
17562	ok	0.0						
17563	ok	0.0						
17564	ok	0.0						
17565	ok	0.0						
17566	ok	0.0						
17567	ok	0.0						
17568	ok	0.0						
17569	ok	0.0						
17570	ok	0.0						
17571	ok	0.0						
17572	ok	0.0						
17573	ok	0.0						
17574	ok	0.0						
17575	ok	0.0						
17576	ok Av	14.23	0.37	0.33	12.2	10.9	554.6	495.3
17577	ok Av	24.14	0.28	0.79	9.3	26.2	422.1	1194.0
17578	ok Av	13.28	0.33	0.33	11.1	11.1	505.8	504.1
17579	ok	0.0						
17580	ok Av	24.31	0.79	0.28	26.2	9.2	1194.4	421.0
17581	ok	0.0						
17582	ok	0.0						
17583	ok Av	13.74	0.34	0.34	11.1	11.3	508.0	514.8

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17584	ok	0.0						
17585	ok Av	24.23	0.79	0.28	26.2	9.3	1193.4	423.0
17586	ok Av	26.13	0.27	0.86	9.1	28.5	413.8	1298.9
17587	ok Av	14.77	0.38	0.34	12.6	11.1	575.7	507.4
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		42.28	1.00	1.00	46.91	44.00	1709.44	1696.40

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
2	40.00	5	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
3303	ok	0.0	0.5	1.21e-02	12.7	12.7	12.7	12.7	110.3	109.1	-73.4	-27.0	-19.0	22.6
3304	ok	0.0	0.4	1.16e-02	12.7	12.7	12.7	12.7	94.4	-20.0	-108.4	-29.3	-15.6	4.9
3305	ok	0.0	0.5	1.05e-02	12.7	12.7	12.7	12.7	189.6	72.6	18.0	-38.6	-22.3	-14.7
3308	ok	0.0	0.4	8.81e-03	12.7	12.7	12.7	12.7	-47.6	73.1	-55.6	-27.7	-25.8	8.2
3309	ok	0.0	0.3	1.27e-02	12.7	12.7	12.7	12.7	62.6	-71.2	-52.3	-19.7	-21.7	9.0
3310	ok	0.0	0.4	1.44e-02	12.7	12.7	12.7	12.7	104.1	4.2	-86.5	-18.9	-25.0	1.6
3313	ok	0.0	0.6	1.51e-02	12.7	12.7	12.7	12.7	97.3	85.0	171.1	-16.6	-36.9	-16.5
3314	ok	0.0	0.4	2.09e-02	12.7	12.7	12.7	12.7	43.8	-155.0	-31.7	-21.9	-32.7	8.3
3315	ok	0.0	0.5	2.58e-02	12.7	12.7	12.7	12.7	162.3	-23.6	-1.5	-33.2	-15.6	-12.4
17500	ok	0.0	0.5	1.20e-02	12.7	12.7	12.7	12.7	236.1	33.9	85.3	20.2	21.2	18.0
17501	ok	0.0	0.6	1.43e-02	12.7	12.7	12.7	12.7	246.9	-20.4	-72.7	-28.5	-6.7	6.3
17502	ok	0.0	0.6	1.49e-02	12.7	12.7	12.7	12.7	246.4	20.5	-98.9	-13.2	30.6	-13.6
17504	ok	0.0	0.6	2.67e-02	12.7	12.7	12.7	12.7	-18.5	271.8	-86.0	10.2	-26.0	-3.0
17505	ok	0.0	0.7	1.28e-02	12.7	12.7	12.7	12.7	15.4	346.0	93.0	-1.1	-36.1	-10.3
17506	ok	0.0	0.7	2.66e-02	12.7	12.7	12.7	12.7	-175.3	-46.7	-90.3	-26.7	-16.7	11.6
17507	ok	0.0	0.6	1.57e-02	12.7	12.7	12.7	12.7	-40.6	291.2	54.1	-16.9	-38.0	-7.6
17508	ok	0.0	0.9	1.34e-02	12.7	12.7	12.7	12.7	-92.7	69.0	4.7	7.2	-14.8	21.5
17509	ok	0.0	0.9	2.08e-02	12.7	12.7	12.7	12.7	63.4	387.5	-55.2	-7.1	-42.4	0.6
17523	ok	0.0	0.2	3.38e-02	12.7	12.7	12.7	12.7	6.6	-64.3	68.9	19.2	4.0	-18.7
17524	ok	0.0	0.3	3.77e-02	12.7	12.7	12.7	12.7	-2.0	-50.6	54.4	12.4	0.5	4.3
17525	ok	0.0	0.3	1.82e-02	12.7	12.7	12.7	12.7	69.3	-103.8	-57.8	-0.9	-7.5	19.0
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-175.30	-154.97	-108.41	-38.60	-42.39	-18.70
		0.0	0.94	0.04	12.72	12.72	12.72	12.72	246.87	387.54	171.14	20.15	30.65	22.61

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
3303	ok Av	4.90	0.17	0.02	5.5	0.6	154.7	18.2
3304	ok	3.10						
3305	ok Av	5.85	0.14	0.15	4.6	5.1	129.5	142.6
3308	ok	2.59						
3309	ok	1.20						
3310	ok	1.79						
3313	ok Av	5.62	0.19	0.02	6.3	0.8	177.4	23.1
3314	ok	3.10						
3315	ok Av	5.45	0.14	0.13	4.7	4.3	131.5	120.6
17500	ok Av	8.26	0.20	0.27	6.8	8.9	189.3	249.8
17501	ok Av	5.06	0.17	0.05	5.5	1.7	154.2	46.6
17502	ok	4.37						
17504	ok Av	6.66	0.17	0.18	5.6	6.1	155.5	170.3
17505	ok Av	5.16	0.03	0.17	1.0	5.8	27.3	161.7
17506	ok	3.04						
17507	ok	2.23						
17508	ok Av	5.19	0.17	0.08	5.6	2.6	157.5	72.3
17509	ok	2.62						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17523	ok Av	8.16	0.13	0.27	4.4	9.1	123.7	254.6
17524	ok	3.18						
17525	ok	3.65						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		8.26	0.20	0.27	6.76	9.10	189.29	254.65

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
1	0.08	0.29	0.10	322,321,334	0.0	0.0	0.0	0,0,0
2	0.07	0.25	0.09	322,321,334	0.0	0.0	0.0	0,0,0
3	0.07	0.24	0.08	316,321,334	0.0	0.0	0.0	0,0,0
4	0.06	0.22	0.07	315,321,334	0.0	0.0	0.0	0,0,0
5	0.07	0.25	0.08	322,315,334	0.0	0.0	0.0	0,0,0
6	0.06	0.21	0.07	322,321,334	0.0	0.0	0.0	0,0,0
7	0.06	0.20	0.07	316,321,334	0.0	0.0	0.0	0,0,0
8	0.05	0.19	0.06	315,321,333	0.0	0.0	0.0	0,0,0
9	0.05	0.16	0.06	322,321,333	0.0	0.0	0.0	0,0,0
10	0.05	0.16	0.06	322,321,333	0.0	0.0	0.0	0,0,0
11	0.05	0.16	0.06	316,321,333	0.0	0.0	0.0	0,0,0
12	0.05	0.16	0.06	315,321,333	0.0	0.0	0.0	0,0,0
13	0.05	0.18	0.06	322,321,333	0.0	0.0	0.0	0,0,0
14	0.05	0.13	0.06	322,321,333	0.0	0.0	0.0	0,0,0
15	0.04	0.13	0.06	316,321,333	0.0	0.0	0.0	0,0,0
16	0.04	0.13	0.05	315,321,333	0.0	0.0	0.0	0,0,0
17	0.07	0.23	0.08	315,315,334	0.0	0.0	0.0	0,0,0
18	0.05	0.15	0.05	322,313,333	0.0	0.0	0.0	0,0,0
19	0.04	0.11	0.05	316,305,333	0.0	0.0	0.0	0,0,0
20	0.03	0.09	0.04	322,319,334	0.0	0.0	0.0	0,0,0
21	0.07	0.22	0.08	315,315,334	0.0	0.0	0.0	0,0,0
22	0.05	0.18	0.07	307,313,334	0.0	0.0	0.0	0,0,0
23	0.04	0.15	0.05	307,313,334	0.0	0.0	0.0	0,0,0
24	0.04	0.12	0.05	314,321,334	0.0	0.0	0.0	0,0,0
25	0.06	0.21	0.08	307,315,334	0.0	0.0	0.0	0,0,0
26	0.06	0.20	0.08	307,313,334	0.0	0.0	0.0	0,0,0
27	0.06	0.20	0.08	307,313,334	0.0	0.0	0.0	0,0,0
28	0.06	0.19	0.08	322,321,334	0.0	0.0	0.0	0,0,0
31	0.10	0.33	0.12	315,315,334	0.0	0.0	0.0	0,0,0
32	0.12	0.30	0.12	322,322,334	0.0	0.0	0.0	0,0,0
33	0.11	0.33	0.13	322,315,334	0.0	0.0	0.0	0,0,0
34	0.10	0.32	0.12	315,315,334	0.0	0.0	0.0	0,0,0
35	0.06	0.17	0.07	308,307,334	0.0	0.0	0.0	0,0,0
36	0.07	0.23	0.09	316,315,334	0.0	0.0	0.0	0,0,0
37	0.07	0.23	0.09	316,315,334	0.0	0.0	0.0	0,0,0
38	0.09	0.40	0.12	320,321,334	0.0	0.0	0.0	0,0,0
39	0.11	0.39	0.14	320,315,334	0.0	0.0	0.0	0,0,0
40	0.09	0.33	0.11	322,321,334	0.0	0.0	0.0	0,0,0
41	0.10	0.45	0.13	320,321,334	0.0	0.0	0.0	0,0,0
42	0.12	0.40	0.15	320,315,334	0.0	0.0	0.0	0,0,0
43	0.09	0.32	0.11	322,315,334	0.0	0.0	0.0	0,0,0
44	0.12	0.48	0.14	322,315,334	0.0	0.0	0.0	0,0,0
45	0.12	0.36	0.15	319,321,334	0.0	0.0	0.0	0,0,0
46	0.07	0.25	0.08	322,315,334	0.0	0.0	0.0	0,0,0
49	0.10	0.29	0.10	321,321,334	0.0	0.0	0.0	0,0,0
50	0.14	0.46	0.09	322,322,334	0.0	0.0	0.0	0,0,0
51	0.13	0.34	0.12	322,322,334	0.0	0.0	0.0	0,0,0
52	0.08	0.26	0.10	322,321,334	0.0	0.0	0.0	0,0,0
53	0.05	0.23	0.07	322,321,333	0.0	0.0	0.0	0,0,0
54	0.07	0.29	0.08	322,321,334	0.0	0.0	0.0	0,0,0
55	0.08	0.30	0.10	322,321,334	0.0	0.0	0.0	0,0,0
56	0.07	0.28	0.09	322,321,334	0.0	0.0	0.0	0,0,0
57	0.08	0.32	0.10	322,321,334	0.0	0.0	0.0	0,0,0
58	0.08	0.32	0.10	322,321,334	0.0	0.0	0.0	0,0,0
59	0.08	0.34	0.10	322,321,334	0.0	0.0	0.0	0,0,0
60	0.09	0.36	0.12	322,315,334	0.0	0.0	0.0	0,0,0
61	0.09	0.33	0.11	322,321,334	0.0	0.0	0.0	0,0,0
62	0.10	0.45	0.13	321,321,334	0.0	0.0	0.0	0,0,0
63	0.09	0.36	0.11	322,321,334	0.0	0.0	0.0	0,0,0
64	0.06	0.27	0.08	321,321,334	0.0	0.0	0.0	0,0,0
65	0.09	0.29	0.11	316,321,334	0.0	0.0	0.0	0,0,0
66	0.09	0.30	0.11	316,321,334	0.0	0.0	0.0	0,0,0
67	0.09	0.30	0.11	315,321,334	0.0	0.0	0.0	0,0,0
68	0.08	0.28	0.10	315,321,334	0.0	0.0	0.0	0,0,0
69	0.09	0.30	0.11	316,321,334	0.0	0.0	0.0	0,0,0
70	0.09	0.30	0.11	316,321,334	0.0	0.0	0.0	0,0,0
71	0.09	0.30	0.11	316,321,334	0.0	0.0	0.0	0,0,0
72	0.08	0.28	0.10	315,321,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
73	0.09	0.30	0.11	316,321,334	0.0	0.0	0.0	0,0,0
74	0.09	0.30	0.11	316,321,334	0.0	0.0	0.0	0,0,0
75	0.08	0.29	0.10	316,321,334	0.0	0.0	0.0	0,0,0
76	0.07	0.26	0.09	315,321,334	0.0	0.0	0.0	0,0,0
77	0.08	0.30	0.10	322,321,334	0.0	0.0	0.0	0,0,0
78	0.08	0.28	0.10	316,321,334	0.0	0.0	0.0	0,0,0
79	0.07	0.27	0.09	316,321,334	0.0	0.0	0.0	0,0,0
80	0.07	0.24	0.08	315,321,334	0.0	0.0	0.0	0,0,0
81	0.11	0.34	0.13	308,321,334	0.0	0.0	0.0	0,0,0
82	0.08	0.39	0.10	308,321,334	0.0	0.0	0.0	0,0,0
83	0.09	0.44	0.12	315,321,334	0.0	0.0	0.0	0,0,0
84	0.11	0.31	0.14	308,321,334	0.0	0.0	0.0	0,0,0
85	0.08	0.35	0.10	308,321,334	0.0	0.0	0.0	0,0,0
86	0.08	0.35	0.10	316,321,334	0.0	0.0	0.0	0,0,0
87	0.10	0.30	0.12	308,321,334	0.0	0.0	0.0	0,0,0
88	0.08	0.31	0.10	308,321,333	0.0	0.0	0.0	0,0,0
89	0.08	0.31	0.10	315,321,334	0.0	0.0	0.0	0,0,0
90	0.07	0.22	0.09	305,305,333	0.0	0.0	0.0	0,0,0
91	0.08	0.20	0.08	322,322,334	0.0	0.0	0.0	0,0,0
92	0.07	0.20	0.08	322,305,333	0.0	0.0	0.0	0,0,0
93	0.09	0.25	0.10	322,322,334	0.0	0.0	0.0	0,0,0
94	0.08	0.22	0.09	322,322,334	0.0	0.0	0.0	0,0,0
95	0.11	0.31	0.12	322,322,333	0.0	0.0	0.0	0,0,0
96	0.14	0.39	0.15	322,322,333	0.0	0.0	0.0	0,0,0
97	0.15	0.41	0.16	322,322,333	0.0	0.0	0.0	0,0,0
98	0.15	0.43	0.17	322,322,333	0.0	0.0	0.0	0,0,0
99	0.13	0.36	0.15	322,322,333	0.0	0.0	0.0	0,0,0
100	0.08	0.24	0.10	316,316,333	0.0	0.0	0.0	0,0,0
101	0.06	0.20	0.08	316,315,334	0.0	0.0	0.0	0,0,0
102	0.09	0.28	0.11	316,315,333	0.0	0.0	0.0	0,0,0
103	0.10	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
104	0.10	0.31	0.12	316,315,333	0.0	0.0	0.0	0,0,0
105	0.10	0.31	0.12	316,315,333	0.0	0.0	0.0	0,0,0
106	0.02	0.20	0.03	322,321,333	0.0	0.0	0.0	0,0,0
107	0.03	0.21	0.04	316,305,333	0.0	0.0	0.0	0,0,0
108	0.03	0.23	0.04	322,305,333	0.0	0.0	0.0	0,0,0
109	0.02	0.18	0.03	322,321,333	0.0	0.0	0.0	0,0,0
110	0.03	0.20	0.04	316,321,333	0.0	0.0	0.0	0,0,0
111	0.03	0.21	0.04	319,305,333	0.0	0.0	0.0	0,0,0
112	0.02	0.17	0.03	321,321,333	0.0	0.0	0.0	0,0,0
113	0.03	0.19	0.04	316,321,333	0.0	0.0	0.0	0,0,0
114	0.04	0.20	0.05	320,321,333	0.0	0.0	0.0	0,0,0
115	0.02	0.16	0.03	321,321,333	0.0	0.0	0.0	0,0,0
116	0.03	0.21	0.04	322,321,333	0.0	0.0	0.0	0,0,0
117	0.05	0.24	0.06	320,321,334	0.0	0.0	0.0	0,0,0
118	0.05	0.25	0.05	322,305,334	0.0	0.0	0.0	0,0,0
119	0.03	0.21	0.04	321,305,333	0.0	0.0	0.0	0,0,0
120	0.05	0.23	0.06	320,321,334	0.0	0.0	0.0	0,0,0
121	0.06	0.28	0.08	320,321,334	0.0	0.0	0.0	0,0,0
122	0.17	0.46	0.21	316,315,334	0.0	0.0	0.0	0,0,0
123	0.16	0.42	0.20	316,315,334	0.0	0.0	0.0	0,0,0
124	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
125	0.09	0.28	0.11	316,315,333	0.0	0.0	0.0	0,0,0
126	0.10	0.31	0.12	316,315,333	0.0	0.0	0.0	0,0,0
127	0.10	0.32	0.13	316,315,333	0.0	0.0	0.0	0,0,0
128	0.10	0.32	0.13	316,315,333	0.0	0.0	0.0	0,0,0
129	0.04	0.17	0.04	322,321,333	0.0	0.0	0.0	0,0,0
130	0.03	0.15	0.04	322,305,333	0.0	0.0	0.0	0,0,0
131	0.02	0.13	0.03	321,321,333	0.0	0.0	0.0	0,0,0
132	0.02	0.14	0.03	321,321,333	0.0	0.0	0.0	0,0,0
133	0.13	0.34	0.17	308,307,334	0.0	0.0	0.0	0,0,0
134	0.14	0.39	0.18	308,307,334	0.0	0.0	0.0	0,0,0
135	0.20	0.51	0.23	316,316,334	0.0	0.0	0.0	0,0,0
138	0.11	0.32	0.13	308,307,334	0.0	0.0	0.0	0,0,0
139	0.12	0.35	0.15	308,308,334	0.0	0.0	0.0	0,0,0
140	0.15	0.41	0.18	316,316,334	0.0	0.0	0.0	0,0,0
141	0.19	0.47	0.22	322,316,334	0.0	0.0	0.0	0,0,0
142	0.19	0.49	0.23	316,315,334	0.0	0.0	0.0	0,0,0
143	0.08	0.25	0.09	308,307,334	0.0	0.0	0.0	0,0,0
144	0.08	0.25	0.10	308,308,334	0.0	0.0	0.0	0,0,0
145	0.08	0.25	0.10	308,308,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
146	0.10	0.28	0.12	322,315,334	0.0	0.0	0.0	0,0,0
147	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
148	0.05	0.17	0.06	316,321,333	0.0	0.0	0.0	0,0,0
149	0.06	0.21	0.07	316,321,333	0.0	0.0	0.0	0,0,0
150	0.06	0.21	0.07	316,321,333	0.0	0.0	0.0	0,0,0
151	0.06	0.20	0.07	316,321,333	0.0	0.0	0.0	0,0,0
152	0.06	0.23	0.08	316,321,333	0.0	0.0	0.0	0,0,0
153	0.06	0.23	0.08	316,321,333	0.0	0.0	0.0	0,0,0
154	0.07	0.24	0.09	301,301,333	0.0	0.0	0.0	0,0,0
155	0.08	0.26	0.10	301,321,333	0.0	0.0	0.0	0,0,0
156	0.08	0.27	0.10	301,321,333	0.0	0.0	0.0	0,0,0
157	0.09	0.28	0.11	308,313,334	0.0	0.0	0.0	0,0,0
158	0.09	0.31	0.11	307,313,334	0.0	0.0	0.0	0,0,0
159	0.08	0.27	0.10	308,313,334	0.0	0.0	0.0	0,0,0
160	0.05	0.19	0.06	308,321,334	0.0	0.0	0.0	0,0,0
161	0.04	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
162	0.05	0.16	0.06	302,305,333	0.0	0.0	0.0	0,0,0
163	0.19	0.44	0.18	322,322,334	0.0	0.0	0.0	0,0,0
164	0.21	0.57	0.23	322,313,334	0.0	0.0	0.0	0,0,0
165	0.07	0.25	0.08	316,313,334	0.0	0.0	0.0	0,0,0
166	0.06	0.18	0.07	302,305,333	0.0	0.0	0.0	0,0,0
167	0.06	0.20	0.08	301,301,333	0.0	0.0	0.0	0,0,0
168	0.07	0.21	0.08	301,301,333	0.0	0.0	0.0	0,0,0
169	0.10	0.33	0.13	316,321,334	0.0	0.0	0.0	0,0,0
170	0.10	0.33	0.13	316,321,334	0.0	0.0	0.0	0,0,0
171	0.09	0.30	0.11	316,321,334	0.0	0.0	0.0	0,0,0
172	0.06	0.23	0.08	316,321,334	0.0	0.0	0.0	0,0,0
173	0.04	0.17	0.05	316,321,334	0.0	0.0	0.0	0,0,0
174	0.04	0.15	0.04	322,315,334	0.0	0.0	0.0	0,0,0
175	0.10	0.32	0.12	316,321,333	0.0	0.0	0.0	0,0,0
176	0.10	0.31	0.12	316,315,333	0.0	0.0	0.0	0,0,0
177	0.13	0.35	0.15	316,316,333	0.0	0.0	0.0	0,0,0
178	0.17	0.46	0.21	316,316,334	0.0	0.0	0.0	0,0,0
179	0.09	0.27	0.11	316,321,333	0.0	0.0	0.0	0,0,0
180	0.09	0.28	0.11	316,321,333	0.0	0.0	0.0	0,0,0
181	0.09	0.28	0.11	316,321,333	0.0	0.0	0.0	0,0,0
182	0.10	0.32	0.12	316,321,333	0.0	0.0	0.0	0,0,0
183	0.07	0.22	0.09	308,307,334	0.0	0.0	0.0	0,0,0
184	0.10	0.28	0.12	308,308,334	0.0	0.0	0.0	0,0,0
185	0.13	0.39	0.17	308,307,334	0.0	0.0	0.0	0,0,0
186	0.18	0.50	0.22	322,321,334	0.0	0.0	0.0	0,0,0
187	0.07	0.21	0.09	308,307,334	0.0	0.0	0.0	0,0,0
188	0.19	0.42	0.23	316,316,334	0.18	0.0	0.0	315,0,0
189	0.15	0.36	0.18	316,315,334	0.0	0.0	0.0	0,0,0
190	0.12	0.33	0.15	308,307,334	0.0	0.0	0.0	0,0,0
191	0.14	0.36	0.17	316,315,334	0.0	0.0	0.0	0,0,0
192	0.12	0.32	0.15	316,315,334	0.0	0.0	0.0	0,0,0
193	0.11	0.32	0.14	308,307,334	0.0	0.0	0.0	0,0,0
194	0.09	0.28	0.11	316,315,334	0.0	0.0	0.0	0,0,0
195	0.09	0.27	0.10	316,315,334	0.0	0.0	0.0	0,0,0
196	0.08	0.27	0.10	308,307,334	0.0	0.0	0.0	0,0,0
197	0.10	0.29	0.12	314,307,334	0.0	0.0	0.0	0,0,0
198	0.15	0.44	0.19	308,308,334	0.0	0.0	0.0	0,0,0
199	0.43	0.67	0.33	322,321,334	0.27	0.22	0.15	322,331,334
200	0.07	0.21	0.09	308,307,334	0.0	0.0	0.0	0,0,0
201	0.08	0.25	0.10	308,307,334	0.0	0.0	0.0	0,0,0
202	0.09	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
203	0.10	0.30	0.12	315,321,334	0.0	0.0	0.0	0,0,0
204	0.07	0.22	0.09	314,313,334	0.0	0.0	0.0	0,0,0
205	0.05	0.16	0.06	313,313,334	0.0	0.0	0.0	0,0,0
206	0.06	0.18	0.08	308,313,334	0.0	0.0	0.0	0,0,0
207	0.26	0.58	0.23	314,314,334	0.28	0.0	0.0	314,0,0
208	0.27	0.64	0.18	322,322,334	0.33	0.0	0.0	322,0,0
209	0.06	0.18	0.08	314,313,334	0.0	0.0	0.0	0,0,0
210	0.05	0.15	0.07	308,313,334	0.0	0.0	0.0	0,0,0
211	0.06	0.16	0.07	308,313,334	0.0	0.0	0.0	0,0,0
212	0.06	0.19	0.08	308,307,334	0.0	0.0	0.0	0,0,0
213	0.08	0.28	0.10	315,321,333	0.0	0.0	0.0	0,0,0
214	0.08	0.28	0.10	315,321,333	0.0	0.0	0.0	0,0,0
215	0.07	0.27	0.09	315,321,333	0.0	0.0	0.0	0,0,0
216	0.08	0.27	0.10	301,305,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
217	0.08	0.27	0.10	315,321,333	0.0	0.0	0.0	0,0,0
218	0.07	0.25	0.09	315,321,333	0.0	0.0	0.0	0,0,0
219	0.06	0.23	0.08	316,321,333	0.0	0.0	0.0	0,0,0
220	0.06	0.22	0.07	315,321,333	0.0	0.0	0.0	0,0,0
221	0.29	0.66	0.35	316,316,333	0.29	0.31	0.30	315,323,333
222	0.28	0.63	0.33	316,315,333	0.26	0.28	0.28	315,323,333
223	0.16	0.50	0.19	316,315,333	0.0	0.0	0.0	0,0,0
224	0.11	0.29	0.14	316,316,334	0.0	0.0	0.0	0,0,0
225	0.21	0.49	0.25	316,315,334	0.22	0.20	0.19	315,330,334
226	0.24	0.54	0.29	316,315,334	0.24	0.22	0.22	315,327,334
227	0.20	0.58	0.24	316,315,334	0.0	0.0	0.0	0,0,0
228	0.21	0.63	0.25	316,315,334	0.0	0.0	0.0	0,0,0
229	0.15	0.47	0.18	316,315,333	0.0	0.0	0.0	0,0,0
230	0.09	0.28	0.11	316,321,334	0.0	0.0	0.0	0,0,0
231	0.14	0.41	0.17	316,315,334	0.0	0.0	0.0	0,0,0
232	0.15	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
233	0.14	0.44	0.17	316,315,334	0.0	0.0	0.0	0,0,0
234	0.14	0.44	0.17	316,315,334	0.0	0.0	0.0	0,0,0
235	0.11	0.37	0.14	316,321,334	0.0	0.0	0.0	0,0,0
236	0.08	0.27	0.10	316,321,334	0.0	0.0	0.0	0,0,0
237	0.08	0.28	0.10	322,315,334	0.0	0.0	0.0	0,0,0
238	0.09	0.29	0.11	316,315,334	0.0	0.0	0.0	0,0,0
239	0.16	0.43	0.20	316,316,334	0.0	0.0	0.0	0,0,0
240	0.16	0.46	0.19	316,316,334	0.0	0.0	0.0	0,0,0
241	0.13	0.38	0.15	316,315,334	0.0	0.0	0.0	0,0,0
242	0.06	0.21	0.07	301,305,333	0.0	0.0	0.0	0,0,0
243	0.07	0.23	0.08	301,305,333	0.0	0.0	0.0	0,0,0
244	0.07	0.25	0.09	301,321,333	0.0	0.0	0.0	0,0,0
245	0.08	0.27	0.10	301,301,333	0.0	0.0	0.0	0,0,0
246	0.08	0.27	0.10	301,301,333	0.0	0.0	0.0	0,0,0
247	0.08	0.27	0.10	301,301,333	0.0	0.0	0.0	0,0,0
248	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
249	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
250	0.08	0.27	0.10	315,321,333	0.0	0.0	0.0	0,0,0
251	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
252	0.06	0.22	0.08	314,321,334	0.0	0.0	0.0	0,0,0
253	0.06	0.22	0.08	314,313,334	0.0	0.0	0.0	0,0,0
254	0.08	0.28	0.10	315,321,333	0.0	0.0	0.0	0,0,0
255	0.08	0.28	0.10	315,321,333	0.0	0.0	0.0	0,0,0
256	0.07	0.28	0.09	315,321,334	0.0	0.0	0.0	0,0,0
257	0.06	0.23	0.07	315,321,334	0.0	0.0	0.0	0,0,0
258	0.06	0.21	0.07	316,321,333	0.0	0.0	0.0	0,0,0
259	0.05	0.20	0.06	316,321,333	0.0	0.0	0.0	0,0,0
260	0.03	0.16	0.04	314,321,333	0.0	0.0	0.0	0,0,0
261	0.06	0.17	0.07	314,305,334	0.0	0.0	0.0	0,0,0
262	0.07	0.22	0.09	308,307,334	0.0	0.0	0.0	0,0,0
263	0.07	0.24	0.08	321,321,334	0.0	0.0	0.0	0,0,0
264	0.12	0.30	0.09	306,306,333	0.0	0.0	0.0	0,0,0
265	0.06	0.24	0.07	321,321,334	0.0	0.0	0.0	0,0,0
266	0.10	0.26	0.08	306,306,333	0.0	0.0	0.0	0,0,0
267	0.06	0.22	0.07	321,321,334	0.0	0.0	0.0	0,0,0
268	0.09	0.22	0.07	314,314,334	0.0	0.0	0.0	0,0,0
269	0.05	0.21	0.06	321,321,334	0.0	0.0	0.0	0,0,0
270	0.08	0.20	0.07	314,314,334	0.0	0.0	0.0	0,0,0
271	0.19	0.51	0.13	306,306,333	0.0	0.0	0.0	0,0,0
272	0.14	0.38	0.12	306,306,333	0.0	0.0	0.0	0,0,0
273	0.12	0.31	0.11	306,306,333	0.0	0.0	0.0	0,0,0
274	0.10	0.27	0.10	314,314,334	0.0	0.0	0.0	0,0,0
275	0.05	0.19	0.06	321,321,334	0.0	0.0	0.0	0,0,0
276	0.07	0.18	0.06	322,322,334	0.0	0.0	0.0	0,0,0
277	0.04	0.17	0.05	321,321,333	0.0	0.0	0.0	0,0,0
278	0.06	0.18	0.06	322,322,334	0.0	0.0	0.0	0,0,0
279	0.04	0.15	0.05	321,321,333	0.0	0.0	0.0	0,0,0
280	0.06	0.19	0.07	322,322,334	0.0	0.0	0.0	0,0,0
281	0.04	0.13	0.05	322,316,334	0.0	0.0	0.0	0,0,0
282	0.07	0.20	0.08	322,316,334	0.0	0.0	0.0	0,0,0
283	0.05	0.16	0.06	322,321,334	0.0	0.0	0.0	0,0,0
284	0.07	0.21	0.09	322,315,334	0.0	0.0	0.0	0,0,0
285	0.06	0.20	0.08	320,321,334	0.0	0.0	0.0	0,0,0
286	0.07	0.23	0.09	320,321,334	0.0	0.0	0.0	0,0,0
287	0.08	0.26	0.10	319,321,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
288	0.08	0.26	0.10	319,321,334	0.0	0.0	0.0	0,0,0
289	0.11	0.34	0.13	321,321,334	0.0	0.0	0.0	0,0,0
290	0.10	0.32	0.13	321,321,334	0.0	0.0	0.0	0,0,0
291	0.18	0.52	0.21	321,321,334	0.0	0.0	0.0	0,0,0
292	0.13	0.40	0.16	313,313,334	0.0	0.0	0.0	0,0,0
293	0.34	0.66	0.32	305,305,334	0.31	0.21	0.20	322,330,334
294	0.14	0.43	0.16	313,313,334	0.0	0.0	0.0	0,0,0
353	0.10	0.30	0.12	322,316,334	0.0	0.0	0.0	0,0,0
354	0.09	0.26	0.11	322,316,334	0.0	0.0	0.0	0,0,0
355	0.07	0.22	0.09	322,321,334	0.0	0.0	0.0	0,0,0
360	0.08	0.24	0.10	322,316,334	0.0	0.0	0.0	0,0,0
361	0.08	0.23	0.10	322,315,334	0.0	0.0	0.0	0,0,0
362	0.07	0.24	0.09	319,321,334	0.0	0.0	0.0	0,0,0
367	0.27	0.69	0.23	306,306,333	0.45	0.0	0.0	306,0,0
368	0.18	0.49	0.18	306,306,333	0.0	0.0	0.0	0,0,0
369	0.15	0.40	0.15	306,306,333	0.0	0.0	0.0	0,0,0
370	0.13	0.37	0.14	306,306,333	0.0	0.0	0.0	0,0,0
371	0.12	0.34	0.13	322,322,334	0.0	0.0	0.0	0,0,0
372	0.12	0.33	0.13	322,322,334	0.0	0.0	0.0	0,0,0
373	0.11	0.33	0.13	322,322,334	0.0	0.0	0.0	0,0,0
374	0.11	0.32	0.13	322,322,334	0.0	0.0	0.0	0,0,0
375	0.09	0.25	0.09	322,322,334	0.0	0.0	0.0	0,0,0
376	0.08	0.24	0.09	322,322,334	0.0	0.0	0.0	0,0,0
377	0.08	0.24	0.10	322,322,334	0.0	0.0	0.0	0,0,0
378	0.08	0.24	0.10	322,322,334	0.0	0.0	0.0	0,0,0
379	0.09	0.27	0.10	315,321,333	0.0	0.0	0.0	0,0,0
380	0.09	0.28	0.10	321,321,334	0.0	0.0	0.0	0,0,0
381	0.09	0.28	0.10	321,321,334	0.0	0.0	0.0	0,0,0
382	0.09	0.27	0.09	321,321,333	0.0	0.0	0.0	0,0,0
383	0.09	0.27	0.11	322,322,334	0.0	0.0	0.0	0,0,0
384	0.09	0.26	0.10	301,301,333	0.0	0.0	0.0	0,0,0
385	0.08	0.26	0.10	305,305,333	0.0	0.0	0.0	0,0,0
386	0.09	0.27	0.10	305,305,333	0.0	0.0	0.0	0,0,0
387	0.09	0.27	0.10	305,305,333	0.0	0.0	0.0	0,0,0
388	0.08	0.25	0.09	305,305,333	0.0	0.0	0.0	0,0,0
389	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
390	0.10	0.30	0.12	301,305,333	0.0	0.0	0.0	0,0,0
391	0.10	0.30	0.12	305,305,333	0.0	0.0	0.0	0,0,0
392	0.10	0.30	0.12	305,305,333	0.0	0.0	0.0	0,0,0
393	0.09	0.29	0.11	305,305,333	0.0	0.0	0.0	0,0,0
394	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
395	0.11	0.32	0.13	301,305,333	0.0	0.0	0.0	0,0,0
396	0.11	0.33	0.13	301,305,333	0.0	0.0	0.0	0,0,0
397	0.11	0.33	0.13	301,305,333	0.0	0.0	0.0	0,0,0
398	0.11	0.32	0.12	305,305,333	0.0	0.0	0.0	0,0,0
399	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
400	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
401	0.12	0.34	0.14	301,305,333	0.0	0.0	0.0	0,0,0
402	0.12	0.34	0.14	301,305,333	0.0	0.0	0.0	0,0,0
403	0.11	0.34	0.13	301,305,333	0.0	0.0	0.0	0,0,0
404	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
405	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
406	0.12	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
407	0.12	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
408	0.12	0.35	0.14	301,305,333	0.0	0.0	0.0	0,0,0
409	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
410	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
411	0.12	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
412	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
413	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
414	0.10	0.30	0.13	315,315,333	0.0	0.0	0.0	0,0,0
415	0.11	0.33	0.14	315,315,333	0.0	0.0	0.0	0,0,0
416	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
417	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
418	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
419	0.09	0.29	0.11	315,321,334	0.0	0.0	0.0	0,0,0
420	0.10	0.30	0.11	321,321,334	0.0	0.0	0.0	0,0,0
421	0.10	0.30	0.11	321,321,334	0.0	0.0	0.0	0,0,0
422	0.09	0.30	0.10	321,321,334	0.0	0.0	0.0	0,0,0
423	0.11	0.31	0.12	322,322,334	0.0	0.0	0.0	0,0,0
424	0.10	0.31	0.12	315,321,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
425	0.11	0.33	0.12	321,321,333	0.0	0.0	0.0	0,0,0
426	0.11	0.33	0.12	321,321,333	0.0	0.0	0.0	0,0,0
427	0.11	0.33	0.12	321,321,333	0.0	0.0	0.0	0,0,0
428	0.12	0.35	0.13	322,322,334	0.0	0.0	0.0	0,0,0
429	0.10	0.32	0.12	315,321,333	0.0	0.0	0.0	0,0,0
430	0.11	0.35	0.13	315,321,333	0.0	0.0	0.0	0,0,0
431	0.12	0.37	0.14	321,321,333	0.0	0.0	0.0	0,0,0
432	0.12	0.37	0.14	321,321,333	0.0	0.0	0.0	0,0,0
433	0.12	0.35	0.13	322,321,334	0.0	0.0	0.0	0,0,0
434	0.10	0.31	0.12	315,321,333	0.0	0.0	0.0	0,0,0
435	0.12	0.38	0.15	315,321,333	0.0	0.0	0.0	0,0,0
439	0.10	0.32	0.12	315,321,333	0.0	0.0	0.0	0,0,0
440	0.12	0.38	0.14	315,321,333	0.0	0.0	0.0	0,0,0
441	0.14	0.44	0.17	315,321,333	0.0	0.0	0.0	0,0,0
444	0.07	0.22	0.08	315,315,333	0.0	0.0	0.0	0,0,0
445	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
449	0.09	0.26	0.10	315,321,333	0.0	0.0	0.0	0,0,0
450	0.12	0.37	0.15	315,321,333	0.0	0.0	0.0	0,0,0
459	0.09	0.27	0.11	316,315,333	0.0	0.0	0.0	0,0,0
460	0.10	0.31	0.13	315,315,333	0.0	0.0	0.0	0,0,0
461	0.11	0.34	0.14	315,315,333	0.0	0.0	0.0	0,0,0
462	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
463	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
464	0.08	0.23	0.10	316,315,333	0.0	0.0	0.0	0,0,0
465	0.10	0.28	0.12	316,315,333	0.0	0.0	0.0	0,0,0
466	0.11	0.32	0.13	315,315,333	0.0	0.0	0.0	0,0,0
467	0.12	0.34	0.14	315,315,333	0.0	0.0	0.0	0,0,0
468	0.12	0.35	0.14	315,321,333	0.0	0.0	0.0	0,0,0
469	0.07	0.18	0.08	316,315,334	0.0	0.0	0.0	0,0,0
470	0.08	0.25	0.10	316,315,333	0.0	0.0	0.0	0,0,0
471	0.10	0.30	0.12	315,315,333	0.0	0.0	0.0	0,0,0
472	0.11	0.33	0.14	315,315,333	0.0	0.0	0.0	0,0,0
473	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
474	0.06	0.20	0.07	305,305,333	0.0	0.0	0.0	0,0,0
475	0.07	0.21	0.09	316,315,334	0.0	0.0	0.0	0,0,0
476	0.09	0.27	0.11	316,315,334	0.0	0.0	0.0	0,0,0
477	0.11	0.31	0.13	315,315,333	0.0	0.0	0.0	0,0,0
478	0.12	0.34	0.14	315,315,333	0.0	0.0	0.0	0,0,0
479	0.09	0.27	0.10	305,305,333	0.0	0.0	0.0	0,0,0
480	0.06	0.18	0.07	316,315,334	0.0	0.0	0.0	0,0,0
481	0.08	0.24	0.10	316,315,334	0.0	0.0	0.0	0,0,0
482	0.10	0.30	0.12	315,315,334	0.0	0.0	0.0	0,0,0
483	0.11	0.33	0.14	315,315,333	0.0	0.0	0.0	0,0,0
484	0.12	0.35	0.14	301,305,333	0.0	0.0	0.0	0,0,0
485	0.08	0.25	0.10	301,305,333	0.0	0.0	0.0	0,0,0
486	0.07	0.21	0.09	316,315,334	0.0	0.0	0.0	0,0,0
487	0.09	0.27	0.11	315,315,334	0.0	0.0	0.0	0,0,0
488	0.11	0.32	0.13	315,315,333	0.0	0.0	0.0	0,0,0
489	0.15	0.45	0.19	301,301,333	0.0	0.0	0.0	0,0,0
490	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
491	0.07	0.22	0.09	301,305,333	0.0	0.0	0.0	0,0,0
492	0.08	0.23	0.10	315,315,334	0.0	0.0	0.0	0,0,0
493	0.10	0.29	0.12	315,315,334	0.0	0.0	0.0	0,0,0
494	0.23	0.66	0.28	301,301,333	0.0	0.0	0.0	0,0,0
495	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
496	0.09	0.26	0.11	305,305,333	0.0	0.0	0.0	0,0,0
497	0.06	0.19	0.08	316,315,334	0.0	0.0	0.0	0,0,0
498	0.05	0.14	0.06	308,307,334	0.0	0.0	0.0	0,0,0
499	0.39	0.72	0.39	305,314,333	0.43	0.28	0.24	314,325,333
500	0.19	0.58	0.22	305,305,333	0.0	0.0	0.0	0,0,0
501	0.11	0.34	0.13	305,305,333	0.0	0.0	0.0	0,0,0
502	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
503	0.07	0.22	0.09	315,315,334	0.0	0.0	0.0	0,0,0
720	0.12	0.35	0.14	315,321,333	0.0	0.0	0.0	0,0,0
721	0.12	0.34	0.14	315,321,333	0.0	0.0	0.0	0,0,0
722	0.11	0.33	0.12	321,321,333	0.0	0.0	0.0	0,0,0
723	0.10	0.29	0.10	305,305,333	0.0	0.0	0.0	0,0,0
724	0.08	0.25	0.08	305,305,333	0.0	0.0	0.0	0,0,0
725	0.06	0.20	0.05	305,305,333	0.0	0.0	0.0	0,0,0
726	0.15	0.40	0.12	314,314,334	0.0	0.0	0.0	0,0,0
727	0.47	0.63	0.31	314,314,334	0.27	0.21	0.12	314,331,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
728	0.12	0.35	0.14	315,321,333	0.0	0.0	0.0	0,0,0
729	0.12	0.35	0.14	315,321,333	0.0	0.0	0.0	0,0,0
730	0.11	0.34	0.13	321,321,333	0.0	0.0	0.0	0,0,0
731	0.11	0.32	0.12	305,305,333	0.0	0.0	0.0	0,0,0
732	0.09	0.29	0.10	305,305,333	0.0	0.0	0.0	0,0,0
733	0.08	0.25	0.08	305,305,333	0.0	0.0	0.0	0,0,0
734	0.11	0.28	0.09	314,314,334	0.0	0.0	0.0	0,0,0
735	0.15	0.37	0.14	314,314,334	0.0	0.0	0.0	0,0,0
736	0.12	0.36	0.14	315,321,333	0.0	0.0	0.0	0,0,0
737	0.12	0.36	0.14	315,321,333	0.0	0.0	0.0	0,0,0
738	0.12	0.36	0.14	315,321,333	0.0	0.0	0.0	0,0,0
739	0.11	0.35	0.13	321,321,333	0.0	0.0	0.0	0,0,0
740	0.10	0.32	0.12	305,305,333	0.0	0.0	0.0	0,0,0
741	0.09	0.28	0.09	305,305,333	0.0	0.0	0.0	0,0,0
742	0.07	0.23	0.07	305,305,333	0.0	0.0	0.0	0,0,0
743	0.08	0.21	0.07	314,314,334	0.0	0.0	0.0	0,0,0
744	0.12	0.36	0.14	315,321,333	0.0	0.0	0.0	0,0,0
745	0.12	0.36	0.15	315,321,333	0.0	0.0	0.0	0,0,0
746	0.12	0.36	0.15	315,321,333	0.0	0.0	0.0	0,0,0
747	0.12	0.36	0.14	321,321,333	0.0	0.0	0.0	0,0,0
748	0.11	0.34	0.13	305,321,333	0.0	0.0	0.0	0,0,0
749	0.10	0.31	0.11	305,305,333	0.0	0.0	0.0	0,0,0
750	0.18	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
752	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
753	0.12	0.37	0.15	315,321,333	0.0	0.0	0.0	0,0,0
754	0.12	0.37	0.15	315,321,333	0.0	0.0	0.0	0,0,0
755	0.12	0.37	0.15	315,321,333	0.0	0.0	0.0	0,0,0
756	0.12	0.36	0.14	321,321,333	0.0	0.0	0.0	0,0,0
757	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
758	0.05	0.14	0.06	308,307,334	0.0	0.0	0.0	0,0,0
759	0.23	0.68	0.29	307,307,334	0.0	0.0	0.0	0,0,0
760	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
761	0.12	0.37	0.15	315,321,333	0.0	0.0	0.0	0,0,0
762	0.13	0.38	0.15	315,321,333	0.0	0.0	0.0	0,0,0
764	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
765	0.20	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0
766	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
767	0.05	0.14	0.05	321,321,334	0.0	0.0	0.0	0,0,0
768	0.11	0.33	0.14	315,315,333	0.0	0.0	0.0	0,0,0
769	0.12	0.37	0.14	321,321,333	0.0	0.0	0.0	0,0,0
770	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
771	0.05	0.15	0.05	305,305,333	0.0	0.0	0.0	0,0,0
773	0.03	0.11	0.04	313,313,334	0.0	0.0	0.0	0,0,0
774	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
775	0.08	0.26	0.10	307,313,334	0.0	0.0	0.0	0,0,0
776	0.08	0.22	0.10	320,321,333	0.0	0.0	0.0	0,0,0
777	0.10	0.31	0.13	302,302,333	0.0	0.0	0.0	0,0,0
778	0.12	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
779	0.17	0.49	0.21	307,308,334	0.0	0.0	0.0	0,0,0
780	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
781	0.11	0.32	0.14	308,307,334	0.0	0.0	0.0	0,0,0
782	0.05	0.15	0.03	314,305,334	0.0	0.0	0.0	0,0,0
783	0.10	0.31	0.13	315,315,334	0.0	0.0	0.0	0,0,0
784	0.15	0.41	0.15	321,321,333	0.0	0.0	0.0	0,0,0
785	0.05	0.16	0.05	322,322,334	0.0	0.0	0.0	0,0,0
786	0.08	0.16	0.10	322,316,334	0.0	0.0	0.0	0,0,0
787	0.13	0.41	0.16	305,301,333	0.0	0.0	0.0	0,0,0
788	0.38	0.69	0.45	322,314,333	0.32	0.31	0.30	314,325,333
789	0.16	0.52	0.20	302,301,333	0.0	0.0	0.0	0,0,0
790	0.08	0.23	0.09	315,315,334	0.0	0.0	0.0	0,0,0
791	0.13	0.38	0.14	313,313,334	0.0	0.0	0.0	0,0,0
819	0.08	0.24	0.09	313,313,334	0.0	0.0	0.0	0,0,0
821	0.06	0.21	0.08	319,321,334	0.0	0.0	0.0	0,0,0
822	0.05	0.15	0.05	321,321,334	0.0	0.0	0.0	0,0,0
823	0.05	0.17	0.06	315,321,333	0.0	0.0	0.0	0,0,0
824	0.06	0.19	0.07	313,313,334	0.0	0.0	0.0	0,0,0
825	0.05	0.15	0.05	313,313,334	0.0	0.0	0.0	0,0,0
826	0.08	0.24	0.09	313,313,334	0.0	0.0	0.0	0,0,0
827	0.07	0.23	0.09	313,313,334	0.0	0.0	0.0	0,0,0
828	0.39	0.73	0.36	321,322,334	0.45	0.21	0.17	322,330,334
829	0.16	0.46	0.18	313,313,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
830	0.16	0.47	0.18	321,321,334	0.0	0.0	0.0	0,0,0
831	0.11	0.33	0.12	313,313,334	0.0	0.0	0.0	0,0,0
832	0.08	0.24	0.09	315,321,333	0.0	0.0	0.0	0,0,0
833	0.09	0.27	0.10	315,321,333	0.0	0.0	0.0	0,0,0
834	0.05	0.16	0.06	315,321,333	0.0	0.0	0.0	0,0,0
835	0.07	0.21	0.08	315,315,333	0.0	0.0	0.0	0,0,0
836	0.07	0.21	0.08	313,313,334	0.0	0.0	0.0	0,0,0
837	0.06	0.18	0.07	315,315,333	0.0	0.0	0.0	0,0,0
838	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
839	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
840	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
841	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
842	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
843	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
844	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
845	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
846	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
847	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
848	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
849	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
850	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
851	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
852	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
853	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
854	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
855	0.12	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
856	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
857	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
858	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
859	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
860	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
861	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
862	0.10	0.29	0.12	301,301,333	0.0	0.0	0.0	0,0,0
863	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
864	0.09	0.28	0.11	315,315,333	0.0	0.0	0.0	0,0,0
865	0.09	0.28	0.11	315,315,333	0.0	0.0	0.0	0,0,0
866	0.09	0.26	0.11	301,301,333	0.0	0.0	0.0	0,0,0
867	0.08	0.25	0.10	315,321,334	0.0	0.0	0.0	0,0,0
868	0.08	0.24	0.09	315,315,333	0.0	0.0	0.0	0,0,0
869	0.08	0.23	0.09	315,315,333	0.0	0.0	0.0	0,0,0
870	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
871	0.09	0.26	0.10	301,301,333	0.0	0.0	0.0	0,0,0
872	0.09	0.26	0.10	301,301,333	0.0	0.0	0.0	0,0,0
873	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
874	0.07	0.21	0.08	301,301,333	0.0	0.0	0.0	0,0,0
875	0.07	0.20	0.08	301,301,333	0.0	0.0	0.0	0,0,0
876	0.07	0.20	0.08	301,301,333	0.0	0.0	0.0	0,0,0
877	0.07	0.21	0.08	301,301,333	0.0	0.0	0.0	0,0,0
878	0.05	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
879	0.04	0.13	0.05	301,305,333	0.0	0.0	0.0	0,0,0
880	0.06	0.17	0.07	322,321,334	0.0	0.0	0.0	0,0,0
881	0.08	0.25	0.10	316,321,334	0.0	0.0	0.0	0,0,0
882	0.07	0.19	0.09	314,309,334	0.0	0.0	0.0	0,0,0
883	0.10	0.29	0.13	314,308,334	0.0	0.0	0.0	0,0,0
884	0.19	0.52	0.22	314,314,334	0.0	0.0	0.0	0,0,0
885	0.53	0.72	0.42	322,322,334	0.32	0.26	0.19	322,331,334
886	0.04	0.11	0.05	314,310,334	0.0	0.0	0.0	0,0,0
887	0.07	0.19	0.08	314,314,334	0.0	0.0	0.0	0,0,0
888	0.11	0.30	0.13	314,320,334	0.0	0.0	0.0	0,0,0
889	0.18	0.46	0.20	322,316,334	0.0	0.0	0.0	0,0,0
890	0.10	0.29	0.11	301,301,333	0.0	0.0	0.0	0,0,0
891	0.10	0.31	0.12	301,301,333	0.0	0.0	0.0	0,0,0
892	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
893	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
894	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
895	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
896	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
897	0.09	0.26	0.11	316,315,333	0.0	0.0	0.0	0,0,0
898	0.10	0.31	0.12	301,301,333	0.0	0.0	0.0	0,0,0
899	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
900	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
901	0.12	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
902	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
903	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
904	0.09	0.27	0.11	316,315,333	0.0	0.0	0.0	0,0,0
905	0.09	0.28	0.08	305,305,333	0.0	0.0	0.0	0,0,0
906	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
907	0.12	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
908	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
909	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
910	0.12	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
911	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
912	0.09	0.28	0.11	315,315,333	0.0	0.0	0.0	0,0,0
913	0.27	0.53	0.22	305,314,333	0.19	0.13	0.0	305,325,0
914	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
915	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
916	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
917	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
918	0.13	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
919	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
920	0.13	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
921	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
922	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
923	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
924	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
925	0.11	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
926	0.09	0.28	0.11	315,315,333	0.0	0.0	0.0	0,0,0
927	0.10	0.27	0.11	306,321,333	0.0	0.0	0.0	0,0,0
928	0.07	0.21	0.08	315,315,333	0.0	0.0	0.0	0,0,0
929	0.41	0.66	0.35	306,306,333	0.28	0.25	0.19	306,326,333
930	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
931	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
932	0.09	0.27	0.11	301,321,333	0.0	0.0	0.0	0,0,0
933	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
934	0.08	0.23	0.09	301,301,333	0.0	0.0	0.0	0,0,0
935	0.08	0.24	0.10	301,301,333	0.0	0.0	0.0	0,0,0
936	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
937	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
938	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
939	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
940	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
941	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
942	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
943	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
944	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
945	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
946	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
947	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
948	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
949	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
950	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
951	0.11	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
952	0.11	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
953	0.11	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
954	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
955	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
956	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
957	0.09	0.26	0.11	301,301,333	0.0	0.0	0.0	0,0,0
958	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
959	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
960	0.11	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
961	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
962	0.10	0.29	0.12	301,301,333	0.0	0.0	0.0	0,0,0
963	0.36	0.65	0.32	314,314,334	0.27	0.26	0.19	314,331,334
964	0.17	0.32	0.20	314,314,334	0.0	0.0	0.0	0,0,0
965	0.07	0.22	0.09	313,313,334	0.0	0.0	0.0	0,0,0
966	0.06	0.18	0.06	314,305,333	0.0	0.0	0.0	0,0,0
967	0.05	0.15	0.05	301,305,333	0.0	0.0	0.0	0,0,0
968	0.03	0.11	0.04	301,305,334	0.0	0.0	0.0	0,0,0
969	0.08	0.24	0.09	301,301,333	0.0	0.0	0.0	0,0,0
970	0.07	0.21	0.08	301,301,333	0.0	0.0	0.0	0,0,0
971	0.06	0.17	0.06	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
972	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
973	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
974	0.08	0.24	0.10	301,301,333	0.0	0.0	0.0	0,0,0
975	0.09	0.28	0.11	315,321,333	0.0	0.0	0.0	0,0,0
976	0.08	0.24	0.09	315,315,333	0.0	0.0	0.0	0,0,0
977	0.07	0.21	0.08	301,301,333	0.0	0.0	0.0	0,0,0
978	0.09	0.26	0.10	315,315,333	0.0	0.0	0.0	0,0,0
979	0.08	0.25	0.10	301,301,333	0.0	0.0	0.0	0,0,0
980	0.08	0.25	0.10	315,321,334	0.0	0.0	0.0	0,0,0
981	0.06	0.21	0.08	301,313,334	0.0	0.0	0.0	0,0,0
982	0.09	0.28	0.11	315,321,333	0.0	0.0	0.0	0,0,0
983	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
984	0.07	0.26	0.09	315,321,333	0.0	0.0	0.0	0,0,0
985	0.09	0.22	0.09	314,314,334	0.0	0.0	0.0	0,0,0
986	0.07	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
987	0.09	0.29	0.11	301,301,333	0.0	0.0	0.0	0,0,0
988	0.08	0.26	0.09	301,321,333	0.0	0.0	0.0	0,0,0
989	0.06	0.23	0.08	315,321,333	0.0	0.0	0.0	0,0,0
990	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
991	0.09	0.29	0.11	301,301,333	0.0	0.0	0.0	0,0,0
992	0.08	0.24	0.09	301,301,333	0.0	0.0	0.0	0,0,0
993	0.10	0.32	0.12	301,301,333	0.0	0.0	0.0	0,0,0
994	0.12	0.37	0.14	301,301,333	0.0	0.0	0.0	0,0,0
995	0.11	0.34	0.13	301,301,333	0.0	0.0	0.0	0,0,0
996	0.11	0.35	0.13	301,301,333	0.0	0.0	0.0	0,0,0
997	0.11	0.35	0.13	301,301,333	0.0	0.0	0.0	0,0,0
998	0.11	0.35	0.13	301,301,333	0.0	0.0	0.0	0,0,0
999	0.11	0.34	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1000	0.13	0.41	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1001	0.13	0.41	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1002	0.13	0.41	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1003	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1004	0.13	0.39	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1005	0.14	0.44	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1006	0.14	0.44	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1007	0.14	0.44	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1008	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1009	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1010	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
1011	0.12	0.36	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1012	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1013	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
1014	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1015	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1016	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1017	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1018	0.11	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1019	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1020	0.03	0.10	0.04	322,321,333	0.0	0.0	0.0	0,0,0
1021	0.06	0.18	0.07	316,321,333	0.0	0.0	0.0	0,0,0
1022	0.04	0.12	0.04	316,321,333	0.0	0.0	0.0	0,0,0
1023	0.07	0.21	0.08	316,321,333	0.0	0.0	0.0	0,0,0
1024	0.04	0.15	0.05	316,321,333	0.0	0.0	0.0	0,0,0
1025	0.07	0.24	0.08	316,321,333	0.0	0.0	0.0	0,0,0
1026	0.05	0.16	0.05	322,321,333	0.0	0.0	0.0	0,0,0
1027	0.08	0.25	0.09	316,321,333	0.0	0.0	0.0	0,0,0
1028	0.06	0.19	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1029	0.06	0.19	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1030	0.05	0.17	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1031	0.04	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
1032	0.06	0.19	0.07	305,305,333	0.0	0.0	0.0	0,0,0
1033	0.06	0.19	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1034	0.05	0.17	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1035	0.04	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
1036	0.06	0.19	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1037	0.06	0.19	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1038	0.05	0.17	0.06	301,305,333	0.0	0.0	0.0	0,0,0
1039	0.04	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
1040	0.06	0.18	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1041	0.05	0.17	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1042	0.05	0.16	0.06	301,305,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1043	0.04	0.13	0.05	301,305,333	0.0	0.0	0.0	0,0,0
1044	0.15	0.40	0.13	322,322,333	0.0	0.0	0.0	0,0,0
1045	0.06	0.18	0.07	306,305,333	0.0	0.0	0.0	0,0,0
1046	0.06	0.18	0.07	305,305,333	0.0	0.0	0.0	0,0,0
1047	0.06	0.19	0.07	305,305,333	0.0	0.0	0.0	0,0,0
1048	0.07	0.20	0.08	305,305,333	0.0	0.0	0.0	0,0,0
1049	0.06	0.19	0.07	305,305,333	0.0	0.0	0.0	0,0,0
1050	0.07	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
1051	0.06	0.19	0.07	305,305,333	0.0	0.0	0.0	0,0,0
1052	0.16	0.44	0.15	322,322,333	0.0	0.0	0.0	0,0,0
1053	0.05	0.17	0.06	305,305,333	0.0	0.0	0.0	0,0,0
1054	0.07	0.21	0.08	305,305,333	0.0	0.0	0.0	0,0,0
1055	0.07	0.22	0.09	301,305,333	0.0	0.0	0.0	0,0,0
1056	0.06	0.16	0.07	322,316,333	0.0	0.0	0.0	0,0,0
1057	0.05	0.17	0.06	305,305,333	0.0	0.0	0.0	0,0,0
1058	0.07	0.21	0.08	305,305,333	0.0	0.0	0.0	0,0,0
1059	0.08	0.24	0.10	301,305,333	0.0	0.0	0.0	0,0,0
1060	0.09	0.26	0.11	301,305,333	0.0	0.0	0.0	0,0,0
1061	0.08	0.23	0.09	305,305,333	0.0	0.0	0.0	0,0,0
1062	0.07	0.20	0.08	302,305,333	0.0	0.0	0.0	0,0,0
1063	0.07	0.21	0.09	302,305,333	0.0	0.0	0.0	0,0,0
1064	0.11	0.32	0.13	301,305,333	0.0	0.0	0.0	0,0,0
1065	0.10	0.30	0.13	301,305,333	0.0	0.0	0.0	0,0,0
1066	0.10	0.29	0.12	301,305,333	0.0	0.0	0.0	0,0,0
1067	0.10	0.29	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1068	0.10	0.29	0.12	301,305,333	0.0	0.0	0.0	0,0,0
1069	0.09	0.27	0.11	301,305,333	0.0	0.0	0.0	0,0,0
1070	0.09	0.25	0.11	316,305,333	0.0	0.0	0.0	0,0,0
1071	0.09	0.26	0.11	316,321,333	0.0	0.0	0.0	0,0,0
1072	0.13	0.37	0.16	301,305,333	0.0	0.0	0.0	0,0,0
1073	0.12	0.34	0.15	315,321,333	0.0	0.0	0.0	0,0,0
1074	0.11	0.32	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1075	0.10	0.31	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1076	0.12	0.35	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1077	0.11	0.33	0.14	301,305,333	0.0	0.0	0.0	0,0,0
1078	0.11	0.32	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1079	0.10	0.31	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1080	0.16	0.43	0.19	322,316,333	0.0	0.0	0.0	0,0,0
1081	0.16	0.43	0.19	322,316,333	0.0	0.0	0.0	0,0,0
1082	0.11	0.33	0.14	321,321,333	0.0	0.0	0.0	0,0,0
1083	0.13	0.37	0.16	315,321,333	0.0	0.0	0.0	0,0,0
1084	0.12	0.36	0.15	319,321,333	0.0	0.0	0.0	0,0,0
1085	0.10	0.31	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1086	0.12	0.35	0.14	315,321,333	0.0	0.0	0.0	0,0,0
1087	0.13	0.37	0.16	315,321,333	0.0	0.0	0.0	0,0,0
1088	0.10	0.31	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1089	0.11	0.32	0.14	315,321,333	0.0	0.0	0.0	0,0,0
1090	0.12	0.35	0.15	315,321,333	0.0	0.0	0.0	0,0,0
1091	0.13	0.37	0.16	315,321,333	0.0	0.0	0.0	0,0,0
1092	0.32	0.70	0.38	322,315,333	0.36	0.35	0.33	321,325,333
1093	0.37	0.76	0.37	322,322,333	0.37	0.35	0.32	322,326,333
1094	0.23	0.65	0.29	316,315,333	0.0	0.0	0.0	0,0,0
1095	0.23	0.66	0.29	316,315,333	0.0	0.0	0.0	0,0,0
1096	0.13	0.35	0.16	316,315,333	0.0	0.0	0.0	0,0,0
1097	0.13	0.36	0.16	316,315,333	0.0	0.0	0.0	0,0,0
1098	0.12	0.34	0.14	305,321,333	0.0	0.0	0.0	0,0,0
1099	0.12	0.36	0.15	315,321,333	0.0	0.0	0.0	0,0,0
1100	0.11	0.33	0.13	321,321,333	0.0	0.0	0.0	0,0,0
1101	0.09	0.26	0.10	321,321,333	0.0	0.0	0.0	0,0,0
1102	0.11	0.34	0.14	315,321,333	0.0	0.0	0.0	0,0,0
1103	0.12	0.34	0.14	321,321,333	0.0	0.0	0.0	0,0,0
1104	0.11	0.32	0.13	321,321,333	0.0	0.0	0.0	0,0,0
1105	0.09	0.27	0.11	321,321,333	0.0	0.0	0.0	0,0,0
1106	0.08	0.23	0.09	315,321,333	0.0	0.0	0.0	0,0,0
1107	0.06	0.17	0.07	320,321,333	0.0	0.0	0.0	0,0,0
1108	0.11	0.32	0.13	321,321,333	0.0	0.0	0.0	0,0,0
1109	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
1110	0.11	0.31	0.13	320,321,333	0.0	0.0	0.0	0,0,0
1111	0.13	0.36	0.16	320,319,333	0.0	0.0	0.0	0,0,0
1112	0.11	0.32	0.13	321,321,333	0.0	0.0	0.0	0,0,0
1113	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1114	0.11	0.32	0.14	320,321,333	0.0	0.0	0.0	0,0,0
1115	0.14	0.41	0.17	319,319,333	0.0	0.0	0.0	0,0,0
1116	0.10	0.28	0.11	305,305,333	0.0	0.0	0.0	0,0,0
1117	0.08	0.22	0.08	321,321,333	0.0	0.0	0.0	0,0,0
1118	0.07	0.20	0.07	321,321,334	0.0	0.0	0.0	0,0,0
1119	0.07	0.21	0.07	321,321,334	0.0	0.0	0.0	0,0,0
1120	0.10	0.28	0.11	305,305,333	0.0	0.0	0.0	0,0,0
1121	0.08	0.25	0.10	315,321,333	0.0	0.0	0.0	0,0,0
1122	0.08	0.25	0.10	315,321,333	0.0	0.0	0.0	0,0,0
1123	0.08	0.25	0.10	321,321,333	0.0	0.0	0.0	0,0,0
1124	0.10	0.29	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1125	0.09	0.28	0.11	315,321,333	0.0	0.0	0.0	0,0,0
1126	0.09	0.28	0.12	315,321,333	0.0	0.0	0.0	0,0,0
1127	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
1128	0.10	0.31	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1129	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
1130	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
1131	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1132	0.10	0.29	0.12	305,305,333	0.0	0.0	0.0	0,0,0
1133	0.08	0.23	0.08	321,321,333	0.0	0.0	0.0	0,0,0
1134	0.09	0.19	0.08	306,306,333	0.0	0.0	0.0	0,0,0
1135	0.12	0.30	0.08	306,306,333	0.0	0.0	0.0	0,0,0
1136	0.11	0.31	0.13	321,321,333	0.0	0.0	0.0	0,0,0
1137	0.11	0.28	0.13	322,316,333	0.0	0.0	0.0	0,0,0
1138	0.18	0.49	0.22	322,316,333	0.0	0.0	0.0	0,0,0
1139	0.29	0.66	0.32	322,321,333	0.38	0.34	0.0	321,323,0
1140	0.11	0.30	0.12	305,305,333	0.0	0.0	0.0	0,0,0
1141	0.10	0.25	0.11	322,322,333	0.0	0.0	0.0	0,0,0
1142	0.18	0.49	0.21	322,322,333	0.0	0.0	0.0	0,0,0
1143	0.37	0.76	0.34	322,322,333	0.36	0.33	0.27	322,326,333
1144	0.11	0.32	0.13	321,321,333	0.0	0.0	0.0	0,0,0
1145	0.10	0.29	0.12	322,321,333	0.0	0.0	0.0	0,0,0
1146	0.15	0.43	0.19	316,315,333	0.0	0.0	0.0	0,0,0
1147	0.18	0.50	0.21	321,321,333	0.0	0.0	0.0	0,0,0
1148	0.11	0.32	0.13	321,321,333	0.0	0.0	0.0	0,0,0
1149	0.10	0.30	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1150	0.10	0.29	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1151	0.10	0.29	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1152	0.10	0.30	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1153	0.10	0.30	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1154	0.10	0.30	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1155	0.10	0.30	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1156	0.11	0.31	0.12	305,321,333	0.0	0.0	0.0	0,0,0
1157	0.10	0.30	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1158	0.10	0.29	0.11	321,321,333	0.0	0.0	0.0	0,0,0
1159	0.09	0.26	0.11	321,321,333	0.0	0.0	0.0	0,0,0
1160	0.12	0.36	0.15	319,321,333	0.0	0.0	0.0	0,0,0
1161	0.10	0.30	0.11	321,321,333	0.0	0.0	0.0	0,0,0
1162	0.09	0.26	0.10	321,321,333	0.0	0.0	0.0	0,0,0
1163	0.08	0.25	0.09	305,305,333	0.0	0.0	0.0	0,0,0
1164	0.14	0.41	0.17	319,321,333	0.0	0.0	0.0	0,0,0
1165	0.11	0.31	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1166	0.10	0.29	0.11	321,321,333	0.0	0.0	0.0	0,0,0
1167	0.09	0.28	0.10	321,321,333	0.0	0.0	0.0	0,0,0
1168	0.09	0.28	0.09	305,305,333	0.0	0.0	0.0	0,0,0
1169	0.08	0.26	0.08	305,305,333	0.0	0.0	0.0	0,0,0
1170	0.06	0.27	0.08	316,321,334	0.0	0.0	0.0	0,0,0
1171	0.07	0.21	0.08	321,305,334	0.0	0.0	0.0	0,0,0
1172	0.12	0.32	0.14	321,322,333	0.0	0.0	0.0	0,0,0
1173	0.11	0.32	0.14	322,322,333	0.0	0.0	0.0	0,0,0
1174	0.12	0.33	0.15	316,315,333	0.0	0.0	0.0	0,0,0
1175	0.16	0.44	0.16	321,321,333	0.0	0.0	0.0	0,0,0
1176	0.46	0.72	0.34	321,321,333	0.38	0.25	0.16	322,325,333
1177	0.19	0.50	0.24	315,315,333	0.0	0.0	0.0	0,0,0
1178	0.18	0.46	0.21	322,322,333	0.0	0.0	0.0	0,0,0
1179	0.21	0.50	0.27	316,316,333	0.0	0.0	0.0	0,0,0
1180	0.38	0.67	0.31	322,322,333	0.29	0.26	0.21	322,326,333
1181	0.22	0.53	0.24	322,322,333	0.0	0.0	0.0	0,0,0
1182	0.20	0.50	0.22	322,322,333	0.0	0.0	0.0	0,0,0
1183	0.26	0.64	0.27	322,322,333	0.37	0.0	0.0	322,0,0
1184	0.20	0.54	0.19	322,322,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1185	0.17	0.47	0.17	322,322,333	0.0	0.0	0.0	0,0,0
1186	0.16	0.45	0.16	322,322,333	0.0	0.0	0.0	0,0,0
1187	0.15	0.40	0.14	322,322,333	0.0	0.0	0.0	0,0,0
1188	0.15	0.40	0.14	322,322,333	0.0	0.0	0.0	0,0,0
1189	0.14	0.39	0.14	322,322,333	0.0	0.0	0.0	0,0,0
1190	0.13	0.36	0.13	322,322,333	0.0	0.0	0.0	0,0,0
1191	0.12	0.31	0.11	322,322,333	0.0	0.0	0.0	0,0,0
1192	0.09	0.24	0.08	322,322,333	0.0	0.0	0.0	0,0,0
1193	0.08	0.22	0.08	322,305,333	0.0	0.0	0.0	0,0,0
1194	0.08	0.23	0.08	321,321,333	0.0	0.0	0.0	0,0,0
1195	0.09	0.25	0.09	321,321,333	0.0	0.0	0.0	0,0,0
1198	0.08	0.25	0.10	322,321,334	0.0	0.0	0.0	0,0,0
1199	0.08	0.29	0.11	316,321,334	0.0	0.0	0.0	0,0,0
1200	0.09	0.30	0.11	315,321,334	0.0	0.0	0.0	0,0,0
1201	0.09	0.30	0.11	315,321,334	0.0	0.0	0.0	0,0,0
1202	0.08	0.28	0.10	315,321,334	0.0	0.0	0.0	0,0,0
1203	0.02	0.21	0.03	322,321,333	0.0	0.0	0.0	0,0,0
1204	0.02	0.22	0.03	322,305,333	0.0	0.0	0.0	0,0,0
1205	0.04	0.24	0.03	322,305,334	0.0	0.0	0.0	0,0,0
1206	0.10	0.29	0.07	322,322,334	0.0	0.0	0.0	0,0,0
1207	0.05	0.22	0.05	322,321,333	0.0	0.0	0.0	0,0,0
1208	0.12	0.28	0.12	322,322,333	0.0	0.0	0.0	0,0,0
1209	0.07	0.24	0.08	321,321,334	0.0	0.0	0.0	0,0,0
1210	0.12	0.33	0.10	306,306,333	0.0	0.0	0.0	0,0,0
1211	0.25	0.66	0.15	306,306,333	0.0	0.0	0.0	0,0,0
1228	0.03	0.10	0.04	322,305,333	0.0	0.0	0.0	0,0,0
1229	0.06	0.17	0.07	322,321,333	0.0	0.0	0.0	0,0,0
1230	0.05	0.18	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1231	0.05	0.18	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1232	0.05	0.17	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1233	0.04	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
1234	0.36	0.55	0.28	306,306,333	0.22	0.18	0.12	306,326,333
1235	0.09	0.23	0.09	306,306,333	0.0	0.0	0.0	0,0,0
1236	0.35	0.50	0.34	322,322,333	0.19	0.18	0.15	322,326,333
1237	0.11	0.27	0.12	322,316,333	0.0	0.0	0.0	0,0,0
1238	0.08	0.21	0.09	302,305,333	0.0	0.0	0.0	0,0,0
1239	0.10	0.29	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1240	0.09	0.26	0.12	316,321,333	0.0	0.0	0.0	0,0,0
1241	0.10	0.31	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1242	0.10	0.31	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1243	0.25	0.67	0.23	322,322,333	0.0	0.0	0.0	0,0,0
1244	0.13	0.38	0.16	321,321,333	0.0	0.0	0.0	0,0,0
1245	0.12	0.36	0.15	319,321,333	0.0	0.0	0.0	0,0,0
1248	0.18	0.51	0.23	316,316,333	0.0	0.0	0.0	0,0,0
1249	0.05	0.15	0.06	302,302,333	0.0	0.0	0.0	0,0,0
1250	0.14	0.39	0.17	320,319,333	0.0	0.0	0.0	0,0,0
1251	0.15	0.42	0.18	319,319,333	0.0	0.0	0.0	0,0,0
1252	0.07	0.20	0.07	321,321,334	0.0	0.0	0.0	0,0,0
1253	0.08	0.25	0.10	321,321,333	0.0	0.0	0.0	0,0,0
1254	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
1255	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
1256	0.24	0.67	0.20	306,306,333	0.0	0.0	0.0	0,0,0
1259	0.18	0.49	0.22	321,321,333	0.0	0.0	0.0	0,0,0
1260	0.10	0.28	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1261	0.10	0.29	0.12	321,321,333	0.0	0.0	0.0	0,0,0
1262	0.08	0.23	0.09	321,321,333	0.0	0.0	0.0	0,0,0
1263	0.14	0.41	0.17	319,319,333	0.0	0.0	0.0	0,0,0
1264	0.14	0.41	0.17	321,321,333	0.0	0.0	0.0	0,0,0
1265	0.09	0.31	0.09	305,305,333	0.0	0.0	0.0	0,0,0
1266	0.16	0.39	0.16	321,321,333	0.0	0.0	0.0	0,0,0
1268	0.45	0.70	0.27	322,322,333	0.31	0.20	0.0	322,326,0
1269	0.21	0.50	0.13	322,322,333	0.0	0.0	0.0	0,0,0
1270	0.11	0.28	0.10	322,322,333	0.0	0.0	0.0	0,0,0
1271	0.09	0.25	0.09	321,321,333	0.0	0.0	0.0	0,0,0
1272	0.05	0.16	0.05	322,321,333	0.0	0.0	0.0	0,0,0
1273	0.08	0.25	0.09	316,321,333	0.0	0.0	0.0	0,0,0
1274	0.05	0.17	0.06	322,315,333	0.0	0.0	0.0	0,0,0
1275	0.08	0.26	0.10	316,315,333	0.0	0.0	0.0	0,0,0
1276	0.07	0.21	0.08	316,316,334	0.0	0.0	0.0	0,0,0
1277	0.10	0.30	0.12	316,316,334	0.0	0.0	0.0	0,0,0
1278	0.08	0.26	0.10	316,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1279	0.13	0.38	0.15	316,316,334	0.0	0.0	0.0	0,0,0
1280	0.05	0.17	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1281	0.05	0.15	0.06	301,305,333	0.0	0.0	0.0	0,0,0
1282	0.04	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
1283	0.03	0.12	0.04	301,305,333	0.0	0.0	0.0	0,0,0
1284	0.05	0.17	0.07	315,321,333	0.0	0.0	0.0	0,0,0
1285	0.05	0.17	0.06	315,321,333	0.0	0.0	0.0	0,0,0
1286	0.04	0.15	0.05	301,321,333	0.0	0.0	0.0	0,0,0
1287	0.03	0.12	0.04	301,305,333	0.0	0.0	0.0	0,0,0
1288	0.06	0.20	0.08	316,321,333	0.0	0.0	0.0	0,0,0
1289	0.06	0.20	0.07	315,321,333	0.0	0.0	0.0	0,0,0
1290	0.05	0.18	0.06	315,321,333	0.0	0.0	0.0	0,0,0
1291	0.04	0.16	0.05	301,305,333	0.0	0.0	0.0	0,0,0
1292	0.07	0.22	0.08	316,321,333	0.0	0.0	0.0	0,0,0
1293	0.07	0.22	0.08	316,321,333	0.0	0.0	0.0	0,0,0
1294	0.06	0.21	0.08	315,321,333	0.0	0.0	0.0	0,0,0
1295	0.06	0.19	0.07	316,321,333	0.0	0.0	0.0	0,0,0
1296	0.07	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
1297	0.06	0.19	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1298	0.07	0.20	0.08	315,321,333	0.0	0.0	0.0	0,0,0
1299	0.06	0.18	0.07	315,315,333	0.0	0.0	0.0	0,0,0
1300	0.07	0.20	0.08	322,315,333	0.0	0.0	0.0	0,0,0
1301	0.07	0.20	0.09	316,315,333	0.0	0.0	0.0	0,0,0
1302	0.19	0.33	0.18	322,316,333	0.12	0.0	0.0	322,0,0
1303	0.07	0.21	0.09	316,321,333	0.0	0.0	0.0	0,0,0
1304	0.08	0.22	0.09	301,315,333	0.0	0.0	0.0	0,0,0
1305	0.08	0.22	0.09	301,315,333	0.0	0.0	0.0	0,0,0
1306	0.07	0.21	0.09	315,315,333	0.0	0.0	0.0	0,0,0
1307	0.20	0.35	0.18	321,321,334	0.14	0.0	0.0	321,0,0
1308	0.08	0.24	0.10	301,301,333	0.0	0.0	0.0	0,0,0
1309	0.08	0.24	0.10	301,301,333	0.0	0.0	0.0	0,0,0
1310	0.08	0.22	0.10	315,315,333	0.0	0.0	0.0	0,0,0
1311	0.06	0.19	0.08	316,313,333	0.0	0.0	0.0	0,0,0
1312	0.09	0.26	0.11	301,301,333	0.0	0.0	0.0	0,0,0
1313	0.09	0.26	0.11	301,301,333	0.0	0.0	0.0	0,0,0
1314	0.09	0.26	0.11	301,315,333	0.0	0.0	0.0	0,0,0
1315	0.08	0.23	0.10	315,315,333	0.0	0.0	0.0	0,0,0
1316	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1317	0.10	0.29	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1318	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1319	0.10	0.29	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1320	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1321	0.10	0.29	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1322	0.11	0.32	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1323	0.09	0.28	0.12	315,315,333	0.0	0.0	0.0	0,0,0
1324	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1325	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1326	0.13	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1327	0.12	0.36	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1328	0.13	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1329	0.12	0.36	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1330	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1331	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1332	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1333	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1334	0.14	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1335	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1336	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1337	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1338	0.14	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1339	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1340	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1341	0.14	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1342	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1343	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1344	0.13	0.38	0.16	301,305,333	0.0	0.0	0.0	0,0,0
1345	0.14	0.39	0.17	301,305,333	0.0	0.0	0.0	0,0,0
1346	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1347	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1348	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1349	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1350	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1351	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1352	0.13	0.37	0.16	301,305,333	0.0	0.0	0.0	0,0,0
1353	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1354	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1355	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1356	0.13	0.37	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1357	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1358	0.14	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1359	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1360	0.12	0.35	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1361	0.13	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1362	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1363	0.14	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1364	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1365	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1366	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1367	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1368	0.11	0.33	0.13	305,305,333	0.0	0.0	0.0	0,0,0
1369	0.11	0.33	0.13	305,305,333	0.0	0.0	0.0	0,0,0
1370	0.11	0.33	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1371	0.12	0.34	0.14	301,305,333	0.0	0.0	0.0	0,0,0
1372	0.12	0.35	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1373	0.12	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1374	0.13	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1375	0.13	0.37	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1376	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1377	0.13	0.37	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1378	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1379	0.14	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1380	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1381	0.13	0.37	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1382	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1383	0.14	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1384	0.12	0.33	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1385	0.12	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1386	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1387	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1388	0.12	0.34	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1389	0.12	0.34	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1390	0.12	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1391	0.12	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1392	0.12	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1393	0.13	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1394	0.12	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1395	0.13	0.36	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1396	0.12	0.34	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1397	0.12	0.35	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1398	0.12	0.35	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1399	0.12	0.35	0.14	301,305,333	0.0	0.0	0.0	0,0,0
1400	0.12	0.33	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1401	0.12	0.34	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1402	0.12	0.34	0.14	305,305,333	0.0	0.0	0.0	0,0,0
1403	0.11	0.33	0.13	305,305,333	0.0	0.0	0.0	0,0,0
1404	0.10	0.30	0.11	305,305,333	0.0	0.0	0.0	0,0,0
1405	0.11	0.31	0.12	305,305,333	0.0	0.0	0.0	0,0,0
1406	0.10	0.29	0.11	305,305,333	0.0	0.0	0.0	0,0,0
1407	0.11	0.31	0.12	305,305,333	0.0	0.0	0.0	0,0,0
1408	0.09	0.28	0.10	305,305,333	0.0	0.0	0.0	0,0,0
1409	0.11	0.31	0.12	305,305,333	0.0	0.0	0.0	0,0,0
1410	0.09	0.26	0.10	305,305,333	0.0	0.0	0.0	0,0,0
1411	0.10	0.30	0.12	305,305,333	0.0	0.0	0.0	0,0,0
1412	0.08	0.23	0.08	305,305,333	0.0	0.0	0.0	0,0,0
1413	0.09	0.27	0.10	305,305,333	0.0	0.0	0.0	0,0,0
1414	0.07	0.22	0.07	305,305,333	0.0	0.0	0.0	0,0,0
1415	0.09	0.25	0.09	305,305,333	0.0	0.0	0.0	0,0,0
1416	0.07	0.20	0.06	305,305,333	0.0	0.0	0.0	0,0,0
1417	0.08	0.24	0.08	305,305,333	0.0	0.0	0.0	0,0,0
1418	0.06	0.18	0.06	322,305,333	0.0	0.0	0.0	0,0,0
1419	0.07	0.22	0.08	305,305,333	0.0	0.0	0.0	0,0,0
1420	0.09	0.25	0.09	322,322,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1421	0.10	0.27	0.09	322,322,333	0.0	0.0	0.0	0,0,0
1422	0.10	0.27	0.09	322,322,333	0.0	0.0	0.0	0,0,0
1423	0.10	0.27	0.09	322,322,333	0.0	0.0	0.0	0,0,0
1424	0.15	0.42	0.15	322,322,333	0.0	0.0	0.0	0,0,0
1425	0.16	0.44	0.16	322,322,333	0.0	0.0	0.0	0,0,0
1426	0.16	0.44	0.16	322,322,333	0.0	0.0	0.0	0,0,0
1427	0.15	0.43	0.15	322,322,333	0.0	0.0	0.0	0,0,0
1428	0.20	0.54	0.19	322,322,333	0.0	0.0	0.0	0,0,0
1429	0.20	0.54	0.20	322,322,333	0.0	0.0	0.0	0,0,0
1430	0.19	0.55	0.20	322,322,333	0.0	0.0	0.0	0,0,0
1431	0.20	0.54	0.19	322,322,333	0.0	0.0	0.0	0,0,0
1432	0.43	0.72	0.28	322,322,333	0.36	0.32	0.15	321,325,333
1433	0.24	0.60	0.26	322,322,333	0.31	0.0	0.0	322,0,0
1434	0.25	0.65	0.29	322,322,333	0.37	0.0	0.0	322,0,0
1435	0.41	0.77	0.35	322,321,333	0.46	0.42	0.27	321,325,333
1436	0.43	0.69	0.36	321,321,333	0.33	0.27	0.20	322,325,333
1437	0.21	0.52	0.26	322,322,333	0.0	0.0	0.0	0,0,0
1438	0.22	0.57	0.28	315,315,333	0.0	0.0	0.0	0,0,0
1439	0.48	0.73	0.35	321,321,333	0.35	0.28	0.16	322,326,333
1440	0.15	0.38	0.16	321,321,333	0.0	0.0	0.0	0,0,0
1441	0.12	0.32	0.15	316,316,333	0.0	0.0	0.0	0,0,0
1442	0.14	0.41	0.17	315,315,333	0.0	0.0	0.0	0,0,0
1443	0.18	0.49	0.19	321,321,333	0.0	0.0	0.0	0,0,0
1444	0.07	0.23	0.09	315,305,333	0.0	0.0	0.0	0,0,0
1445	0.08	0.23	0.10	315,315,333	0.0	0.0	0.0	0,0,0
1446	0.08	0.23	0.10	321,321,333	0.0	0.0	0.0	0,0,0
1447	0.10	0.28	0.12	321,321,334	0.0	0.0	0.0	0,0,0
1448	0.09	0.26	0.11	316,316,334	0.0	0.0	0.0	0,0,0
1449	0.09	0.26	0.10	316,316,334	0.0	0.0	0.0	0,0,0
1450	0.08	0.26	0.10	316,321,333	0.0	0.0	0.0	0,0,0
1451	0.13	0.39	0.15	316,316,334	0.0	0.0	0.0	0,0,0
1452	0.13	0.38	0.15	316,316,334	0.0	0.0	0.0	0,0,0
1453	0.11	0.31	0.13	316,315,334	0.0	0.0	0.0	0,0,0
1454	0.07	0.24	0.09	316,321,333	0.0	0.0	0.0	0,0,0
1455	0.08	0.26	0.10	316,321,333	0.0	0.0	0.0	0,0,0
1456	0.09	0.27	0.11	316,321,333	0.0	0.0	0.0	0,0,0
1457	0.07	0.24	0.09	316,321,333	0.0	0.0	0.0	0,0,0
1458	0.08	0.27	0.10	316,321,333	0.0	0.0	0.0	0,0,0
1459	0.09	0.28	0.11	316,321,333	0.0	0.0	0.0	0,0,0
1460	0.07	0.24	0.09	316,321,333	0.0	0.0	0.0	0,0,0
1461	0.08	0.27	0.10	316,321,333	0.0	0.0	0.0	0,0,0
1462	0.09	0.28	0.11	316,321,333	0.0	0.0	0.0	0,0,0
1463	0.07	0.23	0.08	316,321,333	0.0	0.0	0.0	0,0,0
1464	0.08	0.26	0.10	316,321,333	0.0	0.0	0.0	0,0,0
1465	0.09	0.28	0.11	316,321,333	0.0	0.0	0.0	0,0,0
1466	0.13	0.38	0.13	321,321,334	0.0	0.0	0.0	0,0,0
1467	0.07	0.22	0.08	315,321,333	0.0	0.0	0.0	0,0,0
1468	0.07	0.23	0.09	315,321,333	0.0	0.0	0.0	0,0,0
1469	0.07	0.22	0.08	315,321,333	0.0	0.0	0.0	0,0,0
1470	0.07	0.23	0.09	315,321,333	0.0	0.0	0.0	0,0,0
1471	0.08	0.25	0.10	315,321,333	0.0	0.0	0.0	0,0,0
1472	0.17	0.32	0.18	322,315,333	0.0	0.0	0.0	0,0,0
1473	0.07	0.23	0.09	315,321,333	0.0	0.0	0.0	0,0,0
1474	0.07	0.23	0.09	307,313,334	0.0	0.0	0.0	0,0,0
1475	0.06	0.20	0.07	315,321,333	0.0	0.0	0.0	0,0,0
1476	0.07	0.22	0.09	315,321,333	0.0	0.0	0.0	0,0,0
1477	0.08	0.26	0.10	307,313,334	0.0	0.0	0.0	0,0,0
1478	0.08	0.26	0.10	307,313,334	0.0	0.0	0.0	0,0,0
1479	0.07	0.21	0.09	315,315,333	0.0	0.0	0.0	0,0,0
1480	0.07	0.21	0.09	315,315,333	0.0	0.0	0.0	0,0,0
1481	0.08	0.23	0.10	302,301,333	0.0	0.0	0.0	0,0,0
1482	0.09	0.27	0.12	301,315,333	0.0	0.0	0.0	0,0,0
1483	0.10	0.30	0.13	301,315,333	0.0	0.0	0.0	0,0,0
1484	0.08	0.26	0.10	307,313,334	0.0	0.0	0.0	0,0,0
1485	0.08	0.24	0.10	315,315,333	0.0	0.0	0.0	0,0,0
1486	0.09	0.26	0.11	315,315,333	0.0	0.0	0.0	0,0,0
1487	0.13	0.36	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1488	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1489	0.10	0.29	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1490	0.12	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1491	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1492	0.09	0.26	0.11	302,301,333	0.0	0.0	0.0	0,0,0
1493	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1494	0.13	0.38	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1495	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1496	0.14	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1497	0.13	0.37	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1498	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1499	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1500	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1501	0.11	0.31	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1502	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1503	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1504	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1505	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1506	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1507	0.13	0.37	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1508	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1509	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1510	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1511	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1512	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1513	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1514	0.13	0.37	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1515	0.14	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1516	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1517	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1518	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1519	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1520	0.11	0.31	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1521	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1522	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1523	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1524	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1525	0.13	0.37	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1526	0.12	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1527	0.13	0.37	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1528	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1529	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1530	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1531	0.14	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1532	0.11	0.31	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1533	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1534	0.13	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1535	0.10	0.29	0.12	301,305,333	0.0	0.0	0.0	0,0,0
1536	0.11	0.33	0.14	301,305,333	0.0	0.0	0.0	0,0,0
1537	0.12	0.35	0.15	301,305,333	0.0	0.0	0.0	0,0,0
1538	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1539	0.12	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1540	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1541	0.10	0.28	0.12	301,305,333	0.0	0.0	0.0	0,0,0
1542	0.11	0.32	0.13	301,305,333	0.0	0.0	0.0	0,0,0
1543	0.12	0.34	0.14	301,305,333	0.0	0.0	0.0	0,0,0
1544	0.09	0.27	0.11	305,305,333	0.0	0.0	0.0	0,0,0
1545	0.10	0.30	0.12	305,305,333	0.0	0.0	0.0	0,0,0
1546	0.11	0.32	0.13	305,305,333	0.0	0.0	0.0	0,0,0
1547	0.07	0.22	0.08	305,305,333	0.0	0.0	0.0	0,0,0
1548	0.08	0.24	0.09	305,305,333	0.0	0.0	0.0	0,0,0
1549	0.08	0.25	0.09	305,305,333	0.0	0.0	0.0	0,0,0
1550	0.08	0.24	0.09	305,305,333	0.0	0.0	0.0	0,0,0
1551	0.09	0.27	0.10	305,305,333	0.0	0.0	0.0	0,0,0
1552	0.10	0.28	0.11	305,305,333	0.0	0.0	0.0	0,0,0
1553	0.09	0.24	0.09	322,322,334	0.0	0.0	0.0	0,0,0
1554	0.08	0.21	0.08	322,322,334	0.0	0.0	0.0	0,0,0
1555	0.07	0.18	0.06	322,305,333	0.0	0.0	0.0	0,0,0
1556	0.08	0.20	0.08	322,305,334	0.0	0.0	0.0	0,0,0
1557	0.07	0.21	0.07	305,305,333	0.0	0.0	0.0	0,0,0
1558	0.07	0.21	0.07	305,305,333	0.0	0.0	0.0	0,0,0
1559	0.11	0.31	0.12	322,322,333	0.0	0.0	0.0	0,0,0
1560	0.11	0.30	0.11	322,322,333	0.0	0.0	0.0	0,0,0
1561	0.10	0.28	0.10	322,322,333	0.0	0.0	0.0	0,0,0
1562	0.15	0.40	0.15	322,322,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1563	0.15	0.41	0.15	322,322,333	0.0	0.0	0.0	0,0,0
1564	0.15	0.40	0.15	322,322,333	0.0	0.0	0.0	0,0,0
1565	0.16	0.45	0.17	322,322,333	0.0	0.0	0.0	0,0,0
1566	0.18	0.49	0.18	322,322,333	0.0	0.0	0.0	0,0,0
1567	0.20	0.54	0.19	322,322,333	0.0	0.0	0.0	0,0,0
1568	0.17	0.48	0.19	322,322,333	0.0	0.0	0.0	0,0,0
1569	0.25	0.70	0.27	322,322,333	0.0	0.0	0.0	0,0,0
1570	0.44	0.74	0.29	322,321,333	0.47	0.23	0.14	321,326,333
1571	0.16	0.45	0.18	322,322,333	0.0	0.0	0.0	0,0,0
1572	0.22	0.64	0.28	316,316,333	0.0	0.0	0.0	0,0,0
1573	0.45	0.74	0.37	321,322,333	0.44	0.26	0.19	322,325,333
1574	0.11	0.30	0.12	322,322,334	0.0	0.0	0.0	0,0,0
1575	0.15	0.42	0.19	322,316,334	0.0	0.0	0.0	0,0,0
1576	0.17	0.49	0.19	321,321,333	0.0	0.0	0.0	0,0,0
1577	0.12	0.30	0.14	322,321,334	0.0	0.0	0.0	0,0,0
1578	0.12	0.33	0.15	322,316,334	0.0	0.0	0.0	0,0,0
1579	0.09	0.26	0.10	322,322,334	0.0	0.0	0.0	0,0,0
1580	0.20	0.46	0.21	314,316,334	0.0	0.0	0.0	0,0,0
1581	0.27	0.54	0.33	314,308,334	0.24	0.23	0.22	308,331,334
1582	0.07	0.22	0.08	302,313,334	0.0	0.0	0.0	0,0,0
1583	0.08	0.24	0.09	302,301,333	0.0	0.0	0.0	0,0,0
1584	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
1585	0.09	0.29	0.11	301,301,333	0.0	0.0	0.0	0,0,0
1586	0.11	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1587	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1588	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
1589	0.10	0.31	0.12	301,301,333	0.0	0.0	0.0	0,0,0
1590	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1591	0.11	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1592	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1593	0.10	0.34	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1594	0.12	0.39	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1595	0.10	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1596	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1597	0.10	0.31	0.12	301,301,333	0.0	0.0	0.0	0,0,0
1598	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1599	0.13	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1600	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1601	0.09	0.29	0.11	316,315,334	0.0	0.0	0.0	0,0,0
1602	0.09	0.28	0.11	316,315,333	0.0	0.0	0.0	0,0,0
1603	0.08	0.25	0.10	316,315,334	0.0	0.0	0.0	0,0,0
1604	0.09	0.28	0.11	316,321,333	0.0	0.0	0.0	0,0,0
1605	0.09	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1606	0.09	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1607	0.09	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1608	0.07	0.23	0.09	315,321,333	0.0	0.0	0.0	0,0,0
1609	0.08	0.25	0.10	316,321,333	0.0	0.0	0.0	0,0,0
1610	0.09	0.27	0.11	308,313,334	0.0	0.0	0.0	0,0,0
1611	0.11	0.34	0.14	307,313,334	0.0	0.0	0.0	0,0,0
1612	0.12	0.37	0.15	307,313,334	0.0	0.0	0.0	0,0,0
1613	0.08	0.26	0.09	313,313,334	0.0	0.0	0.0	0,0,0
1614	0.12	0.37	0.14	307,313,334	0.0	0.0	0.0	0,0,0
1615	0.08	0.24	0.10	302,301,333	0.0	0.0	0.0	0,0,0
1616	0.07	0.20	0.09	302,301,333	0.0	0.0	0.0	0,0,0
1617	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1618	0.10	0.29	0.12	302,301,333	0.0	0.0	0.0	0,0,0
1619	0.09	0.26	0.12	302,301,333	0.0	0.0	0.0	0,0,0
1620	0.12	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1621	0.11	0.32	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1622	0.12	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1623	0.12	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1624	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1625	0.12	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1626	0.09	0.27	0.11	301,321,333	0.0	0.0	0.0	0,0,0
1627	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
1628	0.11	0.31	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1629	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1630	0.09	0.26	0.11	301,301,333	0.0	0.0	0.0	0,0,0
1631	0.09	0.25	0.10	301,305,333	0.0	0.0	0.0	0,0,0
1632	0.09	0.26	0.11	301,305,333	0.0	0.0	0.0	0,0,0
1633	0.08	0.24	0.10	301,305,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1634	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1635	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1636	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1637	0.15	0.46	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1638	0.14	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1639	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1640	0.14	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1641	0.15	0.46	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1642	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1643	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1644	0.11	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1645	0.11	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1646	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1647	0.12	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1648	0.13	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1649	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1650	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1651	0.12	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1652	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1653	0.13	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1654	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1655	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1656	0.13	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1657	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1658	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1659	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1660	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1661	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1662	0.15	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1663	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1664	0.16	0.48	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1665	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1666	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1667	0.16	0.48	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1668	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1669	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1670	0.16	0.48	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1671	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1672	0.15	0.45	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1673	0.15	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1674	0.16	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1675	0.15	0.44	0.18	315,315,333	0.0	0.0	0.0	0,0,0
1676	0.15	0.45	0.19	315,315,333	0.0	0.0	0.0	0,0,0
1677	0.15	0.45	0.19	315,315,333	0.0	0.0	0.0	0,0,0
1678	0.14	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
1679	0.14	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
1680	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
1681	0.15	0.45	0.18	315,315,334	0.0	0.0	0.0	0,0,0
1682	0.14	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
1683	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
1684	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
1685	0.14	0.44	0.18	307,307,334	0.0	0.0	0.0	0,0,0
1686	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
1687	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1688	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1689	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1690	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1691	0.16	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1692	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1693	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1694	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1695	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1696	0.16	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1697	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1698	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1699	0.16	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
1700	0.16	0.48	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1701	0.15	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1702	0.16	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1703	0.15	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1704	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1705	0.15	0.45	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1706	0.14	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1707	0.15	0.45	0.18	301,315,333	0.0	0.0	0.0	0,0,0
1708	0.14	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1709	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1710	0.13	0.41	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1711	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1712	0.14	0.42	0.17	315,315,333	0.0	0.0	0.0	0,0,0
1713	0.13	0.40	0.16	301,315,333	0.0	0.0	0.0	0,0,0
1714	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1715	0.11	0.33	0.13	301,301,334	0.0	0.0	0.0	0,0,0
1716	0.13	0.40	0.16	307,313,334	0.0	0.0	0.0	0,0,0
1717	0.13	0.39	0.16	315,315,334	0.0	0.0	0.0	0,0,0
1718	0.11	0.35	0.14	315,315,333	0.0	0.0	0.0	0,0,0
1719	0.09	0.30	0.11	301,301,333	0.0	0.0	0.0	0,0,0
1720	0.15	0.45	0.20	308,307,334	0.0	0.0	0.0	0,0,0
1721	0.22	0.67	0.28	307,307,334	0.0	0.0	0.0	0,0,0
1722	0.12	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
1723	0.10	0.31	0.12	315,321,334	0.0	0.0	0.0	0,0,0
1724	0.08	0.24	0.10	310,313,334	0.0	0.0	0.0	0,0,0
1725	0.16	0.47	0.21	308,307,334	0.0	0.0	0.0	0,0,0
1726	0.30	0.76	0.37	308,307,334	0.43	0.41	0.40	307,330,334
1727	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1728	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1729	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1730	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1731	0.12	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1732	0.13	0.39	0.16	307,313,334	0.0	0.0	0.0	0,0,0
1733	0.22	0.65	0.28	307,307,334	0.0	0.0	0.0	0,0,0
1734	0.27	0.69	0.31	314,314,334	0.40	0.37	0.0	314,331,0
1735	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1736	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1737	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1738	0.15	0.45	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1739	0.14	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1740	0.14	0.43	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1741	0.15	0.45	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1742	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1743	0.14	0.43	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1744	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1745	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1746	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1747	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1748	0.13	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1749	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1750	0.10	0.32	0.13	307,313,334	0.0	0.0	0.0	0,0,0
1751	0.10	0.31	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1752	0.11	0.33	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1753	0.14	0.42	0.17	307,313,334	0.0	0.0	0.0	0,0,0
1754	0.07	0.24	0.09	302,313,333	0.0	0.0	0.0	0,0,0
1755	0.09	0.26	0.11	302,301,333	0.0	0.0	0.0	0,0,0
1756	0.14	0.43	0.17	307,313,334	0.0	0.0	0.0	0,0,0
1757	0.07	0.24	0.09	313,313,334	0.0	0.0	0.0	0,0,0
1758	0.06	0.18	0.07	302,301,333	0.0	0.0	0.0	0,0,0
1759	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1760	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1761	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1762	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1763	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1764	0.11	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
1765	0.10	0.29	0.12	301,301,333	0.0	0.0	0.0	0,0,0
1766	0.08	0.23	0.09	302,301,333	0.0	0.0	0.0	0,0,0
1767	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1768	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1769	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
1770	0.13	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
1771	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
1772	0.16	0.48	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1773	0.16	0.48	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1774	0.16	0.48	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1775	0.15	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1776	0.15	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
1777	0.09	0.29	0.11	316,315,333	0.0	0.0	0.0	0,0,0
1778	0.08	0.26	0.10	316,315,333	0.0	0.0	0.0	0,0,0
1779	0.10	0.31	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1780	0.09	0.29	0.11	316,315,333	0.0	0.0	0.0	0,0,0
1781	0.07	0.24	0.09	316,321,334	0.0	0.0	0.0	0,0,0
1782	0.07	0.24	0.09	316,321,333	0.0	0.0	0.0	0,0,0
1783	0.07	0.22	0.09	308,321,334	0.0	0.0	0.0	0,0,0
1784	0.08	0.25	0.10	316,321,333	0.0	0.0	0.0	0,0,0
1785	0.07	0.22	0.09	308,307,334	0.0	0.0	0.0	0,0,0
1786	0.07	0.24	0.09	316,321,333	0.0	0.0	0.0	0,0,0
1787	0.10	0.30	0.13	308,307,334	0.0	0.0	0.0	0,0,0
1788	0.10	0.30	0.13	308,307,334	0.0	0.0	0.0	0,0,0
1789	0.14	0.42	0.18	308,307,334	0.0	0.0	0.0	0,0,0
1790	0.14	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
1791	0.19	0.57	0.24	307,313,334	0.0	0.0	0.0	0,0,0
1792	0.24	0.66	0.29	308,307,334	0.0	0.0	0.0	0,0,0
1793	0.10	0.32	0.11	321,313,334	0.0	0.0	0.0	0,0,0
1794	0.19	0.57	0.23	315,321,334	0.0	0.0	0.0	0,0,0
1795	0.12	0.36	0.13	313,313,334	0.0	0.0	0.0	0,0,0
1796	0.26	0.71	0.31	321,321,334	0.44	0.0	0.0	321,0,0
1797	0.07	0.19	0.08	302,301,333	0.0	0.0	0.0	0,0,0
1798	0.05	0.14	0.06	302,301,333	0.0	0.0	0.0	0,0,0
1799	0.05	0.14	0.06	302,301,333	0.0	0.0	0.0	0,0,0
1800	0.05	0.15	0.05	313,313,334	0.0	0.0	0.0	0,0,0
1801	0.09	0.26	0.11	302,301,333	0.0	0.0	0.0	0,0,0
1802	0.08	0.24	0.11	302,301,333	0.0	0.0	0.0	0,0,0
1803	0.08	0.22	0.10	302,301,333	0.0	0.0	0.0	0,0,0
1804	0.07	0.22	0.09	302,301,333	0.0	0.0	0.0	0,0,0
1805	0.07	0.20	0.09	302,301,333	0.0	0.0	0.0	0,0,0
1806	0.06	0.18	0.08	302,301,333	0.0	0.0	0.0	0,0,0
1807	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1808	0.10	0.28	0.12	301,301,333	0.0	0.0	0.0	0,0,0
1809	0.08	0.24	0.10	301,301,333	0.0	0.0	0.0	0,0,0
1810	0.08	0.23	0.10	301,301,333	0.0	0.0	0.0	0,0,0
1811	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1812	0.08	0.24	0.11	302,301,333	0.0	0.0	0.0	0,0,0
1813	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1814	0.09	0.24	0.11	302,301,333	0.0	0.0	0.0	0,0,0
1815	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1816	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1817	0.09	0.27	0.12	302,301,333	0.0	0.0	0.0	0,0,0
1818	0.09	0.25	0.11	302,301,333	0.0	0.0	0.0	0,0,0
1819	0.09	0.28	0.11	315,321,333	0.0	0.0	0.0	0,0,0
1820	0.09	0.29	0.12	315,315,333	0.0	0.0	0.0	0,0,0
1821	0.10	0.29	0.12	301,301,333	0.0	0.0	0.0	0,0,0
1822	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
1823	0.10	0.30	0.12	315,321,334	0.0	0.0	0.0	0,0,0
1824	0.10	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1825	0.10	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1826	0.10	0.28	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1827	0.08	0.27	0.10	315,321,334	0.0	0.0	0.0	0,0,0
1828	0.09	0.28	0.11	315,321,334	0.0	0.0	0.0	0,0,0
1829	0.07	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
1830	0.07	0.23	0.09	301,305,333	0.0	0.0	0.0	0,0,0
1831	0.06	0.18	0.06	305,305,333	0.0	0.0	0.0	0,0,0
1832	0.07	0.22	0.08	301,313,333	0.0	0.0	0.0	0,0,0
1833	0.06	0.19	0.08	301,305,333	0.0	0.0	0.0	0,0,0
1834	0.07	0.18	0.07	322,320,334	0.0	0.0	0.0	0,0,0
1835	0.07	0.19	0.08	322,316,334	0.0	0.0	0.0	0,0,0
1836	0.10	0.27	0.12	322,316,334	0.0	0.0	0.0	0,0,0
1837	0.09	0.24	0.10	322,316,334	0.0	0.0	0.0	0,0,0
1838	0.08	0.23	0.10	322,316,334	0.0	0.0	0.0	0,0,0
1839	0.11	0.29	0.13	322,316,334	0.0	0.0	0.0	0,0,0
1840	0.11	0.30	0.13	322,316,334	0.0	0.0	0.0	0,0,0
1841	0.10	0.26	0.11	322,322,334	0.0	0.0	0.0	0,0,0
1842	0.09	0.25	0.11	322,316,334	0.0	0.0	0.0	0,0,0
1843	0.10	0.28	0.12	322,316,334	0.0	0.0	0.0	0,0,0
1844	0.11	0.29	0.13	316,316,334	0.0	0.0	0.0	0,0,0
1845	0.11	0.31	0.12	322,322,333	0.0	0.0	0.0	0,0,0
1846	0.11	0.31	0.12	322,322,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1847	0.14	0.38	0.15	322,322,333	0.0	0.0	0.0	0,0,0
1848	0.13	0.37	0.15	322,322,333	0.0	0.0	0.0	0,0,0
1849	0.14	0.40	0.16	322,322,333	0.0	0.0	0.0	0,0,0
1850	0.15	0.41	0.16	322,322,333	0.0	0.0	0.0	0,0,0
1851	0.15	0.41	0.16	322,322,333	0.0	0.0	0.0	0,0,0
1852	0.16	0.47	0.19	322,316,334	0.0	0.0	0.0	0,0,0
1853	0.13	0.38	0.16	316,316,333	0.0	0.0	0.0	0,0,0
1854	0.16	0.45	0.19	316,316,334	0.0	0.0	0.0	0,0,0
1855	0.10	0.29	0.12	316,316,334	0.0	0.0	0.0	0,0,0
1856	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
1857	0.09	0.26	0.11	316,315,334	0.0	0.0	0.0	0,0,0
1858	0.11	0.35	0.14	315,315,334	0.0	0.0	0.0	0,0,0
1859	0.10	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1860	0.12	0.36	0.15	315,315,333	0.0	0.0	0.0	0,0,0
1861	0.11	0.34	0.14	316,315,333	0.0	0.0	0.0	0,0,0
1862	0.11	0.33	0.13	316,315,333	0.0	0.0	0.0	0,0,0
1863	0.12	0.38	0.15	315,315,333	0.0	0.0	0.0	0,0,0
1864	0.12	0.38	0.15	315,315,333	0.0	0.0	0.0	0,0,0
1865	0.09	0.27	0.11	316,315,333	0.0	0.0	0.0	0,0,0
1866	0.10	0.31	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1867	0.11	0.34	0.13	316,315,333	0.0	0.0	0.0	0,0,0
1868	0.11	0.34	0.14	316,315,333	0.0	0.0	0.0	0,0,0
1869	0.09	0.28	0.11	316,315,333	0.0	0.0	0.0	0,0,0
1870	0.10	0.32	0.13	316,315,333	0.0	0.0	0.0	0,0,0
1871	0.11	0.35	0.14	316,315,333	0.0	0.0	0.0	0,0,0
1872	0.12	0.37	0.15	315,315,333	0.0	0.0	0.0	0,0,0
1873	0.06	0.18	0.08	308,307,334	0.0	0.0	0.0	0,0,0
1874	0.07	0.22	0.08	316,321,333	0.0	0.0	0.0	0,0,0
1875	0.06	0.19	0.07	301,301,333	0.0	0.0	0.0	0,0,0
1876	0.07	0.23	0.09	315,315,333	0.0	0.0	0.0	0,0,0
1877	0.09	0.25	0.11	308,307,334	0.0	0.0	0.0	0,0,0
1878	0.07	0.23	0.09	316,321,334	0.0	0.0	0.0	0,0,0
1879	0.13	0.37	0.16	314,308,334	0.0	0.0	0.0	0,0,0
1880	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
1881	0.21	0.56	0.23	314,314,334	0.0	0.0	0.0	0,0,0
1882	0.17	0.51	0.21	316,315,334	0.0	0.0	0.0	0,0,0
1883	0.13	0.41	0.17	307,313,334	0.0	0.0	0.0	0,0,0
1884	0.30	0.68	0.28	321,321,334	0.19	0.12	0.09	314,325,333
1885	0.13	0.39	0.16	307,313,334	0.0	0.0	0.0	0,0,0
1886	0.17	0.52	0.22	315,315,334	0.0	0.0	0.0	0,0,0
1887	0.04	0.15	0.05	302,305,333	0.0	0.0	0.0	0,0,0
1888	0.07	0.22	0.08	313,313,334	0.0	0.0	0.0	0,0,0
1889	0.05	0.15	0.06	301,301,333	0.0	0.0	0.0	0,0,0
1890	0.07	0.22	0.08	307,313,334	0.0	0.0	0.0	0,0,0
1891	0.06	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
1892	0.06	0.20	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1893	0.05	0.17	0.07	302,305,333	0.0	0.0	0.0	0,0,0
1894	0.06	0.20	0.07	301,305,333	0.0	0.0	0.0	0,0,0
1895	0.05	0.18	0.07	302,305,333	0.0	0.0	0.0	0,0,0
1896	0.05	0.16	0.06	302,305,333	0.0	0.0	0.0	0,0,0
1897	0.06	0.20	0.08	301,305,333	0.0	0.0	0.0	0,0,0
1898	0.06	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
1899	0.05	0.19	0.06	315,321,333	0.0	0.0	0.0	0,0,0
1900	0.06	0.20	0.07	315,305,333	0.0	0.0	0.0	0,0,0
1901	0.06	0.18	0.07	302,305,333	0.0	0.0	0.0	0,0,0
1902	0.08	0.23	0.10	308,308,334	0.0	0.0	0.0	0,0,0
1903	0.07	0.22	0.08	307,313,334	0.0	0.0	0.0	0,0,0
1904	0.05	0.18	0.07	315,321,333	0.0	0.0	0.0	0,0,0
1905	0.05	0.16	0.06	316,305,333	0.0	0.0	0.0	0,0,0
1906	0.05	0.15	0.06	301,305,333	0.0	0.0	0.0	0,0,0
1907	0.07	0.20	0.09	314,308,334	0.0	0.0	0.0	0,0,0
1908	0.05	0.19	0.07	316,321,333	0.0	0.0	0.0	0,0,0
1909	0.10	0.32	0.13	315,321,334	0.0	0.0	0.0	0,0,0
1910	0.10	0.32	0.13	316,321,333	0.0	0.0	0.0	0,0,0
1911	0.10	0.31	0.13	316,315,333	0.0	0.0	0.0	0,0,0
1912	0.10	0.28	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1913	0.11	0.33	0.13	315,315,334	0.0	0.0	0.0	0,0,0
1914	0.11	0.33	0.13	315,315,334	0.0	0.0	0.0	0,0,0
1915	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
1916	0.10	0.29	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1917	0.10	0.30	0.12	315,321,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1918	0.10	0.32	0.13	315,321,334	0.0	0.0	0.0	0,0,0
1919	0.07	0.20	0.08	320,320,334	0.0	0.0	0.0	0,0,0
1920	0.07	0.24	0.08	313,313,334	0.0	0.0	0.0	0,0,0
1921	0.11	0.32	0.14	320,320,334	0.0	0.0	0.0	0,0,0
1922	0.08	0.25	0.09	320,313,334	0.0	0.0	0.0	0,0,0
1923	0.10	0.30	0.12	322,316,334	0.0	0.0	0.0	0,0,0
1924	0.16	0.48	0.20	316,316,334	0.0	0.0	0.0	0,0,0
1925	0.16	0.44	0.19	316,316,334	0.0	0.0	0.0	0,0,0
1926	0.28	0.78	0.33	316,316,334	0.51	0.48	0.0	316,331,0
1927	0.15	0.43	0.19	316,315,334	0.0	0.0	0.0	0,0,0
1928	0.16	0.44	0.19	316,315,334	0.0	0.0	0.0	0,0,0
1929	0.22	0.64	0.27	315,315,334	0.0	0.0	0.0	0,0,0
1930	0.26	0.76	0.33	316,315,334	0.48	0.0	0.0	315,0,0
1931	0.12	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
1932	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
1933	0.12	0.37	0.16	315,315,334	0.0	0.0	0.0	0,0,0
1934	0.16	0.47	0.20	315,315,334	0.0	0.0	0.0	0,0,0
1935	0.11	0.29	0.12	322,322,334	0.0	0.0	0.0	0,0,0
1936	0.10	0.30	0.13	316,315,334	0.0	0.0	0.0	0,0,0
1937	0.16	0.47	0.19	315,315,334	0.0	0.0	0.0	0,0,0
1938	0.31	0.67	0.34	322,322,333	0.33	0.30	0.27	322,326,333
1939	0.19	0.53	0.22	321,315,334	0.0	0.0	0.0	0,0,0
1940	0.18	0.52	0.22	315,315,334	0.0	0.0	0.0	0,0,0
1941	0.50	0.75	0.42	321,322,334	0.46	0.27	0.22	322,330,334
1942	0.24	0.68	0.29	315,315,334	0.0	0.0	0.0	0,0,0
1943	0.41	0.71	0.36	322,322,334	0.36	0.31	0.26	321,330,334
1944	0.24	0.68	0.28	322,322,334	0.0	0.0	0.0	0,0,0
1945	0.18	0.48	0.17	322,322,334	0.0	0.0	0.0	0,0,0
1946	0.16	0.44	0.17	322,322,334	0.0	0.0	0.0	0,0,0
1947	0.13	0.35	0.13	322,322,333	0.0	0.0	0.0	0,0,0
1948	0.13	0.37	0.14	322,322,333	0.0	0.0	0.0	0,0,0
1949	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1950	0.13	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1951	0.13	0.41	0.17	301,315,333	0.0	0.0	0.0	0,0,0
1952	0.13	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
1953	0.10	0.30	0.12	301,315,333	0.0	0.0	0.0	0,0,0
1954	0.11	0.34	0.14	315,315,333	0.0	0.0	0.0	0,0,0
1955	0.12	0.37	0.15	315,315,333	0.0	0.0	0.0	0,0,0
1956	0.13	0.39	0.16	315,315,333	0.0	0.0	0.0	0,0,0
1957	0.13	0.39	0.16	315,315,333	0.0	0.0	0.0	0,0,0
1958	0.13	0.39	0.16	301,315,333	0.0	0.0	0.0	0,0,0
1959	0.09	0.29	0.12	315,315,333	0.0	0.0	0.0	0,0,0
1960	0.11	0.33	0.13	316,315,333	0.0	0.0	0.0	0,0,0
1961	0.12	0.36	0.15	316,315,333	0.0	0.0	0.0	0,0,0
1962	0.12	0.38	0.15	315,315,333	0.0	0.0	0.0	0,0,0
1963	0.07	0.22	0.09	301,301,333	0.0	0.0	0.0	0,0,0
1964	0.08	0.25	0.10	301,315,333	0.0	0.0	0.0	0,0,0
1965	0.07	0.22	0.09	316,321,334	0.0	0.0	0.0	0,0,0
1966	0.10	0.30	0.12	316,321,334	0.0	0.0	0.0	0,0,0
1967	0.12	0.36	0.15	316,321,334	0.0	0.0	0.0	0,0,0
1968	0.10	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
1969	0.12	0.37	0.15	315,321,334	0.0	0.0	0.0	0,0,0
1970	0.05	0.17	0.07	301,301,333	0.0	0.0	0.0	0,0,0
1971	0.07	0.18	0.08	302,302,333	0.0	0.0	0.0	0,0,0
1972	0.12	0.34	0.15	314,307,334	0.0	0.0	0.0	0,0,0
1973	0.09	0.25	0.11	316,315,333	0.0	0.0	0.0	0,0,0
1974	0.08	0.21	0.09	302,302,333	0.0	0.0	0.0	0,0,0
1975	0.11	0.33	0.13	313,313,334	0.0	0.0	0.0	0,0,0
1976	0.14	0.41	0.17	307,313,334	0.0	0.0	0.0	0,0,0
1977	0.15	0.43	0.19	308,307,334	0.0	0.0	0.0	0,0,0
1978	0.34	0.64	0.23	306,313,334	0.35	0.14	0.08	313,326,334
1979	0.14	0.42	0.15	313,313,334	0.0	0.0	0.0	0,0,0
1980	0.42	0.64	0.23	313,313,334	0.27	0.19	0.09	313,330,334
1981	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
1982	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
1983	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
1984	0.10	0.28	0.12	316,315,333	0.0	0.0	0.0	0,0,0
1985	0.10	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
1986	0.13	0.36	0.15	316,316,334	0.0	0.0	0.0	0,0,0
1987	0.09	0.26	0.11	320,313,334	0.0	0.0	0.0	0,0,0
1988	0.21	0.59	0.25	322,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
1990	0.24	0.71	0.29	315,321,334	0.0	0.0	0.0	0,0,0
1992	0.28	0.47	0.32	322,322,333	0.18	0.18	0.16	322,326,333
1993	0.19	0.51	0.21	321,321,334	0.0	0.0	0.0	0,0,0
1994	0.55	0.73	0.43	321,321,334	0.37	0.32	0.23	322,331,334
1995	0.45	0.79	0.36	322,321,334	0.45	0.41	0.38	321,330,334
1996	0.18	0.50	0.18	322,322,334	0.0	0.0	0.0	0,0,0
1997	0.13	0.34	0.13	322,322,334	0.0	0.0	0.0	0,0,0
1998	0.12	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
1999	0.16	0.47	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2000	0.10	0.30	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2001	0.06	0.18	0.07	301,301,333	0.0	0.0	0.0	0,0,0
2002	0.07	0.22	0.08	301,321,333	0.0	0.0	0.0	0,0,0
2003	0.08	0.25	0.10	301,301,333	0.0	0.0	0.0	0,0,0
2004	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2005	0.08	0.24	0.10	301,301,333	0.0	0.0	0.0	0,0,0
2006	0.09	0.28	0.11	316,321,334	0.0	0.0	0.0	0,0,0
2007	0.10	0.32	0.13	316,321,334	0.0	0.0	0.0	0,0,0
2008	0.09	0.30	0.12	315,321,334	0.0	0.0	0.0	0,0,0
2009	0.10	0.32	0.13	316,321,334	0.0	0.0	0.0	0,0,0
2010	0.06	0.18	0.07	316,321,333	0.0	0.0	0.0	0,0,0
2011	0.05	0.15	0.06	316,321,333	0.0	0.0	0.0	0,0,0
2012	0.05	0.14	0.06	301,301,333	0.0	0.0	0.0	0,0,0
2013	0.08	0.23	0.10	308,307,334	0.0	0.0	0.0	0,0,0
2014	0.06	0.20	0.07	315,321,333	0.0	0.0	0.0	0,0,0
2015	0.15	0.44	0.19	308,307,334	0.0	0.0	0.0	0,0,0
2016	0.33	0.68	0.26	314,313,334	0.39	0.14	0.12	313,331,334
2017	0.14	0.41	0.15	313,313,334	0.0	0.0	0.0	0,0,0
2018	0.39	0.63	0.24	313,313,334	0.26	0.20	0.11	313,330,334
2019	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2020	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2021	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2022	0.10	0.28	0.12	316,315,333	0.0	0.0	0.0	0,0,0
2023	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2024	0.13	0.37	0.15	316,316,334	0.0	0.0	0.0	0,0,0
2025	0.09	0.26	0.11	320,313,334	0.0	0.0	0.0	0,0,0
2026	0.22	0.62	0.26	322,316,334	0.0	0.0	0.0	0,0,0
2028	0.24	0.72	0.30	315,315,334	0.0	0.0	0.0	0,0,0
2030	0.12	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
2031	0.16	0.48	0.20	315,315,334	0.0	0.0	0.0	0,0,0
2032	0.10	0.29	0.12	316,315,334	0.0	0.0	0.0	0,0,0
2033	0.12	0.34	0.13	322,322,334	0.0	0.0	0.0	0,0,0
2034	0.16	0.42	0.16	322,322,334	0.0	0.0	0.0	0,0,0
2035	0.28	0.74	0.33	322,322,334	0.44	0.41	0.39	322,331,334
2036	0.28	0.72	0.34	316,316,334	0.42	0.40	0.39	316,327,334
2037	0.18	0.52	0.22	315,315,334	0.0	0.0	0.0	0,0,0
2038	0.14	0.41	0.17	316,315,334	0.0	0.0	0.0	0,0,0
2039	0.14	0.43	0.18	301,301,333	0.0	0.0	0.0	0,0,0
2040	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2041	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2042	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2043	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2044	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
2045	0.14	0.43	0.18	301,301,333	0.0	0.0	0.0	0,0,0
2046	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2047	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2048	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2049	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2050	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
2051	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2052	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2053	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2054	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2055	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2056	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
2057	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
2058	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
2059	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
2060	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
2061	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2062	0.14	0.43	0.18	301,301,333	0.0	0.0	0.0	0,0,0
2063	0.12	0.37	0.15	302,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2064	0.12	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
2065	0.12	0.38	0.15	301,315,333	0.0	0.0	0.0	0,0,0
2066	0.12	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2067	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2068	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2069	0.10	0.33	0.13	316,315,333	0.0	0.0	0.0	0,0,0
2070	0.11	0.35	0.14	316,315,333	0.0	0.0	0.0	0,0,0
2071	0.12	0.37	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2072	0.13	0.40	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2073	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2074	0.14	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2075	0.09	0.29	0.11	316,321,334	0.0	0.0	0.0	0,0,0
2076	0.11	0.34	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2077	0.12	0.38	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2078	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2079	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2080	0.15	0.45	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2081	0.08	0.27	0.10	316,321,334	0.0	0.0	0.0	0,0,0
2082	0.11	0.33	0.13	316,321,334	0.0	0.0	0.0	0,0,0
2083	0.12	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2084	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2085	0.15	0.45	0.19	315,307,334	0.0	0.0	0.0	0,0,0
2086	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
2087	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2088	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2089	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2090	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
2091	0.11	0.35	0.14	302,301,333	0.0	0.0	0.0	0,0,0
2092	0.09	0.29	0.11	316,315,333	0.0	0.0	0.0	0,0,0
2093	0.07	0.23	0.09	316,321,333	0.0	0.0	0.0	0,0,0
2094	0.05	0.18	0.07	316,321,334	0.0	0.0	0.0	0,0,0
2095	0.13	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2096	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2097	0.13	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2098	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2099	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
2100	0.13	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2101	0.11	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
2102	0.12	0.38	0.15	301,301,333	0.0	0.0	0.0	0,0,0
2103	0.09	0.30	0.12	302,301,333	0.0	0.0	0.0	0,0,0
2104	0.10	0.33	0.13	302,301,333	0.0	0.0	0.0	0,0,0
2105	0.07	0.22	0.08	302,301,333	0.0	0.0	0.0	0,0,0
2106	0.08	0.26	0.10	302,315,333	0.0	0.0	0.0	0,0,0
2107	0.07	0.24	0.09	302,305,333	0.0	0.0	0.0	0,0,0
2108	0.05	0.18	0.07	316,321,334	0.0	0.0	0.0	0,0,0
2109	0.15	0.45	0.19	307,313,334	0.0	0.0	0.0	0,0,0
2110	0.11	0.34	0.14	307,313,334	0.0	0.0	0.0	0,0,0
2111	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2112	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2113	0.10	0.31	0.12	301,301,333	0.0	0.0	0.0	0,0,0
2114	0.11	0.34	0.14	301,315,333	0.0	0.0	0.0	0,0,0
2115	0.12	0.37	0.15	301,315,333	0.0	0.0	0.0	0,0,0
2116	0.13	0.40	0.16	301,315,333	0.0	0.0	0.0	0,0,0
2117	0.10	0.31	0.12	301,301,333	0.0	0.0	0.0	0,0,0
2118	0.11	0.34	0.14	301,315,333	0.0	0.0	0.0	0,0,0
2119	0.12	0.37	0.15	301,315,333	0.0	0.0	0.0	0,0,0
2120	0.13	0.40	0.16	301,315,333	0.0	0.0	0.0	0,0,0
2121	0.10	0.31	0.12	302,301,333	0.0	0.0	0.0	0,0,0
2122	0.11	0.33	0.13	302,301,333	0.0	0.0	0.0	0,0,0
2123	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
2124	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
2125	0.09	0.28	0.11	302,301,333	0.0	0.0	0.0	0,0,0
2126	0.10	0.30	0.12	302,301,333	0.0	0.0	0.0	0,0,0
2127	0.11	0.33	0.13	302,301,333	0.0	0.0	0.0	0,0,0
2128	0.12	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
2129	0.07	0.23	0.09	302,301,333	0.0	0.0	0.0	0,0,0
2130	0.08	0.25	0.10	302,301,333	0.0	0.0	0.0	0,0,0
2131	0.09	0.29	0.11	302,301,333	0.0	0.0	0.0	0,0,0
2132	0.10	0.32	0.13	302,301,333	0.0	0.0	0.0	0,0,0
2133	0.06	0.17	0.07	320,319,334	0.0	0.0	0.0	0,0,0
2134	0.05	0.18	0.06	302,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2135	0.07	0.21	0.08	302,301,333	0.0	0.0	0.0	0,0,0
2136	0.08	0.26	0.10	302,301,333	0.0	0.0	0.0	0,0,0
2137	0.07	0.21	0.09	320,319,334	0.0	0.0	0.0	0,0,0
2138	0.05	0.15	0.06	320,313,334	0.0	0.0	0.0	0,0,0
2139	0.03	0.11	0.04	302,301,334	0.0	0.0	0.0	0,0,0
2140	0.05	0.17	0.06	302,301,333	0.0	0.0	0.0	0,0,0
2141	0.09	0.29	0.12	319,319,334	0.0	0.0	0.0	0,0,0
2142	0.08	0.24	0.10	309,313,334	0.0	0.0	0.0	0,0,0
2143	0.07	0.23	0.09	309,313,334	0.0	0.0	0.0	0,0,0
2144	0.07	0.24	0.09	309,305,334	0.0	0.0	0.0	0,0,0
2145	0.11	0.34	0.14	307,313,334	0.0	0.0	0.0	0,0,0
2146	0.09	0.29	0.12	309,313,334	0.0	0.0	0.0	0,0,0
2147	0.11	0.34	0.14	313,313,334	0.0	0.0	0.0	0,0,0
2148	0.15	0.41	0.18	302,302,333	0.0	0.0	0.0	0,0,0
2149	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2150	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2151	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2152	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2153	0.08	0.25	0.10	320,321,334	0.0	0.0	0.0	0,0,0
2154	0.08	0.26	0.10	302,301,333	0.0	0.0	0.0	0,0,0
2155	0.10	0.29	0.12	320,319,334	0.0	0.0	0.0	0,0,0
2156	0.07	0.22	0.09	320,319,334	0.0	0.0	0.0	0,0,0
2157	0.11	0.33	0.14	320,319,334	0.0	0.0	0.0	0,0,0
2158	0.08	0.24	0.10	320,319,334	0.0	0.0	0.0	0,0,0
2159	0.13	0.38	0.16	320,319,334	0.0	0.0	0.0	0,0,0
2160	0.10	0.29	0.12	320,319,334	0.0	0.0	0.0	0,0,0
2161	0.15	0.45	0.19	320,319,334	0.0	0.0	0.0	0,0,0
2162	0.12	0.35	0.15	320,319,334	0.0	0.0	0.0	0,0,0
2163	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
2164	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
2165	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2166	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2167	0.10	0.30	0.12	320,319,334	0.0	0.0	0.0	0,0,0
2168	0.12	0.35	0.14	320,319,334	0.0	0.0	0.0	0,0,0
2169	0.14	0.41	0.17	320,319,334	0.0	0.0	0.0	0,0,0
2170	0.16	0.47	0.20	320,319,334	0.0	0.0	0.0	0,0,0
2171	0.19	0.55	0.24	320,319,334	0.0	0.0	0.0	0,0,0
2172	0.21	0.62	0.27	308,307,334	0.0	0.0	0.0	0,0,0
2173	0.09	0.26	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2174	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2175	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2176	0.09	0.27	0.11	316,321,334	0.0	0.0	0.0	0,0,0
2177	0.10	0.30	0.12	316,321,334	0.0	0.0	0.0	0,0,0
2178	0.11	0.35	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2179	0.14	0.41	0.17	316,315,334	0.0	0.0	0.0	0,0,0
2180	0.17	0.49	0.21	316,315,334	0.0	0.0	0.0	0,0,0
2181	0.20	0.59	0.25	316,315,334	0.0	0.0	0.0	0,0,0
2182	0.24	0.70	0.30	316,315,334	0.0	0.0	0.0	0,0,0
2183	0.27	0.79	0.34	316,315,334	0.52	0.49	0.48	315,327,334
2184	0.09	0.26	0.11	301,321,333	0.0	0.0	0.0	0,0,0
2185	0.09	0.30	0.12	316,321,334	0.0	0.0	0.0	0,0,0
2186	0.09	0.28	0.11	315,321,334	0.0	0.0	0.0	0,0,0
2187	0.09	0.30	0.12	316,321,334	0.0	0.0	0.0	0,0,0
2188	0.06	0.18	0.07	301,301,333	0.0	0.0	0.0	0,0,0
2189	0.07	0.22	0.09	301,321,333	0.0	0.0	0.0	0,0,0
2190	0.06	0.19	0.07	316,321,333	0.0	0.0	0.0	0,0,0
2191	0.05	0.16	0.06	316,321,333	0.0	0.0	0.0	0,0,0
2192	0.05	0.15	0.06	301,301,333	0.0	0.0	0.0	0,0,0
2193	0.08	0.22	0.10	308,308,334	0.0	0.0	0.0	0,0,0
2194	0.06	0.21	0.08	315,321,333	0.0	0.0	0.0	0,0,0
2195	0.13	0.37	0.16	308,307,334	0.0	0.0	0.0	0,0,0
2196	0.13	0.39	0.16	308,308,334	0.0	0.0	0.0	0,0,0
2197	0.09	0.28	0.10	313,313,334	0.0	0.0	0.0	0,0,0
2198	0.15	0.42	0.15	313,313,334	0.0	0.0	0.0	0,0,0
2199	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2200	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2201	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2202	0.10	0.27	0.11	316,315,333	0.0	0.0	0.0	0,0,0
2203	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2204	0.12	0.35	0.15	316,316,334	0.0	0.0	0.0	0,0,0
2205	0.09	0.27	0.11	320,313,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2206	0.18	0.52	0.22	316,316,334	0.0	0.0	0.0	0,0,0
2207	0.27	0.77	0.33	316,316,334	0.50	0.0	0.0	316,0,0
2208	0.20	0.59	0.24	315,315,334	0.0	0.0	0.0	0,0,0
2209	0.26	0.75	0.31	315,315,334	0.49	0.0	0.0	315,0,0
2210	0.11	0.34	0.14	319,319,334	0.0	0.0	0.0	0,0,0
2211	0.14	0.44	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2212	0.09	0.27	0.11	319,319,334	0.0	0.0	0.0	0,0,0
2213	0.12	0.32	0.12	322,322,334	0.0	0.0	0.0	0,0,0
2214	0.09	0.30	0.12	316,321,334	0.0	0.0	0.0	0,0,0
2215	0.11	0.33	0.13	316,321,334	0.0	0.0	0.0	0,0,0
2216	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2217	0.16	0.47	0.20	316,315,334	0.0	0.0	0.0	0,0,0
2218	0.20	0.59	0.25	316,315,334	0.0	0.0	0.0	0,0,0
2219	0.25	0.72	0.32	316,315,334	0.45	0.0	0.0	315,0,0
2220	0.31	0.79	0.38	316,315,334	0.45	0.43	0.43	315,327,334
2221	0.34	0.79	0.43	316,316,334	0.50	0.47	0.47	315,327,334
2222	0.09	0.29	0.11	315,321,334	0.0	0.0	0.0	0,0,0
2223	0.09	0.30	0.12	316,321,334	0.0	0.0	0.0	0,0,0
2224	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2225	0.11	0.33	0.13	316,321,334	0.0	0.0	0.0	0,0,0
2226	0.13	0.40	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2227	0.13	0.40	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2228	0.17	0.50	0.21	316,315,334	0.0	0.0	0.0	0,0,0
2229	0.17	0.50	0.21	316,315,334	0.0	0.0	0.0	0,0,0
2230	0.22	0.65	0.27	316,315,334	0.0	0.0	0.0	0,0,0
2231	0.22	0.65	0.27	316,315,334	0.0	0.0	0.0	0,0,0
2232	0.28	0.78	0.35	316,315,334	0.47	0.44	0.43	315,330,334
2233	0.28	0.80	0.35	316,315,334	0.49	0.46	0.45	315,330,334
2234	0.36	0.80	0.44	315,315,334	0.49	0.46	0.46	315,327,334
2235	0.36	0.79	0.45	316,315,334	0.49	0.46	0.45	315,330,334
2236	0.43	0.80	0.53	315,315,334	0.43	0.42	0.40	315,330,334
2238	0.06	0.19	0.07	301,321,333	0.0	0.0	0.0	0,0,0
2239	0.08	0.25	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2240	0.07	0.24	0.09	319,321,334	0.0	0.0	0.0	0,0,0
2241	0.09	0.30	0.12	315,321,334	0.0	0.0	0.0	0,0,0
2242	0.10	0.31	0.12	315,321,334	0.0	0.0	0.0	0,0,0
2243	0.12	0.37	0.15	315,321,334	0.0	0.0	0.0	0,0,0
2244	0.13	0.40	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2245	0.15	0.47	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2246	0.17	0.51	0.21	315,315,334	0.0	0.0	0.0	0,0,0
2247	0.20	0.61	0.25	315,315,334	0.0	0.0	0.0	0,0,0
2248	0.21	0.63	0.26	315,315,334	0.0	0.0	0.0	0,0,0
2249	0.26	0.72	0.32	315,315,334	0.45	0.0	0.0	315,0,0
2250	0.25	0.74	0.31	315,315,334	0.0	0.0	0.0	0,0,0
2251	0.31	0.80	0.39	315,315,334	0.44	0.42	0.41	315,330,334
2252	0.26	0.77	0.33	315,315,334	0.50	0.0	0.0	315,0,0
2253	0.34	0.80	0.42	315,315,334	0.49	0.42	0.41	315,330,334
2254	0.06	0.20	0.08	316,321,333	0.0	0.0	0.0	0,0,0
2255	0.06	0.17	0.07	316,315,333	0.0	0.0	0.0	0,0,0
2256	0.05	0.15	0.06	301,301,333	0.0	0.0	0.0	0,0,0
2257	0.07	0.20	0.08	316,315,333	0.0	0.0	0.0	0,0,0
2258	0.06	0.17	0.07	316,315,333	0.0	0.0	0.0	0,0,0
2259	0.05	0.18	0.07	320,313,334	0.0	0.0	0.0	0,0,0
2260	0.07	0.20	0.08	316,315,333	0.0	0.0	0.0	0,0,0
2261	0.06	0.21	0.08	320,313,334	0.0	0.0	0.0	0,0,0
2262	0.08	0.25	0.10	320,313,334	0.0	0.0	0.0	0,0,0
2263	0.07	0.22	0.09	308,313,334	0.0	0.0	0.0	0,0,0
2264	0.08	0.27	0.11	308,313,334	0.0	0.0	0.0	0,0,0
2265	0.10	0.32	0.13	308,313,334	0.0	0.0	0.0	0,0,0
2266	0.08	0.26	0.11	308,313,334	0.0	0.0	0.0	0,0,0
2267	0.11	0.33	0.13	308,307,334	0.0	0.0	0.0	0,0,0
2268	0.13	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
2269	0.10	0.30	0.13	308,307,334	0.0	0.0	0.0	0,0,0
2270	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
2271	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
2272	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
2273	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
2274	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
2275	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
2276	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
2277	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2278	0.08	0.23	0.09	308,321,334	0.0	0.0	0.0	0,0,0
2279	0.07	0.23	0.09	315,321,333	0.0	0.0	0.0	0,0,0
2280	0.07	0.23	0.09	315,315,333	0.0	0.0	0.0	0,0,0
2281	0.07	0.23	0.09	316,315,334	0.0	0.0	0.0	0,0,0
2282	0.07	0.23	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2283	0.07	0.23	0.09	316,315,334	0.0	0.0	0.0	0,0,0
2284	0.07	0.23	0.09	316,315,334	0.0	0.0	0.0	0,0,0
2285	0.07	0.21	0.08	316,315,334	0.0	0.0	0.0	0,0,0
2286	0.07	0.20	0.08	316,315,334	0.0	0.0	0.0	0,0,0
2287	0.07	0.21	0.09	308,313,334	0.0	0.0	0.0	0,0,0
2288	0.06	0.18	0.07	306,307,334	0.0	0.0	0.0	0,0,0
2289	0.08	0.24	0.10	308,307,334	0.0	0.0	0.0	0,0,0
2290	0.09	0.22	0.09	306,302,333	0.0	0.0	0.0	0,0,0
2291	0.09	0.29	0.12	308,307,334	0.0	0.0	0.0	0,0,0
2292	0.32	0.62	0.22	313,313,334	0.33	0.18	0.0	313,330,0
2293	0.11	0.30	0.13	306,313,334	0.0	0.0	0.0	0,0,0
2294	0.09	0.27	0.11	308,307,334	0.0	0.0	0.0	0,0,0
2295	0.07	0.23	0.09	315,315,333	0.0	0.0	0.0	0,0,0
2296	0.08	0.23	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2297	0.08	0.23	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2298	0.08	0.23	0.09	316,315,334	0.0	0.0	0.0	0,0,0
2299	0.07	0.21	0.08	316,305,333	0.0	0.0	0.0	0,0,0
2300	0.11	0.34	0.13	301,305,333	0.0	0.0	0.0	0,0,0
2301	0.43	0.59	0.39	305,305,333	0.24	0.22	0.17	305,325,333
2302	0.09	0.27	0.11	307,307,334	0.0	0.0	0.0	0,0,0
2303	0.07	0.21	0.08	315,321,333	0.0	0.0	0.0	0,0,0
2304	0.08	0.23	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2305	0.08	0.24	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2306	0.08	0.24	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2307	0.08	0.23	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2308	0.10	0.32	0.13	301,305,333	0.0	0.0	0.0	0,0,0
2309	0.14	0.42	0.16	305,305,333	0.0	0.0	0.0	0,0,0
2310	0.07	0.19	0.08	322,316,333	0.0	0.0	0.0	0,0,0
2311	0.08	0.25	0.10	307,313,334	0.0	0.0	0.0	0,0,0
2312	0.08	0.23	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2313	0.06	0.20	0.08	316,321,333	0.0	0.0	0.0	0,0,0
2314	0.09	0.27	0.11	316,315,333	0.0	0.0	0.0	0,0,0
2315	0.08	0.24	0.10	316,315,333	0.0	0.0	0.0	0,0,0
2316	0.10	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
2317	0.09	0.27	0.11	316,315,333	0.0	0.0	0.0	0,0,0
2318	0.11	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2319	0.10	0.28	0.12	316,315,334	0.0	0.0	0.0	0,0,0
2320	0.12	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2321	0.10	0.29	0.12	316,315,334	0.0	0.0	0.0	0,0,0
2322	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2323	0.10	0.28	0.12	316,315,334	0.0	0.0	0.0	0,0,0
2324	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2325	0.10	0.28	0.12	316,305,334	0.0	0.0	0.0	0,0,0
2326	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2327	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2328	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2329	0.09	0.27	0.11	316,315,333	0.0	0.0	0.0	0,0,0
2330	0.11	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2331	0.11	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2332	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2333	0.10	0.28	0.12	316,315,333	0.0	0.0	0.0	0,0,0
2334	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2335	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2336	0.11	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2337	0.10	0.31	0.13	316,315,333	0.0	0.0	0.0	0,0,0
2338	0.12	0.36	0.15	315,315,334	0.0	0.0	0.0	0,0,0
2339	0.12	0.36	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2340	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2341	0.11	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2342	0.12	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
2343	0.12	0.37	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2344	0.12	0.37	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2345	0.12	0.36	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2346	0.13	0.39	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2347	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2348	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2349	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2350	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2351	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2352	0.14	0.41	0.17	316,315,334	0.0	0.0	0.0	0,0,0
2353	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2354	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2355	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2356	0.14	0.42	0.17	316,315,334	0.0	0.0	0.0	0,0,0
2357	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2358	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2359	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2360	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2361	0.11	0.34	0.14	315,321,334	0.0	0.0	0.0	0,0,0
2362	0.12	0.35	0.14	315,321,334	0.0	0.0	0.0	0,0,0
2363	0.12	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
2364	0.13	0.40	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2365	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2366	0.11	0.31	0.13	316,316,334	0.0	0.0	0.0	0,0,0
2367	0.08	0.27	0.10	320,313,334	0.0	0.0	0.0	0,0,0
2368	0.08	0.21	0.09	322,316,334	0.0	0.0	0.0	0,0,0
2369	0.08	0.26	0.10	315,321,334	0.0	0.0	0.0	0,0,0
2370	0.06	0.20	0.07	321,321,334	0.0	0.0	0.0	0,0,0
2371	0.08	0.26	0.10	315,321,334	0.0	0.0	0.0	0,0,0
2372	0.06	0.20	0.07	321,321,334	0.0	0.0	0.0	0,0,0
2373	0.08	0.27	0.10	315,321,334	0.0	0.0	0.0	0,0,0
2374	0.06	0.21	0.07	321,321,334	0.0	0.0	0.0	0,0,0
2375	0.09	0.29	0.11	315,321,334	0.0	0.0	0.0	0,0,0
2376	0.07	0.24	0.08	313,321,334	0.0	0.0	0.0	0,0,0
2377	0.10	0.31	0.12	315,321,334	0.0	0.0	0.0	0,0,0
2378	0.08	0.27	0.10	321,321,334	0.0	0.0	0.0	0,0,0
2379	0.11	0.34	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2380	0.10	0.31	0.11	321,321,334	0.0	0.0	0.0	0,0,0
2381	0.12	0.36	0.14	315,321,334	0.0	0.0	0.0	0,0,0
2382	0.15	0.42	0.18	316,316,334	0.0	0.0	0.0	0,0,0
2383	0.10	0.27	0.12	322,316,334	0.0	0.0	0.0	0,0,0
2384	0.06	0.17	0.07	322,316,333	0.0	0.0	0.0	0,0,0
2385	0.04	0.12	0.04	322,321,333	0.0	0.0	0.0	0,0,0
2386	0.03	0.13	0.03	313,313,334	0.0	0.0	0.0	0,0,0
2387	0.04	0.15	0.04	313,313,334	0.0	0.0	0.0	0,0,0
2388	0.05	0.18	0.06	306,313,333	0.0	0.0	0.0	0,0,0
2389	0.09	0.24	0.08	306,306,333	0.0	0.0	0.0	0,0,0
2390	0.40	0.64	0.27	306,306,333	0.27	0.20	0.12	306,326,333
2391	0.12	0.29	0.12	306,306,333	0.0	0.0	0.0	0,0,0
2392	0.06	0.15	0.07	306,302,333	0.0	0.0	0.0	0,0,0
2393	0.05	0.13	0.06	306,302,333	0.0	0.0	0.0	0,0,0
2394	0.06	0.17	0.07	322,316,333	0.0	0.0	0.0	0,0,0
2395	0.09	0.23	0.10	322,316,333	0.0	0.0	0.0	0,0,0
2396	0.12	0.34	0.15	316,316,333	0.0	0.0	0.0	0,0,0
2397	0.18	0.52	0.22	316,316,334	0.0	0.0	0.0	0,0,0
2398	0.11	0.34	0.12	305,305,333	0.0	0.0	0.0	0,0,0
2399	0.07	0.22	0.09	305,305,333	0.0	0.0	0.0	0,0,0
2400	0.05	0.15	0.06	302,305,333	0.0	0.0	0.0	0,0,0
2401	0.06	0.17	0.07	316,315,333	0.0	0.0	0.0	0,0,0
2402	0.07	0.21	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2403	0.09	0.26	0.11	316,315,334	0.0	0.0	0.0	0,0,0
2404	0.12	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2405	0.16	0.47	0.20	316,315,334	0.0	0.0	0.0	0,0,0
2406	0.31	0.61	0.23	314,305,334	0.30	0.20	0.0	314,325,0
2407	0.09	0.26	0.09	305,305,333	0.0	0.0	0.0	0,0,0
2408	0.05	0.15	0.06	306,305,333	0.0	0.0	0.0	0,0,0
2409	0.06	0.16	0.07	306,315,333	0.0	0.0	0.0	0,0,0
2410	0.07	0.19	0.08	322,315,333	0.0	0.0	0.0	0,0,0
2411	0.09	0.25	0.11	316,315,333	0.0	0.0	0.0	0,0,0
2412	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2413	0.18	0.51	0.22	316,315,334	0.0	0.0	0.0	0,0,0
2414	0.06	0.20	0.07	305,305,333	0.0	0.0	0.0	0,0,0
2415	0.06	0.18	0.07	322,301,333	0.0	0.0	0.0	0,0,0
2416	0.07	0.19	0.08	322,316,334	0.0	0.0	0.0	0,0,0
2417	0.07	0.21	0.09	322,316,334	0.0	0.0	0.0	0,0,0
2418	0.08	0.23	0.09	322,316,334	0.0	0.0	0.0	0,0,0
2419	0.09	0.25	0.10	316,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2420	0.09	0.28	0.11	316,315,334	0.0	0.0	0.0	0,0,0
2421	0.10	0.32	0.13	320,319,334	0.0	0.0	0.0	0,0,0
2422	0.08	0.24	0.08	305,305,333	0.0	0.0	0.0	0,0,0
2423	0.05	0.17	0.06	305,305,333	0.0	0.0	0.0	0,0,0
2424	0.05	0.15	0.06	322,315,334	0.0	0.0	0.0	0,0,0
2425	0.06	0.18	0.08	322,316,334	0.0	0.0	0.0	0,0,0
2426	0.08	0.22	0.09	322,316,334	0.0	0.0	0.0	0,0,0
2427	0.09	0.26	0.11	316,315,334	0.0	0.0	0.0	0,0,0
2428	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2429	0.13	0.39	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2430	0.09	0.27	0.11	322,316,334	0.0	0.0	0.0	0,0,0
2431	0.09	0.27	0.11	322,322,334	0.0	0.0	0.0	0,0,0
2432	0.09	0.27	0.11	322,322,334	0.0	0.0	0.0	0,0,0
2433	0.09	0.26	0.11	322,322,334	0.0	0.0	0.0	0,0,0
2434	0.09	0.26	0.10	322,316,334	0.0	0.0	0.0	0,0,0
2435	0.09	0.25	0.10	322,316,334	0.0	0.0	0.0	0,0,0
2436	0.09	0.25	0.10	322,316,334	0.0	0.0	0.0	0,0,0
2437	0.09	0.26	0.10	322,319,334	0.0	0.0	0.0	0,0,0
2438	0.15	0.43	0.17	322,316,334	0.0	0.0	0.0	0,0,0
2439	0.15	0.42	0.17	322,322,334	0.0	0.0	0.0	0,0,0
2440	0.13	0.38	0.15	322,322,334	0.0	0.0	0.0	0,0,0
2441	0.12	0.33	0.13	322,322,334	0.0	0.0	0.0	0,0,0
2442	0.10	0.30	0.12	322,322,334	0.0	0.0	0.0	0,0,0
2443	0.10	0.28	0.11	322,322,334	0.0	0.0	0.0	0,0,0
2444	0.10	0.29	0.11	322,322,334	0.0	0.0	0.0	0,0,0
2445	0.11	0.31	0.12	322,322,334	0.0	0.0	0.0	0,0,0
2446	0.19	0.53	0.21	322,322,334	0.0	0.0	0.0	0,0,0
2447	0.19	0.53	0.22	322,322,334	0.0	0.0	0.0	0,0,0
2448	0.15	0.43	0.17	322,322,334	0.0	0.0	0.0	0,0,0
2449	0.12	0.34	0.14	322,322,334	0.0	0.0	0.0	0,0,0
2450	0.10	0.30	0.12	322,322,334	0.0	0.0	0.0	0,0,0
2451	0.10	0.28	0.11	322,322,334	0.0	0.0	0.0	0,0,0
2452	0.11	0.31	0.12	322,322,334	0.0	0.0	0.0	0,0,0
2453	0.13	0.36	0.14	322,322,334	0.0	0.0	0.0	0,0,0
2454	0.14	0.40	0.15	322,322,334	0.0	0.0	0.0	0,0,0
2455	0.21	0.58	0.24	322,316,334	0.0	0.0	0.0	0,0,0
2456	0.16	0.45	0.18	322,322,334	0.0	0.0	0.0	0,0,0
2457	0.12	0.34	0.14	322,322,334	0.0	0.0	0.0	0,0,0
2458	0.10	0.29	0.12	322,322,334	0.0	0.0	0.0	0,0,0
2459	0.11	0.31	0.12	322,322,334	0.0	0.0	0.0	0,0,0
2460	0.13	0.36	0.15	322,322,334	0.0	0.0	0.0	0,0,0
2461	0.16	0.46	0.19	322,322,334	0.0	0.0	0.0	0,0,0
2462	0.27	0.76	0.32	322,316,334	0.49	0.0	0.0	316,0,0
2463	0.47	0.77	0.46	322,321,334	0.45	0.40	0.30	321,330,334
2464	0.16	0.45	0.18	322,316,334	0.0	0.0	0.0	0,0,0
2465	0.12	0.33	0.13	322,322,334	0.0	0.0	0.0	0,0,0
2466	0.09	0.27	0.11	322,322,334	0.0	0.0	0.0	0,0,0
2467	0.08	0.24	0.10	322,322,334	0.0	0.0	0.0	0,0,0
2468	0.10	0.29	0.12	316,316,334	0.0	0.0	0.0	0,0,0
2469	0.15	0.42	0.18	316,316,334	0.0	0.0	0.0	0,0,0
2470	0.26	0.74	0.32	315,315,334	0.48	0.0	0.0	315,0,0
2471	0.50	0.72	0.44	321,321,334	0.38	0.31	0.27	322,331,334
2472	0.14	0.40	0.16	316,316,334	0.0	0.0	0.0	0,0,0
2473	0.10	0.29	0.12	322,316,334	0.0	0.0	0.0	0,0,0
2474	0.08	0.22	0.09	322,322,334	0.0	0.0	0.0	0,0,0
2475	0.06	0.17	0.07	322,322,333	0.0	0.0	0.0	0,0,0
2476	0.06	0.17	0.07	316,316,334	0.0	0.0	0.0	0,0,0
2477	0.11	0.30	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2478	0.17	0.50	0.21	315,315,334	0.0	0.0	0.0	0,0,0
2479	0.20	0.57	0.22	321,321,334	0.0	0.0	0.0	0,0,0
2480	0.12	0.36	0.15	316,316,334	0.0	0.0	0.0	0,0,0
2481	0.09	0.27	0.11	322,316,334	0.0	0.0	0.0	0,0,0
2482	0.07	0.20	0.08	322,322,334	0.0	0.0	0.0	0,0,0
2483	0.05	0.15	0.06	322,322,333	0.0	0.0	0.0	0,0,0
2484	0.04	0.13	0.05	308,308,334	0.0	0.0	0.0	0,0,0
2485	0.09	0.27	0.12	308,307,334	0.0	0.0	0.0	0,0,0
2486	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2487	0.22	0.52	0.24	314,322,334	0.25	0.0	0.0	314,0,0
2488	0.16	0.47	0.20	316,316,334	0.0	0.0	0.0	0,0,0
2489	0.14	0.41	0.17	316,315,334	0.0	0.0	0.0	0,0,0
2490	0.13	0.39	0.16	301,315,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2491	0.20	0.58	0.24	316,316,334	0.0	0.0	0.0	0,0,0
2493	0.13	0.39	0.14	314,314,334	0.0	0.0	0.0	0,0,0
2494	0.11	0.31	0.13	315,321,333	0.0	0.0	0.0	0,0,0
2495	0.09	0.30	0.11	315,321,334	0.0	0.0	0.0	0,0,0
2496	0.03	0.08	0.04	322,319,333	0.0	0.0	0.0	0,0,0
2497	0.04	0.10	0.05	320,321,333	0.0	0.0	0.0	0,0,0
2498	0.48	0.79	0.57	307,322,334	0.48	0.39	0.37	306,331,334
2499	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
2500	0.35	0.69	0.24	314,314,334	0.27	0.21	0.08	321,325,334
2501	0.08	0.22	0.09	316,316,333	0.0	0.0	0.0	0,0,0
2502	0.09	0.28	0.11	305,305,333	0.0	0.0	0.0	0,0,0
2503	0.09	0.27	0.10	305,305,333	0.0	0.0	0.0	0,0,0
2504	0.11	0.34	0.14	301,305,333	0.0	0.0	0.0	0,0,0
2505	0.38	0.68	0.30	306,306,333	0.35	0.24	0.15	306,326,333
2506	0.11	0.33	0.14	306,305,333	0.0	0.0	0.0	0,0,0
2507	0.07	0.17	0.06	306,321,333	0.0	0.0	0.0	0,0,0
2508	0.29	0.58	0.23	314,314,334	0.26	0.21	0.0	314,331,0
2509	0.06	0.14	0.06	306,321,333	0.0	0.0	0.0	0,0,0
2510	0.11	0.30	0.13	314,301,334	0.0	0.0	0.0	0,0,0
2511	0.08	0.26	0.10	315,321,333	0.0	0.0	0.0	0,0,0
2512	0.08	0.26	0.10	315,321,334	0.0	0.0	0.0	0,0,0
2513	0.07	0.24	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2514	0.06	0.21	0.07	315,321,334	0.0	0.0	0.0	0,0,0
2515	0.08	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2516	0.08	0.27	0.10	315,321,334	0.0	0.0	0.0	0,0,0
2517	0.07	0.25	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2518	0.06	0.20	0.06	315,321,334	0.0	0.0	0.0	0,0,0
2519	0.07	0.22	0.09	302,301,333	0.0	0.0	0.0	0,0,0
2520	0.08	0.25	0.10	301,301,333	0.0	0.0	0.0	0,0,0
2521	0.08	0.26	0.10	315,321,333	0.0	0.0	0.0	0,0,0
2522	0.07	0.20	0.08	302,305,333	0.0	0.0	0.0	0,0,0
2523	0.08	0.24	0.10	302,321,333	0.0	0.0	0.0	0,0,0
2524	0.08	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2525	0.06	0.18	0.07	302,301,333	0.0	0.0	0.0	0,0,0
2526	0.05	0.14	0.06	302,305,333	0.0	0.0	0.0	0,0,0
2527	0.17	0.52	0.21	307,313,334	0.0	0.0	0.0	0,0,0
2528	0.09	0.29	0.11	313,313,334	0.0	0.0	0.0	0,0,0
2529	0.04	0.13	0.04	302,313,333	0.0	0.0	0.0	0,0,0
2530	0.17	0.51	0.21	307,313,334	0.0	0.0	0.0	0,0,0
2531	0.11	0.35	0.13	307,313,334	0.0	0.0	0.0	0,0,0
2532	0.05	0.19	0.06	313,313,334	0.0	0.0	0.0	0,0,0
2533	0.23	0.65	0.28	307,313,334	0.0	0.0	0.0	0,0,0
2534	0.25	0.72	0.31	307,307,334	0.0	0.0	0.0	0,0,0
2535	0.11	0.35	0.14	315,321,334	0.0	0.0	0.0	0,0,0
2536	0.09	0.27	0.10	315,321,334	0.0	0.0	0.0	0,0,0
2537	0.07	0.23	0.10	310,313,334	0.0	0.0	0.0	0,0,0
2538	0.15	0.43	0.19	314,307,334	0.0	0.0	0.0	0,0,0
2539	0.49	0.60	0.50	314,308,334	0.33	0.21	0.19	308,330,333
2540	0.11	0.34	0.14	315,321,334	0.0	0.0	0.0	0,0,0
2541	0.08	0.25	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2542	0.05	0.17	0.07	310,313,334	0.0	0.0	0.0	0,0,0
2543	0.14	0.40	0.17	308,307,334	0.0	0.0	0.0	0,0,0
2544	0.24	0.72	0.31	307,307,334	0.0	0.0	0.0	0,0,0
2545	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
2546	0.14	0.44	0.18	307,307,334	0.0	0.0	0.0	0,0,0
2547	0.13	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2548	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
2549	0.14	0.44	0.18	315,307,334	0.0	0.0	0.0	0,0,0
2550	0.13	0.40	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2551	0.08	0.26	0.10	316,321,334	0.0	0.0	0.0	0,0,0
2552	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2553	0.12	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2554	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2555	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
2556	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
2557	0.08	0.25	0.10	316,321,334	0.0	0.0	0.0	0,0,0
2558	0.10	0.31	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2559	0.12	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
2560	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2561	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
2562	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2563	0.06	0.18	0.07	316,313,334	0.0	0.0	0.0	0,0,0
2564	0.06	0.19	0.08	316,315,334	0.0	0.0	0.0	0,0,0
2565	0.17	0.45	0.22	308,307,334	0.0	0.0	0.0	0,0,0
2566	0.10	0.33	0.13	309,313,334	0.0	0.0	0.0	0,0,0
2567	0.09	0.29	0.11	313,313,334	0.0	0.0	0.0	0,0,0
2568	0.08	0.28	0.11	313,313,334	0.0	0.0	0.0	0,0,0
2569	0.12	0.35	0.15	307,313,334	0.0	0.0	0.0	0,0,0
2570	0.09	0.29	0.12	307,313,334	0.0	0.0	0.0	0,0,0
2571	0.11	0.33	0.13	313,313,334	0.0	0.0	0.0	0,0,0
2573	0.11	0.35	0.15	307,313,334	0.0	0.0	0.0	0,0,0
2574	0.09	0.29	0.12	307,313,334	0.0	0.0	0.0	0,0,0
2575	0.08	0.25	0.10	309,313,334	0.0	0.0	0.0	0,0,0
2576	0.07	0.25	0.09	313,313,334	0.0	0.0	0.0	0,0,0
2577	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
2578	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
2579	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
2580	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
2581	0.21	0.63	0.27	308,307,334	0.0	0.0	0.0	0,0,0
2582	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
2583	0.27	0.78	0.34	316,315,334	0.51	0.48	0.48	315,327,334
2584	0.26	0.75	0.32	315,315,334	0.48	0.0	0.0	315,0,0
2585	0.34	0.80	0.43	316,315,334	0.50	0.44	0.44	315,327,334
2586	0.32	0.80	0.40	315,315,334	0.48	0.42	0.41	315,330,334
2588	0.41	0.80	0.51	315,315,334	0.45	0.43	0.42	315,327,334
2589	0.37	0.80	0.46	315,315,334	0.49	0.46	0.45	307,330,334
2590	0.36	0.80	0.45	315,315,334	0.46	0.43	0.42	315,330,334
2591	0.26	0.76	0.32	315,315,334	0.50	0.0	0.0	315,0,0
2592	0.34	0.80	0.43	315,315,334	0.49	0.45	0.43	315,330,334
2593	0.24	0.70	0.30	315,315,334	0.0	0.0	0.0	0,0,0
2594	0.31	0.80	0.39	315,315,334	0.44	0.42	0.41	315,330,334
2595	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
2596	0.14	0.41	0.17	307,307,334	0.0	0.0	0.0	0,0,0
2597	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
2598	0.09	0.28	0.12	307,313,334	0.0	0.0	0.0	0,0,0
2599	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
2600	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
2601	0.28	0.65	0.26	321,305,333	0.22	0.20	0.18	305,325,333
2602	0.10	0.29	0.13	302,302,333	0.0	0.0	0.0	0,0,0
2603	0.11	0.33	0.13	305,305,333	0.0	0.0	0.0	0,0,0
2604	0.08	0.25	0.11	302,301,333	0.0	0.0	0.0	0,0,0
2605	0.53	0.68	0.47	313,313,334	0.29	0.26	0.20	313,330,334
2606	0.14	0.40	0.15	305,305,333	0.0	0.0	0.0	0,0,0
2607	0.16	0.47	0.18	305,305,333	0.0	0.0	0.0	0,0,0
2608	0.09	0.27	0.09	313,313,334	0.0	0.0	0.0	0,0,0
2609	0.12	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2610	0.09	0.28	0.11	316,305,334	0.0	0.0	0.0	0,0,0
2611	0.12	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2612	0.09	0.24	0.10	316,316,334	0.0	0.0	0.0	0,0,0
2613	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2614	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2615	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
2616	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2617	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2618	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2619	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
2620	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2621	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2622	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2623	0.10	0.33	0.12	315,321,334	0.0	0.0	0.0	0,0,0
2624	0.13	0.38	0.15	315,321,334	0.0	0.0	0.0	0,0,0
2625	0.11	0.35	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2626	0.13	0.40	0.16	315,321,334	0.0	0.0	0.0	0,0,0
2627	0.12	0.34	0.14	306,306,333	0.0	0.0	0.0	0,0,0
2628	0.09	0.28	0.10	321,321,334	0.0	0.0	0.0	0,0,0
2629	0.50	0.64	0.43	314,314,334	0.27	0.23	0.17	314,331,334
2630	0.13	0.31	0.13	306,302,333	0.0	0.0	0.0	0,0,0
2631	0.15	0.42	0.16	305,305,333	0.0	0.0	0.0	0,0,0
2632	0.43	0.65	0.33	313,306,334	0.37	0.20	0.13	306,330,334
2633	0.08	0.27	0.09	305,305,333	0.0	0.0	0.0	0,0,0
2634	0.12	0.30	0.11	305,305,333	0.0	0.0	0.0	0,0,0
2635	0.06	0.20	0.07	305,305,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2636	0.08	0.25	0.09	305,305,333	0.0	0.0	0.0	0,0,0
2637	0.05	0.16	0.05	305,305,333	0.0	0.0	0.0	0,0,0
2638	0.06	0.20	0.07	305,305,333	0.0	0.0	0.0	0,0,0
2639	0.08	0.24	0.10	308,307,334	0.0	0.0	0.0	0,0,0
2640	0.05	0.17	0.06	302,305,333	0.0	0.0	0.0	0,0,0
2641	0.13	0.39	0.16	322,316,334	0.0	0.0	0.0	0,0,0
2642	0.09	0.23	0.10	322,307,334	0.0	0.0	0.0	0,0,0
2643	0.21	0.59	0.24	322,322,334	0.0	0.0	0.0	0,0,0
2644	0.14	0.37	0.14	322,322,334	0.0	0.0	0.0	0,0,0
2645	0.49	0.74	0.43	322,314,334	0.39	0.34	0.29	321,330,334
2646	0.27	0.71	0.32	322,316,334	0.42	0.39	0.38	316,331,334
2647	0.54	0.77	0.46	321,315,334	0.48	0.45	0.45	315,327,334
2648	0.27	0.72	0.33	315,315,334	0.42	0.40	0.40	315,327,334
2649	0.24	0.71	0.30	316,315,334	0.0	0.0	0.0	0,0,0
2650	0.23	0.69	0.29	315,315,334	0.0	0.0	0.0	0,0,0
2651	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
2652	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
2653	0.12	0.34	0.14	305,305,333	0.0	0.0	0.0	0,0,0
2654	0.14	0.42	0.14	305,305,333	0.0	0.0	0.0	0,0,0
2655	0.16	0.46	0.19	305,305,333	0.0	0.0	0.0	0,0,0
2656	0.34	0.70	0.35	305,314,333	0.21	0.18	0.14	305,325,333
2657	0.18	0.50	0.21	306,302,333	0.0	0.0	0.0	0,0,0
2658	0.54	0.72	0.49	306,306,333	0.31	0.27	0.22	306,326,333
2659	0.06	0.14	0.06	306,306,333	0.0	0.0	0.0	0,0,0
2660	0.13	0.37	0.16	306,301,333	0.0	0.0	0.0	0,0,0
2661	0.06	0.14	0.06	306,306,333	0.0	0.0	0.0	0,0,0
2662	0.17	0.46	0.17	306,306,333	0.0	0.0	0.0	0,0,0
2663	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2664	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2665	0.08	0.25	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2666	0.06	0.20	0.07	315,321,334	0.0	0.0	0.0	0,0,0
2667	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2668	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2669	0.08	0.25	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2670	0.06	0.20	0.07	315,321,334	0.0	0.0	0.0	0,0,0
2671	0.06	0.19	0.08	302,305,333	0.0	0.0	0.0	0,0,0
2672	0.08	0.24	0.10	316,321,333	0.0	0.0	0.0	0,0,0
2673	0.08	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2674	0.06	0.18	0.07	302,305,333	0.0	0.0	0.0	0,0,0
2675	0.08	0.23	0.09	316,321,333	0.0	0.0	0.0	0,0,0
2676	0.08	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2677	0.04	0.11	0.04	302,305,333	0.0	0.0	0.0	0,0,0
2678	0.03	0.11	0.04	306,305,333	0.0	0.0	0.0	0,0,0
2679	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
2680	0.12	0.38	0.15	307,313,334	0.0	0.0	0.0	0,0,0
2681	0.07	0.22	0.08	301,313,333	0.0	0.0	0.0	0,0,0
2682	0.18	0.55	0.23	301,301,333	0.0	0.0	0.0	0,0,0
2683	0.14	0.42	0.17	301,305,333	0.0	0.0	0.0	0,0,0
2684	0.08	0.25	0.10	301,305,333	0.0	0.0	0.0	0,0,0
2685	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
2686	0.19	0.55	0.23	301,315,333	0.0	0.0	0.0	0,0,0
2687	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2688	0.07	0.24	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2689	0.06	0.17	0.07	308,313,334	0.0	0.0	0.0	0,0,0
2690	0.13	0.38	0.16	308,307,334	0.0	0.0	0.0	0,0,0
2691	0.18	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
2692	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
2693	0.07	0.24	0.09	315,321,333	0.0	0.0	0.0	0,0,0
2694	0.06	0.18	0.08	302,301,333	0.0	0.0	0.0	0,0,0
2695	0.13	0.37	0.16	308,307,334	0.0	0.0	0.0	0,0,0
2696	0.18	0.53	0.22	308,307,334	0.0	0.0	0.0	0,0,0
2697	0.15	0.45	0.19	315,307,334	0.0	0.0	0.0	0,0,0
2698	0.14	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2699	0.13	0.40	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2700	0.15	0.45	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2701	0.14	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2702	0.13	0.40	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2703	0.08	0.24	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2704	0.10	0.29	0.12	315,321,334	0.0	0.0	0.0	0,0,0
2705	0.12	0.35	0.15	307,307,334	0.0	0.0	0.0	0,0,0
2706	0.13	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2707	0.15	0.44	0.18	315,307,334	0.0	0.0	0.0	0,0,0
2708	0.15	0.45	0.19	315,307,334	0.0	0.0	0.0	0,0,0
2709	0.07	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2710	0.09	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
2711	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
2712	0.13	0.39	0.16	307,307,334	0.0	0.0	0.0	0,0,0
2713	0.14	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2714	0.15	0.45	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2715	0.06	0.19	0.08	316,315,334	0.0	0.0	0.0	0,0,0
2716	0.06	0.19	0.08	316,315,334	0.0	0.0	0.0	0,0,0
2717	0.06	0.21	0.08	313,313,334	0.0	0.0	0.0	0,0,0
2718	0.06	0.21	0.07	313,313,334	0.0	0.0	0.0	0,0,0
2719	0.06	0.20	0.07	301,305,333	0.0	0.0	0.0	0,0,0
2720	0.06	0.19	0.07	316,305,334	0.0	0.0	0.0	0,0,0
2721	0.11	0.33	0.14	307,313,334	0.0	0.0	0.0	0,0,0
2722	0.09	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
2723	0.07	0.22	0.08	309,313,334	0.0	0.0	0.0	0,0,0
2724	0.06	0.20	0.07	313,313,334	0.0	0.0	0.0	0,0,0
2725	0.10	0.31	0.13	307,313,334	0.0	0.0	0.0	0,0,0
2726	0.08	0.25	0.10	307,313,334	0.0	0.0	0.0	0,0,0
2727	0.07	0.22	0.08	307,313,334	0.0	0.0	0.0	0,0,0
2728	0.06	0.20	0.08	301,305,333	0.0	0.0	0.0	0,0,0
2729	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
2730	0.13	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
2731	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2732	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
2733	0.19	0.56	0.24	315,315,334	0.0	0.0	0.0	0,0,0
2734	0.16	0.48	0.20	315,315,334	0.0	0.0	0.0	0,0,0
2735	0.22	0.66	0.28	315,315,334	0.0	0.0	0.0	0,0,0
2736	0.18	0.55	0.23	315,315,334	0.0	0.0	0.0	0,0,0
2737	0.26	0.74	0.33	315,315,334	0.45	0.43	0.42	315,330,334
2738	0.22	0.65	0.27	315,315,334	0.0	0.0	0.0	0,0,0
2739	0.30	0.80	0.37	315,315,334	0.46	0.43	0.42	315,330,334
2740	0.29	0.78	0.36	315,315,334	0.45	0.42	0.41	315,330,334
2741	0.24	0.71	0.30	315,315,334	0.0	0.0	0.0	0,0,0
2742	0.24	0.71	0.30	315,315,334	0.0	0.0	0.0	0,0,0
2743	0.21	0.62	0.26	315,315,334	0.0	0.0	0.0	0,0,0
2744	0.27	0.73	0.33	315,315,334	0.44	0.42	0.41	315,330,334
2745	0.19	0.55	0.23	315,315,334	0.0	0.0	0.0	0,0,0
2746	0.23	0.67	0.28	315,315,334	0.0	0.0	0.0	0,0,0
2747	0.07	0.21	0.09	319,313,334	0.0	0.0	0.0	0,0,0
2748	0.10	0.31	0.13	319,313,334	0.0	0.0	0.0	0,0,0
2749	0.15	0.44	0.18	319,319,334	0.0	0.0	0.0	0,0,0
2750	0.06	0.19	0.07	320,321,334	0.0	0.0	0.0	0,0,0
2751	0.09	0.28	0.12	319,319,334	0.0	0.0	0.0	0,0,0
2752	0.14	0.41	0.17	319,319,334	0.0	0.0	0.0	0,0,0
2753	0.05	0.17	0.07	305,305,333	0.0	0.0	0.0	0,0,0
2754	0.05	0.17	0.07	307,313,334	0.0	0.0	0.0	0,0,0
2755	0.05	0.14	0.06	302,301,333	0.0	0.0	0.0	0,0,0
2756	0.03	0.11	0.04	308,313,334	0.0	0.0	0.0	0,0,0
2757	0.05	0.17	0.06	305,305,333	0.0	0.0	0.0	0,0,0
2758	0.05	0.16	0.06	316,315,333	0.0	0.0	0.0	0,0,0
2759	0.05	0.13	0.05	322,315,334	0.0	0.0	0.0	0,0,0
2760	0.06	0.18	0.07	316,315,334	0.0	0.0	0.0	0,0,0
2761	0.11	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2762	0.08	0.23	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2763	0.11	0.32	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2764	0.08	0.24	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2765	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2766	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2767	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
2768	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2769	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2770	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2771	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
2772	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2773	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2774	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2775	0.12	0.36	0.14	315,321,334	0.0	0.0	0.0	0,0,0
2776	0.13	0.41	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2777	0.12	0.38	0.15	315,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2778	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2779	0.10	0.31	0.12	315,321,334	0.0	0.0	0.0	0,0,0
2780	0.11	0.34	0.13	315,315,334	0.0	0.0	0.0	0,0,0
2781	0.07	0.24	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2782	0.09	0.29	0.12	315,315,334	0.0	0.0	0.0	0,0,0
2783	0.05	0.16	0.06	316,316,334	0.0	0.0	0.0	0,0,0
2784	0.06	0.18	0.07	316,315,334	0.0	0.0	0.0	0,0,0
2785	0.09	0.26	0.11	316,315,334	0.0	0.0	0.0	0,0,0
2786	0.09	0.27	0.11	316,315,334	0.0	0.0	0.0	0,0,0
2787	0.05	0.14	0.06	316,315,334	0.0	0.0	0.0	0,0,0
2788	0.05	0.15	0.06	316,316,334	0.0	0.0	0.0	0,0,0
2789	0.08	0.24	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2790	0.08	0.25	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2791	0.04	0.13	0.05	316,315,334	0.0	0.0	0.0	0,0,0
2792	0.08	0.23	0.09	316,315,334	0.0	0.0	0.0	0,0,0
2793	0.08	0.21	0.08	322,322,334	0.0	0.0	0.0	0,0,0
2794	0.07	0.22	0.09	316,315,334	0.0	0.0	0.0	0,0,0
2795	0.11	0.30	0.12	322,322,334	0.0	0.0	0.0	0,0,0
2796	0.08	0.23	0.09	322,322,334	0.0	0.0	0.0	0,0,0
2797	0.18	0.51	0.22	316,316,334	0.0	0.0	0.0	0,0,0
2798	0.12	0.34	0.14	316,316,334	0.0	0.0	0.0	0,0,0
2799	0.18	0.51	0.22	316,316,334	0.0	0.0	0.0	0,0,0
2800	0.12	0.33	0.14	316,316,334	0.0	0.0	0.0	0,0,0
2801	0.17	0.49	0.21	316,315,334	0.0	0.0	0.0	0,0,0
2802	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2803	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
2804	0.16	0.48	0.19	305,305,333	0.0	0.0	0.0	0,0,0
2805	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
2806	0.14	0.40	0.17	301,305,333	0.0	0.0	0.0	0,0,0
2807	0.16	0.46	0.20	301,301,333	0.0	0.0	0.0	0,0,0
2808	0.34	0.65	0.28	322,305,333	0.33	0.29	0.27	305,325,333
2809	0.14	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
2810	0.14	0.40	0.18	302,301,333	0.0	0.0	0.0	0,0,0
2811	0.35	0.57	0.32	306,306,333	0.23	0.21	0.16	306,326,333
2812	0.16	0.43	0.19	306,302,333	0.0	0.0	0.0	0,0,0
2813	0.12	0.34	0.15	302,301,333	0.0	0.0	0.0	0,0,0
2814	0.05	0.12	0.05	306,321,333	0.0	0.0	0.0	0,0,0
2815	0.16	0.44	0.16	306,306,333	0.0	0.0	0.0	0,0,0
2816	0.04	0.12	0.04	306,321,333	0.0	0.0	0.0	0,0,0
2817	0.11	0.29	0.12	306,301,333	0.0	0.0	0.0	0,0,0
2818	0.04	0.13	0.04	321,321,334	0.0	0.0	0.0	0,0,0
2819	0.09	0.25	0.11	306,302,333	0.0	0.0	0.0	0,0,0
2820	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2821	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2822	0.08	0.25	0.10	315,321,333	0.0	0.0	0.0	0,0,0
2823	0.06	0.20	0.07	315,321,334	0.0	0.0	0.0	0,0,0
2824	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2825	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2826	0.08	0.25	0.09	315,321,333	0.0	0.0	0.0	0,0,0
2827	0.06	0.20	0.07	315,321,334	0.0	0.0	0.0	0,0,0
2828	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2829	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2830	0.08	0.25	0.09	315,321,333	0.0	0.0	0.0	0,0,0
2831	0.06	0.20	0.07	315,321,334	0.0	0.0	0.0	0,0,0
2832	0.06	0.17	0.07	302,321,333	0.0	0.0	0.0	0,0,0
2833	0.08	0.23	0.09	316,321,333	0.0	0.0	0.0	0,0,0
2834	0.08	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2835	0.05	0.16	0.07	316,321,333	0.0	0.0	0.0	0,0,0
2836	0.07	0.23	0.09	316,321,333	0.0	0.0	0.0	0,0,0
2837	0.08	0.26	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2838	0.05	0.17	0.07	316,305,334	0.0	0.0	0.0	0,0,0
2839	0.07	0.22	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2840	0.08	0.26	0.10	315,321,333	0.0	0.0	0.0	0,0,0
2841	0.05	0.15	0.06	302,301,333	0.0	0.0	0.0	0,0,0
2842	0.07	0.22	0.09	301,301,333	0.0	0.0	0.0	0,0,0
2843	0.09	0.27	0.11	301,305,333	0.0	0.0	0.0	0,0,0
2844	0.22	0.66	0.28	301,301,333	0.0	0.0	0.0	0,0,0
2845	0.17	0.50	0.21	301,301,333	0.0	0.0	0.0	0,0,0
2846	0.09	0.28	0.11	301,305,333	0.0	0.0	0.0	0,0,0
2847	0.29	0.76	0.36	301,301,333	0.44	0.41	0.40	301,325,333
2848	0.20	0.57	0.24	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2849	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
2850	0.41	0.74	0.47	302,301,333	0.34	0.34	0.31	314,331,334
2851	0.25	0.75	0.31	301,301,333	0.49	0.0	0.0	301,0,0
2852	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
2853	0.23	0.68	0.29	302,301,333	0.0	0.0	0.0	0,0,0
2854	0.31	0.76	0.38	302,301,333	0.48	0.40	0.39	301,323,333
2855	0.61	0.79	0.59	306,301,333	0.49	0.46	0.45	301,323,333
2856	0.11	0.34	0.14	315,321,334	0.0	0.0	0.0	0,0,0
2857	0.08	0.25	0.10	315,321,333	0.0	0.0	0.0	0,0,0
2858	0.08	0.22	0.09	302,301,333	0.0	0.0	0.0	0,0,0
2859	0.14	0.39	0.17	302,301,333	0.0	0.0	0.0	0,0,0
2860	0.21	0.60	0.26	302,301,333	0.0	0.0	0.0	0,0,0
2861	0.11	0.35	0.14	315,321,334	0.0	0.0	0.0	0,0,0
2862	0.08	0.27	0.10	315,321,333	0.0	0.0	0.0	0,0,0
2863	0.09	0.25	0.11	302,301,333	0.0	0.0	0.0	0,0,0
2864	0.15	0.42	0.18	302,301,333	0.0	0.0	0.0	0,0,0
2865	0.25	0.72	0.31	302,301,333	0.0	0.0	0.0	0,0,0
2866	0.12	0.36	0.15	315,321,333	0.0	0.0	0.0	0,0,0
2867	0.09	0.28	0.11	315,321,333	0.0	0.0	0.0	0,0,0
2868	0.09	0.25	0.11	302,301,333	0.0	0.0	0.0	0,0,0
2869	0.15	0.43	0.18	302,301,333	0.0	0.0	0.0	0,0,0
2870	0.27	0.76	0.32	302,302,333	0.49	0.0	0.0	302,0,0
2871	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2872	0.14	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2873	0.13	0.40	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2874	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2875	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2876	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2877	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2878	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2879	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2880	0.06	0.19	0.08	319,313,334	0.0	0.0	0.0	0,0,0
2881	0.08	0.24	0.10	319,313,334	0.0	0.0	0.0	0,0,0
2882	0.10	0.30	0.12	307,313,334	0.0	0.0	0.0	0,0,0
2883	0.12	0.37	0.15	315,307,334	0.0	0.0	0.0	0,0,0
2884	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2885	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2886	0.05	0.18	0.07	302,305,333	0.0	0.0	0.0	0,0,0
2887	0.06	0.19	0.07	319,313,334	0.0	0.0	0.0	0,0,0
2888	0.09	0.27	0.11	308,313,334	0.0	0.0	0.0	0,0,0
2889	0.11	0.35	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2890	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2891	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2892	0.08	0.26	0.10	302,301,333	0.0	0.0	0.0	0,0,0
2893	0.04	0.14	0.05	320,313,334	0.0	0.0	0.0	0,0,0
2894	0.08	0.25	0.10	316,321,334	0.0	0.0	0.0	0,0,0
2895	0.11	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2896	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2897	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2898	0.06	0.18	0.08	316,315,334	0.0	0.0	0.0	0,0,0
2899	0.07	0.23	0.09	302,305,333	0.0	0.0	0.0	0,0,0
2900	0.10	0.31	0.13	302,301,333	0.0	0.0	0.0	0,0,0
2901	0.07	0.22	0.09	301,305,333	0.0	0.0	0.0	0,0,0
2902	0.06	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
2903	0.08	0.26	0.10	301,305,333	0.0	0.0	0.0	0,0,0
2904	0.08	0.26	0.10	301,305,333	0.0	0.0	0.0	0,0,0
2905	0.11	0.33	0.14	302,301,333	0.0	0.0	0.0	0,0,0
2906	0.11	0.34	0.14	302,301,333	0.0	0.0	0.0	0,0,0
2907	0.09	0.28	0.11	307,313,334	0.0	0.0	0.0	0,0,0
2908	0.08	0.24	0.10	307,313,334	0.0	0.0	0.0	0,0,0
2909	0.07	0.22	0.09	301,305,333	0.0	0.0	0.0	0,0,0
2910	0.07	0.23	0.09	301,305,333	0.0	0.0	0.0	0,0,0
2911	0.08	0.24	0.10	315,321,334	0.0	0.0	0.0	0,0,0
2912	0.07	0.23	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2913	0.08	0.25	0.10	301,305,333	0.0	0.0	0.0	0,0,0
2914	0.08	0.26	0.10	301,305,333	0.0	0.0	0.0	0,0,0
2915	0.07	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
2916	0.07	0.23	0.09	301,305,333	0.0	0.0	0.0	0,0,0
2917	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
2918	0.10	0.32	0.13	302,301,333	0.0	0.0	0.0	0,0,0
2919	0.12	0.36	0.14	315,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2920	0.10	0.31	0.13	315,315,334	0.0	0.0	0.0	0,0,0
2921	0.09	0.28	0.11	315,321,334	0.0	0.0	0.0	0,0,0
2922	0.08	0.26	0.10	315,321,334	0.0	0.0	0.0	0,0,0
2923	0.06	0.21	0.08	315,321,334	0.0	0.0	0.0	0,0,0
2924	0.06	0.20	0.08	315,321,334	0.0	0.0	0.0	0,0,0
2925	0.13	0.40	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2926	0.10	0.31	0.12	315,315,334	0.0	0.0	0.0	0,0,0
2927	0.07	0.23	0.09	315,321,334	0.0	0.0	0.0	0,0,0
2928	0.15	0.45	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2929	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
2930	0.08	0.25	0.10	316,321,334	0.0	0.0	0.0	0,0,0
2931	0.17	0.51	0.21	315,315,334	0.0	0.0	0.0	0,0,0
2932	0.13	0.40	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2933	0.10	0.30	0.12	316,315,334	0.0	0.0	0.0	0,0,0
2934	0.19	0.56	0.24	315,315,334	0.0	0.0	0.0	0,0,0
2935	0.19	0.56	0.24	315,315,334	0.0	0.0	0.0	0,0,0
2936	0.15	0.46	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2937	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2938	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2939	0.12	0.36	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2940	0.16	0.48	0.20	315,315,334	0.0	0.0	0.0	0,0,0
2941	0.19	0.55	0.23	315,315,334	0.0	0.0	0.0	0,0,0
2942	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2943	0.15	0.46	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2944	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2945	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2946	0.07	0.21	0.09	316,321,334	0.0	0.0	0.0	0,0,0
2947	0.09	0.29	0.12	320,319,334	0.0	0.0	0.0	0,0,0
2948	0.13	0.38	0.16	319,319,334	0.0	0.0	0.0	0,0,0
2949	0.08	0.24	0.10	316,315,334	0.0	0.0	0.0	0,0,0
2950	0.10	0.30	0.12	316,315,334	0.0	0.0	0.0	0,0,0
2951	0.12	0.36	0.15	315,315,334	0.0	0.0	0.0	0,0,0
2952	0.09	0.27	0.11	316,315,334	0.0	0.0	0.0	0,0,0
2953	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2954	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2955	0.06	0.19	0.08	302,301,333	0.0	0.0	0.0	0,0,0
2956	0.05	0.16	0.06	302,301,333	0.0	0.0	0.0	0,0,0
2957	0.08	0.23	0.10	316,315,333	0.0	0.0	0.0	0,0,0
2958	0.07	0.21	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2959	0.08	0.26	0.10	315,315,333	0.0	0.0	0.0	0,0,0
2960	0.08	0.24	0.10	315,315,334	0.0	0.0	0.0	0,0,0
2961	0.07	0.22	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2962	0.08	0.25	0.10	316,315,333	0.0	0.0	0.0	0,0,0
2963	0.09	0.27	0.11	315,315,333	0.0	0.0	0.0	0,0,0
2964	0.08	0.23	0.09	316,315,333	0.0	0.0	0.0	0,0,0
2965	0.09	0.26	0.11	316,315,333	0.0	0.0	0.0	0,0,0
2966	0.09	0.28	0.11	315,315,333	0.0	0.0	0.0	0,0,0
2967	0.11	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2968	0.09	0.26	0.11	316,315,334	0.0	0.0	0.0	0,0,0
2969	0.12	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2970	0.10	0.29	0.12	316,315,334	0.0	0.0	0.0	0,0,0
2971	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
2972	0.10	0.31	0.13	316,315,334	0.0	0.0	0.0	0,0,0
2973	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2974	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2975	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
2976	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2977	0.15	0.45	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2978	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2979	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2980	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2981	0.15	0.45	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2982	0.15	0.44	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2983	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2984	0.13	0.39	0.16	316,315,334	0.0	0.0	0.0	0,0,0
2985	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2986	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
2987	0.15	0.44	0.19	315,315,334	0.0	0.0	0.0	0,0,0
2988	0.13	0.39	0.16	315,315,334	0.0	0.0	0.0	0,0,0
2989	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2990	0.13	0.40	0.16	315,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
2991	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2992	0.14	0.42	0.17	316,315,334	0.0	0.0	0.0	0,0,0
2993	0.14	0.42	0.17	315,315,334	0.0	0.0	0.0	0,0,0
2994	0.12	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
2995	0.13	0.40	0.17	316,315,334	0.0	0.0	0.0	0,0,0
2996	0.15	0.44	0.18	316,315,334	0.0	0.0	0.0	0,0,0
2997	0.12	0.35	0.14	316,315,334	0.0	0.0	0.0	0,0,0
2998	0.14	0.41	0.17	316,315,334	0.0	0.0	0.0	0,0,0
2999	0.15	0.46	0.19	316,315,334	0.0	0.0	0.0	0,0,0
3000	0.12	0.35	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3001	0.12	0.35	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3002	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
3003	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
3004	0.16	0.48	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3005	0.16	0.47	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3006	0.11	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3007	0.12	0.35	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3008	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3009	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
3010	0.16	0.49	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3011	0.16	0.49	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3012	0.11	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3013	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
3014	0.16	0.49	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3015	0.11	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3016	0.14	0.42	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3017	0.16	0.49	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3018	0.11	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3019	0.14	0.42	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3020	0.16	0.48	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3021	0.11	0.33	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3022	0.14	0.41	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3023	0.16	0.48	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3024	0.11	0.31	0.13	316,316,334	0.0	0.0	0.0	0,0,0
3025	0.19	0.55	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3026	0.21	0.45	0.22	322,322,334	0.20	0.0	0.0	322,0,0
3027	0.17	0.49	0.21	316,315,333	0.0	0.0	0.0	0,0,0
3028	0.12	0.35	0.14	315,315,334	0.0	0.0	0.0	0,0,0
3029	0.15	0.46	0.19	315,315,334	0.0	0.0	0.0	0,0,0
3030	0.09	0.27	0.11	316,316,334	0.0	0.0	0.0	0,0,0
3031	0.17	0.51	0.21	315,315,334	0.0	0.0	0.0	0,0,0
3032	0.18	0.53	0.22	315,315,334	0.0	0.0	0.0	0,0,0
3033	0.24	0.66	0.29	302,316,333	0.0	0.0	0.0	0,0,0
3034	0.46	0.76	0.37	322,322,334	0.44	0.29	0.22	305,331,333
3035	0.16	0.46	0.20	302,302,333	0.0	0.0	0.0	0,0,0
3036	0.16	0.45	0.20	302,302,333	0.0	0.0	0.0	0,0,0
3037	0.11	0.32	0.14	302,302,333	0.0	0.0	0.0	0,0,0
3038	0.11	0.31	0.14	306,302,333	0.0	0.0	0.0	0,0,0
3039	0.04	0.15	0.05	321,321,334	0.0	0.0	0.0	0,0,0
3040	0.08	0.22	0.10	306,302,333	0.0	0.0	0.0	0,0,0
3041	0.05	0.16	0.05	315,321,334	0.0	0.0	0.0	0,0,0
3042	0.08	0.20	0.09	306,302,333	0.0	0.0	0.0	0,0,0
3043	0.08	0.26	0.10	315,321,333	0.0	0.0	0.0	0,0,0
3044	0.08	0.26	0.10	315,321,333	0.0	0.0	0.0	0,0,0
3045	0.08	0.25	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3046	0.06	0.21	0.08	315,321,334	0.0	0.0	0.0	0,0,0
3047	0.08	0.24	0.10	315,321,334	0.0	0.0	0.0	0,0,0
3048	0.08	0.24	0.10	315,321,333	0.0	0.0	0.0	0,0,0
3049	0.08	0.24	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3050	0.06	0.21	0.08	315,321,334	0.0	0.0	0.0	0,0,0
3051	0.06	0.18	0.07	301,305,333	0.0	0.0	0.0	0,0,0
3052	0.07	0.21	0.09	316,315,334	0.0	0.0	0.0	0,0,0
3053	0.08	0.25	0.10	315,321,333	0.0	0.0	0.0	0,0,0
3054	0.06	0.18	0.07	301,305,334	0.0	0.0	0.0	0,0,0
3055	0.07	0.20	0.08	315,315,334	0.0	0.0	0.0	0,0,0
3056	0.07	0.23	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3057	0.10	0.30	0.12	301,305,333	0.0	0.0	0.0	0,0,0
3058	0.10	0.30	0.12	301,305,333	0.0	0.0	0.0	0,0,0
3059	0.42	0.78	0.52	301,301,333	0.48	0.45	0.43	301,325,333
3060	0.25	0.73	0.31	301,301,333	0.0	0.0	0.0	0,0,0
3061	0.16	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3062	0.26	0.73	0.32	301,301,333	0.45	0.43	0.0	301,325,0
3063	0.23	0.68	0.28	301,301,333	0.0	0.0	0.0	0,0,0
3064	0.16	0.46	0.19	301,305,333	0.0	0.0	0.0	0,0,0
3065	0.48	0.72	0.53	314,302,334	0.35	0.32	0.23	302,326,334
3066	0.28	0.75	0.34	302,301,333	0.45	0.42	0.41	301,325,333
3067	0.12	0.36	0.15	315,315,333	0.0	0.0	0.0	0,0,0
3068	0.09	0.29	0.11	315,321,333	0.0	0.0	0.0	0,0,0
3069	0.09	0.25	0.11	302,301,333	0.0	0.0	0.0	0,0,0
3070	0.14	0.40	0.17	302,301,333	0.0	0.0	0.0	0,0,0
3071	0.24	0.68	0.30	301,301,333	0.0	0.0	0.0	0,0,0
3072	0.12	0.36	0.15	315,315,333	0.0	0.0	0.0	0,0,0
3073	0.09	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
3074	0.07	0.20	0.08	302,321,333	0.0	0.0	0.0	0,0,0
3075	0.11	0.31	0.13	302,301,333	0.0	0.0	0.0	0,0,0
3076	0.18	0.54	0.23	302,301,333	0.0	0.0	0.0	0,0,0
3077	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3078	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3079	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
3080	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3081	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3082	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
3083	0.14	0.43	0.18	302,301,333	0.0	0.0	0.0	0,0,0
3084	0.09	0.24	0.10	302,301,333	0.0	0.0	0.0	0,0,0
3085	0.08	0.23	0.10	302,301,333	0.0	0.0	0.0	0,0,0
3086	0.11	0.33	0.13	316,315,334	0.0	0.0	0.0	0,0,0
3087	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3088	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3089	0.27	0.75	0.33	302,301,333	0.49	0.0	0.0	301,0,0
3090	0.19	0.54	0.23	302,301,333	0.0	0.0	0.0	0,0,0
3091	0.14	0.40	0.17	302,301,333	0.0	0.0	0.0	0,0,0
3092	0.11	0.32	0.13	316,315,334	0.0	0.0	0.0	0,0,0
3093	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3094	0.15	0.44	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3095	0.07	0.34	0.09	320,321,334	0.0	0.0	0.0	0,0,0
3096	0.08	0.40	0.10	316,321,334	0.0	0.0	0.0	0,0,0
3097	0.09	0.48	0.11	321,321,334	0.0	0.0	0.0	0,0,0
3098	0.10	0.53	0.13	315,321,334	0.0	0.0	0.0	0,0,0
3099	0.03	0.18	0.03	322,321,333	0.0	0.0	0.0	0,0,0
3100	0.04	0.24	0.05	322,321,334	0.0	0.0	0.0	0,0,0
3101	0.06	0.29	0.07	320,321,334	0.0	0.0	0.0	0,0,0
3102	0.03	0.21	0.04	322,321,334	0.0	0.0	0.0	0,0,0
3103	0.05	0.28	0.07	316,321,334	0.0	0.0	0.0	0,0,0
3104	0.07	0.34	0.09	316,321,334	0.0	0.0	0.0	0,0,0
3105	0.07	0.26	0.08	307,321,334	0.0	0.0	0.0	0,0,0
3106	0.06	0.34	0.08	316,321,334	0.0	0.0	0.0	0,0,0
3107	0.08	0.41	0.10	316,321,334	0.0	0.0	0.0	0,0,0
3108	0.09	0.32	0.11	307,321,334	0.0	0.0	0.0	0,0,0
3109	0.07	0.40	0.08	307,321,334	0.0	0.0	0.0	0,0,0
3110	0.08	0.48	0.10	315,321,334	0.0	0.0	0.0	0,0,0
3111	0.02	0.17	0.02	316,321,334	0.0	0.0	0.0	0,0,0
3112	0.05	0.22	0.06	307,321,334	0.0	0.0	0.0	0,0,0
3113	0.11	0.34	0.12	313,321,334	0.0	0.0	0.0	0,0,0
3114	0.15	0.48	0.17	313,321,334	0.0	0.0	0.0	0,0,0
3115	0.04	0.18	0.05	316,321,333	0.0	0.0	0.0	0,0,0
3116	0.03	0.17	0.04	307,321,334	0.0	0.0	0.0	0,0,0
3117	0.04	0.14	0.05	315,321,334	0.0	0.0	0.0	0,0,0
3118	0.04	0.19	0.05	315,321,334	0.0	0.0	0.0	0,0,0
3119	0.04	0.19	0.05	315,321,334	0.0	0.0	0.0	0,0,0
3120	0.06	0.21	0.08	308,321,334	0.0	0.0	0.0	0,0,0
3121	0.07	0.19	0.08	307,313,334	0.0	0.0	0.0	0,0,0
3122	0.08	0.22	0.10	315,321,334	0.0	0.0	0.0	0,0,0
3123	0.08	0.27	0.10	315,321,334	0.0	0.0	0.0	0,0,0
3124	0.08	0.27	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3125	0.09	0.25	0.11	308,321,334	0.0	0.0	0.0	0,0,0
3126	0.10	0.29	0.13	307,307,334	0.0	0.0	0.0	0,0,0
3127	0.14	0.38	0.17	315,315,334	0.0	0.0	0.0	0,0,0
3128	0.15	0.42	0.19	315,321,334	0.0	0.0	0.0	0,0,0
3129	0.17	0.47	0.19	321,321,334	0.0	0.0	0.0	0,0,0
3130	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
3131	0.12	0.35	0.15	307,307,334	0.0	0.0	0.0	0,0,0
3132	0.16	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3135	0.04	0.20	0.05	316,321,334	0.0	0.0	0.0	0,0,0
3136	0.04	0.18	0.05	316,321,334	0.0	0.0	0.0	0,0,0
3137	0.05	0.20	0.06	316,321,333	0.0	0.0	0.0	0,0,0
3138	0.07	0.26	0.09	316,315,334	0.0	0.0	0.0	0,0,0
3139	0.07	0.25	0.09	316,315,334	0.0	0.0	0.0	0,0,0
3140	0.07	0.22	0.08	316,321,334	0.0	0.0	0.0	0,0,0
3141	0.14	0.40	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3142	0.12	0.36	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3143	0.10	0.29	0.12	308,315,334	0.0	0.0	0.0	0,0,0
3144	0.19	0.46	0.23	316,315,334	0.0	0.0	0.0	0,0,0
3145	0.14	0.40	0.17	308,315,334	0.0	0.0	0.0	0,0,0
3146	0.11	0.33	0.14	308,321,334	0.0	0.0	0.0	0,0,0
3147	0.14	0.39	0.16	316,315,333	0.0	0.0	0.0	0,0,0
3149	0.11	0.42	0.12	322,316,333	0.0	0.0	0.0	0,0,0
3150	0.11	0.42	0.11	322,322,333	0.0	0.0	0.0	0,0,0
3152	0.06	0.35	0.08	316,321,333	0.0	0.0	0.0	0,0,0
3153	0.12	0.36	0.14	316,315,333	0.0	0.0	0.0	0,0,0
3154	0.09	0.42	0.12	315,321,333	0.0	0.0	0.0	0,0,0
3155	0.07	0.31	0.09	316,321,333	0.0	0.0	0.0	0,0,0
3156	0.06	0.32	0.08	316,321,334	0.0	0.0	0.0	0,0,0
3157	0.07	0.54	0.09	316,321,333	0.0	0.0	0.0	0,0,0
3158	0.07	0.24	0.09	316,315,334	0.0	0.0	0.0	0,0,0
3159	0.14	0.45	0.17	316,316,333	0.0	0.0	0.0	0,0,0
3160	0.10	0.65	0.12	322,322,334	0.0	0.0	0.0	0,0,0
3161	0.07	0.36	0.09	316,322,333	0.0	0.0	0.0	0,0,0
3162	0.06	0.25	0.08	316,316,334	0.0	0.0	0.0	0,0,0
3163	0.08	0.76	0.09	322,322,334	0.0	0.0	0.0	0,0,0
3164	0.14	0.42	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3165	0.31	0.59	0.37	316,316,333	0.24	0.26	0.26	315,323,333
3167	0.07	0.41	0.08	321,316,333	0.0	0.0	0.0	0,0,0
3168	0.06	0.32	0.08	316,315,334	0.0	0.0	0.0	0,0,0
3170	0.26	0.55	0.31	316,315,334	0.24	0.23	0.23	315,327,334
3171	0.04	0.23	0.05	302,321,333	0.0	0.0	0.0	0,0,0
3172	0.03	0.19	0.04	302,321,333	0.0	0.0	0.0	0,0,0
3173	0.04	0.14	0.04	322,321,333	0.0	0.0	0.0	0,0,0
3174	0.13	0.34	0.15	322,321,333	0.0	0.0	0.0	0,0,0
3175	0.12	0.32	0.15	315,321,333	0.0	0.0	0.0	0,0,0
3176	0.03	0.23	0.04	302,305,333	0.0	0.0	0.0	0,0,0
3177	0.03	0.18	0.03	302,321,333	0.0	0.0	0.0	0,0,0
3178	0.04	0.14	0.03	322,305,333	0.0	0.0	0.0	0,0,0
3179	0.07	0.22	0.08	322,321,333	0.0	0.0	0.0	0,0,0
3180	0.07	0.21	0.08	322,321,333	0.0	0.0	0.0	0,0,0
3181	0.03	0.21	0.04	316,321,333	0.0	0.0	0.0	0,0,0
3182	0.02	0.17	0.03	316,321,333	0.0	0.0	0.0	0,0,0
3183	0.02	0.12	0.02	322,321,333	0.0	0.0	0.0	0,0,0
3184	0.04	0.16	0.04	322,321,333	0.0	0.0	0.0	0,0,0
3185	0.03	0.16	0.04	322,321,333	0.0	0.0	0.0	0,0,0
3186	0.03	0.19	0.04	316,321,333	0.0	0.0	0.0	0,0,0
3187	0.02	0.17	0.02	316,321,333	0.0	0.0	0.0	0,0,0
3188	0.02	0.12	0.02	305,321,334	0.0	0.0	0.0	0,0,0
3189	0.03	0.16	0.03	322,321,334	0.0	0.0	0.0	0,0,0
3190	0.03	0.16	0.03	322,321,334	0.0	0.0	0.0	0,0,0
3191	0.05	0.16	0.06	306,321,333	0.0	0.0	0.0	0,0,0
3192	0.04	0.23	0.05	302,321,333	0.0	0.0	0.0	0,0,0
3193	0.05	0.24	0.06	302,305,333	0.0	0.0	0.0	0,0,0
3194	0.03	0.16	0.04	302,321,333	0.0	0.0	0.0	0,0,0
3195	0.04	0.20	0.05	302,321,333	0.0	0.0	0.0	0,0,0
3196	0.06	0.23	0.07	316,321,333	0.0	0.0	0.0	0,0,0
3197	0.02	0.15	0.02	321,321,333	0.0	0.0	0.0	0,0,0
3198	0.03	0.18	0.04	302,321,333	0.0	0.0	0.0	0,0,0
3199	0.06	0.21	0.07	316,321,333	0.0	0.0	0.0	0,0,0
3200	0.03	0.20	0.04	316,321,333	0.0	0.0	0.0	0,0,0
3201	0.03	0.16	0.04	315,305,333	0.0	0.0	0.0	0,0,0
3202	0.05	0.20	0.07	316,321,333	0.0	0.0	0.0	0,0,0
3203	0.18	0.43	0.22	322,315,333	0.0	0.0	0.0	0,0,0
3204	0.19	0.52	0.23	315,321,333	0.0	0.0	0.0	0,0,0
3205	0.08	0.23	0.09	316,321,333	0.0	0.0	0.0	0,0,0
3206	0.02	0.10	0.03	322,305,334	0.0	0.0	0.0	0,0,0
3207	0.09	0.24	0.09	322,322,333	0.0	0.0	0.0	0,0,0
3208	0.10	0.33	0.11	322,322,333	0.0	0.0	0.0	0,0,0
3209	0.14	0.38	0.17	316,315,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3210	0.14	0.40	0.17	316,315,333	0.0	0.0	0.0	0,0,0
3211	0.08	0.24	0.09	316,321,333	0.0	0.0	0.0	0,0,0
3212	0.03	0.13	0.04	316,321,334	0.0	0.0	0.0	0,0,0
3213	0.03	0.16	0.04	302,321,333	0.0	0.0	0.0	0,0,0
3214	0.04	0.18	0.05	302,321,333	0.0	0.0	0.0	0,0,0
3215	0.11	0.33	0.14	316,315,333	0.0	0.0	0.0	0,0,0
3216	0.12	0.36	0.15	316,315,333	0.0	0.0	0.0	0,0,0
3217	0.07	0.24	0.09	316,321,333	0.0	0.0	0.0	0,0,0
3218	0.03	0.13	0.04	316,321,334	0.0	0.0	0.0	0,0,0
3219	0.03	0.16	0.04	316,321,333	0.0	0.0	0.0	0,0,0
3220	0.02	0.18	0.03	301,321,333	0.0	0.0	0.0	0,0,0
3221	0.14	0.37	0.17	316,321,333	0.0	0.0	0.0	0,0,0
3222	0.17	0.43	0.20	316,321,333	0.0	0.0	0.0	0,0,0
3223	0.07	0.26	0.09	316,321,334	0.0	0.0	0.0	0,0,0
3224	0.03	0.10	0.03	316,321,333	0.0	0.0	0.0	0,0,0
3225	0.05	0.33	0.07	316,321,333	0.0	0.0	0.0	0,0,0
3226	0.06	0.29	0.07	316,321,333	0.0	0.0	0.0	0,0,0
3227	0.04	0.24	0.05	302,305,333	0.0	0.0	0.0	0,0,0
3228	0.03	0.19	0.04	302,321,333	0.0	0.0	0.0	0,0,0
3229	0.07	0.17	0.04	322,322,333	0.0	0.0	0.0	0,0,0
3230	0.37	0.71	0.22	322,322,333	0.35	0.24	0.0	322,326,0
3231	0.30	0.72	0.30	321,322,333	0.39	0.34	0.0	322,326,0
3232	0.07	0.23	0.07	322,322,333	0.0	0.0	0.0	0,0,0
3233	0.04	0.26	0.05	302,321,333	0.0	0.0	0.0	0,0,0
3234	0.04	0.29	0.06	302,305,333	0.0	0.0	0.0	0,0,0
3235	0.34	0.62	0.27	322,322,333	0.28	0.23	0.0	322,326,0
3236	0.35	0.78	0.31	322,322,333	0.38	0.35	0.31	322,326,333
3237	0.06	0.20	0.07	322,321,334	0.0	0.0	0.0	0,0,0
3238	0.04	0.15	0.03	305,305,333	0.0	0.0	0.0	0,0,0
3239	0.28	0.68	0.20	322,322,333	0.41	0.0	0.0	322,0,0
3240	0.32	0.69	0.29	322,322,333	0.35	0.30	0.0	322,326,0
3241	0.16	0.48	0.20	302,301,333	0.0	0.0	0.0	0,0,0
3242	0.26	0.78	0.33	302,301,333	0.51	0.0	0.0	301,0,0
3243	0.15	0.46	0.19	302,301,333	0.0	0.0	0.0	0,0,0
3244	0.16	0.48	0.20	302,301,333	0.0	0.0	0.0	0,0,0
3245	0.20	0.60	0.25	301,301,333	0.0	0.0	0.0	0,0,0
3246	0.26	0.77	0.33	302,301,333	0.51	0.0	0.0	301,0,0
3247	0.06	0.19	0.07	301,305,333	0.0	0.0	0.0	0,0,0
3248	0.07	0.23	0.09	301,305,333	0.0	0.0	0.0	0,0,0
3249	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
3250	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
3251	0.05	0.16	0.06	307,305,334	0.0	0.0	0.0	0,0,0
3252	0.07	0.22	0.09	301,305,333	0.0	0.0	0.0	0,0,0
3253	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
3254	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
3255	0.04	0.14	0.05	315,321,334	0.0	0.0	0.0	0,0,0
3256	0.05	0.16	0.06	301,305,333	0.0	0.0	0.0	0,0,0
3257	0.03	0.10	0.04	307,313,334	0.0	0.0	0.0	0,0,0
3258	0.04	0.13	0.05	307,313,334	0.0	0.0	0.0	0,0,0
3259	0.04	0.15	0.05	320,321,334	0.0	0.0	0.0	0,0,0
3260	0.03	0.10	0.04	320,313,334	0.0	0.0	0.0	0,0,0
3261	0.06	0.18	0.07	320,321,334	0.0	0.0	0.0	0,0,0
3262	0.04	0.13	0.05	308,313,334	0.0	0.0	0.0	0,0,0
3263	0.08	0.23	0.09	320,319,334	0.0	0.0	0.0	0,0,0
3264	0.06	0.18	0.07	320,319,334	0.0	0.0	0.0	0,0,0
3265	0.11	0.34	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3266	0.10	0.29	0.12	316,315,334	0.0	0.0	0.0	0,0,0
3267	0.10	0.30	0.13	316,315,334	0.0	0.0	0.0	0,0,0
3268	0.08	0.24	0.10	316,315,334	0.0	0.0	0.0	0,0,0
3269	0.12	0.36	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3270	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3271	0.13	0.38	0.16	316,315,334	0.0	0.0	0.0	0,0,0
3272	0.12	0.34	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3273	0.11	0.32	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3274	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3275	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3276	0.13	0.39	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3277	0.14	0.40	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3278	0.14	0.40	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3279	0.08	0.26	0.10	315,315,333	0.0	0.0	0.0	0,0,0
3280	0.09	0.27	0.12	316,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3281	0.08	0.25	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3282	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3283	0.09	0.27	0.11	315,315,333	0.0	0.0	0.0	0,0,0
3284	0.09	0.27	0.11	307,307,334	0.0	0.0	0.0	0,0,0
3285	0.09	0.28	0.11	315,315,333	0.0	0.0	0.0	0,0,0
3286	0.09	0.28	0.11	315,315,333	0.0	0.0	0.0	0,0,0
3287	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3288	0.10	0.31	0.13	316,315,334	0.0	0.0	0.0	0,0,0
3289	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3290	0.10	0.31	0.13	316,315,334	0.0	0.0	0.0	0,0,0
3291	0.15	0.45	0.19	315,315,334	0.0	0.0	0.0	0,0,0
3292	0.15	0.44	0.19	315,315,334	0.0	0.0	0.0	0,0,0
3293	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3294	0.13	0.39	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3295	0.16	0.46	0.19	315,315,334	0.0	0.0	0.0	0,0,0
3296	0.15	0.45	0.19	315,315,334	0.0	0.0	0.0	0,0,0
3297	0.15	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3298	0.13	0.40	0.17	315,315,334	0.0	0.0	0.0	0,0,0
3299	0.15	0.45	0.19	315,315,334	0.0	0.0	0.0	0,0,0
3300	0.16	0.46	0.19	315,315,334	0.0	0.0	0.0	0,0,0
3301	0.15	0.45	0.19	316,315,334	0.0	0.0	0.0	0,0,0
3302	0.14	0.42	0.18	307,315,334	0.0	0.0	0.0	0,0,0
3303	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3304	0.16	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
3305	0.16	0.47	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3306	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3307	0.17	0.50	0.21	315,315,334	0.0	0.0	0.0	0,0,0
3308	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3309	0.18	0.53	0.22	315,315,334	0.0	0.0	0.0	0,0,0
3310	0.17	0.51	0.22	315,315,334	0.0	0.0	0.0	0,0,0
3311	0.18	0.55	0.23	307,315,334	0.0	0.0	0.0	0,0,0
3312	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3313	0.18	0.54	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3314	0.18	0.53	0.22	315,315,334	0.0	0.0	0.0	0,0,0
3315	0.19	0.56	0.23	307,315,334	0.0	0.0	0.0	0,0,0
3316	0.19	0.56	0.23	307,315,334	0.0	0.0	0.0	0,0,0
3317	0.18	0.54	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3318	0.19	0.56	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3319	0.18	0.54	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3320	0.19	0.56	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3321	0.18	0.53	0.22	315,315,334	0.0	0.0	0.0	0,0,0
3322	0.19	0.56	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3323	0.18	0.53	0.22	315,315,334	0.0	0.0	0.0	0,0,0
3324	0.19	0.56	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3325	0.19	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3326	0.19	0.57	0.24	315,307,334	0.0	0.0	0.0	0,0,0
3327	0.16	0.46	0.19	314,308,334	0.0	0.0	0.0	0,0,0
3328	0.20	0.57	0.24	301,301,333	0.0	0.0	0.0	0,0,0
3329	0.15	0.44	0.17	314,314,334	0.0	0.0	0.0	0,0,0
3330	0.14	0.41	0.16	305,305,333	0.0	0.0	0.0	0,0,0
3331	0.06	0.16	0.07	306,302,333	0.0	0.0	0.0	0,0,0
3333	0.09	0.28	0.09	305,305,333	0.0	0.0	0.0	0,0,0
3334	0.09	0.23	0.10	322,315,334	0.0	0.0	0.0	0,0,0
3335	0.07	0.23	0.08	322,322,334	0.0	0.0	0.0	0,0,0
3337	0.20	0.59	0.24	302,302,333	0.0	0.0	0.0	0,0,0
3338	0.10	0.31	0.12	313,313,334	0.0	0.0	0.0	0,0,0
3339	0.15	0.44	0.19	316,315,334	0.0	0.0	0.0	0,0,0
3340	0.37	0.74	0.43	305,305,333	0.40	0.36	0.36	322,331,334
3341	0.14	0.41	0.16	305,305,333	0.0	0.0	0.0	0,0,0
3343	0.02	0.05	0.02	307,313,334	0.0	0.0	0.0	0,0,0
3345	0.40	0.71	0.37	314,314,334	0.41	0.29	0.23	305,331,334
3346	0.15	0.41	0.17	314,314,334	0.0	0.0	0.0	0,0,0
3347	0.09	0.25	0.11	306,308,333	0.0	0.0	0.0	0,0,0
3348	0.05	0.17	0.06	315,321,334	0.0	0.0	0.0	0,0,0
3349	0.06	0.16	0.07	306,306,333	0.0	0.0	0.0	0,0,0
3350	0.07	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3351	0.07	0.23	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3352	0.07	0.23	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3353	0.07	0.21	0.08	315,321,334	0.0	0.0	0.0	0,0,0
3354	0.06	0.17	0.07	307,307,334	0.0	0.0	0.0	0,0,0
3355	0.06	0.18	0.07	315,321,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3356	0.07	0.20	0.08	315,321,334	0.0	0.0	0.0	0,0,0
3357	0.09	0.28	0.11	301,305,333	0.0	0.0	0.0	0,0,0
3358	0.18	0.52	0.22	301,301,333	0.0	0.0	0.0	0,0,0
3359	0.17	0.51	0.21	301,301,333	0.0	0.0	0.0	0,0,0
3360	0.13	0.40	0.16	301,305,333	0.0	0.0	0.0	0,0,0
3361	0.18	0.53	0.22	301,301,333	0.0	0.0	0.0	0,0,0
3362	0.12	0.36	0.15	315,315,334	0.0	0.0	0.0	0,0,0
3363	0.09	0.29	0.11	315,321,333	0.0	0.0	0.0	0,0,0
3364	0.06	0.20	0.07	315,321,333	0.0	0.0	0.0	0,0,0
3365	0.07	0.20	0.08	302,301,333	0.0	0.0	0.0	0,0,0
3366	0.13	0.38	0.16	302,301,333	0.0	0.0	0.0	0,0,0
3367	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3368	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3369	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
3370	0.44	0.72	0.46	306,302,333	0.37	0.32	0.20	313,330,333
3371	0.27	0.73	0.33	302,302,333	0.44	0.42	0.41	301,323,333
3372	0.16	0.49	0.21	302,301,333	0.0	0.0	0.0	0,0,0
3373	0.11	0.32	0.14	308,307,334	0.0	0.0	0.0	0,0,0
3374	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
3375	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3376	0.40	0.80	0.50	301,301,333	0.46	0.43	0.42	301,325,333
3377	0.21	0.62	0.26	301,301,333	0.0	0.0	0.0	0,0,0
3378	0.30	0.80	0.37	302,301,333	0.50	0.48	0.47	301,323,333
3379	0.05	0.16	0.06	308,313,334	0.0	0.0	0.0	0,0,0
3380	0.06	0.20	0.08	301,305,333	0.0	0.0	0.0	0,0,0
3381	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
3382	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
3383	0.04	0.13	0.05	302,305,333	0.0	0.0	0.0	0,0,0
3384	0.04	0.15	0.06	308,313,334	0.0	0.0	0.0	0,0,0
3385	0.04	0.14	0.05	308,313,334	0.0	0.0	0.0	0,0,0
3386	0.05	0.15	0.06	308,313,334	0.0	0.0	0.0	0,0,0
3387	0.05	0.18	0.07	307,313,334	0.0	0.0	0.0	0,0,0
3388	0.10	0.29	0.12	316,315,334	0.0	0.0	0.0	0,0,0
3389	0.07	0.22	0.09	316,315,334	0.0	0.0	0.0	0,0,0
3390	0.14	0.41	0.18	316,315,334	0.0	0.0	0.0	0,0,0
3391	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3392	0.16	0.46	0.20	316,315,334	0.0	0.0	0.0	0,0,0
3393	0.16	0.46	0.20	316,315,334	0.0	0.0	0.0	0,0,0
3394	0.16	0.45	0.19	316,315,334	0.0	0.0	0.0	0,0,0
3395	0.11	0.32	0.13	315,315,334	0.0	0.0	0.0	0,0,0
3396	0.15	0.44	0.19	316,315,334	0.0	0.0	0.0	0,0,0
3397	0.08	0.23	0.09	307,307,334	0.0	0.0	0.0	0,0,0
3398	0.08	0.25	0.10	301,301,333	0.0	0.0	0.0	0,0,0
3399	0.12	0.35	0.15	316,315,334	0.0	0.0	0.0	0,0,0
3400	0.10	0.30	0.12	316,315,333	0.0	0.0	0.0	0,0,0
3401	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3402	0.16	0.47	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3403	0.15	0.45	0.19	315,315,334	0.0	0.0	0.0	0,0,0
3404	0.14	0.41	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3405	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3406	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3407	0.16	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3408	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3409	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3410	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3411	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3412	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3413	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3414	0.19	0.56	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3415	0.19	0.56	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3416	0.19	0.56	0.23	315,315,334	0.0	0.0	0.0	0,0,0
3417	0.15	0.47	0.15	313,313,334	0.0	0.0	0.0	0,0,0
3418	0.36	0.77	0.41	314,314,334	0.36	0.33	0.29	314,331,334
3419	0.30	0.72	0.37	302,301,333	0.44	0.34	0.33	301,325,333
3420	0.07	0.21	0.08	313,313,334	0.0	0.0	0.0	0,0,0
3421	0.16	0.37	0.19	314,320,334	0.0	0.0	0.0	0,0,0
3422	0.07	0.22	0.09	320,319,334	0.0	0.0	0.0	0,0,0
3423	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3424	0.07	0.31	0.07	305,305,333	0.0	0.0	0.0	0,0,0
3425	0.04	0.27	0.04	305,305,333	0.0	0.0	0.0	0,0,0
3426	0.05	0.16	0.06	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3427	0.06	0.20	0.08	315,315,334	0.0	0.0	0.0	0,0,0
3428	0.07	0.21	0.08	322,320,334	0.0	0.0	0.0	0,0,0
3429	0.05	0.16	0.06	322,320,334	0.0	0.0	0.0	0,0,0
3430	0.11	0.31	0.13	316,316,334	0.0	0.0	0.0	0,0,0
3431	0.18	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3432	0.01	0.17	0.01	322,321,334	0.0	0.0	0.0	0,0,0
3433	0.10	0.30	0.10	305,305,333	0.0	0.0	0.0	0,0,0
3434	0.08	0.25	0.10	315,321,334	0.0	0.0	0.0	0,0,0
3435	0.24	0.50	0.29	316,316,333	0.23	0.21	0.21	316,326,333
3436	0.04	0.12	0.04	322,322,334	0.0	0.0	0.0	0,0,0
3437	0.04	0.12	0.05	314,308,334	0.0	0.0	0.0	0,0,0
3438	0.06	0.18	0.07	302,302,333	0.0	0.0	0.0	0,0,0
3439	0.11	0.35	0.13	316,316,334	0.0	0.0	0.0	0,0,0
3440	3.86e-03	0.18	2.52e-03	322,321,333	0.0	0.0	0.0	0,0,0
3441	0.01	0.24	8.75e-03	314,321,334	0.0	0.0	0.0	0,0,0
3442	0.32	0.69	0.38	316,316,333	0.33	0.33	0.32	316,326,333
3443	0.13	0.39	0.16	307,313,334	0.0	0.0	0.0	0,0,0
3444	0.03	0.09	0.03	322,322,334	0.0	0.0	0.0	0,0,0
3445	0.07	0.21	0.09	316,315,334	0.0	0.0	0.0	0,0,0
3446	0.09	0.28	0.11	315,321,333	0.0	0.0	0.0	0,0,0
3447	0.08	0.24	0.09	322,316,334	0.0	0.0	0.0	0,0,0
3448	0.20	0.55	0.24	314,308,334	0.0	0.0	0.0	0,0,0
3449	0.02	0.05	0.02	313,313,334	0.0	0.0	0.0	0,0,0
3451	0.05	0.16	0.06	305,305,333	0.0	0.0	0.0	0,0,0
3452	0.02	0.06	0.02	315,315,334	0.0	0.0	0.0	0,0,0
3454	0.11	0.31	0.13	315,315,334	0.0	0.0	0.0	0,0,0
3456	0.03	0.09	0.04	316,316,334	0.0	0.0	0.0	0,0,0
3457	0.02	0.17	0.01	314,321,334	0.0	0.0	0.0	0,0,0
3458	0.02	0.13	0.03	322,305,333	0.0	0.0	0.0	0,0,0
3461	0.13	0.37	0.16	316,315,334	0.0	0.0	0.0	0,0,0
3462	0.04	0.12	0.04	322,321,334	0.0	0.0	0.0	0,0,0
3463	0.13	0.37	0.15	315,321,333	0.0	0.0	0.0	0,0,0
3464	0.17	0.49	0.21	316,315,333	0.0	0.0	0.0	0,0,0
3466	0.12	0.30	0.13	306,316,333	0.0	0.0	0.0	0,0,0
3467	0.09	0.25	0.10	321,321,333	0.0	0.0	0.0	0,0,0
3469	0.06	0.18	0.07	306,306,333	0.0	0.0	0.0	0,0,0
3470	0.05	0.13	0.05	306,306,333	0.0	0.0	0.0	0,0,0
3471	0.11	0.31	0.13	315,315,334	0.0	0.0	0.0	0,0,0
3472	0.06	0.18	0.07	315,321,334	0.0	0.0	0.0	0,0,0
3473	0.05	0.13	0.05	306,306,333	0.0	0.0	0.0	0,0,0
3474	0.06	0.20	0.08	315,321,334	0.0	0.0	0.0	0,0,0
3475	0.05	0.15	0.05	315,321,334	0.0	0.0	0.0	0,0,0
3476	0.07	0.21	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3477	0.10	0.29	0.12	321,321,333	0.0	0.0	0.0	0,0,0
3478	0.07	0.21	0.08	315,321,333	0.0	0.0	0.0	0,0,0
3479	0.07	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3480	0.07	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3481	0.07	0.21	0.08	315,321,334	0.0	0.0	0.0	0,0,0
3482	0.06	0.18	0.07	316,321,334	0.0	0.0	0.0	0,0,0
3483	0.07	0.21	0.08	316,321,334	0.0	0.0	0.0	0,0,0
3484	0.07	0.21	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3485	0.07	0.21	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3486	0.06	0.17	0.07	316,321,334	0.0	0.0	0.0	0,0,0
3487	0.07	0.20	0.09	316,321,334	0.0	0.0	0.0	0,0,0
3488	0.07	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3489	0.07	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
3490	0.07	0.20	0.08	307,307,334	0.0	0.0	0.0	0,0,0
3491	0.06	0.18	0.07	307,313,334	0.0	0.0	0.0	0,0,0
3492	0.06	0.18	0.07	315,321,334	0.0	0.0	0.0	0,0,0
3493	0.07	0.21	0.08	307,313,334	0.0	0.0	0.0	0,0,0
3494	0.06	0.18	0.07	307,313,334	0.0	0.0	0.0	0,0,0
3495	0.05	0.15	0.06	313,313,334	0.0	0.0	0.0	0,0,0
3496	0.07	0.21	0.08	307,313,333	0.0	0.0	0.0	0,0,0
3497	0.06	0.17	0.07	313,313,334	0.0	0.0	0.0	0,0,0
3498	0.05	0.15	0.06	313,313,334	0.0	0.0	0.0	0,0,0
3499	0.08	0.26	0.10	301,305,333	0.0	0.0	0.0	0,0,0
3500	0.08	0.24	0.10	307,305,333	0.0	0.0	0.0	0,0,0
3501	0.09	0.27	0.11	302,307,333	0.0	0.0	0.0	0,0,0
3502	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
3503	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
3504	0.12	0.35	0.14	301,305,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3505	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
3506	0.11	0.32	0.13	301,301,333	0.0	0.0	0.0	0,0,0
3507	0.10	0.30	0.12	301,305,333	0.0	0.0	0.0	0,0,0
3508	0.09	0.27	0.11	302,301,333	0.0	0.0	0.0	0,0,0
3509	0.10	0.29	0.12	302,307,333	0.0	0.0	0.0	0,0,0
3510	0.10	0.29	0.12	302,307,333	0.0	0.0	0.0	0,0,0
3511	0.13	0.39	0.16	301,301,333	0.0	0.0	0.0	0,0,0
3512	0.09	0.28	0.12	302,301,333	0.0	0.0	0.0	0,0,0
3513	0.09	0.25	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3514	0.12	0.35	0.14	315,315,334	0.0	0.0	0.0	0,0,0
3515	0.09	0.28	0.11	315,321,333	0.0	0.0	0.0	0,0,0
3516	0.06	0.20	0.08	315,321,334	0.0	0.0	0.0	0,0,0
3517	0.05	0.15	0.06	320,319,334	0.0	0.0	0.0	0,0,0
3518	0.09	0.28	0.12	302,301,333	0.0	0.0	0.0	0,0,0
3519	0.11	0.34	0.14	315,315,334	0.0	0.0	0.0	0,0,0
3520	0.09	0.28	0.11	315,321,334	0.0	0.0	0.0	0,0,0
3521	0.06	0.20	0.08	307,321,334	0.0	0.0	0.0	0,0,0
3522	0.07	0.20	0.09	307,307,334	0.0	0.0	0.0	0,0,0
3523	0.08	0.22	0.09	307,307,334	0.0	0.0	0.0	0,0,0
3524	0.11	0.33	0.13	315,315,334	0.0	0.0	0.0	0,0,0
3525	0.09	0.27	0.11	307,321,334	0.0	0.0	0.0	0,0,0
3526	0.08	0.23	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3527	0.08	0.23	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3528	0.08	0.24	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3529	0.13	0.40	0.16	315,315,334	0.0	0.0	0.0	0,0,0
3530	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3531	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3532	0.13	0.38	0.16	315,315,334	0.0	0.0	0.0	0,0,0
3533	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
3534	0.14	0.41	0.17	315,307,334	0.0	0.0	0.0	0,0,0
3535	0.12	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
3536	0.13	0.39	0.16	315,307,334	0.0	0.0	0.0	0,0,0
3537	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
3538	0.46	0.79	0.46	313,301,334	0.50	0.47	0.46	301,325,333
3539	0.28	0.75	0.34	301,301,333	0.45	0.42	0.41	301,325,333
3540	0.17	0.50	0.21	301,301,333	0.0	0.0	0.0	0,0,0
3541	0.11	0.34	0.14	308,307,334	0.0	0.0	0.0	0,0,0
3542	0.14	0.41	0.17	315,315,334	0.0	0.0	0.0	0,0,0
3543	0.14	0.42	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3544	0.24	0.69	0.29	301,301,333	0.0	0.0	0.0	0,0,0
3545	0.21	0.63	0.26	301,301,333	0.0	0.0	0.0	0,0,0
3546	0.15	0.44	0.18	301,301,333	0.0	0.0	0.0	0,0,0
3547	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
3548	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
3549	0.14	0.41	0.17	315,307,334	0.0	0.0	0.0	0,0,0
3550	0.12	0.38	0.15	301,305,333	0.0	0.0	0.0	0,0,0
3551	0.12	0.38	0.15	301,305,333	0.0	0.0	0.0	0,0,0
3552	0.12	0.36	0.15	308,307,334	0.0	0.0	0.0	0,0,0
3553	0.13	0.39	0.17	307,307,334	0.0	0.0	0.0	0,0,0
3554	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
3555	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
3556	0.46	0.68	0.46	313,301,334	0.29	0.26	0.24	306,326,333
3557	0.22	0.68	0.27	301,305,333	0.0	0.0	0.0	0,0,0
3558	0.11	0.35	0.13	301,305,333	0.0	0.0	0.0	0,0,0
3559	0.21	0.62	0.26	301,301,333	0.0	0.0	0.0	0,0,0
3560	0.31	0.77	0.37	301,301,333	0.42	0.40	0.39	301,325,333
3561	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
3562	0.17	0.49	0.20	301,301,333	0.0	0.0	0.0	0,0,0
3563	0.06	0.18	0.07	301,305,333	0.0	0.0	0.0	0,0,0
3564	0.08	0.27	0.10	301,305,333	0.0	0.0	0.0	0,0,0
3565	0.06	0.19	0.07	308,313,334	0.0	0.0	0.0	0,0,0
3566	0.06	0.19	0.07	308,313,334	0.0	0.0	0.0	0,0,0
3567	0.09	0.28	0.11	301,301,333	0.0	0.0	0.0	0,0,0
3568	0.14	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
3569	0.07	0.23	0.09	308,313,334	0.0	0.0	0.0	0,0,0
3570	0.07	0.22	0.09	308,313,334	0.0	0.0	0.0	0,0,0
3571	0.07	0.20	0.08	301,301,333	0.0	0.0	0.0	0,0,0
3572	0.10	0.30	0.12	301,301,333	0.0	0.0	0.0	0,0,0
3573	0.08	0.26	0.10	307,313,334	0.0	0.0	0.0	0,0,0
3574	0.08	0.25	0.10	308,307,334	0.0	0.0	0.0	0,0,0
3575	0.07	0.23	0.09	308,313,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3576	0.06	0.18	0.07	308,313,334	0.0	0.0	0.0	0,0,0
3577	0.06	0.18	0.07	302,313,333	0.0	0.0	0.0	0,0,0
3578	0.06	0.19	0.07	308,313,334	0.0	0.0	0.0	0,0,0
3579	0.07	0.23	0.09	308,313,334	0.0	0.0	0.0	0,0,0
3580	0.07	0.23	0.09	308,313,334	0.0	0.0	0.0	0,0,0
3581	0.08	0.25	0.10	307,313,334	0.0	0.0	0.0	0,0,0
3582	0.08	0.26	0.10	307,313,334	0.0	0.0	0.0	0,0,0
3583	0.05	0.18	0.07	308,313,334	0.0	0.0	0.0	0,0,0
3584	0.07	0.22	0.08	307,313,334	0.0	0.0	0.0	0,0,0
3585	0.07	0.24	0.09	307,313,334	0.0	0.0	0.0	0,0,0
3586	0.05	0.18	0.07	307,313,334	0.0	0.0	0.0	0,0,0
3587	0.06	0.21	0.08	307,313,334	0.0	0.0	0.0	0,0,0
3588	0.07	0.22	0.09	307,313,334	0.0	0.0	0.0	0,0,0
3589	0.05	0.18	0.07	307,313,334	0.0	0.0	0.0	0,0,0
3590	0.06	0.20	0.07	307,313,334	0.0	0.0	0.0	0,0,0
3591	0.06	0.20	0.07	307,313,334	0.0	0.0	0.0	0,0,0
3592	0.10	0.29	0.12	316,315,334	0.0	0.0	0.0	0,0,0
3593	0.07	0.21	0.09	316,315,333	0.0	0.0	0.0	0,0,0
3594	0.10	0.30	0.13	316,315,333	0.0	0.0	0.0	0,0,0
3595	0.08	0.22	0.09	302,301,333	0.0	0.0	0.0	0,0,0
3596	0.11	0.31	0.14	302,301,333	0.0	0.0	0.0	0,0,0
3597	0.08	0.24	0.10	302,301,333	0.0	0.0	0.0	0,0,0
3598	0.16	0.44	0.19	316,315,334	0.0	0.0	0.0	0,0,0
3599	0.13	0.37	0.16	316,315,334	0.0	0.0	0.0	0,0,0
3600	0.16	0.46	0.20	316,315,334	0.0	0.0	0.0	0,0,0
3601	0.13	0.38	0.16	316,315,333	0.0	0.0	0.0	0,0,0
3602	0.16	0.46	0.20	316,315,333	0.0	0.0	0.0	0,0,0
3603	0.14	0.39	0.17	302,301,333	0.0	0.0	0.0	0,0,0
3604	0.21	0.60	0.26	316,316,334	0.0	0.0	0.0	0,0,0
3605	0.21	0.59	0.26	316,316,334	0.0	0.0	0.0	0,0,0
3606	0.18	0.52	0.23	316,316,334	0.0	0.0	0.0	0,0,0
3607	0.29	0.76	0.36	316,315,334	0.45	0.43	0.42	315,327,334
3608	0.26	0.71	0.32	316,316,334	0.45	0.0	0.0	316,0,0
3609	0.20	0.57	0.25	316,316,334	0.0	0.0	0.0	0,0,0
3610	0.33	0.79	0.41	308,316,334	0.46	0.44	0.43	315,325,333
3611	0.26	0.71	0.32	316,316,334	0.44	0.0	0.0	316,0,0
3612	0.20	0.57	0.25	316,316,334	0.0	0.0	0.0	0,0,0
3613	0.15	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
3614	0.21	0.60	0.26	316,315,334	0.0	0.0	0.0	0,0,0
3615	0.19	0.57	0.24	301,315,333	0.0	0.0	0.0	0,0,0
3616	0.29	0.79	0.37	316,315,334	0.47	0.45	0.45	315,327,334
3617	0.22	0.64	0.27	301,301,333	0.0	0.0	0.0	0,0,0
3618	0.36	0.80	0.44	315,313,334	0.49	0.46	0.46	305,327,334
3619	0.07	0.21	0.08	301,305,333	0.0	0.0	0.0	0,0,0
3620	0.09	0.28	0.11	301,305,333	0.0	0.0	0.0	0,0,0
3621	0.11	0.35	0.14	301,301,333	0.0	0.0	0.0	0,0,0
3622	0.07	0.22	0.09	301,301,333	0.0	0.0	0.0	0,0,0
3623	0.06	0.18	0.07	302,301,333	0.0	0.0	0.0	0,0,0
3624	0.07	0.21	0.08	316,305,333	0.0	0.0	0.0	0,0,0
3625	0.12	0.36	0.16	316,315,334	0.0	0.0	0.0	0,0,0
3626	0.10	0.28	0.12	316,315,334	0.0	0.0	0.0	0,0,0
3627	0.13	0.39	0.17	316,315,334	0.0	0.0	0.0	0,0,0
3628	0.10	0.29	0.12	316,315,334	0.0	0.0	0.0	0,0,0
3629	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
3630	0.11	0.32	0.14	316,315,334	0.0	0.0	0.0	0,0,0
3631	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3632	0.17	0.50	0.21	315,315,334	0.0	0.0	0.0	0,0,0
3633	0.16	0.47	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3634	0.14	0.42	0.18	316,315,334	0.0	0.0	0.0	0,0,0
3635	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3636	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3637	0.17	0.49	0.21	315,315,334	0.0	0.0	0.0	0,0,0
3638	0.15	0.45	0.19	316,315,334	0.0	0.0	0.0	0,0,0
3639	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3640	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3641	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3642	0.16	0.48	0.20	315,315,334	0.0	0.0	0.0	0,0,0
3643	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3644	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3645	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3646	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3647	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3648	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3649	0.19	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3650	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3651	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3652	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3653	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3654	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3655	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3656	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3657	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3658	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3659	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3660	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3661	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3662	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3663	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3664	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3665	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3666	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3667	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3668	0.16	0.49	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3669	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3670	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3671	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3672	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3673	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3674	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3675	0.15	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
3676	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3677	0.17	0.52	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3678	0.15	0.44	0.18	307,307,334	0.0	0.0	0.0	0,0,0
3679	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3680	0.19	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3681	0.19	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3682	0.21	0.59	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3683	0.17	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3684	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3685	0.16	0.49	0.20	302,301,333	0.0	0.0	0.0	0,0,0
3686	0.14	0.44	0.18	315,307,334	0.0	0.0	0.0	0,0,0
3687	0.14	0.43	0.18	315,307,334	0.0	0.0	0.0	0,0,0
3688	0.06	0.18	0.07	302,301,333	0.0	0.0	0.0	0,0,0
3689	0.06	0.21	0.08	313,313,334	0.0	0.0	0.0	0,0,0
3690	0.09	0.29	0.11	315,315,333	0.0	0.0	0.0	0,0,0
3691	0.12	0.41	0.14	305,305,333	0.0	0.0	0.0	0,0,0
3692	0.14	0.43	0.18	308,307,334	0.0	0.0	0.0	0,0,0
3693	0.10	0.30	0.12	301,315,333	0.0	0.0	0.0	0,0,0
3694	0.16	0.50	0.20	301,313,333	0.0	0.0	0.0	0,0,0
3695	0.17	0.52	0.20	301,313,333	0.0	0.0	0.0	0,0,0
3696	0.14	0.45	0.17	305,305,333	0.0	0.0	0.0	0,0,0
3697	0.31	0.70	0.37	307,313,334	0.35	0.33	0.31	313,330,334
3698	0.12	0.40	0.14	305,305,333	0.0	0.0	0.0	0,0,0
3699	0.31	0.79	0.39	301,301,333	0.43	0.42	0.41	301,323,333
3700	0.16	0.53	0.16	313,313,334	0.0	0.0	0.0	0,0,0
3701	0.19	0.58	0.24	301,307,333	0.0	0.0	0.0	0,0,0
3702	0.19	0.57	0.23	301,307,333	0.0	0.0	0.0	0,0,0
3703	0.14	0.44	0.18	307,315,334	0.0	0.0	0.0	0,0,0
3704	0.11	0.32	0.13	308,308,334	0.0	0.0	0.0	0,0,0
3705	0.11	0.32	0.12	313,313,334	0.0	0.0	0.0	0,0,0
3706	0.24	0.70	0.28	313,313,334	0.0	0.0	0.0	0,0,0
3707	0.20	0.58	0.25	308,308,334	0.0	0.0	0.0	0,0,0
3708	0.13	0.38	0.16	308,308,334	0.0	0.0	0.0	0,0,0
3709	0.37	0.75	0.45	307,307,334	0.46	0.41	0.38	322,331,334
3710	0.29	0.74	0.36	308,308,334	0.42	0.40	0.39	308,331,334
3711	0.17	0.50	0.21	308,308,334	0.0	0.0	0.0	0,0,0
3712	0.16	0.46	0.19	305,305,333	0.0	0.0	0.0	0,0,0
3713	0.17	0.50	0.20	306,316,333	0.0	0.0	0.0	0,0,0
3714	0.15	0.45	0.18	322,313,334	0.0	0.0	0.0	0,0,0
3715	0.58	0.74	0.69	314,314,334	0.34	0.33	0.33	314,327,334
3716	0.16	0.46	0.19	305,305,333	0.0	0.0	0.0	0,0,0
3717	0.17	0.49	0.20	308,308,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3718	0.13	0.42	0.15	313,313,334	0.0	0.0	0.0	0,0,0
3719	0.15	0.45	0.18	313,313,334	0.0	0.0	0.0	0,0,0
3720	0.16	0.49	0.20	307,313,334	0.0	0.0	0.0	0,0,0
3721	0.22	0.63	0.25	313,313,333	0.0	0.0	0.0	0,0,0
3722	0.16	0.45	0.18	306,306,333	0.0	0.0	0.0	0,0,0
3723	0.15	0.47	0.19	307,313,334	0.0	0.0	0.0	0,0,0
3724	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3725	0.17	0.50	0.20	307,313,334	0.0	0.0	0.0	0,0,0
3726	0.16	0.48	0.19	307,313,334	0.0	0.0	0.0	0,0,0
3727	0.17	0.51	0.21	307,313,334	0.0	0.0	0.0	0,0,0
3728	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3729	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3730	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3731	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3732	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3733	0.19	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3734	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3735	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3736	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3737	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3738	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3739	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3740	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3741	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3742	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3743	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3744	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3745	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3746	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3747	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3748	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3749	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3750	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3751	0.15	0.45	0.19	308,307,334	0.0	0.0	0.0	0,0,0
3752	0.14	0.41	0.17	308,307,334	0.0	0.0	0.0	0,0,0
3753	0.12	0.36	0.15	308,307,334	0.0	0.0	0.0	0,0,0
3754	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3755	0.17	0.49	0.21	308,307,334	0.0	0.0	0.0	0,0,0
3756	0.15	0.45	0.19	308,307,334	0.0	0.0	0.0	0,0,0
3757	0.12	0.34	0.15	308,307,334	0.0	0.0	0.0	0,0,0
3758	0.10	0.29	0.12	308,308,334	0.0	0.0	0.0	0,0,0
3759	0.08	0.25	0.10	308,305,333	0.0	0.0	0.0	0,0,0
3762	0.11	0.26	0.09	321,321,334	0.0	0.0	0.0	0,0,0
3763	0.08	0.28	0.11	316,321,334	0.0	0.0	0.0	0,0,0
3764	0.09	0.30	0.11	315,321,334	0.0	0.0	0.0	0,0,0
3765	0.09	0.30	0.11	315,321,334	0.0	0.0	0.0	0,0,0
3766	0.08	0.28	0.10	315,321,334	0.0	0.0	0.0	0,0,0
3767	0.02	0.21	0.02	322,305,333	0.0	0.0	0.0	0,0,0
3768	0.02	0.23	0.02	314,305,333	0.0	0.0	0.0	0,0,0
3769	0.03	0.24	0.03	314,305,334	0.0	0.0	0.0	0,0,0
3770	0.05	0.25	0.06	322,305,334	0.0	0.0	0.0	0,0,0
3771	0.05	0.23	0.03	313,321,333	0.0	0.0	0.0	0,0,0
3772	0.11	0.27	0.12	322,315,333	0.0	0.0	0.0	0,0,0
3773	0.07	0.24	0.08	321,321,334	0.0	0.0	0.0	0,0,0
3774	0.12	0.32	0.11	306,306,333	0.0	0.0	0.0	0,0,0
3775	0.19	0.53	0.17	306,306,333	0.0	0.0	0.0	0,0,0
3792	0.03	0.10	0.04	322,321,333	0.0	0.0	0.0	0,0,0
3793	0.06	0.18	0.07	316,321,333	0.0	0.0	0.0	0,0,0
3794	0.05	0.18	0.07	301,305,333	0.0	0.0	0.0	0,0,0
3795	0.05	0.18	0.07	301,305,333	0.0	0.0	0.0	0,0,0
3796	0.05	0.17	0.07	301,305,333	0.0	0.0	0.0	0,0,0
3797	0.04	0.15	0.05	301,305,333	0.0	0.0	0.0	0,0,0
3798	0.23	0.61	0.21	322,322,333	0.0	0.0	0.0	0,0,0
3799	0.05	0.17	0.06	322,305,333	0.0	0.0	0.0	0,0,0
3800	0.24	0.58	0.17	306,306,333	0.17	0.0	0.0	306,0,0
3801	0.07	0.20	0.08	306,305,333	0.0	0.0	0.0	0,0,0
3802	0.08	0.21	0.10	302,305,333	0.0	0.0	0.0	0,0,0
3803	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
3804	0.09	0.27	0.12	316,321,333	0.0	0.0	0.0	0,0,0
3805	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
3806	0.10	0.31	0.13	315,321,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3807	0.15	0.37	0.16	322,322,333	0.0	0.0	0.0	0,0,0
3808	0.09	0.27	0.11	321,321,333	0.0	0.0	0.0	0,0,0
3809	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
3812	0.14	0.40	0.16	321,321,333	0.0	0.0	0.0	0,0,0
3813	0.05	0.12	0.05	306,302,333	0.0	0.0	0.0	0,0,0
3814	0.12	0.33	0.14	320,321,333	0.0	0.0	0.0	0,0,0
3815	0.12	0.33	0.14	320,319,333	0.0	0.0	0.0	0,0,0
3816	0.07	0.20	0.07	321,321,334	0.0	0.0	0.0	0,0,0
3817	0.09	0.25	0.10	321,321,333	0.0	0.0	0.0	0,0,0
3818	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
3819	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
3820	0.14	0.35	0.14	306,306,333	0.0	0.0	0.0	0,0,0
3823	0.20	0.55	0.18	321,321,333	0.0	0.0	0.0	0,0,0
3824	0.10	0.27	0.10	321,321,333	0.0	0.0	0.0	0,0,0
3825	0.09	0.25	0.10	321,321,333	0.0	0.0	0.0	0,0,0
3826	0.07	0.20	0.08	321,321,333	0.0	0.0	0.0	0,0,0
3827	0.11	0.31	0.13	321,321,333	0.0	0.0	0.0	0,0,0
3828	0.11	0.31	0.12	321,321,333	0.0	0.0	0.0	0,0,0
3829	0.09	0.24	0.10	305,321,333	0.0	0.0	0.0	0,0,0
3830	0.16	0.40	0.16	321,321,333	0.0	0.0	0.0	0,0,0
3832	0.38	0.64	0.26	322,322,333	0.26	0.18	0.0	322,326,0
3833	0.18	0.45	0.14	322,322,333	0.0	0.0	0.0	0,0,0
3834	0.11	0.28	0.10	322,322,333	0.0	0.0	0.0	0,0,0
3835	0.09	0.25	0.09	321,321,333	0.0	0.0	0.0	0,0,0
3836	0.04	0.24	0.05	302,321,333	0.0	0.0	0.0	0,0,0
3837	0.03	0.20	0.04	316,321,333	0.0	0.0	0.0	0,0,0
3838	0.03	0.17	0.03	316,321,333	0.0	0.0	0.0	0,0,0
3839	0.24	0.62	0.24	305,305,333	0.0	0.0	0.0	0,0,0
3840	0.38	0.74	0.24	321,305,333	0.35	0.24	0.0	305,325,0
3841	0.06	0.17	0.06	305,305,333	0.0	0.0	0.0	0,0,0
3842	0.04	0.23	0.05	302,305,333	0.0	0.0	0.0	0,0,0
3843	0.04	0.26	0.05	302,305,333	0.0	0.0	0.0	0,0,0
3844	0.25	0.64	0.26	313,321,333	0.37	0.0	0.0	321,0,0
3845	0.29	0.77	0.29	321,305,333	0.41	0.34	0.0	305,325,0
3846	0.05	0.20	0.05	305,321,334	0.0	0.0	0.0	0,0,0
3847	0.04	0.14	0.04	305,305,333	0.0	0.0	0.0	0,0,0
3848	0.18	0.42	0.17	305,305,333	0.0	0.0	0.0	0,0,0
3849	0.35	0.66	0.25	305,305,333	0.35	0.0	0.0	305,0,0
3850	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3851	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3852	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3853	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3854	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3855	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3856	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3857	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3858	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3859	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3860	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3861	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3862	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3863	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3864	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3865	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3866	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3867	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3868	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3869	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3870	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3871	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3872	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3873	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3874	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3875	0.20	0.59	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3876	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3877	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3878	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3879	0.19	0.57	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3880	0.20	0.61	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3881	0.21	0.62	0.26	307,307,334	0.0	0.0	0.0	0,0,0
3882	0.15	0.48	0.19	307,313,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3883	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
3884	0.20	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3885	0.20	0.61	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3886	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3887	0.17	0.52	0.22	308,307,334	0.0	0.0	0.0	0,0,0
3888	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3889	0.17	0.49	0.21	308,307,334	0.0	0.0	0.0	0,0,0
3890	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
3891	0.16	0.47	0.20	308,307,334	0.0	0.0	0.0	0,0,0
3892	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3893	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3894	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3895	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
3896	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3897	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3898	0.20	0.60	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3899	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3900	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3901	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3902	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3903	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
3904	0.06	0.17	0.07	316,321,334	0.0	0.0	0.0	0,0,0
3905	0.07	0.20	0.09	316,315,334	0.0	0.0	0.0	0,0,0
3906	0.08	0.23	0.10	315,315,334	0.0	0.0	0.0	0,0,0
3907	0.10	0.29	0.12	315,321,333	0.0	0.0	0.0	0,0,0
3910	0.12	0.40	0.14	305,305,333	0.0	0.0	0.0	0,0,0
3912	0.06	0.20	0.07	321,321,334	0.0	0.0	0.0	0,0,0
3913	0.21	0.59	0.25	301,301,333	0.0	0.0	0.0	0,0,0
3914	0.04	0.18	0.05	322,315,334	0.0	0.0	0.0	0,0,0
3915	0.11	0.31	0.13	315,315,334	0.0	0.0	0.0	0,0,0
3917	0.13	0.37	0.16	308,307,334	0.0	0.0	0.0	0,0,0
3918	0.12	0.33	0.15	308,308,334	0.0	0.0	0.0	0,0,0
3919	0.04	0.14	0.05	307,313,334	0.0	0.0	0.0	0,0,0
3920	0.06	0.22	0.07	322,305,334	0.0	0.0	0.0	0,0,0
3921	0.02	0.16	0.03	301,305,333	0.0	0.0	0.0	0,0,0
3922	0.10	0.29	0.13	308,308,334	0.0	0.0	0.0	0,0,0
3925	0.05	0.15	0.06	305,305,334	0.0	0.0	0.0	0,0,0
3927	0.07	0.20	0.09	308,308,334	0.0	0.0	0.0	0,0,0
3928	0.06	0.17	0.07	308,308,334	0.0	0.0	0.0	0,0,0
3931	0.09	0.27	0.11	308,307,334	0.0	0.0	0.0	0,0,0
3932	0.05	0.16	0.07	307,313,334	0.0	0.0	0.0	0,0,0
3933	0.04	0.13	0.05	313,313,334	0.0	0.0	0.0	0,0,0
3934	0.12	0.35	0.15	315,307,334	0.0	0.0	0.0	0,0,0
3935	0.07	0.20	0.08	307,313,334	0.0	0.0	0.0	0,0,0
3936	0.04	0.12	0.05	307,313,334	0.0	0.0	0.0	0,0,0
3937	0.13	0.38	0.16	315,315,333	0.0	0.0	0.0	0,0,0
3938	0.08	0.24	0.10	301,305,333	0.0	0.0	0.0	0,0,0
3939	0.08	0.22	0.10	315,315,334	0.0	0.0	0.0	0,0,0
3940	0.12	0.34	0.15	308,307,334	0.0	0.0	0.0	0,0,0
3941	0.17	0.49	0.21	316,308,334	0.0	0.0	0.0	0,0,0
3942	0.27	0.73	0.34	315,316,334	0.45	0.43	0.43	316,327,334
3943	0.09	0.27	0.12	308,307,334	0.0	0.0	0.0	0,0,0
3944	0.12	0.34	0.15	308,307,334	0.0	0.0	0.0	0,0,0
3945	0.12	0.35	0.15	308,307,334	0.0	0.0	0.0	0,0,0
3946	0.10	0.28	0.12	308,307,334	0.0	0.0	0.0	0,0,0
3947	0.16	0.43	0.19	308,308,334	0.0	0.0	0.0	0,0,0
3948	0.18	0.50	0.22	316,308,334	0.0	0.0	0.0	0,0,0
3949	0.10	0.28	0.12	308,307,334	0.0	0.0	0.0	0,0,0
3950	0.18	0.50	0.22	308,308,334	0.0	0.0	0.0	0,0,0
3951	0.28	0.73	0.35	308,307,334	0.44	0.41	0.40	322,330,334
3952	0.09	0.25	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3953	0.08	0.23	0.09	307,313,334	0.0	0.0	0.0	0,0,0
3954	0.06	0.18	0.07	313,313,334	0.0	0.0	0.0	0,0,0
3955	0.11	0.32	0.13	315,315,334	0.0	0.0	0.0	0,0,0
3956	0.09	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
3957	0.09	0.25	0.11	307,307,334	0.0	0.0	0.0	0,0,0
3958	0.08	0.24	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3959	0.08	0.24	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3960	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
3961	0.09	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
3962	0.09	0.25	0.11	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3963	0.08	0.24	0.10	307,307,334	0.0	0.0	0.0	0,0,0
3964	0.08	0.23	0.09	307,313,334	0.0	0.0	0.0	0,0,0
3965	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
3966	0.09	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
3967	0.09	0.25	0.11	307,307,334	0.0	0.0	0.0	0,0,0
3968	0.08	0.23	0.09	307,313,334	0.0	0.0	0.0	0,0,0
3969	0.07	0.21	0.08	307,313,334	0.0	0.0	0.0	0,0,0
3970	0.14	0.41	0.17	307,307,334	0.0	0.0	0.0	0,0,0
3971	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
3972	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
3973	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
3974	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
3975	0.12	0.35	0.15	307,307,334	0.0	0.0	0.0	0,0,0
3976	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
3977	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
3978	0.12	0.35	0.15	307,307,334	0.0	0.0	0.0	0,0,0
3979	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
3980	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
3981	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
3982	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
3983	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
3984	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
3985	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
3986	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
3987	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3988	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3989	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3990	0.15	0.43	0.19	307,307,334	0.0	0.0	0.0	0,0,0
3991	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
3992	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3993	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3994	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3995	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
3996	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
3997	0.10	0.28	0.12	308,307,334	0.0	0.0	0.0	0,0,0
3998	0.12	0.36	0.16	307,307,334	0.0	0.0	0.0	0,0,0
3999	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4000	0.07	0.20	0.09	320,319,334	0.0	0.0	0.0	0,0,0
4001	0.08	0.24	0.10	320,319,334	0.0	0.0	0.0	0,0,0
4002	0.10	0.29	0.13	308,307,334	0.0	0.0	0.0	0,0,0
4003	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
4004	0.13	0.37	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4005	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4006	0.09	0.28	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4007	0.09	0.27	0.11	307,307,334	0.0	0.0	0.0	0,0,0
4008	0.08	0.25	0.10	308,307,334	0.0	0.0	0.0	0,0,0
4009	0.07	0.21	0.08	308,313,334	0.0	0.0	0.0	0,0,0
4010	0.09	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4011	0.09	0.28	0.11	307,307,334	0.0	0.0	0.0	0,0,0
4012	0.09	0.26	0.11	308,307,334	0.0	0.0	0.0	0,0,0
4013	0.09	0.26	0.11	320,319,334	0.0	0.0	0.0	0,0,0
4014	0.10	0.29	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4015	0.10	0.29	0.12	308,307,334	0.0	0.0	0.0	0,0,0
4016	0.10	0.30	0.13	308,307,334	0.0	0.0	0.0	0,0,0
4017	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
4018	0.08	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4019	0.09	0.28	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4020	0.09	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4021	0.09	0.28	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4022	0.09	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4023	0.09	0.29	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4024	0.08	0.25	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4025	0.08	0.25	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4026	0.08	0.24	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4027	0.07	0.22	0.09	307,313,334	0.0	0.0	0.0	0,0,0
4028	0.07	0.22	0.09	307,313,334	0.0	0.0	0.0	0,0,0
4029	0.07	0.22	0.08	307,313,334	0.0	0.0	0.0	0,0,0
4030	0.06	0.20	0.07	307,313,334	0.0	0.0	0.0	0,0,0
4031	0.06	0.19	0.08	302,313,333	0.0	0.0	0.0	0,0,0
4032	0.06	0.18	0.08	302,301,333	0.0	0.0	0.0	0,0,0
4033	0.12	0.35	0.15	302,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4034	0.09	0.26	0.11	302,301,333	0.0	0.0	0.0	0,0,0
4035	0.14	0.40	0.17	302,302,333	0.0	0.0	0.0	0,0,0
4036	0.10	0.28	0.12	302,301,333	0.0	0.0	0.0	0,0,0
4037	0.16	0.47	0.20	302,302,333	0.0	0.0	0.0	0,0,0
4038	0.11	0.30	0.13	302,302,333	0.0	0.0	0.0	0,0,0
4039	0.19	0.55	0.24	302,302,333	0.0	0.0	0.0	0,0,0
4040	0.16	0.44	0.19	302,302,333	0.0	0.0	0.0	0,0,0
4041	0.25	0.71	0.30	302,302,333	0.0	0.0	0.0	0,0,0
4042	0.20	0.56	0.24	302,302,333	0.0	0.0	0.0	0,0,0
4043	0.30	0.77	0.37	302,302,333	0.48	0.41	0.40	302,323,333
4044	0.25	0.71	0.30	302,302,333	0.0	0.0	0.0	0,0,0
4045	0.31	0.80	0.39	307,321,334	0.45	0.42	0.41	302,330,334
4046	0.27	0.75	0.35	315,315,333	0.45	0.43	0.42	301,325,333
4047	0.23	0.67	0.29	302,302,333	0.0	0.0	0.0	0,0,0
4048	0.29	0.75	0.36	307,307,334	0.44	0.42	0.41	315,330,333
4049	0.27	0.74	0.34	316,315,333	0.45	0.43	0.42	301,325,333
4050	0.26	0.72	0.33	302,301,333	0.44	0.42	0.42	301,323,333
4051	0.26	0.73	0.32	301,301,333	0.44	0.41	0.0	301,325,0
4052	0.28	0.75	0.36	301,301,333	0.44	0.42	0.41	301,323,333
4053	0.30	0.76	0.37	302,302,333	0.44	0.42	0.40	301,323,333
4054	0.22	0.64	0.27	315,315,334	0.0	0.0	0.0	0,0,0
4055	0.71	0.76	0.57	313,313,334	0.34	0.30	0.21	313,330,334
4056	0.20	0.60	0.25	307,313,334	0.0	0.0	0.0	0,0,0
4057	0.30	0.77	0.37	307,307,334	0.44	0.42	0.40	307,330,334
4058	0.15	0.46	0.19	307,313,334	0.0	0.0	0.0	0,0,0
4059	0.23	0.68	0.29	315,315,334	0.0	0.0	0.0	0,0,0
4060	0.13	0.38	0.16	315,321,334	0.0	0.0	0.0	0,0,0
4061	0.12	0.37	0.15	315,321,334	0.0	0.0	0.0	0,0,0
4062	0.11	0.34	0.14	315,315,333	0.0	0.0	0.0	0,0,0
4063	0.08	0.24	0.10	308,308,334	0.0	0.0	0.0	0,0,0
4065	0.07	0.26	0.09	316,321,334	0.0	0.0	0.0	0,0,0
4066	0.02	0.18	0.03	305,305,333	0.0	0.0	0.0	0,0,0
4067	0.02	0.18	0.03	305,305,333	0.0	0.0	0.0	0,0,0
4068	0.05	0.14	0.06	308,307,334	0.0	0.0	0.0	0,0,0
4070	0.02	0.19	0.03	302,305,333	0.0	0.0	0.0	0,0,0
4071	0.02	0.22	0.03	303,305,333	0.0	0.0	0.0	0,0,0
4072	0.16	0.49	0.20	302,315,333	0.0	0.0	0.0	0,0,0
4073	0.10	0.28	0.12	301,305,333	0.0	0.0	0.0	0,0,0
4074	0.21	0.59	0.26	307,307,334	0.0	0.0	0.0	0,0,0
4075	0.39	0.56	0.39	322,314,334	0.25	0.24	0.23	314,331,334
4076	0.08	0.23	0.10	302,307,333	0.0	0.0	0.0	0,0,0
4077	0.20	0.53	0.21	322,322,334	0.0	0.0	0.0	0,0,0
4078	0.61	0.76	0.53	322,322,334	0.36	0.32	0.21	305,325,334
4079	0.04	0.13	0.05	313,313,334	0.0	0.0	0.0	0,0,0
4080	0.10	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4081	0.10	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4082	0.09	0.26	0.11	315,315,334	0.0	0.0	0.0	0,0,0
4083	0.07	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
4084	0.06	0.17	0.07	313,313,334	0.0	0.0	0.0	0,0,0
4085	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4086	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4087	0.12	0.34	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4088	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4089	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4090	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4091	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4092	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4093	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4094	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4095	0.13	0.39	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4096	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4097	0.10	0.30	0.13	308,307,334	0.0	0.0	0.0	0,0,0
4098	0.11	0.31	0.13	308,307,334	0.0	0.0	0.0	0,0,0
4099	0.11	0.33	0.14	308,307,334	0.0	0.0	0.0	0,0,0
4100	0.12	0.36	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4101	0.09	0.27	0.11	307,307,334	0.0	0.0	0.0	0,0,0
4102	0.10	0.29	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4103	0.08	0.24	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4104	0.07	0.21	0.08	307,313,334	0.0	0.0	0.0	0,0,0
4105	0.06	0.18	0.07	302,301,333	0.0	0.0	0.0	0,0,0
4106	0.17	0.48	0.21	302,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4107	0.11	0.31	0.13	302,301,333	0.0	0.0	0.0	0,0,0
4108	0.33	0.78	0.41	302,302,333	0.47	0.45	0.44	302,323,333
4109	0.27	0.76	0.33	302,302,333	0.49	0.0	0.0	302,0,0
4110	0.25	0.73	0.31	301,301,333	0.0	0.0	0.0	0,0,0
4111	0.30	0.79	0.37	301,301,333	0.47	0.44	0.43	301,323,333
4112	0.33	0.80	0.41	302,301,333	0.47	0.44	0.43	301,323,333
4113	0.12	0.36	0.15	315,315,333	0.0	0.0	0.0	0,0,0
4114	0.17	0.52	0.21	301,305,333	0.0	0.0	0.0	0,0,0
4115	0.10	0.30	0.12	308,301,333	0.0	0.0	0.0	0,0,0
4116	0.13	0.37	0.16	308,307,334	0.0	0.0	0.0	0,0,0
4117	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
4118	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4119	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4120	0.16	0.48	0.20	307,313,334	0.0	0.0	0.0	0,0,0
4121	0.15	0.44	0.18	313,313,334	0.0	0.0	0.0	0,0,0
4122	0.48	0.77	0.57	307,313,334	0.35	0.36	0.33	313,330,334
4123	0.13	0.39	0.14	313,313,334	0.0	0.0	0.0	0,0,0
4124	0.09	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4125	0.15	0.42	0.15	313,313,334	0.0	0.0	0.0	0,0,0
4126	0.21	0.62	0.24	321,321,334	0.0	0.0	0.0	0,0,0
4127	0.22	0.64	0.25	313,313,334	0.0	0.0	0.0	0,0,0
4128	0.14	0.43	0.17	307,315,334	0.0	0.0	0.0	0,0,0
4129	0.23	0.45	0.27	302,302,333	0.19	0.17	0.17	302,326,333
4130	0.13	0.38	0.15	313,313,334	0.0	0.0	0.0	0,0,0
4131	0.12	0.36	0.14	314,314,334	0.0	0.0	0.0	0,0,0
4132	0.03	0.10	0.03	314,314,334	0.0	0.0	0.0	0,0,0
4133	0.11	0.31	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4134	0.09	0.29	0.11	315,321,334	0.0	0.0	0.0	0,0,0
4135	0.09	0.29	0.11	315,321,334	0.0	0.0	0.0	0,0,0
4136	0.03	0.23	0.03	322,305,334	0.0	0.0	0.0	0,0,0
4137	0.02	0.05	0.02	307,307,334	0.0	0.0	0.0	0,0,0
4138	0.08	0.21	0.09	321,321,333	0.0	0.0	0.0	0,0,0
4139	0.07	0.20	0.09	316,315,334	0.0	0.0	0.0	0,0,0
4140	0.02	0.05	0.02	307,313,334	0.0	0.0	0.0	0,0,0
4142	0.17	0.50	0.21	301,313,333	0.0	0.0	0.0	0,0,0
4144	0.24	0.69	0.29	315,315,333	0.0	0.0	0.0	0,0,0
4145	0.34	0.73	0.42	308,308,334	0.37	0.37	0.36	322,327,334
4146	0.07	0.20	0.09	302,307,333	0.0	0.0	0.0	0,0,0
4147	0.17	0.48	0.21	314,308,334	0.0	0.0	0.0	0,0,0
4148	0.43	0.63	0.45	314,314,334	0.26	0.26	0.22	314,331,334
4149	0.04	0.11	0.04	313,313,334	0.0	0.0	0.0	0,0,0
4150	0.10	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4151	0.10	0.29	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4152	0.09	0.27	0.11	315,315,334	0.0	0.0	0.0	0,0,0
4153	0.08	0.23	0.10	315,321,334	0.0	0.0	0.0	0,0,0
4154	0.06	0.18	0.07	315,321,334	0.0	0.0	0.0	0,0,0
4155	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4156	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4157	0.12	0.34	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4158	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4159	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4160	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4161	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4162	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4163	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4164	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4165	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4166	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4167	0.11	0.32	0.14	308,307,334	0.0	0.0	0.0	0,0,0
4168	0.11	0.34	0.15	308,307,334	0.0	0.0	0.0	0,0,0
4169	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
4170	0.13	0.39	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4171	0.09	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4172	0.10	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4173	0.07	0.23	0.08	305,305,333	0.0	0.0	0.0	0,0,0
4178	0.11	0.30	0.13	308,307,334	0.0	0.0	0.0	0,0,0
4179	0.07	0.20	0.08	321,321,334	0.0	0.0	0.0	0,0,0
4180	0.26	0.68	0.33	308,308,334	0.39	0.37	0.37	307,327,334
4181	0.06	0.15	0.07	314,307,333	0.0	0.0	0.0	0,0,0
4182	0.14	0.37	0.16	314,307,334	0.0	0.0	0.0	0,0,0
4183	0.28	0.76	0.34	308,307,334	0.48	0.45	0.44	307,330,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4184	0.04	0.14	0.06	315,321,334	0.0	0.0	0.0	0,0,0
4185	0.10	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4186	0.10	0.29	0.12	315,307,334	0.0	0.0	0.0	0,0,0
4187	0.09	0.28	0.12	315,315,334	0.0	0.0	0.0	0,0,0
4188	0.08	0.25	0.11	315,315,334	0.0	0.0	0.0	0,0,0
4189	0.07	0.21	0.09	315,321,334	0.0	0.0	0.0	0,0,0
4190	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4191	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4192	0.12	0.34	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4193	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4194	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4195	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4196	0.17	0.50	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4197	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4198	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4199	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4200	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4201	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4202	0.12	0.35	0.15	307,307,334	0.0	0.0	0.0	0,0,0
4203	0.13	0.37	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4204	0.13	0.39	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4205	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4206	0.10	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4207	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4208	0.08	0.25	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4209	0.09	0.27	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4210	0.07	0.19	0.08	302,301,333	0.0	0.0	0.0	0,0,0
4211	0.06	0.18	0.08	302,301,333	0.0	0.0	0.0	0,0,0
4212	0.08	0.24	0.10	307,307,334	0.0	0.0	0.0	0,0,0
4213	0.07	0.22	0.09	307,313,334	0.0	0.0	0.0	0,0,0
4214	0.15	0.43	0.18	308,307,334	0.0	0.0	0.0	0,0,0
4215	0.12	0.36	0.15	308,307,334	0.0	0.0	0.0	0,0,0
4216	0.14	0.39	0.17	308,307,334	0.0	0.0	0.0	0,0,0
4217	0.11	0.32	0.14	308,308,334	0.0	0.0	0.0	0,0,0
4218	0.12	0.34	0.14	301,301,333	0.0	0.0	0.0	0,0,0
4219	0.15	0.44	0.19	301,301,333	0.0	0.0	0.0	0,0,0
4220	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
4221	0.16	0.46	0.19	301,305,333	0.0	0.0	0.0	0,0,0
4222	0.38	0.80	0.47	302,301,333	0.46	0.44	0.43	301,323,333
4223	0.31	0.80	0.38	301,301,333	0.47	0.44	0.43	301,323,333
4224	0.24	0.71	0.29	301,301,333	0.0	0.0	0.0	0,0,0
4225	0.28	0.80	0.35	302,302,333	0.51	0.49	0.48	302,323,333
4226	0.38	0.78	0.47	302,302,333	0.47	0.45	0.44	302,323,333
4227	0.18	0.51	0.22	302,302,333	0.0	0.0	0.0	0,0,0
4228	0.11	0.32	0.14	302,301,333	0.0	0.0	0.0	0,0,0
4229	0.12	0.34	0.14	302,301,333	0.0	0.0	0.0	0,0,0
4230	0.19	0.55	0.23	302,301,333	0.0	0.0	0.0	0,0,0
4231	0.56	0.77	0.58	313,313,334	0.35	0.39	0.38	313,323,333
4232	0.29	0.80	0.36	302,302,333	0.51	0.48	0.47	302,323,333
4233	0.22	0.66	0.27	301,301,333	0.0	0.0	0.0	0,0,0
4234	0.31	0.80	0.39	301,301,333	0.46	0.44	0.42	301,325,333
4235	0.44	0.79	0.54	301,301,333	0.43	0.42	0.41	301,323,333
4236	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4237	0.14	0.41	0.16	313,313,334	0.0	0.0	0.0	0,0,0
4238	0.51	0.75	0.48	314,314,334	0.41	0.39	0.37	316,326,333
4239	0.12	0.36	0.12	314,314,334	0.0	0.0	0.0	0,0,0
4240	0.11	0.33	0.12	313,313,334	0.0	0.0	0.0	0,0,0
4241	0.27	0.68	0.31	314,308,334	0.39	0.37	0.0	314,331,0
4242	0.12	0.36	0.13	313,313,334	0.0	0.0	0.0	0,0,0
4243	0.27	0.75	0.31	313,313,334	0.47	0.0	0.0	313,0,0
4244	0.24	0.54	0.28	306,302,333	0.27	0.26	0.0	302,326,0
4246	0.37	0.69	0.45	301,301,333	0.22	0.24	0.23	301,323,333
4247	0.34	0.74	0.39	315,315,333	0.28	0.28	0.25	321,325,333
4248	0.23	0.57	0.26	306,306,333	0.0	0.0	0.0	0,0,0
4249	0.23	0.58	0.29	308,313,334	0.28	0.26	0.25	313,330,334
4250	0.48	0.78	0.59	308,308,334	0.47	0.42	0.38	314,331,334
4251	0.22	0.63	0.28	308,307,334	0.0	0.0	0.0	0,0,0
4252	0.14	0.43	0.17	313,313,334	0.0	0.0	0.0	0,0,0
4253	0.15	0.45	0.18	307,313,334	0.0	0.0	0.0	0,0,0
4254	0.16	0.47	0.19	307,313,334	0.0	0.0	0.0	0,0,0
4255	0.20	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4256	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4257	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4258	0.17	0.49	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4259	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4260	0.11	0.32	0.13	313,313,334	0.0	0.0	0.0	0,0,0
4261	0.12	0.37	0.12	313,313,334	0.0	0.0	0.0	0,0,0
4262	0.13	0.39	0.14	313,313,334	0.0	0.0	0.0	0,0,0
4263	0.19	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4264	0.10	0.31	0.12	313,313,334	0.0	0.0	0.0	0,0,0
4265	0.16	0.50	0.19	301,313,333	0.0	0.0	0.0	0,0,0
4266	0.11	0.33	0.12	313,313,334	0.0	0.0	0.0	0,0,0
4267	0.15	0.47	0.18	301,313,333	0.0	0.0	0.0	0,0,0
4268	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4269	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4270	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4271	0.16	0.47	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4272	0.14	0.44	0.17	307,313,334	0.0	0.0	0.0	0,0,0
4273	0.13	0.39	0.15	302,313,333	0.0	0.0	0.0	0,0,0
4274	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4275	0.16	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4276	0.14	0.41	0.17	307,313,334	0.0	0.0	0.0	0,0,0
4277	0.12	0.36	0.14	307,313,334	0.0	0.0	0.0	0,0,0
4278	0.10	0.31	0.12	313,313,334	0.0	0.0	0.0	0,0,0
4279	0.20	0.57	0.24	308,308,334	0.0	0.0	0.0	0,0,0
4280	0.16	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4281	0.14	0.40	0.17	307,313,334	0.0	0.0	0.0	0,0,0
4282	0.11	0.34	0.14	313,313,334	0.0	0.0	0.0	0,0,0
4283	0.09	0.28	0.11	313,313,334	0.0	0.0	0.0	0,0,0
4284	0.11	0.31	0.13	302,302,333	0.0	0.0	0.0	0,0,0
4285	0.40	0.76	0.42	314,314,334	0.35	0.35	0.31	314,331,334
4286	0.14	0.42	0.17	307,313,334	0.0	0.0	0.0	0,0,0
4287	0.12	0.35	0.14	313,313,334	0.0	0.0	0.0	0,0,0
4288	0.08	0.25	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4289	0.18	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4290	0.12	0.39	0.14	305,305,333	0.0	0.0	0.0	0,0,0
4291	0.12	0.34	0.12	305,305,333	0.0	0.0	0.0	0,0,0
4292	0.22	0.64	0.27	301,301,333	0.0	0.0	0.0	0,0,0
4293	0.08	0.20	0.07	314,314,334	0.0	0.0	0.0	0,0,0
4294	0.07	0.23	0.08	313,313,334	0.0	0.0	0.0	0,0,0
4295	0.22	0.61	0.27	307,307,334	0.0	0.0	0.0	0,0,0
4296	0.22	0.61	0.27	307,307,334	0.0	0.0	0.0	0,0,0
4297	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4298	0.19	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4299	0.10	0.28	0.11	313,313,334	0.0	0.0	0.0	0,0,0
4300	0.11	0.37	0.12	305,305,333	0.0	0.0	0.0	0,0,0
4301	0.25	0.70	0.31	308,308,334	0.43	0.0	0.0	308,0,0
4302	0.11	0.30	0.13	308,307,334	0.0	0.0	0.0	0,0,0
4303	0.04	0.13	0.05	315,313,334	0.0	0.0	0.0	0,0,0
4304	0.18	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4305	0.18	0.56	0.23	307,307,333	0.0	0.0	0.0	0,0,0
4306	0.21	0.59	0.26	301,301,333	0.0	0.0	0.0	0,0,0
4307	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4308	0.12	0.34	0.15	316,315,334	0.0	0.0	0.0	0,0,0
4309	0.05	0.14	0.06	308,307,334	0.0	0.0	0.0	0,0,0
4310	0.19	0.54	0.23	301,305,333	0.0	0.0	0.0	0,0,0
4311	0.17	0.50	0.20	314,308,334	0.0	0.0	0.0	0,0,0
4312	0.06	0.20	0.07	313,313,334	0.0	0.0	0.0	0,0,0
4313	0.18	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4314	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4315	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4316	0.19	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4317	0.10	0.29	0.13	316,315,334	0.0	0.0	0.0	0,0,0
4318	0.08	0.23	0.10	314,308,334	0.0	0.0	0.0	0,0,0
4319	0.06	0.17	0.08	308,308,334	0.0	0.0	0.0	0,0,0
4320	0.08	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
4321	0.29	0.72	0.35	308,308,334	0.43	0.38	0.37	308,331,334
4322	0.09	0.28	0.11	315,315,333	0.0	0.0	0.0	0,0,0
4323	0.16	0.48	0.19	314,308,334	0.0	0.0	0.0	0,0,0
4324	0.12	0.38	0.14	313,313,334	0.0	0.0	0.0	0,0,0
4325	0.05	0.16	0.07	316,321,334	0.0	0.0	0.0	0,0,0
4326	0.12	0.35	0.15	301,305,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4327	0.07	0.21	0.08	305,305,333	0.0	0.0	0.0	0,0,0
4328	0.14	0.42	0.16	305,305,333	0.0	0.0	0.0	0,0,0
4329	0.03	0.08	0.02	306,321,333	0.0	0.0	0.0	0,0,0
4330	0.19	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4331	0.05	0.17	0.07	302,301,333	0.0	0.0	0.0	0,0,0
4332	0.08	0.23	0.09	305,305,333	0.0	0.0	0.0	0,0,0
4333	0.10	0.31	0.12	313,313,334	0.0	0.0	0.0	0,0,0
4334	0.11	0.33	0.12	313,313,334	0.0	0.0	0.0	0,0,0
4335	0.09	0.25	0.10	315,315,334	0.0	0.0	0.0	0,0,0
4336	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4337	0.04	0.12	0.05	314,308,334	0.0	0.0	0.0	0,0,0
4338	0.05	0.13	0.05	314,314,334	0.0	0.0	0.0	0,0,0
4339	0.05	0.15	0.05	314,314,334	0.0	0.0	0.0	0,0,0
4340	0.13	0.38	0.15	315,321,333	0.0	0.0	0.0	0,0,0
4341	0.13	0.37	0.15	321,321,333	0.0	0.0	0.0	0,0,0
4342	0.11	0.34	0.12	305,321,333	0.0	0.0	0.0	0,0,0
4343	0.09	0.27	0.09	305,305,333	0.0	0.0	0.0	0,0,0
4344	0.08	0.24	0.09	315,315,334	0.0	0.0	0.0	0,0,0
4345	0.09	0.29	0.11	313,313,334	0.0	0.0	0.0	0,0,0
4346	0.44	0.75	0.55	308,307,334	0.44	0.37	0.36	313,327,334
4347	0.21	0.60	0.25	301,301,333	0.0	0.0	0.0	0,0,0
4348	0.07	0.21	0.06	305,305,333	0.0	0.0	0.0	0,0,0
4349	0.05	0.15	0.04	314,305,333	0.0	0.0	0.0	0,0,0
4350	0.05	0.14	0.04	314,314,334	0.0	0.0	0.0	0,0,0
4351	0.20	0.60	0.25	301,301,333	0.0	0.0	0.0	0,0,0
4352	0.22	0.64	0.25	313,313,334	0.0	0.0	0.0	0,0,0
4353	0.21	0.61	0.26	307,307,334	0.0	0.0	0.0	0,0,0
4354	0.12	0.36	0.15	315,315,333	0.0	0.0	0.0	0,0,0
4355	0.21	0.62	0.26	301,321,333	0.0	0.0	0.0	0,0,0
4356	0.04	0.13	0.05	307,313,334	0.0	0.0	0.0	0,0,0
4357	0.03	0.09	0.04	308,313,334	0.0	0.0	0.0	0,0,0
4358	0.06	0.18	0.07	315,321,334	0.0	0.0	0.0	0,0,0
4359	0.08	0.22	0.09	315,321,334	0.0	0.0	0.0	0,0,0
4360	0.08	0.23	0.10	315,315,334	0.0	0.0	0.0	0,0,0
4361	0.13	0.38	0.15	315,321,333	0.0	0.0	0.0	0,0,0
4362	0.26	0.73	0.30	313,313,334	0.0	0.0	0.0	0,0,0
4363	0.41	0.77	0.47	315,315,334	0.35	0.37	0.34	321,330,334
4364	0.16	0.48	0.21	308,307,334	0.0	0.0	0.0	0,0,0
4365	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4366	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4367	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
4368	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
4369	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
4370	0.15	0.43	0.18	308,307,334	0.0	0.0	0.0	0,0,0
4371	0.17	0.49	0.21	308,307,334	0.0	0.0	0.0	0,0,0
4372	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4373	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4374	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4375	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4376	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
4377	0.14	0.41	0.17	308,307,334	0.0	0.0	0.0	0,0,0
4378	0.16	0.47	0.20	308,307,334	0.0	0.0	0.0	0,0,0
4379	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4380	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4381	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4382	0.16	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
4383	0.16	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
4384	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
4385	0.14	0.43	0.18	308,307,334	0.0	0.0	0.0	0,0,0
4386	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4387	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4388	0.15	0.43	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4389	0.13	0.37	0.16	308,307,334	0.0	0.0	0.0	0,0,0
4390	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
4391	0.23	0.68	0.28	301,301,333	0.0	0.0	0.0	0,0,0
4392	0.33	0.78	0.40	301,301,333	0.46	0.43	0.42	301,325,333
4393	0.74	0.76	0.58	313,313,334	0.34	0.30	0.23	313,330,333
4394	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4395	0.13	0.37	0.16	308,307,334	0.0	0.0	0.0	0,0,0
4396	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
4397	0.21	0.60	0.25	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4398	0.28	0.76	0.34	301,301,333	0.47	0.44	0.42	301,325,333
4399	0.31	0.79	0.38	301,301,333	0.48	0.45	0.43	301,325,333
4400	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4401	0.14	0.41	0.17	308,307,334	0.0	0.0	0.0	0,0,0
4402	0.12	0.34	0.15	308,307,334	0.0	0.0	0.0	0,0,0
4403	0.17	0.48	0.20	301,301,333	0.0	0.0	0.0	0,0,0
4404	0.21	0.61	0.26	301,301,333	0.0	0.0	0.0	0,0,0
4405	0.21	0.62	0.26	301,301,333	0.0	0.0	0.0	0,0,0
4406	0.17	0.50	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4407	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4408	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
4409	0.21	0.62	0.26	301,301,333	0.0	0.0	0.0	0,0,0
4410	0.28	0.79	0.35	301,301,333	0.49	0.46	0.45	301,325,333
4411	0.30	0.80	0.37	302,301,333	0.49	0.46	0.45	302,323,333
4412	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4413	0.14	0.40	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4414	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
4415	0.23	0.68	0.28	301,301,333	0.0	0.0	0.0	0,0,0
4416	0.32	0.80	0.40	301,301,333	0.49	0.46	0.45	301,325,333
4417	0.38	0.80	0.47	301,301,333	0.49	0.46	0.45	301,323,333
4418	0.12	0.36	0.15	302,301,333	0.0	0.0	0.0	0,0,0
4419	0.20	0.57	0.24	302,301,333	0.0	0.0	0.0	0,0,0
4420	0.12	0.36	0.15	302,301,333	0.0	0.0	0.0	0,0,0
4421	0.19	0.56	0.24	302,301,333	0.0	0.0	0.0	0,0,0
4422	0.13	0.37	0.16	308,307,334	0.0	0.0	0.0	0,0,0
4423	0.16	0.47	0.20	301,301,333	0.0	0.0	0.0	0,0,0
4424	0.16	0.45	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4425	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4426	0.18	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4427	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4428	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4429	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4430	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4431	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4432	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4433	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4434	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4435	0.08	0.25	0.11	307,307,334	0.0	0.0	0.0	0,0,0
4436	0.10	0.29	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4437	0.13	0.37	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4438	0.15	0.43	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4439	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4440	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4441	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4442	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4443	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4444	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4445	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4446	0.13	0.39	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4447	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4448	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4449	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4450	0.17	0.50	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4451	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4452	0.15	0.43	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4453	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4454	0.19	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4455	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4456	0.17	0.50	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4457	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4458	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4459	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
4460	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4461	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4462	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4463	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4464	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4465	0.16	0.45	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4466	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4467	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4468	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4469	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4470	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4471	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4472	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4473	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4474	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4475	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4476	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4477	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4478	0.18	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4479	0.18	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4480	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4481	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4482	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4483	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4484	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4485	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4486	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4487	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4488	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4489	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4490	0.14	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4491	0.16	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4492	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4493	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4494	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4495	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4496	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4497	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4498	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4499	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4500	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4501	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4502	0.60	0.77	0.58	314,314,334	0.34	0.31	0.26	314,331,334
4503	0.22	0.64	0.27	308,308,334	0.0	0.0	0.0	0,0,0
4504	0.11	0.30	0.13	308,308,334	0.0	0.0	0.0	0,0,0
4505	0.12	0.36	0.15	307,313,334	0.0	0.0	0.0	0,0,0
4506	0.14	0.41	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4507	0.15	0.44	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4508	0.23	0.65	0.28	308,307,334	0.0	0.0	0.0	0,0,0
4509	0.18	0.52	0.23	308,308,334	0.0	0.0	0.0	0,0,0
4510	0.13	0.37	0.15	307,313,334	0.0	0.0	0.0	0,0,0
4511	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4512	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4513	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4514	0.09	0.26	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4515	0.12	0.34	0.14	307,313,334	0.0	0.0	0.0	0,0,0
4516	0.14	0.41	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4517	0.16	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4518	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4519	0.17	0.50	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4520	0.11	0.32	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4521	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4522	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4523	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4524	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4525	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4526	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
4527	0.14	0.41	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4528	0.16	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4529	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4530	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4531	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4532	0.13	0.39	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4533	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4534	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4535	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4536	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4537	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4538	0.08	0.22	0.10	308,307,334	0.0	0.0	0.0	0,0,0
4539	0.06	0.19	0.07	315,321,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4540	0.08	0.25	0.10	315,321,334	0.0	0.0	0.0	0,0,0
4541	0.10	0.28	0.12	315,321,334	0.0	0.0	0.0	0,0,0
4542	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4543	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4544	0.19	0.51	0.22	314,308,334	0.0	0.0	0.0	0,0,0
4545	0.12	0.34	0.15	308,308,334	0.0	0.0	0.0	0,0,0
4546	0.08	0.23	0.09	314,313,334	0.0	0.0	0.0	0,0,0
4547	0.10	0.30	0.12	307,313,334	0.0	0.0	0.0	0,0,0
4548	0.12	0.34	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4549	0.13	0.37	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4550	0.47	0.71	0.45	322,322,334	0.32	0.29	0.23	322,331,334
4551	0.19	0.54	0.24	308,308,334	0.0	0.0	0.0	0,0,0
4552	0.11	0.29	0.13	308,308,334	0.0	0.0	0.0	0,0,0
4553	0.11	0.34	0.14	307,313,334	0.0	0.0	0.0	0,0,0
4554	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4555	0.14	0.41	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4556	0.11	0.30	0.13	305,321,333	0.0	0.0	0.0	0,0,0
4558	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4559	0.10	0.29	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4560	0.09	0.27	0.12	315,315,334	0.0	0.0	0.0	0,0,0
4561	0.08	0.24	0.10	315,315,334	0.0	0.0	0.0	0,0,0
4563	0.16	0.49	0.19	307,313,334	0.0	0.0	0.0	0,0,0
4564	0.05	0.16	0.06	305,305,333	0.0	0.0	0.0	0,0,0
4565	0.10	0.31	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4566	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4567	0.09	0.28	0.12	315,315,334	0.0	0.0	0.0	0,0,0
4568	0.05	0.15	0.06	301,305,333	0.0	0.0	0.0	0,0,0
4569	0.70	0.74	0.80	314,314,334	0.32	0.32	0.31	308,331,334
4570	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4571	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4572	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4573	0.10	0.29	0.12	315,315,334	0.0	0.0	0.0	0,0,0
4574	0.08	0.24	0.10	315,321,334	0.0	0.0	0.0	0,0,0
4576	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4577	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4578	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4579	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4580	0.17	0.52	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4581	0.08	0.24	0.10	315,321,334	0.0	0.0	0.0	0,0,0
4582	0.09	0.27	0.11	315,321,334	0.0	0.0	0.0	0,0,0
4583	0.10	0.29	0.12	315,315,334	0.0	0.0	0.0	0,0,0
4584	0.10	0.30	0.13	315,307,334	0.0	0.0	0.0	0,0,0
4585	0.10	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4586	0.05	0.16	0.06	301,305,333	0.0	0.0	0.0	0,0,0
4587	0.06	0.18	0.07	315,321,334	0.0	0.0	0.0	0,0,0
4588	0.13	0.38	0.15	321,321,333	0.0	0.0	0.0	0,0,0
4589	0.11	0.37	0.13	305,305,333	0.0	0.0	0.0	0,0,0
4590	0.08	0.23	0.10	315,315,334	0.0	0.0	0.0	0,0,0
4591	0.06	0.19	0.08	315,321,334	0.0	0.0	0.0	0,0,0
4595	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4596	0.09	0.24	0.10	321,321,333	0.0	0.0	0.0	0,0,0
4600	0.10	0.26	0.12	322,321,333	0.0	0.0	0.0	0,0,0
4602	0.14	0.45	0.17	301,313,333	0.0	0.0	0.0	0,0,0
4603	0.12	0.34	0.15	308,307,334	0.0	0.0	0.0	0,0,0
4604	0.21	0.56	0.25	306,305,333	0.0	0.0	0.0	0,0,0
4605	0.15	0.44	0.19	302,301,333	0.0	0.0	0.0	0,0,0
4606	0.14	0.40	0.16	306,306,333	0.0	0.0	0.0	0,0,0
4607	0.06	0.18	0.08	315,321,334	0.0	0.0	0.0	0,0,0
4609	0.06	0.15	0.06	314,314,334	0.0	0.0	0.0	0,0,0
4610	0.18	0.47	0.17	306,306,333	0.0	0.0	0.0	0,0,0
4611	0.07	0.24	0.08	321,321,334	0.0	0.0	0.0	0,0,0
4612	0.12	0.32	0.12	306,306,333	0.0	0.0	0.0	0,0,0
4613	0.07	0.24	0.08	321,321,334	0.0	0.0	0.0	0,0,0
4614	0.12	0.33	0.11	306,306,333	0.0	0.0	0.0	0,0,0
4615	0.22	0.65	0.27	301,305,333	0.0	0.0	0.0	0,0,0
4616	0.04	0.20	0.05	301,321,333	0.0	0.0	0.0	0,0,0
4617	0.03	0.17	0.04	301,305,333	0.0	0.0	0.0	0,0,0
4618	0.03	0.12	0.03	322,305,333	0.0	0.0	0.0	0,0,0
4619	0.05	0.19	0.06	315,321,333	0.0	0.0	0.0	0,0,0
4620	0.05	0.20	0.06	321,321,333	0.0	0.0	0.0	0,0,0
4621	0.04	0.13	0.05	301,313,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4622	0.04	0.23	0.05	302,321,333	0.0	0.0	0.0	0,0,0
4623	0.03	0.19	0.04	301,321,333	0.0	0.0	0.0	0,0,0
4624	0.03	0.15	0.04	322,321,333	0.0	0.0	0.0	0,0,0
4625	0.13	0.32	0.16	322,315,333	0.0	0.0	0.0	0,0,0
4626	0.13	0.35	0.17	316,321,333	0.0	0.0	0.0	0,0,0
4627	0.03	0.12	0.04	315,321,333	0.0	0.0	0.0	0,0,0
4628	0.04	0.15	0.04	322,305,333	0.0	0.0	0.0	0,0,0
4629	0.04	0.20	0.05	301,321,333	0.0	0.0	0.0	0,0,0
4630	0.03	0.17	0.04	302,321,333	0.0	0.0	0.0	0,0,0
4631	0.02	0.18	0.03	302,321,333	0.0	0.0	0.0	0,0,0
4632	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4634	0.08	0.29	0.10	315,321,334	0.0	0.0	0.0	0,0,0
4635	0.05	0.24	0.06	315,321,334	0.0	0.0	0.0	0,0,0
4636	0.05	0.24	0.06	315,321,334	0.0	0.0	0.0	0,0,0
4640	0.05	0.18	0.05	322,321,334	0.0	0.0	0.0	0,0,0
4641	0.15	0.44	0.18	316,315,334	0.0	0.0	0.0	0,0,0
4646	0.15	0.31	0.12	321,321,334	0.0	0.0	0.0	0,0,0
4647	0.04	0.24	0.05	302,321,333	0.0	0.0	0.0	0,0,0
4648	0.04	0.22	0.05	302,305,333	0.0	0.0	0.0	0,0,0
4652	0.06	0.21	0.07	322,321,334	0.0	0.0	0.0	0,0,0
4653	0.05	0.16	0.05	306,321,333	0.0	0.0	0.0	0,0,0
4654	0.11	0.36	0.14	315,321,334	0.0	0.0	0.0	0,0,0
4655	0.11	0.35	0.13	315,321,334	0.0	0.0	0.0	0,0,0
4658	0.05	0.16	0.06	301,305,333	0.0	0.0	0.0	0,0,0
4659	0.04	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
4660	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4661	0.05	0.17	0.06	301,305,333	0.0	0.0	0.0	0,0,0
4662	0.05	0.17	0.06	301,305,333	0.0	0.0	0.0	0,0,0
4663	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4664	0.05	0.17	0.06	301,305,333	0.0	0.0	0.0	0,0,0
4665	0.04	0.14	0.05	301,305,333	0.0	0.0	0.0	0,0,0
4666	0.04	0.11	0.04	316,321,333	0.0	0.0	0.0	0,0,0
4667	0.07	0.20	0.08	316,321,333	0.0	0.0	0.0	0,0,0
4668	0.35	0.73	0.44	308,307,334	0.39	0.37	0.36	322,330,334
4669	0.09	0.27	0.12	315,315,334	0.0	0.0	0.0	0,0,0
4670	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4671	0.06	0.15	0.06	314,314,334	0.0	0.0	0.0	0,0,0
4672	0.10	0.24	0.12	322,322,333	0.0	0.0	0.0	0,0,0
4673	0.13	0.32	0.15	321,321,333	0.0	0.0	0.0	0,0,0
4674	0.12	0.34	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4675	0.11	0.32	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4676	0.09	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4677	0.07	0.21	0.09	308,307,334	0.0	0.0	0.0	0,0,0
4678	0.21	0.58	0.26	307,307,334	0.0	0.0	0.0	0,0,0
4679	0.41	0.72	0.50	314,322,334	0.38	0.33	0.29	322,331,334
4680	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4681	0.10	0.29	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4682	0.09	0.25	0.11	307,307,334	0.0	0.0	0.0	0,0,0
4683	0.06	0.17	0.07	307,313,334	0.0	0.0	0.0	0,0,0
4684	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4685	0.06	0.18	0.07	315,321,334	0.0	0.0	0.0	0,0,0
4686	0.12	0.35	0.15	307,307,334	0.0	0.0	0.0	0,0,0
4687	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4688	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4689	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
4690	0.11	0.32	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4691	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4692	0.17	0.50	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4693	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4694	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4695	0.14	0.41	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4696	0.17	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4697	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4698	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4699	0.12	0.36	0.15	307,307,334	0.0	0.0	0.0	0,0,0
4700	0.19	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4701	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4702	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4703	0.18	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4704	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4705	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4706	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4707	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4708	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4709	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4710	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4711	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4712	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4713	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4714	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4715	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4716	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4717	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4718	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4719	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4720	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4721	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4722	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4723	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4724	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4725	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4726	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4727	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4728	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4729	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4730	0.20	0.58	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4731	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4732	0.20	0.59	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4733	0.20	0.59	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4734	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4735	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4736	0.18	0.52	0.22	302,302,333	0.0	0.0	0.0	0,0,0
4737	0.16	0.49	0.20	301,313,333	0.0	0.0	0.0	0,0,0
4738	0.18	0.54	0.22	301,307,333	0.0	0.0	0.0	0,0,0
4739	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4740	0.22	0.65	0.26	322,316,333	0.0	0.0	0.0	0,0,0
4741	0.14	0.43	0.17	301,305,333	0.0	0.0	0.0	0,0,0
4742	0.16	0.49	0.20	301,313,333	0.0	0.0	0.0	0,0,0
4743	0.18	0.53	0.22	301,307,333	0.0	0.0	0.0	0,0,0
4744	0.22	0.64	0.27	302,302,333	0.0	0.0	0.0	0,0,0
4745	0.10	0.31	0.13	301,301,333	0.0	0.0	0.0	0,0,0
4746	0.62	0.77	0.61	314,314,334	0.34	0.31	0.26	314,331,334
4747	0.33	0.76	0.38	314,314,334	0.46	0.43	0.41	316,331,334
4748	0.09	0.27	0.12	307,313,334	0.0	0.0	0.0	0,0,0
4749	0.55	0.77	0.56	322,314,334	0.35	0.36	0.33	314,331,334
4750	0.07	0.20	0.08	313,313,334	0.0	0.0	0.0	0,0,0
4752	0.05	0.15	0.06	305,305,333	0.0	0.0	0.0	0,0,0
4753	0.25	0.69	0.29	305,305,333	0.0	0.0	0.0	0,0,0
4754	0.12	0.35	0.12	305,305,333	0.0	0.0	0.0	0,0,0
4755	0.42	0.65	0.47	314,322,334	0.26	0.26	0.24	314,331,334
4756	0.07	0.20	0.08	313,313,334	0.0	0.0	0.0	0,0,0
4757	0.09	0.27	0.12	315,315,334	0.0	0.0	0.0	0,0,0
4758	0.14	0.46	0.17	301,313,333	0.0	0.0	0.0	0,0,0
4759	0.06	0.17	0.08	308,308,334	0.0	0.0	0.0	0,0,0
4760	0.08	0.23	0.10	315,315,334	0.0	0.0	0.0	0,0,0
4761	0.16	0.49	0.19	307,313,334	0.0	0.0	0.0	0,0,0
4762	0.07	0.19	0.08	315,315,334	0.0	0.0	0.0	0,0,0
4763	0.04	0.13	0.06	315,313,334	0.0	0.0	0.0	0,0,0
4764	0.06	0.17	0.07	301,305,333	0.0	0.0	0.0	0,0,0
4765	0.12	0.36	0.15	301,313,333	0.0	0.0	0.0	0,0,0
4766	0.09	0.28	0.12	315,321,334	0.0	0.0	0.0	0,0,0
4767	0.10	0.30	0.13	315,315,334	0.0	0.0	0.0	0,0,0
4768	0.08	0.25	0.10	315,321,334	0.0	0.0	0.0	0,0,0
4769	0.07	0.20	0.09	307,307,334	0.0	0.0	0.0	0,0,0
4770	0.08	0.22	0.10	307,307,334	0.0	0.0	0.0	0,0,0
4771	0.04	0.12	0.05	301,313,334	0.0	0.0	0.0	0,0,0
4772	0.05	0.14	0.05	305,313,333	0.0	0.0	0.0	0,0,0
4773	0.08	0.23	0.10	307,307,334	0.0	0.0	0.0	0,0,0
4774	0.11	0.30	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4775	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4776	0.14	0.38	0.17	322,322,333	0.0	0.0	0.0	0,0,0
4778	0.25	0.63	0.29	322,322,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4779	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4780	0.24	0.58	0.26	322,322,333	0.31	0.0	0.0	322,0,0
4781	0.15	0.41	0.17	322,322,333	0.0	0.0	0.0	0,0,0
4782	0.14	0.35	0.12	322,322,333	0.0	0.0	0.0	0,0,0
4783	0.12	0.32	0.12	322,322,333	0.0	0.0	0.0	0,0,0
4784	0.11	0.27	0.10	322,322,333	0.0	0.0	0.0	0,0,0
4785	0.10	0.25	0.09	322,322,333	0.0	0.0	0.0	0,0,0
4786	0.08	0.24	0.09	321,321,333	0.0	0.0	0.0	0,0,0
4787	0.08	0.20	0.08	321,321,333	0.0	0.0	0.0	0,0,0
4788	0.09	0.27	0.11	321,321,333	0.0	0.0	0.0	0,0,0
4789	0.15	0.40	0.16	306,306,333	0.0	0.0	0.0	0,0,0
4790	0.06	0.18	0.06	321,321,334	0.0	0.0	0.0	0,0,0
4791	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4792	0.10	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4793	0.09	0.27	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4794	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4795	0.12	0.36	0.15	315,315,333	0.0	0.0	0.0	0,0,0
4796	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4797	0.11	0.32	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4798	0.11	0.32	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4799	0.09	0.25	0.10	321,321,333	0.0	0.0	0.0	0,0,0
4801	0.08	0.22	0.09	321,321,334	0.0	0.0	0.0	0,0,0
4802	0.10	0.27	0.11	321,321,333	0.0	0.0	0.0	0,0,0
4804	0.07	0.21	0.09	308,307,334	0.0	0.0	0.0	0,0,0
4805	0.16	0.46	0.20	321,321,333	0.0	0.0	0.0	0,0,0
4806	0.16	0.46	0.20	315,321,333	0.0	0.0	0.0	0,0,0
4807	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4808	0.08	0.22	0.09	321,321,333	0.0	0.0	0.0	0,0,0
4809	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
4810	0.10	0.30	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4811	0.14	0.40	0.17	302,301,333	0.0	0.0	0.0	0,0,0
4812	0.28	0.69	0.34	321,321,333	0.38	0.35	0.34	321,325,333
4813	0.30	0.67	0.37	316,315,333	0.36	0.34	0.34	315,323,333
4814	0.06	0.18	0.08	321,321,333	0.0	0.0	0.0	0,0,0
4815	0.09	0.30	0.11	315,321,334	0.0	0.0	0.0	0,0,0
4816	0.14	0.42	0.17	321,321,333	0.0	0.0	0.0	0,0,0
4817	0.14	0.42	0.16	321,321,333	0.0	0.0	0.0	0,0,0
4818	0.13	0.33	0.15	322,316,333	0.0	0.0	0.0	0,0,0
4819	0.05	0.15	0.06	308,307,334	0.0	0.0	0.0	0,0,0
4820	0.06	0.15	0.07	321,321,334	0.0	0.0	0.0	0,0,0
4821	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4822	0.11	0.32	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4823	0.11	0.32	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4824	0.09	0.32	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4825	0.22	0.63	0.27	315,321,333	0.0	0.0	0.0	0,0,0
4826	0.09	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4827	0.10	0.30	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4828	0.09	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4829	0.10	0.30	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4830	0.09	0.27	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4831	0.10	0.30	0.13	307,307,334	0.0	0.0	0.0	0,0,0
4832	0.08	0.25	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4833	0.14	0.44	0.18	315,307,334	0.0	0.0	0.0	0,0,0
4834	0.18	0.52	0.23	316,315,334	0.0	0.0	0.0	0,0,0
4835	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4836	0.15	0.44	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4837	0.13	0.39	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4838	0.12	0.34	0.14	307,307,334	0.0	0.0	0.0	0,0,0
4839	0.10	0.30	0.12	307,307,334	0.0	0.0	0.0	0,0,0
4840	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4841	0.11	0.32	0.13	307,313,334	0.0	0.0	0.0	0,0,0
4842	0.09	0.28	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4843	0.08	0.25	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4844	0.12	0.34	0.15	302,302,333	0.0	0.0	0.0	0,0,0
4845	0.08	0.23	0.10	306,313,333	0.0	0.0	0.0	0,0,0
4846	0.06	0.20	0.08	313,313,334	0.0	0.0	0.0	0,0,0
4847	0.08	0.24	0.10	307,313,334	0.0	0.0	0.0	0,0,0
4848	0.23	0.62	0.26	306,302,333	0.0	0.0	0.0	0,0,0
4849	0.13	0.36	0.15	306,302,333	0.0	0.0	0.0	0,0,0
4850	0.06	0.18	0.07	322,322,333	0.0	0.0	0.0	0,0,0
4851	0.06	0.20	0.08	307,313,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4852	0.53	0.75	0.45	322,322,334	0.38	0.28	0.20	305,331,334
4853	0.23	0.63	0.27	322,316,333	0.0	0.0	0.0	0,0,0
4854	0.12	0.32	0.14	302,302,333	0.0	0.0	0.0	0,0,0
4855	0.07	0.19	0.08	306,302,333	0.0	0.0	0.0	0,0,0
4856	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4857	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4858	0.16	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4859	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4860	0.13	0.38	0.15	307,313,334	0.0	0.0	0.0	0,0,0
4861	0.12	0.35	0.15	302,302,333	0.0	0.0	0.0	0,0,0
4862	0.20	0.57	0.25	302,302,333	0.0	0.0	0.0	0,0,0
4863	0.24	0.68	0.29	302,302,333	0.0	0.0	0.0	0,0,0
4864	0.25	0.73	0.32	302,301,333	0.0	0.0	0.0	0,0,0
4865	0.58	0.74	0.57	314,314,334	0.33	0.30	0.27	314,331,334
4866	0.18	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4867	0.17	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4868	0.14	0.41	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4869	0.14	0.39	0.17	302,301,333	0.0	0.0	0.0	0,0,0
4870	0.15	0.42	0.18	301,301,333	0.0	0.0	0.0	0,0,0
4871	0.19	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4872	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4873	0.15	0.44	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4874	0.12	0.35	0.15	301,313,333	0.0	0.0	0.0	0,0,0
4875	0.09	0.27	0.11	301,301,333	0.0	0.0	0.0	0,0,0
4876	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4877	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4878	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4879	0.13	0.39	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4880	0.11	0.32	0.13	301,307,334	0.0	0.0	0.0	0,0,0
4881	0.19	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4882	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
4883	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4884	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4885	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4886	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4887	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4888	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4889	0.14	0.40	0.17	307,307,334	0.0	0.0	0.0	0,0,0
4890	0.13	0.37	0.16	307,307,334	0.0	0.0	0.0	0,0,0
4891	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4892	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4893	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4894	0.17	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4895	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4896	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4897	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4898	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4899	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4900	0.15	0.43	0.18	307,307,334	0.0	0.0	0.0	0,0,0
4901	0.17	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4902	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4903	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4904	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4905	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4906	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4907	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4908	0.16	0.48	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4909	0.16	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4910	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4911	0.16	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4912	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4913	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4914	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4915	0.16	0.49	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4916	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4917	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4918	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4919	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4920	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4921	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4922	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4923	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4924	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4925	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4926	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4927	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4928	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4929	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4930	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4931	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4932	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4933	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4934	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4935	0.16	0.49	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4936	0.17	0.51	0.21	301,307,333	0.0	0.0	0.0	0,0,0
4937	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4938	0.16	0.46	0.19	301,301,333	0.0	0.0	0.0	0,0,0
4939	0.16	0.49	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4940	0.14	0.41	0.17	301,301,333	0.0	0.0	0.0	0,0,0
4941	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4942	0.15	0.45	0.19	308,307,334	0.0	0.0	0.0	0,0,0
4943	0.15	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4944	0.16	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4945	0.16	0.49	0.20	307,307,334	0.0	0.0	0.0	0,0,0
4946	0.17	0.51	0.22	301,301,333	0.0	0.0	0.0	0,0,0
4947	0.12	0.37	0.14	305,305,333	0.0	0.0	0.0	0,0,0
4948	0.14	0.43	0.17	301,305,333	0.0	0.0	0.0	0,0,0
4949	0.16	0.47	0.19	301,301,333	0.0	0.0	0.0	0,0,0
4950	0.14	0.42	0.16	305,305,333	0.0	0.0	0.0	0,0,0
4951	0.10	0.32	0.12	305,305,333	0.0	0.0	0.0	0,0,0
4952	0.13	0.38	0.15	301,305,333	0.0	0.0	0.0	0,0,0
4953	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
4954	0.17	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4955	0.12	0.36	0.15	315,307,333	0.0	0.0	0.0	0,0,0
4956	0.12	0.38	0.16	301,307,333	0.0	0.0	0.0	0,0,0
4957	0.13	0.39	0.16	301,307,333	0.0	0.0	0.0	0,0,0
4958	0.14	0.42	0.17	315,307,334	0.0	0.0	0.0	0,0,0
4959	0.12	0.35	0.13	313,313,334	0.0	0.0	0.0	0,0,0
4960	0.15	0.45	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4961	0.15	0.45	0.19	308,307,334	0.0	0.0	0.0	0,0,0
4962	0.17	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4963	0.09	0.28	0.11	313,313,334	0.0	0.0	0.0	0,0,0
4964	0.17	0.52	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4965	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
4966	0.04	0.11	0.04	322,321,333	0.0	0.0	0.0	0,0,0
4967	0.06	0.20	0.08	316,321,333	0.0	0.0	0.0	0,0,0
4968	0.06	0.22	0.07	316,321,334	0.0	0.0	0.0	0,0,0
4969	0.10	0.29	0.13	320,321,333	0.0	0.0	0.0	0,0,0
4970	0.08	0.23	0.09	321,321,333	0.0	0.0	0.0	0,0,0
4971	0.05	0.15	0.06	305,305,333	0.0	0.0	0.0	0,0,0
4972	0.03	0.12	0.03	316,321,334	0.0	0.0	0.0	0,0,0
4973	0.04	0.21	0.05	302,321,333	0.0	0.0	0.0	0,0,0
4974	0.04	0.20	0.05	301,321,333	0.0	0.0	0.0	0,0,0
4975	0.19	0.45	0.23	316,315,333	0.0	0.0	0.0	0,0,0
4976	0.19	0.51	0.24	316,321,334	0.0	0.0	0.0	0,0,0
4978	0.11	0.32	0.14	308,307,334	0.0	0.0	0.0	0,0,0
4979	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
4980	0.09	0.33	0.11	307,313,334	0.0	0.0	0.0	0,0,0
4981	0.37	0.74	0.46	302,322,333	0.46	0.34	0.31	301,331,333
4982	0.10	0.32	0.13	315,315,333	0.0	0.0	0.0	0,0,0
4983	0.15	0.43	0.19	307,307,334	0.0	0.0	0.0	0,0,0
4984	0.13	0.37	0.15	315,321,333	0.0	0.0	0.0	0,0,0
4986	0.21	0.61	0.26	301,301,333	0.0	0.0	0.0	0,0,0
4987	0.33	0.69	0.40	316,316,333	0.35	0.34	0.34	315,323,333
4988	0.06	0.18	0.08	315,321,334	0.0	0.0	0.0	0,0,0
4989	0.22	0.65	0.27	321,321,333	0.0	0.0	0.0	0,0,0
4990	0.09	0.26	0.11	315,315,334	0.0	0.0	0.0	0,0,0
4991	0.32	0.70	0.40	316,315,333	0.35	0.35	0.34	315,325,333
4992	0.09	0.27	0.11	315,321,333	0.0	0.0	0.0	0,0,0
4993	0.10	0.30	0.12	315,321,333	0.0	0.0	0.0	0,0,0
4994	0.05	0.16	0.06	321,321,333	0.0	0.0	0.0	0,0,0
4995	0.07	0.23	0.09	321,321,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
4996	0.12	0.34	0.15	316,321,333	0.0	0.0	0.0	0,0,0
4997	0.12	0.33	0.15	322,321,333	0.0	0.0	0.0	0,0,0
4998	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
4999	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
5000	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
5001	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
5002	0.09	0.27	0.12	316,321,333	0.0	0.0	0.0	0,0,0
5003	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
5004	0.10	0.27	0.12	316,321,333	0.0	0.0	0.0	0,0,0
5005	0.10	0.30	0.13	315,321,333	0.0	0.0	0.0	0,0,0
5006	0.08	0.22	0.10	302,305,333	0.0	0.0	0.0	0,0,0
5007	0.08	0.23	0.10	302,305,333	0.0	0.0	0.0	0,0,0
5008	0.07	0.19	0.08	302,301,333	0.0	0.0	0.0	0,0,0
5009	0.06	0.17	0.08	302,301,333	0.0	0.0	0.0	0,0,0
5010	0.10	0.27	0.12	306,306,333	0.0	0.0	0.0	0,0,0
5011	0.05	0.12	0.06	306,301,333	0.0	0.0	0.0	0,0,0
5012	0.04	0.14	0.04	305,305,333	0.0	0.0	0.0	0,0,0
5013	0.24	0.66	0.28	305,301,333	0.0	0.0	0.0	0,0,0
5014	0.47	0.74	0.48	305,305,334	0.33	0.29	0.26	305,325,334
5015	0.14	0.40	0.16	305,305,333	0.0	0.0	0.0	0,0,0
5016	0.08	0.21	0.07	314,314,334	0.0	0.0	0.0	0,0,0
5017	0.20	0.57	0.25	307,307,334	0.0	0.0	0.0	0,0,0
5018	0.21	0.61	0.27	307,307,334	0.0	0.0	0.0	0,0,0
5019	0.07	0.18	0.09	322,320,333	0.0	0.0	0.0	0,0,0
5020	0.17	0.51	0.21	307,307,334	0.0	0.0	0.0	0,0,0
5021	0.03	0.12	0.04	301,305,333	0.0	0.0	0.0	0,0,0
5022	0.07	0.19	0.08	306,322,333	0.0	0.0	0.0	0,0,0
5023	0.03	0.10	0.04	306,305,333	0.0	0.0	0.0	0,0,0
5024	0.05	0.15	0.07	308,308,334	0.0	0.0	0.0	0,0,0
5025	0.18	0.51	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5026	0.08	0.26	0.08	305,305,333	0.0	0.0	0.0	0,0,0
5027	0.05	0.14	0.06	308,307,334	0.0	0.0	0.0	0,0,0
5028	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
5029	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
5030	0.09	0.24	0.10	305,301,333	0.0	0.0	0.0	0,0,0
5031	0.07	0.20	0.06	314,314,334	0.0	0.0	0.0	0,0,0
5032	0.08	0.22	0.09	305,305,333	0.0	0.0	0.0	0,0,0
5033	0.09	0.24	0.11	306,302,333	0.0	0.0	0.0	0,0,0
5035	0.05	0.15	0.06	315,321,334	0.0	0.0	0.0	0,0,0
5036	0.06	0.22	0.08	316,321,334	0.0	0.0	0.0	0,0,0
5037	0.09	0.25	0.11	301,301,333	0.0	0.0	0.0	0,0,0
5038	0.07	0.21	0.09	308,307,334	0.0	0.0	0.0	0,0,0
5039	0.10	0.27	0.12	308,307,334	0.0	0.0	0.0	0,0,0
5040	0.02	0.08	0.02	306,321,333	0.0	0.0	0.0	0,0,0
5041	0.11	0.33	0.12	305,305,333	0.0	0.0	0.0	0,0,0
5042	0.07	0.20	0.08	305,305,333	0.0	0.0	0.0	0,0,0
5044	0.08	0.22	0.10	316,316,334	0.0	0.0	0.0	0,0,0
5045	0.10	0.29	0.13	307,307,334	0.0	0.0	0.0	0,0,0
5046	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
5047	0.13	0.38	0.17	307,307,334	0.0	0.0	0.0	0,0,0
5048	0.08	0.28	0.10	315,321,334	0.0	0.0	0.0	0,0,0
5049	0.08	0.19	0.10	320,322,333	0.0	0.0	0.0	0,0,0
5050	0.06	0.16	0.07	306,302,333	0.0	0.0	0.0	0,0,0
5051	0.05	0.15	0.07	316,316,334	0.0	0.0	0.0	0,0,0
5053	0.15	0.43	0.19	307,307,334	0.0	0.0	0.0	0,0,0
5054	0.13	0.38	0.16	307,307,334	0.0	0.0	0.0	0,0,0
5055	0.16	0.48	0.21	307,307,334	0.0	0.0	0.0	0,0,0
5056	0.14	0.42	0.18	307,307,334	0.0	0.0	0.0	0,0,0
5057	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5058	0.16	0.46	0.20	307,307,334	0.0	0.0	0.0	0,0,0
5059	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
5060	0.06	0.17	0.07	301,305,333	0.0	0.0	0.0	0,0,0
5061	0.09	0.27	0.09	305,305,333	0.0	0.0	0.0	0,0,0
5062	0.19	0.53	0.23	307,307,334	0.0	0.0	0.0	0,0,0
5063	0.10	0.30	0.12	316,321,333	0.0	0.0	0.0	0,0,0
5064	0.11	0.33	0.14	307,307,334	0.0	0.0	0.0	0,0,0
5065	0.11	0.31	0.13	307,307,334	0.0	0.0	0.0	0,0,0
5066	0.13	0.37	0.16	316,315,334	0.0	0.0	0.0	0,0,0
5067	0.10	0.29	0.12	307,307,334	0.0	0.0	0.0	0,0,0
5068	0.14	0.39	0.17	302,301,333	0.0	0.0	0.0	0,0,0
5069	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5070	0.16	0.47	0.20	307,307,334	0.0	0.0	0.0	0,0,0
5071	0.18	0.54	0.23	307,307,334	0.0	0.0	0.0	0,0,0
5072	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5073	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
5074	0.19	0.55	0.24	307,307,334	0.0	0.0	0.0	0,0,0
5075	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
5076	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
5077	0.21	0.60	0.26	307,307,334	0.0	0.0	0.0	0,0,0
5078	0.21	0.60	0.26	307,307,334	0.0	0.0	0.0	0,0,0
5079	0.21	0.59	0.25	301,301,333	0.0	0.0	0.0	0,0,0
5080	0.08	0.28	0.10	316,321,334	0.0	0.0	0.0	0,0,0
5081	0.09	0.29	0.11	316,321,333	0.0	0.0	0.0	0,0,0
5082	0.08	0.22	0.10	322,315,334	0.0	0.0	0.0	0,0,0
5083	0.08	0.23	0.10	315,315,334	0.0	0.0	0.0	0,0,0
5084	0.20	0.56	0.22	322,322,334	0.0	0.0	0.0	0,0,0
5085	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5086	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5087	0.18	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5088	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
5089	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
5090	0.19	0.55	0.23	307,307,334	0.0	0.0	0.0	0,0,0
5091	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
5092	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
5093	0.19	0.57	0.24	307,307,334	0.0	0.0	0.0	0,0,0
5094	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
5095	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
5096	0.20	0.59	0.25	307,307,334	0.0	0.0	0.0	0,0,0
5097	0.19	0.56	0.23	307,307,334	0.0	0.0	0.0	0,0,0
5098	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
5099	0.21	0.60	0.26	307,307,334	0.0	0.0	0.0	0,0,0
5100	0.19	0.55	0.23	301,307,333	0.0	0.0	0.0	0,0,0
5101	0.20	0.58	0.25	307,307,334	0.0	0.0	0.0	0,0,0
5102	0.21	0.60	0.26	301,307,334	0.0	0.0	0.0	0,0,0
5103	0.18	0.53	0.22	301,305,333	0.0	0.0	0.0	0,0,0
5104	0.07	0.21	0.06	305,305,333	0.0	0.0	0.0	0,0,0
5105	0.08	0.22	0.09	308,307,334	0.0	0.0	0.0	0,0,0
5106	0.16	0.46	0.19	305,305,333	0.0	0.0	0.0	0,0,0
5107	0.19	0.56	0.24	307,307,334	0.0	0.0	0.0	0,0,0
5108	0.24	0.69	0.30	316,315,334	0.0	0.0	0.0	0,0,0
5109	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5110	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5111	0.17	0.52	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5112	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5113	0.17	0.52	0.21	307,307,334	0.0	0.0	0.0	0,0,0
5114	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5115	0.17	0.51	0.21	307,313,334	0.0	0.0	0.0	0,0,0
5116	0.18	0.54	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5117	0.16	0.49	0.20	301,313,333	0.0	0.0	0.0	0,0,0
5118	0.18	0.53	0.22	307,307,334	0.0	0.0	0.0	0,0,0
5119	0.15	0.46	0.17	305,305,333	0.0	0.0	0.0	0,0,0
5120	0.17	0.51	0.21	301,313,333	0.0	0.0	0.0	0,0,0
5121	0.11	0.35	0.14	315,316,333	0.0	0.0	0.0	0,0,0
5122	0.11	0.35	0.13	316,316,334	0.0	0.0	0.0	0,0,0
5123	0.06	0.19	0.07	322,322,334	0.0	0.0	0.0	0,0,0
5124	0.10	0.31	0.12	313,307,334	0.0	0.0	0.0	0,0,0
5125	0.14	0.42	0.17	307,307,334	0.0	0.0	0.0	0,0,0
5126	0.17	0.50	0.21	307,307,334	0.0	0.0	0.0	0,0,0
5127	0.18	0.53	0.22	307,315,334	0.0	0.0	0.0	0,0,0
5128	0.18	0.53	0.22	315,315,334	0.0	0.0	0.0	0,0,0
5129	0.18	0.53	0.22	315,315,334	0.0	0.0	0.0	0,0,0
5130	0.17	0.49	0.21	315,315,334	0.0	0.0	0.0	0,0,0
5131	0.14	0.43	0.18	315,315,334	0.0	0.0	0.0	0,0,0
5132	0.12	0.35	0.14	315,315,334	0.0	0.0	0.0	0,0,0
5133	0.08	0.25	0.10	316,316,334	0.0	0.0	0.0	0,0,0
5134	0.08	0.25	0.10	316,316,334	0.0	0.0	0.0	0,0,0
5135	0.13	0.40	0.17	316,307,334	0.0	0.0	0.0	0,0,0
5136	0.15	0.46	0.19	307,307,334	0.0	0.0	0.0	0,0,0
5137	0.15	0.41	0.18	307,307,334	0.0	0.0	0.0	0,0,0
5138	0.21	0.54	0.23	320,320,334	0.0	0.0	0.0	0,0,0
5139	0.15	0.34	0.18	320,320,334	0.0	0.0	0.0	0,0,0
5314	0.20	0.56	0.22	322,322,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5315	0.19	0.55	0.22	322,322,334	0.0	0.0	0.0	0,0,0
5316	0.17	0.50	0.20	322,322,334	0.0	0.0	0.0	0,0,0
5319	0.22	0.60	0.24	306,306,333	0.0	0.0	0.0	0,0,0
5320	0.13	0.36	0.14	314,314,334	0.0	0.0	0.0	0,0,0
5637	0.18	0.51	0.21	306,306,333	0.0	0.0	0.0	0,0,0
5641	0.19	0.53	0.21	322,322,334	0.0	0.0	0.0	0,0,0
5689	0.05	0.15	0.06	308,308,334	0.0	0.0	0.0	0,0,0
5690	0.05	0.15	0.07	308,307,334	0.0	0.0	0.0	0,0,0
5697	0.11	0.32	0.14	316,316,333	0.0	0.0	0.0	0,0,0
6194	0.09	0.27	0.12	315,316,333	0.0	0.0	0.0	0,0,0
6196	0.07	0.20	0.09	315,315,334	0.0	0.0	0.0	0,0,0
6198	0.15	0.44	0.19	316,316,333	0.0	0.0	0.0	0,0,0
6200	0.12	0.35	0.15	315,315,333	0.0	0.0	0.0	0,0,0
6202	0.09	0.27	0.12	315,316,334	0.0	0.0	0.0	0,0,0
6204	0.20	0.59	0.26	316,316,333	0.0	0.0	0.0	0,0,0
6205	0.16	0.46	0.20	315,315,333	0.0	0.0	0.0	0,0,0
6206	0.13	0.37	0.16	316,316,334	0.0	0.0	0.0	0,0,0
6208	0.07	0.20	0.09	302,302,333	0.0	0.0	0.0	0,0,0
6213	0.29	0.79	0.36	315,315,333	0.48	0.45	0.45	315,325,333
6214	0.06	0.18	0.08	302,302,333	0.0	0.0	0.0	0,0,0
6216	0.22	0.63	0.27	316,316,333	0.0	0.0	0.0	0,0,0
6227	0.21	0.60	0.25	316,316,333	0.0	0.0	0.0	0,0,0
6228	0.12	0.35	0.14	315,321,334	0.0	0.0	0.0	0,0,0
6229	0.06	0.19	0.07	314,305,334	0.0	0.0	0.0	0,0,0
6230	0.07	0.19	0.08	314,314,334	0.0	0.0	0.0	0,0,0
6231	0.09	0.25	0.10	314,314,334	0.0	0.0	0.0	0,0,0
6234	0.06	0.18	0.07	314,313,334	0.0	0.0	0.0	0,0,0
6235	0.07	0.20	0.09	308,308,334	0.0	0.0	0.0	0,0,0
6236	0.06	0.17	0.07	308,308,334	0.0	0.0	0.0	0,0,0
6237	0.11	0.31	0.13	316,316,334	0.0	0.0	0.0	0,0,0
6238	0.08	0.24	0.10	308,307,334	0.0	0.0	0.0	0,0,0
6239	0.25	0.72	0.32	315,315,333	0.46	0.0	0.0	315,0,0
6240	0.28	0.78	0.34	316,316,333	0.49	0.46	0.44	316,326,333
6241	0.23	0.66	0.29	316,316,334	0.0	0.0	0.0	0,0,0
6242	0.21	0.60	0.25	316,316,333	0.0	0.0	0.0	0,0,0
6243	0.18	0.53	0.23	316,316,334	0.0	0.0	0.0	0,0,0
6244	0.13	0.37	0.16	316,315,334	0.0	0.0	0.0	0,0,0
6245	0.14	0.41	0.18	316,315,334	0.0	0.0	0.0	0,0,0
6246	0.14	0.41	0.18	316,315,334	0.0	0.0	0.0	0,0,0
6247	0.12	0.34	0.15	316,316,334	0.0	0.0	0.0	0,0,0
6248	0.16	0.45	0.20	316,315,334	0.0	0.0	0.0	0,0,0
6249	0.18	0.52	0.23	316,315,334	0.0	0.0	0.0	0,0,0
6250	0.16	0.46	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6256	0.15	0.43	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6257	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6258	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6259	0.11	0.31	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6260	0.35	0.56	0.23	305,305,333	0.20	0.14	0.07	305,326,333
6261	0.09	0.26	0.11	302,301,333	0.0	0.0	0.0	0,0,0
6262	0.08	0.23	0.10	302,302,333	0.0	0.0	0.0	0,0,0
6263	0.07	0.21	0.09	302,302,333	0.0	0.0	0.0	0,0,0
6446	0.07	0.19	0.08	302,302,333	0.0	0.0	0.0	0,0,0
6447	0.24	0.65	0.28	321,315,334	0.0	0.0	0.0	0,0,0
6448	0.08	0.23	0.10	315,315,334	0.0	0.0	0.0	0,0,0
6449	0.14	0.44	0.16	308,314,334	0.0	0.0	0.0	0,0,0
6450	0.08	0.23	0.10	307,307,334	0.0	0.0	0.0	0,0,0
6451	0.09	0.30	0.12	307,313,334	0.0	0.0	0.0	0,0,0
6452	0.06	0.17	0.07	305,308,334	0.0	0.0	0.0	0,0,0
6453	0.06	0.16	0.07	308,308,334	0.0	0.0	0.0	0,0,0
6454	0.06	0.18	0.07	308,305,334	0.0	0.0	0.0	0,0,0
6458	0.06	0.18	0.07	308,305,334	0.0	0.0	0.0	0,0,0
6459	0.08	0.25	0.10	307,307,334	0.0	0.0	0.0	0,0,0
6460	0.18	0.52	0.23	315,315,334	0.0	0.0	0.0	0,0,0
6464	0.07	0.20	0.08	307,307,334	0.0	0.0	0.0	0,0,0
6465	0.26	0.72	0.32	315,315,334	0.45	0.0	0.0	315,0,0
6466	0.07	0.20	0.09	307,307,334	0.0	0.0	0.0	0,0,0
6471	0.09	0.26	0.11	302,302,333	0.0	0.0	0.0	0,0,0
6472	0.08	0.25	0.10	307,307,334	0.0	0.0	0.0	0,0,0
6474	0.11	0.37	0.13	307,313,334	0.0	0.0	0.0	0,0,0
6475	0.26	0.71	0.33	315,315,334	0.44	0.41	0.0	315,323,0
6477	0.03	0.08	0.04	315,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6478	0.04	0.11	0.05	315,316,334	0.0	0.0	0.0	0,0,0
6479	0.06	0.17	0.07	316,316,334	0.0	0.0	0.0	0,0,0
6480	0.08	0.24	0.11	316,316,334	0.0	0.0	0.0	0,0,0
6481	0.08	0.23	0.10	316,316,334	0.0	0.0	0.0	0,0,0
6482	0.06	0.16	0.07	316,316,334	0.0	0.0	0.0	0,0,0
6483	0.04	0.10	0.04	316,316,334	0.0	0.0	0.0	0,0,0
6484	0.06	0.19	0.07	321,321,333	0.0	0.0	0.0	0,0,0
6485	0.10	0.31	0.12	315,315,333	0.0	0.0	0.0	0,0,0
6490	0.02	0.06	0.03	315,315,334	0.0	0.0	0.0	0,0,0
6491	0.17	0.50	0.22	316,316,334	0.0	0.0	0.0	0,0,0
6492	0.15	0.43	0.19	308,308,334	0.0	0.0	0.0	0,0,0
6493	0.12	0.35	0.15	308,308,334	0.0	0.0	0.0	0,0,0
6495	0.06	0.19	0.08	307,307,334	0.0	0.0	0.0	0,0,0
6496	0.06	0.16	0.07	302,302,333	0.0	0.0	0.0	0,0,0
6497	0.05	0.14	0.06	302,302,333	0.0	0.0	0.0	0,0,0
6499	0.04	0.11	0.05	302,302,333	0.0	0.0	0.0	0,0,0
6500	0.03	0.08	0.04	301,302,333	0.0	0.0	0.0	0,0,0
6501	0.06	0.19	0.08	302,302,333	0.0	0.0	0.0	0,0,0
6502	0.11	0.32	0.14	316,316,334	0.0	0.0	0.0	0,0,0
6503	0.09	0.26	0.11	316,316,334	0.0	0.0	0.0	0,0,0
6504	0.06	0.16	0.07	302,302,333	0.0	0.0	0.0	0,0,0
6507	0.05	0.14	0.06	302,302,333	0.0	0.0	0.0	0,0,0
6508	0.04	0.11	0.05	301,301,333	0.0	0.0	0.0	0,0,0
6509	0.08	0.23	0.10	315,315,334	0.0	0.0	0.0	0,0,0
6510	0.09	0.27	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6511	0.08	0.24	0.11	302,302,333	0.0	0.0	0.0	0,0,0
6512	0.07	0.20	0.09	302,302,333	0.0	0.0	0.0	0,0,0
6513	0.05	0.15	0.07	315,315,333	0.0	0.0	0.0	0,0,0
6514	0.07	0.20	0.09	302,302,333	0.0	0.0	0.0	0,0,0
6515	0.09	0.27	0.12	302,301,333	0.0	0.0	0.0	0,0,0
6516	0.08	0.24	0.10	302,302,333	0.0	0.0	0.0	0,0,0
6517	0.08	0.23	0.10	302,302,333	0.0	0.0	0.0	0,0,0
6518	0.07	0.22	0.09	302,302,333	0.0	0.0	0.0	0,0,0
6523	0.10	0.29	0.13	302,302,333	0.0	0.0	0.0	0,0,0
6524	0.10	0.28	0.12	302,302,333	0.0	0.0	0.0	0,0,0
6525	0.10	0.28	0.12	302,302,333	0.0	0.0	0.0	0,0,0
6527	0.10	0.28	0.12	302,302,333	0.0	0.0	0.0	0,0,0
6528	0.12	0.36	0.15	316,316,333	0.0	0.0	0.0	0,0,0
6529	0.13	0.37	0.16	316,316,333	0.0	0.0	0.0	0,0,0
6530	0.13	0.37	0.16	316,316,333	0.0	0.0	0.0	0,0,0
6531	0.13	0.37	0.16	316,316,333	0.0	0.0	0.0	0,0,0
6532	0.12	0.35	0.15	316,316,333	0.0	0.0	0.0	0,0,0
6534	0.17	0.48	0.21	316,316,334	0.0	0.0	0.0	0,0,0
6535	0.17	0.48	0.20	316,316,334	0.0	0.0	0.0	0,0,0
6536	0.17	0.48	0.21	316,316,333	0.0	0.0	0.0	0,0,0
6537	0.17	0.48	0.21	316,316,333	0.0	0.0	0.0	0,0,0
6539	0.17	0.48	0.21	316,316,333	0.0	0.0	0.0	0,0,0
6540	0.22	0.62	0.27	316,316,334	0.0	0.0	0.0	0,0,0
6541	0.20	0.58	0.25	316,316,334	0.0	0.0	0.0	0,0,0
6543	0.21	0.59	0.25	316,316,334	0.0	0.0	0.0	0,0,0
6544	0.21	0.62	0.26	316,316,333	0.0	0.0	0.0	0,0,0
6545	0.13	0.37	0.16	316,316,334	0.0	0.0	0.0	0,0,0
6546	0.24	0.68	0.30	316,315,334	0.0	0.0	0.0	0,0,0
6547	0.22	0.64	0.28	316,316,334	0.0	0.0	0.0	0,0,0
6548	0.23	0.66	0.28	316,316,334	0.0	0.0	0.0	0,0,0
6551	0.26	0.71	0.31	316,316,333	0.44	0.0	0.0	316,0,0
6552	0.29	0.80	0.35	316,316,333	0.49	0.46	0.45	316,326,333
6553	0.29	0.80	0.34	322,316,333	0.50	0.47	0.46	316,326,333
6554	0.24	0.68	0.30	316,316,334	0.0	0.0	0.0	0,0,0
6555	0.22	0.64	0.28	316,316,334	0.0	0.0	0.0	0,0,0
6556	0.23	0.66	0.28	316,316,334	0.0	0.0	0.0	0,0,0
6559	0.26	0.71	0.31	316,316,333	0.43	0.0	0.0	316,0,0
6560	0.33	0.80	0.39	322,316,333	0.47	0.45	0.44	316,326,333
6563	0.23	0.65	0.29	316,316,334	0.0	0.0	0.0	0,0,0
6564	0.21	0.61	0.26	316,316,334	0.0	0.0	0.0	0,0,0
6565	0.22	0.65	0.27	316,316,334	0.0	0.0	0.0	0,0,0
6567	0.26	0.70	0.30	322,322,334	0.43	0.0	0.0	322,0,0
6568	0.33	0.77	0.36	322,322,333	0.43	0.37	0.33	316,326,333
6571	0.08	0.24	0.10	308,308,334	0.0	0.0	0.0	0,0,0
6575	0.18	0.51	0.21	316,316,334	0.0	0.0	0.0	0,0,0
6576	0.19	0.55	0.22	322,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6577	0.24	0.66	0.26	322,322,333	0.0	0.0	0.0	0,0,0
6579	0.29	0.77	0.32	322,322,333	0.46	0.42	0.37	322,326,333
6580	0.16	0.45	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6585	0.15	0.42	0.17	322,316,334	0.0	0.0	0.0	0,0,0
6614	0.19	0.54	0.22	322,322,333	0.0	0.0	0.0	0,0,0
6615	0.44	0.69	0.24	306,306,334	0.30	0.22	0.12	306,331,334
6618	0.14	0.41	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6619	0.09	0.25	0.10	314,314,334	0.0	0.0	0.0	0,0,0
6630	0.14	0.39	0.17	316,316,334	0.0	0.0	0.0	0,0,0
6632	0.16	0.46	0.19	316,316,334	0.0	0.0	0.0	0,0,0
6633	0.16	0.47	0.20	316,316,333	0.0	0.0	0.0	0,0,0
6634	0.13	0.38	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6635	0.22	0.63	0.27	316,316,333	0.0	0.0	0.0	0,0,0
6639	0.14	0.41	0.17	316,316,334	0.0	0.0	0.0	0,0,0
6642	0.15	0.42	0.18	316,316,334	0.0	0.0	0.0	0,0,0
6643	0.15	0.42	0.18	316,316,334	0.0	0.0	0.0	0,0,0
6650	0.21	0.59	0.25	316,316,333	0.0	0.0	0.0	0,0,0
6651	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6768	0.18	0.52	0.22	308,308,334	0.0	0.0	0.0	0,0,0
6771	0.16	0.45	0.19	316,316,334	0.0	0.0	0.0	0,0,0
6932	0.15	0.44	0.19	316,316,334	0.0	0.0	0.0	0,0,0
6936	0.14	0.40	0.18	316,316,334	0.0	0.0	0.0	0,0,0
6937	0.12	0.35	0.15	316,316,334	0.0	0.0	0.0	0,0,0
6940	0.10	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6942	0.12	0.33	0.14	316,316,334	0.0	0.0	0.0	0,0,0
6947	0.18	0.52	0.23	316,316,334	0.0	0.0	0.0	0,0,0
6950	0.18	0.51	0.22	316,316,334	0.0	0.0	0.0	0,0,0
6952	0.15	0.43	0.19	315,315,334	0.0	0.0	0.0	0,0,0
6954	0.11	0.32	0.14	316,316,334	0.0	0.0	0.0	0,0,0
6957	0.19	0.54	0.24	316,315,334	0.0	0.0	0.0	0,0,0
6959	0.25	0.72	0.31	316,316,334	0.0	0.0	0.0	0,0,0
6960	0.23	0.67	0.29	315,315,334	0.0	0.0	0.0	0,0,0
6961	0.17	0.49	0.21	315,315,334	0.0	0.0	0.0	0,0,0
6962	0.11	0.32	0.14	315,315,334	0.0	0.0	0.0	0,0,0
6969	0.33	0.80	0.40	316,316,334	0.43	0.42	0.40	316,331,334
6985	0.16	0.46	0.20	316,316,334	0.0	0.0	0.0	0,0,0
6988	0.37	0.79	0.45	316,315,334	0.48	0.45	0.45	316,327,334
6989	0.29	0.79	0.35	315,315,334	0.48	0.45	0.44	315,330,334
6990	0.18	0.54	0.22	315,315,334	0.0	0.0	0.0	0,0,0
6991	0.08	0.22	0.09	308,308,334	0.0	0.0	0.0	0,0,0
7072	0.09	0.25	0.11	302,301,333	0.0	0.0	0.0	0,0,0
7073	0.20	0.57	0.22	322,322,334	0.0	0.0	0.0	0,0,0
7075	0.35	0.78	0.43	316,322,334	0.48	0.42	0.40	322,331,334
7129	0.25	0.71	0.31	316,316,334	0.0	0.0	0.0	0,0,0
7139	0.30	0.79	0.36	315,321,334	0.50	0.46	0.44	321,330,334
7165	0.19	0.56	0.23	315,315,334	0.0	0.0	0.0	0,0,0
7166	0.13	0.37	0.15	315,315,334	0.0	0.0	0.0	0,0,0
7170	0.11	0.33	0.13	315,321,334	0.0	0.0	0.0	0,0,0
7347	0.20	0.57	0.23	322,322,334	0.0	0.0	0.0	0,0,0
7633	0.31	0.78	0.37	322,322,334	0.50	0.41	0.39	316,331,334
8235	0.32	0.80	0.39	321,315,334	0.52	0.49	0.48	315,327,334
8236	0.30	0.80	0.36	321,315,334	0.51	0.48	0.47	315,327,334
8237	0.19	0.56	0.24	315,315,334	0.0	0.0	0.0	0,0,0
8238	0.13	0.39	0.17	315,315,334	0.0	0.0	0.0	0,0,0
8239	0.10	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
8240	0.18	0.51	0.21	322,322,334	0.0	0.0	0.0	0,0,0
8241	0.28	0.79	0.34	316,316,334	0.50	0.47	0.45	316,331,334
8242	0.35	0.79	0.41	316,316,334	0.50	0.47	0.40	316,331,334
8244	0.28	0.80	0.35	315,315,334	0.51	0.48	0.47	315,330,334
8245	0.19	0.56	0.24	315,315,334	0.0	0.0	0.0	0,0,0
8246	0.13	0.39	0.17	315,315,334	0.0	0.0	0.0	0,0,0
8247	0.10	0.28	0.12	307,307,334	0.0	0.0	0.0	0,0,0
8248	0.15	0.44	0.18	322,322,334	0.0	0.0	0.0	0,0,0
8249	0.23	0.65	0.27	322,316,334	0.0	0.0	0.0	0,0,0
8250	0.28	0.77	0.33	316,316,334	0.48	0.45	0.0	316,331,0
8253	0.18	0.52	0.22	316,315,334	0.0	0.0	0.0	0,0,0
8254	0.13	0.38	0.16	315,307,334	0.0	0.0	0.0	0,0,0
8255	0.10	0.29	0.12	307,307,334	0.0	0.0	0.0	0,0,0
8256	0.11	0.32	0.13	322,322,334	0.0	0.0	0.0	0,0,0
8257	0.16	0.44	0.18	322,316,334	0.0	0.0	0.0	0,0,0
8258	0.18	0.52	0.22	322,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8259	0.19	0.55	0.23	316,316,334	0.0	0.0	0.0	0,0,0
8260	0.16	0.46	0.20	316,316,334	0.0	0.0	0.0	0,0,0
8261	0.15	0.42	0.18	316,316,334	0.0	0.0	0.0	0,0,0
8262	0.12	0.34	0.15	308,308,334	0.0	0.0	0.0	0,0,0
8263	0.09	0.26	0.11	308,307,334	0.0	0.0	0.0	0,0,0
8264	0.09	0.26	0.09	305,305,333	0.0	0.0	0.0	0,0,0
8265	0.11	0.30	0.12	322,322,334	0.0	0.0	0.0	0,0,0
8266	0.13	0.36	0.15	322,322,334	0.0	0.0	0.0	0,0,0
8267	0.13	0.37	0.15	322,316,334	0.0	0.0	0.0	0,0,0
8268	0.13	0.37	0.15	322,316,334	0.0	0.0	0.0	0,0,0
8269	0.11	0.32	0.13	316,316,334	0.0	0.0	0.0	0,0,0
8270	0.10	0.30	0.12	308,308,334	0.0	0.0	0.0	0,0,0
8271	0.08	0.22	0.10	302,302,333	0.0	0.0	0.0	0,0,0
8272	0.10	0.29	0.11	305,305,333	0.0	0.0	0.0	0,0,0
8273	0.09	0.26	0.09	305,305,333	0.0	0.0	0.0	0,0,0
8274	0.09	0.24	0.09	322,322,334	0.0	0.0	0.0	0,0,0
8275	0.10	0.27	0.11	322,322,334	0.0	0.0	0.0	0,0,0
8276	0.10	0.27	0.11	322,322,334	0.0	0.0	0.0	0,0,0
8278	0.24	0.69	0.30	316,316,334	0.0	0.0	0.0	0,0,0
8279	0.08	0.22	0.09	314,308,334	0.0	0.0	0.0	0,0,0
8280	0.11	0.32	0.12	305,305,333	0.0	0.0	0.0	0,0,0
8281	0.10	0.28	0.11	305,305,333	0.0	0.0	0.0	0,0,0
8282	0.08	0.24	0.09	305,305,333	0.0	0.0	0.0	0,0,0
8283	0.07	0.21	0.08	314,305,333	0.0	0.0	0.0	0,0,0
8284	0.08	0.22	0.08	314,314,334	0.0	0.0	0.0	0,0,0
8285	0.08	0.23	0.08	314,314,334	0.0	0.0	0.0	0,0,0
8287	0.08	0.23	0.09	314,314,334	0.0	0.0	0.0	0,0,0
8288	0.11	0.33	0.13	305,305,333	0.0	0.0	0.0	0,0,0
8289	0.10	0.30	0.12	305,305,333	0.0	0.0	0.0	0,0,0
8290	0.09	0.26	0.09	305,305,333	0.0	0.0	0.0	0,0,0
8291	0.07	0.21	0.08	305,305,333	0.0	0.0	0.0	0,0,0
8292	0.07	0.20	0.07	314,305,333	0.0	0.0	0.0	0,0,0
8293	0.09	0.24	0.09	314,314,334	0.0	0.0	0.0	0,0,0
8294	0.09	0.25	0.10	314,314,334	0.0	0.0	0.0	0,0,0
8296	0.12	0.34	0.14	315,321,333	0.0	0.0	0.0	0,0,0
8297	0.11	0.32	0.12	305,305,333	0.0	0.0	0.0	0,0,0
8298	0.09	0.28	0.10	305,305,333	0.0	0.0	0.0	0,0,0
8299	0.08	0.22	0.07	305,305,333	0.0	0.0	0.0	0,0,0
8300	0.06	0.18	0.06	321,305,333	0.0	0.0	0.0	0,0,0
8301	0.08	0.23	0.07	314,314,334	0.0	0.0	0.0	0,0,0
8302	0.14	0.37	0.13	314,314,334	0.0	0.0	0.0	0,0,0
8303	0.09	0.27	0.10	314,314,334	0.0	0.0	0.0	0,0,0
8304	0.12	0.35	0.14	315,321,333	0.0	0.0	0.0	0,0,0
8305	0.11	0.33	0.13	321,321,333	0.0	0.0	0.0	0,0,0
8306	0.10	0.30	0.11	305,305,333	0.0	0.0	0.0	0,0,0
8307	0.08	0.26	0.09	305,305,333	0.0	0.0	0.0	0,0,0
8308	0.06	0.20	0.06	305,305,333	0.0	0.0	0.0	0,0,0
8309	0.08	0.23	0.07	314,314,334	0.0	0.0	0.0	0,0,0
8310	0.15	0.41	0.13	314,314,334	0.0	0.0	0.0	0,0,0
8311	0.10	0.28	0.10	314,314,334	0.0	0.0	0.0	0,0,0
8312	0.09	0.24	0.10	308,308,334	0.0	0.0	0.0	0,0,0
8313	0.02	0.05	0.02	313,313,334	0.0	0.0	0.0	0,0,0
8314	0.02	0.06	0.03	301,313,333	0.0	0.0	0.0	0,0,0
8315	0.10	0.27	0.12	308,308,334	0.0	0.0	0.0	0,0,0
8316	0.02	0.06	0.02	313,313,334	0.0	0.0	0.0	0,0,0
8317	0.02	0.06	0.02	313,313,334	0.0	0.0	0.0	0,0,0
8318	0.02	0.06	0.02	307,307,334	0.0	0.0	0.0	0,0,0
8319	0.03	0.08	0.03	307,313,334	0.0	0.0	0.0	0,0,0
8320	0.02	0.06	0.02	307,313,334	0.0	0.0	0.0	0,0,0
8321	0.02	0.07	0.03	313,313,334	0.0	0.0	0.0	0,0,0
8322	0.03	0.08	0.03	313,313,334	0.0	0.0	0.0	0,0,0
8323	0.03	0.10	0.04	302,302,333	0.0	0.0	0.0	0,0,0
8324	0.03	0.09	0.03	307,313,334	0.0	0.0	0.0	0,0,0
8325	0.03	0.10	0.04	307,313,334	0.0	0.0	0.0	0,0,0
8326	0.04	0.11	0.05	302,302,333	0.0	0.0	0.0	0,0,0
8327	0.04	0.12	0.05	302,302,333	0.0	0.0	0.0	0,0,0
8328	0.25	0.65	0.24	313,313,333	0.39	0.0	0.0	313,0,0
8329	0.15	0.44	0.19	301,301,333	0.0	0.0	0.0	0,0,0
8330	0.26	0.71	0.22	305,305,333	0.44	0.0	0.0	305,0,0
8331	0.15	0.45	0.19	301,301,333	0.0	0.0	0.0	0,0,0
8332	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8333	0.15	0.44	0.18	305,305,333	0.0	0.0	0.0	0,0,0
8334	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
8335	0.05	0.15	0.06	302,302,333	0.0	0.0	0.0	0,0,0
8336	0.05	0.14	0.06	302,302,333	0.0	0.0	0.0	0,0,0
8337	0.06	0.17	0.07	302,302,333	0.0	0.0	0.0	0,0,0
8338	0.06	0.16	0.07	302,302,333	0.0	0.0	0.0	0,0,0
8339	0.12	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
8340	0.10	0.29	0.13	301,301,333	0.0	0.0	0.0	0,0,0
8341	0.09	0.25	0.11	302,301,333	0.0	0.0	0.0	0,0,0
8342	0.08	0.22	0.09	302,302,333	0.0	0.0	0.0	0,0,0
8343	0.07	0.19	0.08	302,302,333	0.0	0.0	0.0	0,0,0
8344	0.07	0.19	0.08	302,302,333	0.0	0.0	0.0	0,0,0
8345	0.08	0.22	0.09	302,301,333	0.0	0.0	0.0	0,0,0
8346	0.09	0.25	0.11	301,301,333	0.0	0.0	0.0	0,0,0
8347	0.10	0.29	0.12	301,301,333	0.0	0.0	0.0	0,0,0
8348	0.11	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
8349	0.13	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
8350	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
8351	0.13	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
14794	0.08	0.22	0.09	308,308,334	0.0	0.0	0.0	0,0,0
14795	0.06	0.18	0.08	308,308,334	0.0	0.0	0.0	0,0,0
14809	0.22	0.61	0.16	314,314,334	0.0	0.0	0.0	0,0,0
14828	0.05	0.16	0.07	308,307,334	0.0	0.0	0.0	0,0,0
14861	0.26	0.70	0.33	316,316,334	0.42	0.40	0.39	316,327,334
14862	0.17	0.49	0.21	302,302,333	0.0	0.0	0.0	0,0,0
14863	0.19	0.54	0.23	302,302,333	0.0	0.0	0.0	0,0,0
14869	0.25	0.67	0.22	305,305,333	0.40	0.0	0.0	305,0,0
14873	0.25	0.71	0.30	316,316,333	0.0	0.0	0.0	0,0,0
14911	0.14	0.40	0.18	308,308,334	0.0	0.0	0.0	0,0,0
14912	0.25	0.70	0.30	316,316,333	0.0	0.0	0.0	0,0,0
14913	0.17	0.48	0.20	302,302,333	0.0	0.0	0.0	0,0,0
14929	0.26	0.73	0.32	316,316,333	0.0	0.0	0.0	0,0,0
14965	0.13	0.36	0.16	308,308,334	0.0	0.0	0.0	0,0,0
14966	0.31	0.80	0.38	316,316,333	0.46	0.43	0.43	316,331,334
14967	0.11	0.30	0.13	308,308,334	0.0	0.0	0.0	0,0,0
14968	0.05	0.16	0.07	308,307,334	0.0	0.0	0.0	0,0,0
14969	0.07	0.20	0.08	307,307,334	0.0	0.0	0.0	0,0,0
14971	0.05	0.16	0.07	308,307,334	0.0	0.0	0.0	0,0,0
14972	0.07	0.21	0.09	308,307,334	0.0	0.0	0.0	0,0,0
14973	0.05	0.16	0.07	308,307,334	0.0	0.0	0.0	0,0,0
14974	0.08	0.22	0.09	308,307,334	0.0	0.0	0.0	0,0,0
14975	0.08	0.24	0.10	307,307,334	0.0	0.0	0.0	0,0,0
14976	0.07	0.19	0.08	308,308,334	0.0	0.0	0.0	0,0,0
14977	0.08	0.24	0.10	307,307,334	0.0	0.0	0.0	0,0,0
14978	0.16	0.46	0.20	316,316,333	0.0	0.0	0.0	0,0,0
14979	0.14	0.41	0.17	316,316,334	0.0	0.0	0.0	0,0,0
14980	0.13	0.37	0.16	316,316,334	0.0	0.0	0.0	0,0,0
14981	0.06	0.17	0.07	308,308,334	0.0	0.0	0.0	0,0,0
15010	0.11	0.32	0.14	316,316,334	0.0	0.0	0.0	0,0,0
15013	0.05	0.16	0.06	305,305,333	0.0	0.0	0.0	0,0,0
15014	0.05	0.16	0.06	305,305,334	0.0	0.0	0.0	0,0,0
15015	0.18	0.50	0.20	314,314,334	0.0	0.0	0.0	0,0,0
15017	0.30	0.79	0.36	322,316,334	0.46	0.44	0.42	316,326,333
15018	0.30	0.79	0.37	316,316,334	0.47	0.45	0.44	316,323,333
15019	0.08	0.23	0.09	314,314,334	0.0	0.0	0.0	0,0,0
15020	0.27	0.76	0.33	316,316,334	0.48	0.45	0.0	316,331,0
15021	0.33	0.80	0.40	316,316,334	0.47	0.45	0.44	316,331,334
15022	0.17	0.49	0.21	301,301,333	0.0	0.0	0.0	0,0,0
15023	0.05	0.15	0.06	308,307,334	0.0	0.0	0.0	0,0,0
15024	0.18	0.48	0.21	306,302,333	0.0	0.0	0.0	0,0,0
15025	0.15	0.45	0.15	305,305,333	0.0	0.0	0.0	0,0,0
15177	0.33	0.79	0.39	316,316,334	0.49	0.46	0.40	316,331,334
15179	0.10	0.27	0.10	314,314,334	0.0	0.0	0.0	0,0,0
15185	0.18	0.47	0.19	314,314,334	0.0	0.0	0.0	0,0,0
15186	0.05	0.16	0.07	308,307,334	0.0	0.0	0.0	0,0,0
15188	0.05	0.15	0.07	302,302,333	0.0	0.0	0.0	0,0,0
15189	0.40	0.61	0.24	314,314,334	0.25	0.19	0.11	314,331,334
15190	0.04	0.13	0.06	302,302,333	0.0	0.0	0.0	0,0,0
15191	0.25	0.63	0.25	314,314,334	0.37	0.0	0.0	314,0,0
15193	0.30	0.79	0.37	322,316,333	0.48	0.45	0.45	316,323,333
15197	0.03	0.10	0.04	302,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15198	0.27	0.75	0.32	322,322,334	0.48	0.44	0.0	316,331,0
15199	0.32	0.80	0.39	316,316,333	0.46	0.43	0.40	322,331,333
15201	0.13	0.37	0.15	314,314,334	0.0	0.0	0.0	0,0,0
15202	0.27	0.79	0.34	315,315,333	0.51	0.48	0.47	315,325,333
15203	0.25	0.72	0.31	315,315,334	0.0	0.0	0.0	0,0,0
15204	0.28	0.75	0.33	322,322,334	0.45	0.43	0.40	322,331,334
15206	0.14	0.43	0.15	314,314,334	0.0	0.0	0.0	0,0,0
15207	0.23	0.68	0.22	305,305,333	0.0	0.0	0.0	0,0,0
15210	0.38	0.79	0.46	316,315,333	0.51	0.48	0.43	316,327,333
15211	0.28	0.74	0.35	315,315,334	0.48	0.38	0.38	315,327,334
15212	0.29	0.73	0.32	322,322,334	0.41	0.37	0.33	322,331,334
15215	0.38	0.78	0.46	316,316,334	0.44	0.42	0.41	316,327,334
15217	0.28	0.72	0.35	315,315,334	0.41	0.40	0.39	315,327,334
15218	0.24	0.69	0.29	322,316,334	0.0	0.0	0.0	0,0,0
15219	0.29	0.79	0.35	316,316,333	0.48	0.45	0.44	316,326,333
15220	0.10	0.27	0.10	314,314,334	0.0	0.0	0.0	0,0,0
15221	0.32	0.80	0.40	316,316,333	0.50	0.47	0.47	315,323,333
15225	0.26	0.69	0.32	316,316,334	0.42	0.39	0.0	316,327,0
15240	0.17	0.47	0.20	302,302,333	0.0	0.0	0.0	0,0,0
15241	0.16	0.45	0.20	302,301,333	0.0	0.0	0.0	0,0,0
15244	0.15	0.43	0.19	301,301,333	0.0	0.0	0.0	0,0,0
15245	0.13	0.38	0.17	301,301,333	0.0	0.0	0.0	0,0,0
15247	0.11	0.32	0.14	301,301,333	0.0	0.0	0.0	0,0,0
15249	0.03	0.07	0.03	302,313,333	0.0	0.0	0.0	0,0,0
15252	0.18	0.50	0.22	302,302,333	0.0	0.0	0.0	0,0,0
15253	0.17	0.49	0.21	302,301,333	0.0	0.0	0.0	0,0,0
15255	0.15	0.43	0.19	301,301,333	0.0	0.0	0.0	0,0,0
15258	0.12	0.35	0.15	301,301,333	0.0	0.0	0.0	0,0,0
15259	0.19	0.55	0.23	302,302,333	0.0	0.0	0.0	0,0,0
15261	0.20	0.58	0.25	302,302,333	0.0	0.0	0.0	0,0,0
15262	0.20	0.57	0.25	302,302,333	0.0	0.0	0.0	0,0,0
15263	0.17	0.50	0.22	301,301,333	0.0	0.0	0.0	0,0,0
15264	0.13	0.38	0.17	301,301,333	0.0	0.0	0.0	0,0,0
15265	0.17	0.49	0.21	302,302,333	0.0	0.0	0.0	0,0,0
15266	0.12	0.36	0.15	308,308,334	0.0	0.0	0.0	0,0,0
15268	0.26	0.73	0.32	316,316,333	0.47	0.0	0.0	316,0,0
15271	0.21	0.61	0.26	301,301,333	0.0	0.0	0.0	0,0,0
15272	0.17	0.48	0.21	316,316,334	0.0	0.0	0.0	0,0,0
15274	0.18	0.51	0.21	322,316,334	0.0	0.0	0.0	0,0,0
15276	0.19	0.54	0.23	322,316,333	0.0	0.0	0.0	0,0,0
15277	0.21	0.59	0.25	322,316,333	0.0	0.0	0.0	0,0,0
15278	0.18	0.52	0.22	308,308,334	0.0	0.0	0.0	0,0,0
15282	0.12	0.34	0.14	322,316,334	0.0	0.0	0.0	0,0,0
15283	0.13	0.35	0.15	322,316,334	0.0	0.0	0.0	0,0,0
15286	0.08	0.23	0.09	314,308,334	0.0	0.0	0.0	0,0,0
15287	0.08	0.21	0.09	322,316,334	0.0	0.0	0.0	0,0,0
15289	0.08	0.25	0.09	321,321,333	0.0	0.0	0.0	0,0,0
15293	0.14	0.41	0.17	322,316,334	0.0	0.0	0.0	0,0,0
15296	0.11	0.31	0.13	322,316,334	0.0	0.0	0.0	0,0,0
17263	0.64	0.79	0.66	306,306,333	0.36	0.37	0.32	306,326,333
17264	0.29	0.72	0.36	307,307,334	0.45	0.37	0.36	307,330,334
17265	0.28	0.77	0.32	314,308,334	0.50	0.47	0.0	307,331,0
17266	0.25	0.76	0.31	307,313,334	0.0	0.0	0.0	0,0,0
17267	0.28	0.75	0.34	313,313,334	0.45	0.43	0.41	313,330,334
17268	0.36	0.76	0.43	305,305,333	0.47	0.25	0.21	305,331,334
17269	0.31	0.80	0.39	308,307,334	0.45	0.44	0.43	307,330,334
17270	0.46	0.76	0.46	306,306,334	0.49	0.33	0.32	306,330,334
17271	0.37	0.77	0.42	306,302,333	0.47	0.44	0.43	302,326,333
17272	0.43	0.78	0.54	301,302,333	0.49	0.46	0.45	302,326,333
17273	0.55	0.73	0.54	322,301,333	0.32	0.35	0.34	301,325,333
17274	0.51	0.76	0.51	313,301,334	0.35	0.37	0.36	301,325,333
17275	0.40	0.80	0.49	302,302,333	0.48	0.45	0.44	301,325,333
17276	0.36	0.80	0.45	301,301,333	0.44	0.42	0.40	301,325,333
17277	0.40	0.79	0.47	305,301,333	0.46	0.43	0.41	301,325,333
17278	0.40	0.80	0.47	305,301,333	0.48	0.45	0.44	301,325,333
17279	0.31	0.79	0.39	316,307,334	0.46	0.43	0.43	315,330,334
17280	0.33	0.77	0.40	308,315,334	0.45	0.41	0.40	316,327,334
17281	0.53	0.77	0.47	306,307,333	0.41	0.40	0.39	306,330,334
17283	0.36	0.80	0.44	313,307,334	0.50	0.48	0.46	307,330,334
17284	0.32	0.79	0.37	313,313,333	0.47	0.44	0.44	316,331,334
17285	0.32	0.78	0.36	313,313,334	0.47	0.45	0.44	307,330,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
17286	0.46	0.80	0.51	305,315,333	0.41	0.42	0.41	307,330,334
17288	0.44	0.80	0.54	316,315,334	0.43	0.42	0.42	307,327,334
17289	0.41	0.80	0.51	316,315,334	0.45	0.42	0.41	315,330,334
17290	0.41	0.79	0.52	316,316,334	0.46	0.44	0.43	316,327,334
17291	0.43	0.79	0.53	316,315,334	0.44	0.43	0.42	315,327,334
17293	0.44	0.80	0.54	315,315,334	0.43	0.42	0.40	315,330,334
17294	0.41	0.80	0.51	315,315,334	0.48	0.45	0.43	315,330,334
17295	0.20	0.56	0.25	308,307,334	0.0	0.0	0.0	0,0,0
17296	0.17	0.49	0.22	302,301,333	0.0	0.0	0.0	0,0,0
17297	0.48	0.80	0.55	306,302,333	0.44	0.42	0.39	302,326,333
17298	0.23	0.46	0.30	306,313,334	0.17	0.16	0.16	307,327,334
17299	0.09	0.29	0.12	313,313,334	0.0	0.0	0.0	0,0,0
17300	0.16	0.49	0.21	307,313,334	0.0	0.0	0.0	0,0,0
17301	0.14	0.40	0.16	313,313,334	0.0	0.0	0.0	0,0,0
17302	0.34	0.51	0.43	308,313,334	0.13	0.13	0.13	319,327,334
17303	0.21	0.65	0.25	314,313,334	0.0	0.0	0.0	0,0,0
17304	0.25	0.72	0.31	308,307,334	0.45	0.0	0.0	307,0,0
17305	0.26	0.66	0.29	314,307,334	0.23	0.20	0.09	321,330,334
17306	0.38	0.70	0.27	321,321,333	0.43	0.18	0.09	321,331,333
17307	0.24	0.72	0.30	315,321,334	0.0	0.0	0.0	0,0,0
17308	0.21	0.60	0.22	321,321,334	0.0	0.0	0.0	0,0,0
17309	0.67	0.77	0.69	322,313,334	0.35	0.38	0.37	313,330,334
17310	0.52	0.68	0.64	308,307,334	0.29	0.31	0.31	307,327,334
17311	0.34	0.78	0.41	313,308,334	0.43	0.41	0.38	314,331,334
17312	0.50	0.80	0.47	314,316,334	0.45	0.42	0.40	316,331,334
17313	0.44	0.80	0.48	314,308,334	0.43	0.42	0.40	314,331,334
17314	0.78	0.73	0.63	314,322,334	0.33	0.28	0.24	322,331,334
17315	0.34	0.75	0.41	313,313,334	0.46	0.38	0.35	313,330,334
17316	0.77	0.75	0.63	314,314,334	0.33	0.31	0.27	314,331,334
Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.78	0.80	0.80		0.52	0.49	0.48	

VERIFICA SOLAIO P1

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata.*

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV,** il rapporto x/d, la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento,* riportando in tabella il rapporto x/d, la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattorei di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione "*Singolo Elemento …*" è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento
Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO

Per gli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*" è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Per le verifiche degli elementi con progettazione "*Singolo Elemento …*" e *Progettazione Composta* è presente una tabella

con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e\o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e\o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria
V sec-	Verifica dell'armatura nella direzione secondaria

Per le verifiche degli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*", oltre alla tabella con le verifiche per gli elementi con progettazione "*Singolo Elemento …*", è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]

A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato Ned/(bw fyd)

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armatura in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armatura in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:
"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
42	36.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
5237	ok	0.0	0.2	5.54e-03	11.8	11.8	11.8	11.8	5.1	21.5	-24.8	1.4	-17.6	10.5
5238	ok	0.0	0.3	4.13e-03	11.8	11.8	11.8	11.8	14.9	12.3	-27.1	-10.7	-20.8	10.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5239	ok	0.0	0.3	6.64e-03	11.8	11.8	11.8	11.8	-6.7	-6.5	-36.7	37.0	6.3	12.0
5240	ok	0.0	0.5	1.30e-02	11.8	11.8	11.8	11.8	-1.1	53.8	-29.8	-14.1	-42.4	21.1
5241	ok	0.0	0.3	5.14e-03	11.8	11.8	11.8	11.8	-0.9	20.4	-21.2	-3.0	-21.5	11.8
5242	ok	0.0	0.3	4.69e-03	11.8	11.8	11.8	11.8	1.5	18.1	-23.0	-5.5	-23.1	12.5
5243	ok	0.0	0.3	4.34e-03	11.8	11.8	11.8	11.8	11.9	15.1	-24.4	-7.6	-22.9	11.6
5244	ok	0.0	0.3	4.21e-03	11.8	11.8	11.8	11.8	14.4	18.4	-31.7	-16.9	-19.3	13.3
5245	ok	0.0	0.3	4.96e-03	11.8	11.8	11.8	11.8	18.9	25.4	-33.9	-28.9	-19.6	4.7
5246	ok	0.0	0.4	6.15e-03	11.8	11.8	11.8	11.8	12.5	37.6	-7.3	-32.4	-18.0	6.4
5247	ok	0.0	0.4	6.99e-03	11.8	11.8	11.8	11.8	3.8	-6.4	-8.6	-33.3	-19.4	15.3
5248	ok	0.0	0.5	7.97e-03	11.8	11.8	11.8	11.8	1.0	-5.5	-9.6	-36.7	-31.8	20.0
5249	ok	0.0	0.6	9.61e-03	11.8	11.8	11.8	11.8	7.4	-1.2	-9.2	-36.4	-37.4	21.0
5250	ok	0.0	0.4	9.30e-03	11.8	11.8	11.8	11.8	1.8	36.3	-24.4	-14.2	-31.1	21.4
5251	ok	0.0	0.3	7.54e-03	11.8	11.8	11.8	11.8	7.1	-0.3	-6.1	-15.4	-22.5	10.2
5252	ok	0.0	0.3	6.30e-03	11.8	11.8	11.8	11.8	-4.3	25.6	-21.2	-1.6	-20.4	14.4
5253	ok	0.0	0.4	6.72e-03	11.8	11.8	11.8	11.8	7.8	36.5	-10.3	-32.0	-24.3	15.1
5254	ok	0.0	0.4	5.02e-03	11.8	11.8	11.8	11.8	8.3	28.7	-30.6	-18.6	-22.2	17.2
5255	ok	0.0	0.3	4.48e-03	11.8	11.8	11.8	11.8	12.0	21.4	-28.1	-11.9	-22.4	14.1
5256	ok	0.0	0.4	7.30e-03	11.8	11.8	11.8	11.8	10.0	39.5	-9.5	-31.1	-24.5	17.6
5257	ok	0.0	0.4	6.40e-03	11.8	11.8	11.8	11.8	6.8	30.1	-27.4	-16.1	-25.3	18.0
5258	ok	0.0	0.3	4.97e-03	11.8	11.8	11.8	11.8	10.8	21.9	-25.9	-16.3	-25.0	6.6
5259	ok	0.0	0.5	8.43e-03	11.8	11.8	11.8	11.8	9.3	0.2	-9.0	-26.5	-30.2	16.7
5260	ok	0.0	0.3	7.16e-03	11.8	11.8	11.8	11.8	7.0	9.97e-02	-10.3	-18.5	-25.4	9.3
5261	ok	0.0	0.3	5.68e-03	11.8	11.8	11.8	11.8	8.4	0.1	-23.8	-13.2	-23.6	7.4
5262	ok	0.0	0.3	6.38e-03	11.8	11.8	11.8	11.8	-10.1	23.9	-11.6	27.8	11.2	10.1
5263	ok	0.0	0.4	1.09e-02	11.8	11.8	11.8	11.8	-21.5	-48.1	33.1	19.1	31.8	18.5
5264	ok	0.0	0.2	5.61e-03	11.8	11.8	11.8	11.8	-31.5	19.2	4.3	10.3	7.2	11.3
5265	ok	0.0	0.2	5.70e-03	11.8	11.8	11.8	11.8	-8.9	22.7	-16.6	8.0	-7.7	11.0
5266	ok	0.0	0.5	1.30e-02	11.8	11.8	11.8	11.8	-89.4	15.3	16.2	34.2	35.6	12.6
5267	ok	0.0	0.4	1.19e-02	11.8	11.8	11.8	11.8	-31.0	-40.7	43.7	22.2	40.5	17.1
5268	ok	0.0	0.3	9.43e-03	11.8	11.8	11.8	11.8	-40.2	-29.7	36.1	11.8	27.4	16.0
5269	ok	0.0	0.3	8.35e-03	11.8	11.8	11.8	11.8	-47.9	9.1	28.0	11.0	20.1	14.4
5270	ok	0.0	0.3	7.36e-03	11.8	11.8	11.8	11.8	-11.5	32.0	-9.6	24.4	15.4	16.1
5271	ok	0.0	0.4	1.01e-02	11.8	11.8	11.8	11.8	-1.9	35.9	-22.7	-12.7	-29.3	16.5
5272	ok	0.0	0.3	8.07e-03	11.8	11.8	11.8	11.8	6.4	-0.7	-17.8	-12.7	-17.8	9.9
5273	ok	0.0	0.2	6.60e-03	11.8	11.8	11.8	11.8	-6.9	20.2	-15.7	3.5	-15.8	12.5
5274	ok	0.0	0.3	9.73e-03	11.8	11.8	11.8	11.8	-48.6	-24.9	35.3	10.5	30.3	14.1
5275	ok	0.0	0.2	8.20e-03	11.8	11.8	11.8	11.8	-52.1	11.6	22.8	9.1	17.8	13.5
5276	ok	0.0	0.2	6.80e-03	11.8	11.8	11.8	11.8	-42.9	12.3	14.1	6.9	14.0	12.7
5277	ok	0.0	0.8	1.87e-02	11.8	11.8	11.8	11.8	-56.0	-46.4	-2.0	58.2	106.4	-11.1
5278	ok	0.0	0.4	1.18e-02	11.8	11.8	11.8	11.8	-13.0	-58.7	-6.3	27.9	36.2	7.9
5279	ok	0.0	0.8	2.26e-02	11.8	11.8	11.8	11.8	-141.7	41.2	12.4	76.6	56.2	11.5
5280	ok	0.0	0.9	4.38e-02	11.8	11.8	12.4	11.8	-211.7	-211.9	101.7	78.1	111.2	-7.7
5281	ok	0.0	0.8	1.62e-02	11.8	11.8	11.8	11.8	-30.9	-51.8	-29.8	59.0	102.9	-2.9
5282	ok	0.0	0.6	1.40e-02	11.8	11.8	11.8	11.8	-16.8	-65.8	-13.0	40.7	62.5	2.6
5283	ok	0.0	0.3	1.42e-02	11.8	11.8	11.8	11.8	-14.3	-79.0	16.0	29.9	32.6	13.0
5284	ok	0.0	0.4	1.35e-02	11.8	11.8	11.8	11.8	-31.7	-73.2	33.4	24.9	32.1	17.8
5285	ok	0.0	0.9	3.42e-02	11.8	11.8	13.1	11.8	-32.0	-190.0	49.4	60.1	104.1	6.6
5286	ok	0.0	0.6	1.88e-02	11.8	11.8	11.8	11.8	-63.5	-68.1	70.6	50.1	65.9	14.5
5287	ok	0.0	0.4	2.01e-02	11.8	11.8	11.8	11.8	-17.2	-111.9	27.8	38.6	47.1	10.0
5288	ok	0.0	0.5	1.64e-02	11.8	11.8	11.8	11.8	-27.7	-83.6	34.7	36.2	51.0	15.0
5290	ok	0.0	0.4	8.85e-03	11.8	11.8	11.8	11.8	-2.5	-3.0	-42.8	51.8	9.0	9.2
5291	ok	0.0	0.6	7.27e-03	11.8	11.8	11.8	11.8	1.1	49.0	-43.8	67.3	12.5	4.6
5295	ok	0.0	0.5	9.08e-03	11.8	11.8	11.8	11.8	2.2	65.0	-43.0	65.6	11.9	5.1
5296	ok	0.0	0.4	1.05e-02	11.8	11.8	11.8	11.8	-5.4	46.3	-43.1	51.4	8.0	10.6
5297	ok	0.0	0.5	1.26e-02	11.8	11.8	11.8	11.8	-17.2	42.2	-21.6	68.4	18.3	2.2
5298	ok	0.0	0.5	1.23e-02	11.8	11.8	11.8	11.8	-20.5	18.8	-28.8	57.9	27.6	-1.4
5299	ok	0.0	0.7	2.06e-02	11.8	11.8	11.8	11.8	-42.4	28.0	-26.2	85.1	57.6	-11.4
5300	ok	0.0	0.7	1.41e-02	11.8	11.8	11.8	11.8	-76.2	13.7	-48.3	73.5	54.5	-5.1
5303	ok	0.0	0.3	6.54e-03	11.8	11.8	11.8	11.8	-6.9	-6.6	-22.6	36.6	7.9	10.4
5304	ok	0.0	0.3	7.31e-03	11.8	11.8	11.8	11.8	-14.9	-7.6	2.2	35.9	9.7	10.1
5305	ok	0.0	0.4	1.14e-02	11.8	11.8	11.8	11.8	-38.8	-10.1	11.7	32.5	9.9	9.0
5311	ok	0.0	0.8	1.46e-02	11.8	11.8	11.8	11.8	-55.0	-17.8	35.8	99.6	22.3	4.2
5312	ok	0.0	0.6	1.31e-02	11.8	11.8	11.8	11.8	-29.9	-5.8	4.5	66.1	18.0	11.9
5313	ok	0.0	0.7	1.01e-02	11.8	11.8	11.8	11.8	-7.4	23.7	-10.6	80.7	16.0	4.0
5314	ok	0.0	0.5	9.14e-03	11.8	11.8	11.8	11.8	-7.7	-2.6	16.2	60.6	14.6	9.8
5315	ok	0.0	0.6	6.48e-03	11.8	11.8	11.8	11.8	-1.6	34.2	-45.6	71.8	13.3	4.3
5316	ok	0.0	0.5	7.74e-03	11.8	11.8	11.8	11.8	-2.9	-5.5	-7.1	54.9	10.6	8.8
5317	ok	0.0	0.7	1.29e-02	11.8	11.8	11.8	11.8	-22.0	-10.6	0.7	21.1	85.3	0.3
5318	ok	0.0	0.4	8.49e-03	11.8	11.8	11.8	11.8	5.9	13.9	8.3	-13.5	-29.5	31.0
5319	ok	0.0	0.7	1.16e-02	11.8	11.8	11.8	11.8	-38.5	-10.7	-9.5	29.9	81.7	4.4
5320	ok	0.0	0.5	9.73e-03	11.8	11.8	11.8	11.8	-30.3	-18.0	-16.5	29.7	64.1	1.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5322	ok	0.0	0.2	4.31e-03	11.8	11.8	11.8	11.8	28.4	7.6	-22.8	-13.9	-17.0	-8.6
5323	ok	0.0	0.2	4.99e-03	11.8	11.8	11.8	11.8	42.0	2.3	-20.0	-17.9	-10.4	-13.2
5324	ok	0.0	0.3	5.46e-03	11.8	11.8	11.8	11.8	54.5	2.8	-17.7	-21.5	-6.1	-15.5
5328	ok	0.0	0.4	1.04e-02	11.8	11.8	11.8	11.8	84.9	14.1	-36.9	-37.7	-4.3	-5.1
5329	ok	0.0	0.4	8.07e-03	11.8	11.8	11.8	11.8	70.3	8.4	-27.1	-38.6	-5.3	-8.1
5330	ok	0.0	0.4	6.48e-03	11.8	11.8	11.8	11.8	58.5	5.0	-21.0	-33.5	-5.6	-11.7
5331	ok	0.0	0.3	6.78e-03	11.8	11.8	11.8	11.8	42.1	20.8	-35.1	-34.9	-8.2	-4.4
5332	ok	0.0	0.3	5.82e-03	11.8	11.8	11.8	11.8	47.1	7.0	-30.1	-36.1	-7.9	-7.2
5333	ok	0.0	0.3	5.36e-03	11.8	11.8	11.8	11.8	44.6	4.1	-23.8	-30.2	-9.1	-10.1
5334	ok	0.0	0.3	5.35e-03	11.8	11.8	11.8	11.8	20.0	23.6	-27.6	-32.9	-10.7	-2.8
5335	ok	0.0	0.3	4.71e-03	11.8	11.8	11.8	11.8	25.8	15.0	-27.0	-30.6	-12.9	-4.7
5336	ok	0.0	0.3	4.44e-03	11.8	11.8	11.8	11.8	29.0	11.0	-25.7	-24.0	-15.1	-6.6
5337	ok	0.0	0.7	6.50e-03	11.8	11.8	11.8	11.8	4.6	12.2	6.8	16.5	87.6	0.8
5338	ok	0.0	0.4	6.47e-03	11.8	11.8	11.8	11.8	-17.6	-5.5	-15.7	4.0	42.5	12.2
5339	ok	0.0	0.7	9.64e-03	11.8	11.8	11.8	11.8	-8.3	7.2	7.6	16.9	82.4	0.5
5340	ok	0.0	0.7	7.49e-03	11.8	11.8	11.8	11.8	3.7	10.4	9.7	16.0	84.1	0.9
5341	ok	0.0	0.6	7.13e-03	11.8	11.8	11.8	11.8	-7.6	12.4	5.7	13.2	72.2	9.3
5342	ok	0.0	0.5	6.77e-03	11.8	11.8	11.8	11.8	-20.5	2.3	3.8	10.5	56.8	8.2
5343	ok	0.0	0.4	6.77e-03	11.8	11.8	11.8	11.8	7.8	8.8	5.1	-18.0	-28.9	23.4
5344	ok	0.0	0.4	7.29e-03	11.8	11.8	11.8	11.8	4.3	8.4	8.7	-18.0	-28.9	28.4
5345	ok	0.0	0.6	8.21e-03	11.8	11.8	11.8	11.8	-13.5	11.8	7.5	13.9	71.9	10.0
5346	ok	0.0	0.6	9.66e-03	11.8	11.8	11.8	11.8	-28.4	10.4	3.1	16.6	73.8	8.2
5347	ok	0.0	0.5	7.43e-03	11.8	11.8	11.8	11.8	-25.5	-1.1	1.3	13.0	57.3	7.6
5348	ok	0.0	0.5	8.09e-03	11.8	11.8	11.8	11.8	-30.2	-5.3	-5.2	18.4	59.6	5.1
5351	ok	0.0	0.5	2.75e-02	11.8	11.8	11.8	11.8	19.9	-121.9	-50.1	4.4	-50.4	7.7
5352	ok	0.0	0.4	8.58e-02	11.8	11.8	11.8	11.8	7.5	-564.3	27.7	0.2	-52.5	-3.0
5353	ok	0.0	0.2	7.12e-03	11.8	11.8	11.8	11.8	-5.7	13.1	26.1	-18.5	-9.0	-3.7
5356	ok	0.0	0.3	8.00e-03	11.8	11.8	11.8	11.8	12.9	-7.4	7.0	-28.9	8.0	3.8
5357	ok	0.0	0.2	7.19e-03	11.8	11.8	11.8	11.8	-8.2	14.8	27.3	-19.8	-6.3	-0.8
5358	ok	0.0	0.3	1.05e-02	11.8	11.8	11.8	11.8	11.4	-10.1	9.6	-31.6	12.1	-0.2
5359	ok	0.0	0.3	7.33e-03	11.8	11.8	11.8	11.8	4.3	-0.9	8.2	-25.8	-9.5	3.5
5360	ok	0.0	0.3	7.08e-03	11.8	11.8	11.8	11.8	27.2	9.1	21.2	-24.4	-11.5	2.3
5361	ok	0.0	0.2	7.03e-03	11.8	11.8	11.8	11.8	3.7	10.1	22.0	-22.4	-11.5	-0.3
5362	ok	0.0	0.3	8.12e-03	11.8	11.8	11.8	11.8	8.3	-9.5	11.3	-31.9	6.0	-0.9
5363	ok	0.0	0.3	7.75e-03	11.8	11.8	11.8	11.8	4.4	-7.2	12.3	-30.5	4.0	-2.0
5364	ok	0.0	0.3	7.33e-03	11.8	11.8	11.8	11.8	20.4	11.5	22.9	-23.6	-9.1	0.5
5381	ok	0.0	0.8	6.40e-03	11.8	11.8	11.8	11.8	5.3	12.2	4.3	17.1	91.4	0.3
5382	ok	0.0	0.4	7.37e-03	11.8	11.8	11.8	11.8	-17.4	-3.4	-14.4	3.4	42.5	10.4
5383	ok	0.0	0.6	6.32e-03	11.8	11.8	11.8	11.8	-7.5	11.9	4.3	13.2	73.7	7.4
5384	ok	0.0	0.5	6.68e-03	11.8	11.8	11.8	11.8	-11.0	-1.3	-16.1	7.4	57.2	10.1
5393	ok	0.0	1.0	7.50e-02	11.8	11.8	11.8	11.8	-125.5	-33.3	6.6	39.0	124.6	0.5
5394	ok	0.0	0.4	1.66e-02	11.8	11.8	11.8	11.8	-33.6	-33.2	30.5	12.0	45.8	6.8
5395	ok	0.0	0.8	6.43e-03	11.8	11.8	11.8	11.8	5.3	7.7	6.2	16.4	94.9	4.0
5396	ok	0.0	0.8	7.56e-03	11.8	11.8	11.8	11.8	7.6	9.6	6.0	18.1	97.8	3.9
5397	ok	0.0	0.8	1.57e-02	11.8	11.8	11.8	11.8	-13.1	18.0	5.9	18.7	100.1	4.1
5398	ok	0.0	0.9	3.92e-02	11.8	11.8	11.8	11.8	-59.7	10.7	4.5	23.4	100.1	5.8
5399	ok	0.0	0.7	3.10e-02	11.8	11.8	11.8	11.8	-63.5	-30.8	33.1	30.8	91.8	4.9
5400	ok	0.0	0.5	2.03e-02	11.8	11.8	11.8	11.8	-31.3	-32.4	33.8	19.7	66.5	7.2
5401	ok	0.0	0.4	1.49e-02	11.8	11.8	11.8	11.8	-19.8	-16.0	27.4	9.6	45.5	9.0
5402	ok	0.0	0.4	1.28e-02	11.8	11.8	11.8	11.8	-21.0	-4.5	20.7	6.6	44.5	10.3
5403	ok	0.0	0.4	1.09e-02	11.8	11.8	11.8	11.8	-20.1	-0.5	13.8	4.4	43.3	11.3
5404	ok	0.0	0.4	9.01e-03	11.8	11.8	11.8	11.8	-18.1	-0.7	8.5	3.8	42.5	8.4
5405	ok	0.0	0.7	2.53e-02	11.8	11.8	11.8	11.8	-50.7	14.1	32.4	21.7	84.2	5.4
5406	ok	0.0	0.7	1.77e-02	11.8	11.8	11.8	11.8	-26.2	16.6	15.5	14.8	80.4	6.6
5407	ok	0.0	0.7	1.16e-02	11.8	11.8	11.8	11.8	-10.1	13.7	10.6	13.3	77.8	8.0
5408	ok	0.0	0.6	7.79e-03	11.8	11.8	11.8	11.8	-2.6	9.7	-21.6	11.9	75.6	7.0
5409	ok	0.0	0.5	1.80e-02	11.8	11.8	11.8	11.8	-31.2	-9.6	28.8	15.8	64.9	9.4
5410	ok	0.0	0.5	1.50e-02	11.8	11.8	11.8	11.8	-23.2	1.9	18.4	10.9	61.8	9.7
5411	ok	0.0	0.5	1.18e-02	11.8	11.8	11.8	11.8	-16.6	3.6	10.4	8.5	59.6	10.5
5412	ok	0.0	0.5	8.59e-03	11.8	11.8	11.8	11.8	-11.3	2.3	6.6	8.1	58.0	7.9
5413	ok	0.0	0.2	1.24e-02	11.8	11.8	11.8	11.8	-3.8	-30.4	-8.0	8.3	14.0	-11.5
5414	ok	0.0	0.3	1.14e-02	11.8	11.8	11.8	11.8	16.8	22.4	16.0	-17.1	-20.5	-10.0
5415	ok	0.0	0.3	7.40e-03	11.8	11.8	11.8	11.8	-41.6	25.4	-31.2	18.0	23.6	7.9
5416	ok	0.0	0.3	8.95e-03	11.8	11.8	11.8	11.8	-29.0	6.7	-36.6	21.2	32.2	18.2
5417	ok	0.0	0.5	8.37e-03	11.8	11.8	11.8	11.8	-16.7	-6.8	-35.4	25.1	56.7	25.8
5418	ok	0.0	0.7	7.08e-03	11.8	11.8	11.8	11.8	-11.3	-12.5	-28.8	15.2	86.5	13.2
5419	ok	0.0	0.4	1.14e-02	11.8	11.8	11.8	11.8	47.0	-1.6	10.3	-34.6	-1.1	-16.1
5420	ok	0.0	0.3	6.46e-03	11.8	11.8	11.8	11.8	19.9	-1.1	11.2	-25.6	-4.3	-18.6
5421	ok	0.0	0.2	4.19e-03	11.8	11.8	11.8	11.8	6.1	3.7	5.1	-20.1	-11.3	-11.3
5422	ok	0.0	0.2	3.64e-03	11.8	11.8	11.8	11.8	16.9	-8.0	0.9	-19.4	-10.9	-5.1
5423	ok	0.0	1.0	5.20e-03	11.8	24.4	11.8	27.4	1.0	21.6	-9.1	172.0	222.6	-45.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5424	ok	0.0	0.4	6.22e-03	11.8	11.8	11.8	11.8	0.7	14.3	-19.8	43.4	36.6	5.9
5425	ok	0.0	0.3	9.32e-03	11.8	11.8	11.8	11.8	-16.8	-49.4	27.6	16.5	24.6	16.1
5426	ok	0.0	0.4	7.90e-03	11.8	11.8	11.8	11.8	-11.1	-38.7	20.9	11.7	42.0	11.7
5427	ok	0.0	1.0	7.49e-03	11.8	11.8	11.8	16.3	-6.5	21.1	-11.7	82.0	140.5	-22.8
5428	ok	0.0	0.4	7.16e-03	11.8	11.8	11.8	11.8	-3.8	20.8	-18.1	36.8	37.0	9.8
5429	ok	0.0	0.4	7.94e-03	11.8	11.8	11.8	11.8	-22.5	-1.1	6.8	3.8	34.2	19.6
5430	ok	0.0	0.3	8.71e-03	11.8	11.8	11.8	11.8	-30.3	-32.9	30.0	11.6	25.6	13.9
5431	ok	0.0	0.3	8.33e-03	11.8	11.8	11.8	11.8	4.1	-19.5	-13.3	-25.7	25.8	7.7
5432	ok	0.0	0.3	6.81e-03	11.8	11.8	11.8	11.8	6.0	-28.6	-4.7	-13.1	31.9	4.7
5438	ok	0.0	0.4	6.76e-03	11.8	11.8	11.8	11.8	-14.1	-21.9	21.8	7.1	43.9	12.7
5439	ok	0.0	0.9	7.31e-03	11.8	11.8	11.8	11.8	0.9	-13.0	-3.2	61.2	75.8	-7.5
5440	ok	0.0	0.3	7.79e-03	11.8	11.8	11.8	11.8	-15.5	-30.2	24.2	10.2	30.0	11.5
5441	ok	0.0	0.4	7.56e-03	11.8	11.8	11.8	11.8	-19.0	-1.3	8.3	3.8	48.6	15.4
5442	ok	0.0	0.7	7.43e-03	11.8	11.8	11.8	11.8	-15.0	1.9	6.8	30.3	59.9	26.1
5443	ok	0.0	0.4	1.01e-02	11.8	11.8	11.8	11.8	-12.8	-19.9	1.1	27.4	14.4	24.8
5444	ok	0.0	0.8	7.06e-03	11.8	11.8	11.8	13.8	-10.3	-11.0	0.6	36.7	66.1	19.8
5445	ok	0.0	0.3	1.12e-02	11.8	11.8	11.8	11.8	-13.4	-61.8	26.9	24.1	20.4	15.4
5446	ok	0.0	0.3	1.13e-02	11.8	11.8	11.8	11.8	-11.4	-63.2	10.3	30.0	21.8	14.6
5447	ok	0.0	0.6	8.86e-03	11.8	11.8	11.8	11.8	0.4	-32.6	-15.2	28.4	44.9	28.4
5448	ok	0.0	1.0	7.52e-03	15.0	29.6	21.6	38.1	-4.9	-53.0	-5.5	177.0	266.4	109.1
5449	ok	0.0	0.8	7.88e-03	11.8	11.8	11.8	12.9	-9.0	14.8	-2.7	-34.4	39.9	75.6
5450	ok	0.0	1.0	9.15e-03	11.8	11.8	17.1	16.7	-0.5	12.8	-5.1	90.8	166.8	1.2
5451	ok	0.0	0.4	9.90e-03	11.8	11.8	11.8	11.8	-9.0	-38.0	19.3	27.3	45.0	1.2
5452	ok	0.0	0.3	6.77e-03	11.8	11.8	11.8	11.8	-10.2	-34.0	-16.1	13.0	36.2	18.2
5453	ok	0.0	1.0	3.84e-02	11.8	11.8	11.8	18.8	-12.6	-99.5	115.6	58.3	187.6	-1.9
5454	ok	0.0	0.3	1.61e-02	11.8	11.8	11.8	11.8	-23.1	-97.2	-15.8	15.3	39.9	3.9
5455	ok	0.0	1.0	7.51e-02	11.8	11.8	11.8	12.6	-150.1	-30.3	38.0	41.2	125.4	8.3
5456	ok	0.0	1.0	7.29e-02	11.8	11.8	11.8	11.8	-125.1	-77.0	78.4	44.9	117.3	-0.5
5457	ok	0.0	0.9	3.57e-02	11.8	11.8	11.8	11.8	-68.1	-120.8	38.1	29.4	127.9	10.1
5458	ok	0.0	0.4	2.07e-02	11.8	11.8	11.8	11.8	-28.3	-125.1	6.6	23.3	65.1	9.1
5459	ok	0.0	0.3	1.51e-02	11.8	11.8	11.8	11.8	-29.4	-69.2	15.1	13.8	45.9	6.5
5460	ok	0.0	0.4	1.43e-02	11.8	11.8	11.8	11.8	-1.6	-58.1	28.4	13.3	46.1	5.0
5461	ok	0.0	0.8	3.47e-02	11.8	11.8	11.8	11.8	-53.2	-110.6	52.8	30.9	97.2	2.7
5462	ok	0.0	0.7	3.25e-02	11.8	11.8	11.8	11.8	-65.5	-106.8	42.3	31.7	99.6	3.3
5463	ok	0.0	0.5	1.98e-02	11.8	11.8	11.8	11.8	-21.9	-86.8	60.3	18.7	67.0	11.0
5464	ok	0.0	0.5	2.09e-02	11.8	11.8	11.8	11.8	-29.8	-63.1	35.8	20.5	67.1	4.7
5465	ok	0.0	0.3	7.55e-03	11.8	11.8	11.8	11.8	-11.7	-43.3	-24.4	14.2	28.6	13.8
5466	ok	0.0	0.3	5.92e-03	11.8	11.8	11.8	11.8	5.9	9.9	4.2	-18.5	-24.8	16.3
5467	ok	0.0	0.3	5.22e-03	11.8	11.8	11.8	11.8	0.4	12.0	6.8	-21.5	-28.7	7.7
5468	ok	0.0	0.3	6.93e-03	11.8	11.8	11.8	11.8	-0.5	-40.9	-15.4	12.6	25.4	24.6
5469	ok	0.0	0.3	6.56e-03	11.8	11.8	11.8	11.8	2.6	12.5	7.4	-17.2	-18.9	22.4
5470	ok	0.0	0.3	5.87e-03	11.8	11.8	11.8	11.8	4.5	11.0	5.7	-19.3	-24.9	19.3
5471	ok	0.0	0.3	5.62e-03	11.8	11.8	11.8	11.8	2.4	11.5	6.9	-20.8	-26.6	14.3
5472	ok	0.0	0.2	5.41e-03	11.8	11.8	11.8	11.8	-0.8	11.3	6.2	-20.0	-21.2	7.6
5473	ok	0.0	0.2	5.87e-03	11.8	11.8	11.8	11.8	-10.1	-26.6	-15.9	3.6	20.7	15.8
5474	ok	0.0	0.3	5.51e-03	11.8	11.8	11.8	11.8	1.1	10.8	7.5	-20.2	-20.2	15.8
5475	ok	0.0	0.3	6.16e-03	11.8	11.8	11.8	11.8	-11.1	-25.7	-17.9	8.8	23.6	17.4
5476	ok	0.0	0.4	6.60e-03	11.8	11.8	11.8	11.8	-4.6	14.7	2.4	-20.7	-36.5	8.1
5480	ok	0.0	0.3	7.22e-03	11.8	11.8	11.8	11.8	6.6	10.1	4.6	-17.6	-27.0	13.7
5481	ok	0.0	0.3	1.26e-02	11.8	11.8	11.8	11.8	6.0	6.8	8.0	-19.2	-24.4	-2.1
5482	ok	0.0	0.3	9.64e-03	11.8	11.8	11.8	11.8	-3.9	7.8	6.1	-24.3	-37.7	-2.07e-02
5483	ok	0.0	0.3	6.92e-03	11.8	11.8	11.8	11.8	3.2	11.3	7.5	-20.3	-30.6	12.8
5484	ok	0.0	0.3	8.42e-03	11.8	11.8	11.8	11.8	-2.1	12.8	3.8	-16.9	-31.8	8.6
5485	ok	0.0	0.3	9.70e-03	11.8	11.8	11.8	11.8	-4.8	12.4	4.5	-16.6	-28.3	2.9
5486	ok	0.0	0.3	1.12e-02	11.8	11.8	11.8	11.8	-6.6	11.4	5.7	-17.8	-27.6	0.9
5487	ok	0.0	0.3	1.30e-02	11.8	11.8	11.8	11.8	2.5	10.3	7.0	-18.9	-26.2	-0.6
5488	ok	0.0	0.3	1.11e-02	11.8	11.8	11.8	11.8	5.0	7.0	6.0	-22.3	-33.6	-1.3
5489	ok	0.0	0.9	5.46e-03	11.8	11.8	11.8	13.7	15.6	-7.2	-25.1	67.7	113.5	-26.9
5490	ok	0.0	0.4	8.40e-03	11.8	11.8	11.8	11.8	-6.6	-20.3	-13.9	34.1	15.4	-17.3
5491	ok	0.0	0.9	6.67e-02	11.8	11.8	11.8	17.5	-31.9	-317.6	122.3	42.5	170.5	29.7
5492	ok	0.0	0.7	4.17e-02	11.8	11.8	11.8	11.8	55.6	74.6	-8.8	0.1	-34.4	30.2
5493	ok	0.0	0.4	1.96e-02	11.8	11.8	11.8	11.8	37.4	2.76e-02	-5.1	39.1	8.3	13.8
5494	ok	0.0	0.5	1.25e-02	11.8	11.8	11.8	11.8	37.6	10.1	6.1	58.1	-15.8	-14.2
5495	ok	0.0	1.0	1.57e-02	11.8	16.4	11.8	15.8	-2.2	-61.7	-39.6	128.0	132.5	-32.6
5496	ok	0.0	1.0	7.11e-03	11.8	11.8	11.8	12.8	6.4	-16.0	-26.4	65.7	94.5	-38.4
5497	ok	0.0	0.6	8.40e-03	11.8	11.8	11.8	11.8	-2.9	-21.8	-12.1	48.1	41.9	-22.5
5498	ok	0.0	0.4	9.95e-03	11.8	11.8	11.8	11.8	-5.7	-20.4	-17.4	38.0	9.8	-11.4
5499	ok	0.0	0.3	1.36e-02	11.8	11.8	11.8	11.8	-6.8	-3.7	-1.4	32.0	-0.9	-14.4
5500	ok	0.0	0.3	1.56e-02	11.8	11.8	11.8	11.8	-30.8	-22.2	-47.3	21.9	17.1	2.7
5501	ok	0.0	0.3	1.78e-02	11.8	11.8	11.8	11.8	-30.7	-50.1	-49.3	15.5	25.6	2.0
5502	ok	0.0	0.3	1.87e-02	11.8	11.8	11.8	11.8	-22.7	-95.7	-21.8	14.6	35.4	1.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5503	ok	0.0	0.8	1.37e-02	11.8	11.8	11.8	11.8	2.6	-54.5	3.3	86.0	71.6	-13.7
5504	ok	0.0	0.6	1.30e-02	11.8	11.8	11.8	11.8	12.3	-8.2	4.3	63.8	22.7	2.1
5505	ok	0.0	0.3	2.07e-02	11.8	11.8	11.8	11.8	3.5	-0.2	2.5	35.6	16.8	10.6
5506	ok	0.0	0.3	2.50e-02	11.8	11.8	11.8	11.8	-6.6	-37.9	-48.2	20.6	27.4	21.4
5507	ok	0.0	0.8	3.60e-02	11.8	11.8	11.8	11.8	-44.7	-168.9	-53.8	25.2	111.4	24.3
5508	ok	0.0	0.5	1.09e-02	11.8	11.8	11.8	11.8	-2.0	-27.2	-14.6	49.8	19.7	-18.1
5509	ok	0.0	0.3	1.45e-02	11.8	11.8	11.8	11.8	-0.5	-9.1	3.6	42.7	18.9	-1.0
5510	ok	0.0	0.3	1.67e-02	11.8	11.8	11.8	11.8	-4.6	-21.7	-18.0	25.5	18.3	6.8
5511	ok	0.0	0.3	1.99e-02	11.8	11.8	11.8	11.8	-41.4	-38.8	-50.7	13.6	28.0	12.2
5512	ok	0.0	0.4	2.57e-02	11.8	11.8	11.8	11.8	-25.6	-131.7	-4.7	20.7	59.7	10.1
5513	ok	0.0	0.8	6.22e-03	11.8	11.8	11.8	11.8	-16.0	-6.8	-32.9	28.6	72.7	-14.9
5514	ok	0.0	0.3	7.76e-03	11.8	11.8	11.8	11.8	-6.5	-17.6	-12.1	26.3	20.8	-17.5
5515	ok	0.0	0.6	5.49e-03	11.8	11.8	11.8	11.8	-26.8	11.0	-21.3	40.4	47.7	-23.1
5516	ok	0.0	0.5	7.00e-03	11.8	11.8	11.8	11.8	-5.4	-15.6	-15.4	32.0	43.7	-24.3
5518	ok	0.0	0.3	9.28e-03	11.8	11.8	11.8	11.8	0.3	9.3	5.8	-24.1	-39.5	1.1
5519	ok	0.0	0.3	8.33e-03	11.8	11.8	11.8	11.8	-1.2	9.4	5.3	-23.3	-40.6	2.1
5520	ok	0.0	0.3	8.26e-03	11.8	11.8	11.8	11.8	-1.1	10.2	4.5	-22.3	-40.6	3.0
5521	ok	0.0	0.3	7.39e-03	11.8	11.8	11.8	11.8	4.9	11.4	10.1	-20.4	-35.2	9.3
5522	ok	0.0	0.3	1.03e-02	11.8	11.8	11.8	11.8	0.2	8.9	5.7	-22.1	-35.4	0.1
5526	ok	0.0	0.3	1.03e-02	11.8	11.8	11.8	11.8	-0.2	9.2	5.2	-21.2	-36.5	1.5
5527	ok	0.0	0.3	8.97e-03	11.8	11.8	11.8	11.8	0.9	8.3	20.2	-18.6	-35.7	5.9
5528	ok	0.0	0.3	7.83e-03	11.8	11.8	11.8	11.8	-4.1	13.1	5.2	-19.8	-36.1	8.4
5529	ok	0.0	0.3	1.29e-02	11.8	11.8	11.8	11.8	20.1	16.1	19.3	-15.2	-17.5	-10.2
5530	ok	0.0	0.3	1.25e-02	11.8	11.8	11.8	11.8	20.2	2.1	25.4	-15.8	-20.7	-7.6
5531	ok	0.0	0.3	1.24e-02	11.8	11.8	11.8	11.8	-6.6	7.6	8.8	-18.1	-22.4	-3.8
5532	ok	0.0	0.3	9.07e-03	11.8	11.8	11.8	11.8	16.5	14.2	19.4	-20.8	-27.2	-5.4
5533	ok	0.0	0.3	1.07e-02	11.8	11.8	11.8	11.8	17.3	21.0	18.9	-18.7	-24.1	-8.5
5534	ok	0.0	0.3	9.34e-03	11.8	11.8	11.8	11.8	15.5	6.3	21.7	-22.1	-32.1	-3.8
5535	ok	0.0	0.3	9.51e-03	11.8	11.8	11.8	11.8	13.0	5.0	7.8	-22.7	-35.7	-1.9
5536	ok	0.0	0.3	1.08e-02	11.8	11.8	11.8	11.8	17.6	5.9	23.6	-19.7	-28.8	-6.3
5537	ok	0.0	0.3	1.08e-02	11.8	11.8	11.8	11.8	14.7	4.2	9.3	-20.0	-32.1	-3.7
5538	ok	0.0	0.3	7.97e-03	11.8	11.8	11.8	11.8	-40.1	5.9	-30.2	42.3	-7.9	-8.2
5539	ok	0.0	0.9	7.83e-03	11.8	11.8	11.8	14.0	-3.5	6.5	12.6	-22.0	52.2	-65.7
5540	ok	0.0	0.3	1.41e-02	11.8	11.8	11.8	11.8	18.3	28.9	25.9	-15.4	-18.0	-13.0
5550	ok	0.0	0.3	1.48e-02	11.8	11.8	11.8	11.8	-20.8	-47.3	-33.2	13.0	18.3	-3.7
5551	ok	0.0	0.3	1.45e-02	11.8	11.8	11.8	11.8	-4.2	-10.1	-6.1	16.0	7.2	-18.5
5552	ok	0.0	0.4	1.26e-02	11.8	11.8	11.8	11.8	18.9	16.7	26.5	30.2	17.3	-16.2
5553	ok	0.0	0.4	1.01e-02	11.8	11.8	11.8	11.8	-46.1	-14.0	-36.4	43.4	-10.8	-9.6
5554	ok	0.0	0.4	7.48e-03	11.8	11.8	11.8	11.8	2.4	-12.2	-22.8	45.0	37.6	5.9
5555	ok	0.0	1.0	7.62e-03	12.9	28.3	29.5	39.4	3.5	-23.8	-11.1	186.1	280.4	92.7
5556	ok	0.0	1.0	1.11e-02	11.8	11.8	11.8	12.4	-23.6	-31.8	-13.9	-17.8	79.0	-33.6
5557	ok	0.0	0.3	1.01e-02	11.8	11.8	11.8	11.8	-3.9	-21.7	-6.7	13.2	24.9	-14.9
5558	ok	0.0	0.2	9.79e-03	11.8	11.8	11.8	11.8	14.7	13.6	17.9	-10.7	-8.7	-7.1
5559	ok	0.0	0.3	9.58e-03	11.8	11.8	11.8	11.8	16.2	15.1	17.1	-18.9	-23.0	-6.5
5560	ok	0.0	1.0	1.23e-02	11.8	11.8	16.3	15.1	25.0	17.4	16.0	85.0	138.7	13.4
5561	ok	0.0	0.6	1.32e-02	11.8	11.8	11.8	11.8	-8.8	-8.3	-3.0	32.2	8.7	-47.0
5562	ok	0.0	0.3	1.22e-02	11.8	11.8	11.8	11.8	28.2	0.8	27.3	15.5	14.6	-19.4
5563	ok	0.0	0.3	3.89e-03	11.8	11.8	11.8	11.8	-0.9	3.7	-14.1	8.9	-29.4	4.7
5565	ok	0.0	0.3	3.90e-03	11.8	11.8	11.8	11.8	21.4	3.4	-14.9	26.9	-23.3	-5.7
5566	ok	0.0	0.4	4.35e-03	11.8	11.8	11.8	11.8	29.6	-0.4	-12.5	45.4	-16.6	-16.7
5567	ok	0.0	0.6	4.48e-03	11.8	11.8	11.8	11.8	37.0	-0.8	-11.4	52.8	-7.7	-31.7
5569	ok	0.0	0.2	4.08e-03	11.8	11.8	11.8	11.8	14.2	7.7	-22.7	-2.5	-22.3	9.5
5570	ok	0.0	0.3	4.82e-03	11.8	11.8	11.8	11.8	24.4	1.4	-6.5	6.4	-0.8	-29.6
5571	ok	0.0	0.3	4.67e-03	11.8	11.8	11.8	11.8	4.9	0.8	-8.2	12.1	-7.4	-24.7
5572	ok	0.0	0.2	4.12e-03	11.8	11.8	11.8	11.8	2.91e-02	1.2	-8.3	8.7	-13.3	-16.0
5574	ok	0.0	0.3	3.68e-03	11.8	11.8	11.8	11.8	-0.9	3.7	-13.2	14.3	-31.7	9.8
5575	ok	0.0	0.9	4.26e-03	11.8	12.1	11.8	11.8	10.1	2.2	-8.2	84.2	-19.1	-21.9
5576	ok	0.0	0.5	4.11e-03	11.8	11.8	11.8	11.8	29.9	4.2	-12.3	57.0	-26.7	-9.8
5577	ok	0.0	0.4	3.76e-03	11.8	11.8	11.8	11.8	1.8	1.8	-12.7	28.9	-35.4	5.5
5578	ok	0.0	0.1	4.42e-03	11.8	11.8	11.8	11.8	-17.7	5.6	-8.2	-5.4	-7.4	8.8
5579	ok	0.0	0.2	4.28e-03	11.8	11.8	11.8	11.8	-15.8	4.9	-10.2	-4.0	-15.9	10.3
5580	ok	0.0	0.2	4.11e-03	11.8	11.8	11.8	11.8	13.3	10.6	-19.3	5.1	-21.7	7.6
5581	ok	0.0	0.3	3.97e-03	11.8	11.8	11.8	11.8	-4.3	4.9	-13.9	3.5	-27.2	8.0
5582	ok	0.0	0.2	4.91e-03	11.8	11.8	11.8	11.8	-1.3	15.6	-16.7	0.8	-14.0	8.8
5583	ok	0.0	0.3	4.19e-03	11.8	11.8	11.8	11.8	10.2	6.0	-23.6	-3.0	-23.0	11.0
5584	ok	0.0	0.3	4.42e-03	11.8	11.8	11.8	11.8	8.9	12.1	-21.1	-3.4	-22.1	10.5
5585	ok	0.0	0.2	4.68e-03	11.8	11.8	11.8	11.8	6.7	12.7	-19.8	-1.4	-18.6	10.4
5586	ok	0.0	0.2	4.81e-03	11.8	11.8	11.8	11.8	-21.0	5.3	-2.8	-5.0	27.3	-2.1
5587	ok	0.0	0.1	4.52e-03	11.8	11.8	11.8	11.8	-26.6	-1.4	10.6	-7.4	11.8	3.1
5588	ok	0.0	7.95e-02	4.51e-03	11.8	11.8	11.8	11.8	-31.9	-2.7	8.8	-6.4	3.7	6.4
5589	ok	0.0	0.2	5.19e-03	11.8	11.8	11.8	11.8	1.1	11.5	-19.6	19.6	20.8	-6.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5590	ok	0.0	0.1	5.05e-03	11.8	11.8	11.8	11.8	4.1	15.2	-20.3	4.8	-7.7	5.6
5591	ok	0.0	0.1	5.07e-03	11.8	11.8	11.8	11.8	-27.4	0.3	3.5	7.4	8.1	6.9
5592	ok	0.0	0.3	4.60e-03	11.8	11.8	11.8	11.8	-19.7	4.8	-0.9	-5.3	39.8	-5.0
5593	ok	0.0	0.4	5.18e-03	11.8	11.8	11.8	11.8	0.3	12.3	-19.0	27.6	38.8	-10.8
5594	ok	0.0	0.4	4.46e-03	11.8	11.8	11.8	11.8	-14.7	-7.4	8.2	-6.0	52.2	-1.6
5595	ok	0.0	0.4	4.44e-03	11.8	11.8	11.8	11.8	-13.2	3.8	-1.3	-4.9	49.1	-4.1
5596	ok	0.0	0.7	4.97e-03	11.8	11.8	11.8	11.8	-21.6	-8.3	6.7	58.2	53.8	20.5
5597	ok	0.0	0.6	5.14e-03	11.8	11.8	11.8	11.8	-12.7	0.3	0.2	22.5	72.7	-17.2
5600	ok	0.0	0.4	3.33e-03	11.8	11.8	11.8	11.8	-5.16e-02	3.5	-12.5	16.2	-38.7	31.5
5601	ok	0.0	0.2	3.43e-03	11.8	11.8	11.8	11.8	4.4	7.7	-11.8	12.0	0.4	17.4
5608	ok	0.0	0.4	2.78e-03	11.8	11.8	11.8	11.8	-0.4	1.7	-10.8	13.6	-33.1	35.3
5609	ok	0.0	0.4	3.23e-03	11.8	11.8	11.8	11.8	-2.1	3.6	-11.7	11.7	-32.6	28.5
5610	ok	0.0	0.3	3.27e-03	11.8	11.8	11.8	11.8	-5.1	3.2	-10.7	10.9	-20.3	26.4
5611	ok	0.0	0.2	3.34e-03	11.8	11.8	11.8	11.8	6.7	7.3	-12.5	15.8	-8.4	18.8
5612	ok	0.0	0.3	3.04e-03	11.8	11.8	11.8	11.8	4.9	7.7	-11.5	23.1	4.7	23.9
5613	ok	0.0	0.4	2.85e-03	11.8	11.8	11.8	11.8	-9.1	3.8	-5.3	23.7	13.8	35.2
5614	ok	0.0	0.6	2.32e-03	11.8	11.8	11.8	11.8	-6.6	3.9	-4.2	57.3	15.2	33.7
5616	ok	0.0	0.4	2.81e-03	11.8	11.8	11.8	11.8	-1.5	3.2	-11.3	13.8	-31.2	33.3
5617	ok	0.0	0.4	2.53e-03	11.8	11.8	11.8	11.8	-1.1	2.8	-9.9	14.8	-29.5	32.7
5620	ok	0.0	0.4	3.06e-03	11.8	11.8	11.8	11.8	-7.7	2.6	-9.0	10.3	-23.0	32.8
5621	ok	0.0	0.3	2.46e-03	11.8	11.8	11.8	11.8	-6.1	2.0	-7.8	23.8	-20.1	32.7
5624	ok	0.0	0.3	2.99e-03	11.8	11.8	11.8	11.8	6.6	7.9	-12.4	20.8	-9.0	24.9
5625	ok	0.0	0.4	2.60e-03	11.8	11.8	11.8	11.8	-7.8	2.8	-7.1	22.8	-6.9	34.7
5626	ok	0.0	0.4	2.30e-03	11.8	11.8	11.8	11.8	-6.4	3.3	-6.1	37.4	-4.9	31.8
5637	ok	0.0	0.8	3.90e-03	11.8	13.7	11.8	11.8	4.2	1.6	-9.0	75.2	-33.9	59.2
5638	ok	0.0	0.6	3.51e-03	11.8	11.8	11.8	11.8	23.0	3.8	-13.5	49.6	-21.8	39.5
5639	ok	0.0	0.4	3.28e-03	11.8	11.8	11.8	11.8	1.0	2.1	-12.2	30.8	-38.0	35.1
5648	ok	0.0	0.5	3.06e-03	11.8	11.8	11.8	11.8	15.5	5.5	-13.3	29.6	-25.8	33.1
5652	ok	0.0	1.0	7.38e-03	16.2	33.6	31.0	30.2	-1.2	-18.3	-7.0	226.9	286.0	13.0
5653	ok	0.0	0.3	3.51e-03	11.8	11.8	11.8	11.8	-16.5	4.8	-3.4	-8.6	40.7	7.2
5656	ok	0.0	0.2	3.50e-03	11.8	11.8	11.8	11.8	-14.2	3.9	-5.2	-1.9	18.2	18.5
5657	ok	0.0	0.3	3.54e-03	11.8	11.8	11.8	11.8	-15.6	4.5	-4.1	-5.5	31.1	13.4
5658	ok	0.0	0.5	3.26e-03	11.8	11.8	11.8	11.8	-16.2	5.1	-3.0	2.0	53.7	11.3
5659	ok	0.0	0.7	3.12e-03	11.8	11.8	11.8	11.8	-16.3	6.6	-1.8	21.0	82.6	16.6
5660	ok	0.0	0.9	3.07e-03	11.8	11.8	11.8	13.3	-18.1	7.0	-1.3	53.2	111.0	25.1
5661	ok	0.0	1.0	4.34e-03	11.8	17.4	11.8	24.0	1.1	15.1	9.5	129.9	155.2	44.9
5662	ok	0.0	0.3	3.14e-03	11.8	11.8	11.8	11.8	-12.8	3.6	-4.4	8.3	26.0	24.8
5663	ok	0.0	0.5	2.85e-03	11.8	11.8	11.8	11.8	-11.3	4.4	-3.8	24.9	38.8	33.1
5664	ok	0.0	0.7	2.50e-03	11.8	11.8	11.8	11.8	-9.2	4.2	-2.9	55.8	43.7	38.5
5665	ok	0.0	0.9	2.16e-03	11.8	11.8	11.8	11.8	-3.1	5.9	-5.0	86.0	43.8	33.4
5666	ok	0.0	0.4	3.24e-03	11.8	11.8	11.8	11.8	-14.7	4.4	-3.4	5.0	42.1	19.3
5667	ok	0.0	0.6	3.01e-03	11.8	11.8	11.8	11.8	-14.0	5.4	-2.5	23.5	64.4	28.2
5668	ok	0.0	0.9	2.77e-03	11.8	11.8	11.8	12.2	-14.7	7.0	-2.4	50.3	84.3	41.0
5669	ok	0.0	1.0	2.42e-03	11.8	17.8	11.8	12.5	-5.9	5.6	4.1	144.2	90.5	36.8
5670	ok	0.0	0.1	3.85e-03	11.8	11.8	11.8	11.8	-14.8	4.3	-7.4	-4.2	-2.3	14.3
5671	ok	0.0	0.3	3.86e-03	11.8	11.8	11.8	11.8	-17.8	4.6	-3.4	-12.1	30.4	2.3
5672	ok	0.0	0.1	3.92e-03	11.8	11.8	11.8	11.8	-16.3	4.6	-5.9	-7.1	9.4	11.0
5673	ok	0.0	0.2	3.91e-03	11.8	11.8	11.8	11.8	-17.2	4.7	-4.5	-9.8	20.8	6.7
5674	ok	0.0	0.1	4.13e-03	11.8	11.8	11.8	11.8	-16.2	4.9	-7.8	-5.3	-5.3	11.0
5675	ok	0.0	0.2	4.09e-03	11.8	11.8	11.8	11.8	-18.6	4.7	-3.1	-9.7	27.2	-0.4
5676	ok	0.0	8.57e-02	4.21e-03	11.8	11.8	11.8	11.8	-17.7	5.1	-6.0	-7.0	5.5	7.9
5677	ok	0.0	0.1	4.21e-03	11.8	11.8	11.8	11.8	-18.3	4.9	-4.4	-8.3	16.7	3.8
5678	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	-2.0	2.6	-12.8	21.8	-34.9	17.9
5679	ok	0.0	0.3	3.53e-03	11.8	11.8	11.8	11.8	-3.5	3.8	-12.1	10.4	-29.0	17.3
5680	ok	0.0	0.3	3.65e-03	11.8	11.8	11.8	11.8	8.6	6.5	-14.5	14.4	-18.3	12.9
5681	ok	0.0	0.2	3.75e-03	11.8	11.8	11.8	11.8	6.1	6.6	-13.8	9.5	-12.4	12.3
5683	ok	0.0	1.0	3.97e-03	11.8	13.0	11.8	11.8	7.6	3.5	-9.2	118.3	-28.2	13.4
5684	ok	0.0	0.7	3.68e-03	11.8	11.8	11.8	11.8	4.7	3.6	-11.5	69.2	-43.9	17.7
5685	ok	0.0	0.4	3.71e-03	11.8	11.8	11.8	11.8	2.7	3.6	-13.1	34.6	-41.7	18.3
5686	ok	0.0	0.3	3.75e-03	11.8	11.8	11.8	11.8	-3.9	4.3	-13.1	7.0	-28.4	12.1
5687	ok	0.0	0.2	3.88e-03	11.8	11.8	11.8	11.8	13.0	9.1	-18.1	8.5	-20.7	9.4
5688	ok	0.0	0.2	4.01e-03	11.8	11.8	11.8	11.8	-14.5	4.3	-9.6	-2.7	-14.8	12.8
5689	ok	0.0	0.3	1.53e-03	11.8	11.8	11.8	11.8	-0.2	2.9	2.5	-41.5	-17.8	0.8
5690	ok	0.0	0.3	1.76e-03	11.8	11.8	11.8	11.8	-4.5	4.5	-0.1	20.6	-31.8	14.3
5691	ok	0.0	0.2	2.91e-03	11.8	11.8	11.8	11.8	-6.63e-02	5.7	-12.2	3.0	-23.2	-6.9
5692	ok	0.0	0.2	1.95e-03	11.8	11.8	11.8	11.8	-4.5	-4.8	-4.4	25.4	11.4	4.5
5693	ok	0.0	0.3	1.51e-03	11.8	11.8	11.8	11.8	-5.1	2.6	2.8	-37.8	-22.6	4.6
5694	ok	0.0	0.3	1.59e-03	11.8	11.8	11.8	11.8	-4.8	2.8	2.9	-33.9	-27.9	7.6
5695	ok	0.0	0.3	1.64e-03	11.8	11.8	11.8	11.8	-4.5	3.1	2.8	-28.5	-33.4	10.3
5696	ok	0.0	0.4	1.66e-03	11.8	11.8	11.8	11.8	-4.3	3.3	2.5	-21.6	-38.3	12.5
5697	ok	0.0	0.4	1.74e-03	11.8	11.8	11.8	11.8	-4.2	3.6	2.0	-13.4	-41.5	14.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5698	ok	0.0	0.4	1.76e-03	11.8	11.8	11.8	11.8	-4.2	3.9	1.4	-3.9	-42.0	14.7
5699	ok	0.0	0.4	1.76e-03	11.8	11.8	11.8	11.8	-4.3	4.2	0.8	7.1	-39.2	14.8
5700	ok	0.0	0.3	1.97e-03	11.8	11.8	11.8	11.8	-5.5	3.5	0.2	18.3	-30.3	3.8
5701	ok	0.0	0.2	2.22e-03	11.8	11.8	11.8	11.8	-6.5	2.6	0.4	13.2	-28.0	-4.1
5702	ok	0.0	0.2	2.43e-03	11.8	11.8	11.8	11.8	-3.7	4.0	0.3	7.1	-25.3	-8.6
5703	ok	0.0	0.2	2.66e-03	11.8	11.8	11.8	11.8	-4.4	3.4	0.7	2.3	-23.6	-9.1
5704	ok	0.0	0.3	2.79e-03	11.8	11.8	11.8	11.8	-4.2	2.4	1.8	1.2	-33.0	-6.6
5705	ok	0.0	0.3	2.65e-03	11.8	11.8	11.8	11.8	-3.4	2.1	2.2	2.3	-39.2	-7.0
5706	ok	0.0	0.3	2.56e-03	11.8	11.8	11.8	11.8	-2.8	1.8	2.6	3.6	-40.9	-8.1
5707	ok	0.0	0.3	2.47e-03	11.8	11.8	11.8	11.8	-2.2	1.4	3.1	5.4	-37.6	-9.8
5708	ok	0.0	0.3	2.40e-03	11.8	11.8	11.8	11.8	-1.6	1.1	3.4	6.9	-30.0	-11.0
5709	ok	0.0	0.2	2.36e-03	11.8	11.8	11.8	11.8	4.70e-02	-1.5	10.2	-7.8	-27.7	-6.4
5710	ok	0.0	0.2	2.30e-03	11.8	11.8	11.8	11.8	1.8	5.0	12.9	-6.9	-17.1	-6.7
5711	ok	0.0	0.2	1.88e-03	11.8	11.8	11.8	11.8	0.3	4.1	9.7	-15.0	-17.1	-2.6
5712	ok	0.0	0.2	1.80e-03	11.8	11.8	11.8	11.8	0.4	5.4	13.2	-19.2	-17.7	-1.6
5713	ok	0.0	0.2	1.68e-03	11.8	11.8	11.8	11.8	-4.7	1.0	3.0	-28.3	-18.4	-2.4
5714	ok	0.0	0.3	1.61e-03	11.8	11.8	11.8	11.8	-5.0	1.8	2.8	-36.0	-19.4	-1.0
5715	ok	0.0	0.3	2.59e-03	11.8	11.8	11.8	11.8	-3.6	3.0	1.4	0.9	-33.6	-7.9
5716	ok	0.0	0.3	2.38e-03	11.8	11.8	11.8	11.8	-3.0	3.7	1.0	2.4	-34.8	-6.5
5717	ok	0.0	0.3	2.19e-03	11.8	11.8	11.8	11.8	-2.4	4.4	0.5	4.7	-36.4	-2.2
5718	ok	0.0	0.3	1.96e-03	11.8	11.8	11.8	11.8	-5.1	3.2	1.1	6.7	-38.2	5.6
5719	ok	0.0	0.3	2.51e-03	11.8	11.8	11.8	11.8	-6.8	0.9	2.4	-1.1	-39.6	-7.2
5720	ok	0.0	0.3	2.34e-03	11.8	11.8	11.8	11.8	-6.2	1.5	2.2	-2.5	-40.2	-5.1
5721	ok	0.0	0.3	2.12e-03	11.8	11.8	11.8	11.8	-1.9	4.0	1.1	-2.7	-40.9	-1.0
5722	ok	0.0	0.4	1.94e-03	11.8	11.8	11.8	11.8	-4.9	3.0	1.8	-3.1	-41.9	6.3
5723	ok	0.0	0.4	2.43e-03	11.8	11.8	11.8	11.8	-6.2	0.7	3.0	-2.7	-41.1	-7.6
5724	ok	0.0	0.3	2.29e-03	11.8	11.8	11.8	11.8	-5.7	1.3	2.8	-6.7	-41.5	-4.9
5725	ok	0.0	0.3	2.09e-03	11.8	11.8	11.8	11.8	-5.2	2.0	2.5	-9.6	-42.0	-0.3
5726	ok	0.0	0.4	1.92e-03	11.8	11.8	11.8	11.8	-4.7	2.7	2.3	-11.6	-42.1	6.2
5727	ok	0.0	0.3	2.37e-03	11.8	11.8	11.8	11.8	-5.7	0.5	3.4	-4.2	-38.7	-8.2
5728	ok	0.0	0.3	2.25e-03	11.8	11.8	11.8	11.8	-5.4	1.1	3.1	-10.5	-39.4	-5.2
5729	ok	0.0	0.3	2.05e-03	11.8	11.8	11.8	11.8	-5.1	1.7	3.0	-15.7	-39.1	-1.0
5730	ok	0.0	0.3	1.84e-03	11.8	11.8	11.8	11.8	-4.7	2.5	2.7	-18.9	-39.6	5.4
5731	ok	0.0	0.3	2.29e-03	11.8	11.8	11.8	11.8	-5.2	0.3	3.6	-5.5	-32.8	-8.5
5732	ok	0.0	0.3	2.11e-03	11.8	11.8	11.8	11.8	-5.1	0.8	3.4	-14.0	-34.0	-6.0
5733	ok	0.0	0.3	1.98e-03	11.8	11.8	11.8	11.8	-4.9	1.5	3.2	-20.7	-34.8	-1.7
5734	ok	0.0	0.3	1.83e-03	11.8	11.8	11.8	11.8	-4.7	2.3	3.0	-25.1	-35.2	4.2
5735	ok	0.0	0.2	2.26e-03	11.8	11.8	11.8	11.8	-0.3	3.9	9.9	-10.3	-26.9	-4.4
5736	ok	0.0	0.2	2.05e-03	11.8	11.8	11.8	11.8	-4.8	0.6	3.5	-16.6	-27.5	-5.8
5737	ok	0.0	0.3	1.94e-03	11.8	11.8	11.8	11.8	-4.8	1.4	3.3	-24.6	-29.2	-2.3
5738	ok	0.0	0.3	1.81e-03	11.8	11.8	11.8	11.8	-4.8	2.1	3.1	-29.9	-29.9	2.7
5739	ok	0.0	0.2	2.09e-03	11.8	11.8	11.8	11.8	8.18e-02	3.7	9.9	-12.4	-22.0	-3.8
5740	ok	0.0	0.2	1.88e-03	11.8	11.8	11.8	11.8	-4.6	0.4	3.4	-18.0	-20.8	-4.8
5741	ok	0.0	0.2	1.78e-03	11.8	11.8	11.8	11.8	-4.8	1.2	3.2	-27.2	-23.5	-2.5
5742	ok	0.0	0.3	1.67e-03	11.8	11.8	11.8	11.8	-4.9	1.9	3.0	-33.3	-24.5	1.3
5743	ok	0.0	0.3	1.75e-03	11.8	11.8	11.8	11.8	-4.7	4.9	-0.7	29.9	-25.3	13.6
5744	ok	0.0	0.2	3.00e-03	11.8	11.8	11.8	11.8	0.2	5.8	-12.6	2.3	-18.7	-7.2
5745	ok	0.0	0.3	1.97e-03	11.8	11.8	11.8	11.8	-5.7	3.6	-0.4	27.1	-22.8	2.1
5746	ok	0.0	0.2	2.23e-03	11.8	11.8	11.8	11.8	-3.4	5.0	-0.5	19.2	-19.6	-6.7
5747	ok	0.0	0.2	2.46e-03	11.8	11.8	11.8	11.8	-4.2	4.3	-0.2	10.2	-16.9	-10.4
5748	ok	0.0	0.2	2.72e-03	11.8	11.8	11.8	11.8	0.8	5.1	-11.9	4.6	-17.2	-8.7
5749	ok	0.0	0.4	1.75e-03	11.8	11.8	11.8	11.8	-4.9	5.0	-1.4	43.7	-13.8	12.4
5750	ok	0.0	0.1	3.09e-03	11.8	11.8	11.8	11.8	-8.4	0.7	7.1	-3.9	11.9	-7.9
5751	ok	0.0	0.3	1.98e-03	11.8	11.8	11.8	11.8	-6.1	3.7	-1.2	38.5	-11.1	-0.6
5752	ok	0.0	0.3	2.25e-03	11.8	11.8	11.8	11.8	-5.1	1.9	3.3	30.9	8.9	-7.8
5753	ok	0.0	0.2	2.50e-03	11.8	11.8	11.8	11.8	-6.3	2.0	4.0	18.4	11.4	-10.8
5754	ok	0.0	0.2	2.78e-03	11.8	11.8	11.8	11.8	-7.4	1.7	5.0	7.5	12.3	-10.3
5755	ok	0.0	0.5	1.79e-03	11.8	11.8	11.8	11.8	-3.4	8.0	2.3	56.3	12.2	10.1
5756	ok	0.0	0.2	3.16e-03	11.8	11.8	11.8	11.8	-9.9	-1.7	6.1	-4.9	19.4	-8.3
5757	ok	0.0	0.4	1.98e-03	11.8	11.8	11.8	11.8	-4.5	3.96e-02	2.2	47.1	18.0	-3.7
5758	ok	0.0	0.3	2.26e-03	11.8	11.8	11.8	11.8	-5.5	1.9	2.2	37.4	21.8	-10.6
5759	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	-6.9	2.1	3.0	21.5	22.8	-12.7
5760	ok	0.0	0.2	2.83e-03	11.8	11.8	11.8	11.8	-8.3	2.0	4.2	7.9	21.3	-11.2
5761	ok	0.0	1.0	3.49e-03	11.8	15.3	11.8	11.8	-2.4	6.5	-8.8	148.9	74.7	7.8
5762	ok	0.0	0.3	3.34e-03	11.8	11.8	11.8	11.8	-9.7	5.1	-2.4	-9.7	38.7	-7.0
5763	ok	0.0	0.8	1.69e-03	11.8	11.8	11.8	11.8	-3.6	5.9	-4.0	96.4	26.0	7.0
5764	ok	0.0	1.0	4.10e-03	11.8	12.1	11.8	12.3	-8.4	5.0	-7.7	101.1	80.1	-24.1
5765	ok	0.0	0.7	2.45e-03	11.8	11.8	11.8	11.8	-14.6	3.5	-5.9	48.7	70.0	-21.2
5766	ok	0.0	0.5	2.74e-03	11.8	11.8	11.8	11.8	-14.0	4.4	-4.1	19.6	57.0	-14.9
5767	ok	0.0	0.4	3.03e-03	11.8	11.8	11.8	11.8	-0.7	7.4	-8.5	5.7	42.6	-9.2
5768	ok	0.0	0.3	3.27e-03	11.8	11.8	11.8	11.8	-11.4	-1.3	5.5	-6.3	30.9	-8.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5769	ok	0.0	0.3	2.92e-03	11.8	11.8	11.8	11.8	-0.2	6.8	-7.9	6.4	30.3	-11.7
5770	ok	0.0	0.4	2.61e-03	11.8	11.8	11.8	11.8	-8.6	2.6	2.2	23.3	38.8	-14.5
5771	ok	0.0	0.5	2.31e-03	11.8	11.8	11.8	11.8	-6.7	2.2	1.2	47.7	41.0	-15.1
5772	ok	0.0	0.7	2.04e-03	11.8	11.8	11.8	11.8	-9.5	3.3	-4.0	78.1	30.3	-8.6
5773	ok	0.0	1.0	5.97e-03	147.0	155.5	121.1	127.6	27.5	7.4	9.6	816.8	663.2	295.8
5774	ok	0.0	0.4	3.47e-03	11.8	11.8	11.8	11.8	-16.7	4.8	-3.0	-10.2	44.7	1.6
5775	ok	0.0	1.0	7.20e-03	11.8	33.8	18.2	35.7	-17.4	-7.8	5.9	267.8	303.4	16.0
5776	ok	0.0	1.0	3.91e-03	11.8	21.8	11.8	30.6	-15.0	2.4	2.1	52.2	161.1	108.1
5777	ok	0.0	1.0	3.28e-03	11.8	11.8	11.8	13.0	-20.3	7.3	0.4	46.5	131.1	1.8
5778	ok	0.0	0.7	3.10e-03	11.8	11.8	11.8	11.8	-18.5	5.8	-3.8	19.0	83.1	7.8
5779	ok	0.0	0.5	3.21e-03	11.8	11.8	11.8	11.8	-16.6	5.2	-3.3	0.3	58.0	3.2
5780	ok	0.0	0.4	3.41e-03	11.8	11.8	11.8	11.8	-10.2	5.5	-3.2	-10.6	44.2	-3.7
5781	ok	0.0	0.5	3.11e-03	11.8	11.8	11.8	11.8	-9.3	5.7	-3.6	-0.2	54.9	-5.1
5782	ok	0.0	0.6	2.88e-03	11.8	11.8	11.8	11.8	-16.5	6.1	-4.3	18.6	72.6	-7.7
5783	ok	0.0	0.9	3.22e-03	11.8	11.8	11.8	11.8	-18.3	10.0	-10.4	51.6	98.9	-12.3
5784	ok	0.0	1.0	4.10e-03	11.8	16.5	11.8	21.8	0.5	13.6	-7.3	118.7	136.9	-38.3
5785	ok	0.0	0.3	1.59e-03	11.8	11.8	11.8	11.8	-5.3	1.9	1.8	-41.4	-14.0	-3.9
5786	ok	0.0	0.3	2.06e-03	11.8	11.8	11.8	11.8	-5.3	-7.5	-7.3	39.4	16.2	4.1
5787	ok	0.0	0.3	1.56e-03	11.8	11.8	11.8	11.8	-5.4	2.2	2.2	-42.1	-15.3	-1.8
5788	ok	0.0	0.3	1.93e-03	11.8	11.8	11.8	11.8	-4.4	-6.6	-8.5	35.3	13.1	3.8
5789	ok	0.0	0.1	1.93e-03	11.8	11.8	11.8	11.8	-5.6	-6.2	-6.4	16.8	7.3	3.8
5790	ok	0.0	0.2	1.82e-03	11.8	11.8	11.8	11.8	0.7	4.5	10.6	-19.5	-10.8	-0.2
5791	ok	0.0	0.2	1.74e-03	11.8	11.8	11.8	11.8	-4.3	0.6	2.3	-26.4	-12.4	-1.0
5792	ok	0.0	0.3	1.67e-03	11.8	11.8	11.8	11.8	-4.8	1.3	2.1	-35.2	-14.4	-2.7
5793	ok	0.0	0.1	1.82e-03	11.8	11.8	11.8	11.8	1.3	5.3	13.2	-14.7	-11.0	-0.8
5794	ok	0.0	0.2	1.77e-03	11.8	11.8	11.8	11.8	1.0	5.3	13.2	-20.1	-15.1	-0.6
5795	ok	0.0	0.2	1.71e-03	11.8	11.8	11.8	11.8	-4.6	0.8	2.7	-28.0	-14.8	-1.9
5796	ok	0.0	0.3	1.64e-03	11.8	11.8	11.8	11.8	-5.0	1.6	2.5	-36.3	-16.4	-2.0
5797	ok	0.0	0.3	3.77e-03	11.8	11.8	11.8	11.8	-5.8	-10.1	-6.4	18.0	39.1	-9.7
5798	ok	0.0	0.4	2.22e-03	11.8	11.8	11.8	11.8	-5.2	-4.8	-7.3	31.7	19.8	17.0
5799	ok	0.0	0.3	1.61e-03	11.8	11.8	11.8	11.8	-5.0	1.6	1.3	-39.2	-14.0	-6.6
5800	ok	0.0	0.4	2.24e-03	11.8	11.8	11.8	11.8	-6.8	-7.1	-6.7	42.3	24.9	11.6
5801	ok	0.0	0.2	1.91e-03	11.8	11.8	11.8	11.8	-5.1	-6.6	-5.7	17.7	5.3	10.0
5802	ok	0.0	0.1	1.86e-03	11.8	11.8	11.8	11.8	1.7	4.2	8.7	-15.7	-6.9	2.1
5803	ok	0.0	0.7	3.10e-03	11.8	11.8	11.8	11.8	-7.5	-4.6	-4.0	83.4	45.3	13.0
5804	ok	0.0	0.9	3.08e-03	11.8	12.2	11.8	11.8	-7.1	-6.5	-3.1	100.4	52.6	26.5
5805	ok	0.0	0.1	1.96e-03	11.8	11.8	11.8	11.8	-6.2	-6.5	-6.6	16.2	7.7	6.0
5806	ok	0.0	0.2	1.82e-03	11.8	11.8	11.8	11.8	2.3	6.0	10.1	-18.5	-8.8	0.7
5807	ok	0.0	0.2	1.76e-03	11.8	11.8	11.8	11.8	-4.0	0.4	1.9	-22.3	-11.4	-1.5
5808	ok	0.0	0.3	1.69e-03	11.8	11.8	11.8	11.8	-4.5	1.1	1.6	-32.1	-13.9	-4.4
5809	ok	0.0	0.3	1.94e-03	11.8	11.8	11.8	11.8	-1.9	0.3	-0.2	-26.8	-11.5	-13.8
5810	ok	0.0	0.5	2.32e-03	11.8	11.8	11.8	11.8	3.0	-2.6	2.6	52.1	-3.8	24.9
5811	ok	0.0	0.3	1.73e-03	11.8	11.8	11.8	11.8	-3.4	0.7	1.64e-02	-32.8	-12.6	-11.9
5812	ok	0.0	0.3	1.67e-03	11.8	11.8	11.8	11.8	-4.0	1.0	0.5	-33.6	-13.6	-9.5
5813	ok	0.0	0.3	2.61e-03	11.8	11.8	11.8	11.8	-5.8	-3.5	-5.3	2.9	18.6	-23.3
5814	ok	0.0	0.4	2.01e-03	11.8	11.8	11.8	11.8	1.3	-1.9	3.3	40.7	-3.4	25.6
5815	ok	0.0	0.4	2.59e-03	11.8	11.8	11.8	11.8	-5.3	-11.0	-7.8	45.4	5.9	7.1
5816	ok	0.0	0.2	2.39e-03	11.8	11.8	11.8	11.8	-5.7	-6.1	-6.8	27.2	0.9	5.1
5817	ok	0.0	0.1	2.24e-03	11.8	11.8	11.8	11.8	8.4	5.4	10.3	-15.5	-0.9	1.8
5818	ok	0.0	0.2	2.12e-03	11.8	11.8	11.8	11.8	-1.8	0.3	2.44e-03	-14.3	-10.5	-7.8
5819	ok	0.0	0.4	3.13e-03	11.8	11.8	11.8	11.8	-7.3	-4.3	-4.9	54.1	36.5	-2.2
5820	ok	0.0	0.4	2.73e-03	11.8	11.8	11.8	11.8	-6.3	-3.5	-4.9	26.6	25.5	-16.8
5821	ok	0.0	0.2	1.86e-03	11.8	11.8	11.8	11.8	2.9	6.5	10.4	-21.9	-6.3	1.3
5822	ok	0.0	0.2	1.74e-03	11.8	11.8	11.8	11.8	-3.5	0.7	0.7	-24.4	-13.0	-5.3
5823	ok	0.0	0.3	2.17e-03	11.8	11.8	11.8	11.8	-4.4	-7.2	-5.3	28.8	-4.3	10.8
5824	ok	0.0	0.2	2.08e-03	11.8	11.8	11.8	11.8	-5.6	-7.0	-6.6	18.4	-3.1	6.2
5825	ok	0.0	0.1	1.97e-03	11.8	11.8	11.8	11.8	4.6	6.5	10.0	-17.2	-4.0	1.5
5826	ok	0.0	0.2	1.83e-03	11.8	11.8	11.8	11.8	-3.0	0.5	0.4	-20.2	-11.6	-5.9
5827	ok	0.0	0.4	5.65e-03	11.8	11.8	11.8	11.8	-0.4	-8.84e-02	-0.2	-36.3	-12.9	-23.9
5828	ok	0.0	1.0	3.45e-03	11.8	17.0	11.8	16.2	-3.9	-7.2	10.2	155.1	138.1	4.5
5829	ok	0.0	0.6	2.99e-03	11.8	11.8	11.8	11.8	-6.5	-2.1	-2.2	-67.0	-36.2	-14.7
5830	ok	0.0	0.7	2.67e-03	11.8	11.8	11.8	11.8	-6.7	-14.4	-6.1	56.1	39.6	32.4
5831	ok	0.0	0.7	3.94e-03	11.8	11.8	11.8	11.8	-14.5	-6.4	-1.9	63.0	47.4	26.4
5832	ok	0.0	0.4	2.97e-03	11.8	11.8	11.8	11.8	3.2	-0.4	1.2	38.5	13.1	17.5
5833	ok	0.0	0.2	2.78e-03	11.8	11.8	11.8	11.8	-14.3	-6.6	-9.2	25.6	4.0	10.9
5834	ok	0.0	0.1	5.76e-03	11.8	11.8	11.8	11.8	6.0	-7.7	3.9	14.0	2.9	6.7
5835	ok	0.0	0.5	3.15e-03	11.8	11.8	11.8	11.8	-1.8	-2.7	-0.3	58.0	32.4	8.4
5836	ok	0.0	0.3	2.82e-03	11.8	11.8	11.8	11.8	-10.5	-9.2	-10.7	34.0	10.3	8.1
5837	ok	0.0	0.1	2.49e-03	11.8	11.8	11.8	11.8	-11.8	-5.3	-9.6	18.8	-1.1	3.6
5838	ok	0.0	0.2	2.25e-03	11.8	11.8	11.8	11.8	9.7	4.1	6.9	-15.3	-4.0	-6.8
5839	ok	0.0	0.8	4.82e-03	11.8	11.8	11.8	11.8	9.3	3.2	5.4	-72.5	-20.5	-39.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5840	ok	0.0	0.5	2.76e-03	11.8	11.8	11.8	11.8	-11.8	-9.5	-2.9	-19.2	-57.7	3.8
5841	ok	0.0	0.5	3.36e-03	11.8	11.8	11.8	11.8	-4.8	-3.8	0.4	-27.7	-45.7	27.0
5842	ok	0.0	0.5	3.10e-03	11.8	11.8	11.8	11.8	-12.4	-12.3	-2.8	-30.7	-53.1	-11.8
5843	ok	0.0	0.5	3.95e-03	11.8	11.8	11.8	11.8	-11.8	-14.7	-0.6	-51.2	-47.3	-17.6
5844	ok	0.0	0.5	3.82e-03	11.8	11.8	11.8	11.8	-14.0	-15.8	-1.3	-47.4	-41.7	-23.2
5845	ok	0.0	0.5	3.55e-03	11.8	11.8	11.8	11.8	-12.6	-14.9	-1.7	-45.7	-53.5	-14.1
5846	ok	0.0	0.5	3.49e-03	11.8	11.8	11.8	11.8	-13.0	-14.1	-2.2	-39.5	-48.1	-18.9
5855	ok	0.0	0.5	2.66e-03	11.8	11.8	11.8	11.8	-6.5	-3.8	-2.8	-38.9	-55.9	13.7
5856	ok	0.0	0.1	3.73e-03	11.8	11.8	11.8	11.8	-2.5	0.2	-0.2	8.3	-1.0	-2.4
5857	ok	0.0	0.6	2.73e-03	11.8	11.8	11.8	11.8	-9.2	-4.4	-0.7	-19.8	-55.9	35.9
5862	ok	0.0	0.5	4.19e-03	11.8	11.8	11.8	11.8	-12.8	-15.7	0.5	-54.3	-41.0	-18.7
5863	ok	0.0	0.5	2.86e-03	11.8	11.8	11.8	11.8	-7.6	-2.8	-2.9	-46.3	-52.4	16.0
5869	ok	0.0	0.5	2.64e-03	11.8	11.8	11.8	11.8	-11.4	-7.0	-2.4	-13.8	-58.2	22.5
5870	ok	0.0	0.5	2.84e-03	11.8	11.8	11.8	11.8	-12.0	-11.0	-2.7	-34.8	-60.0	-2.0
5871	ok	0.0	0.4	3.64e-03	11.8	11.8	11.8	11.8	-0.7	-3.2	-1.8	-26.7	-44.2	-9.3
5876	ok	0.0	0.5	3.08e-03	11.8	11.8	11.8	11.8	-12.2	-12.7	-2.4	-39.4	-57.9	-8.1
5878	ok	0.0	0.6	2.66e-03	11.8	11.8	11.8	11.8	-10.7	-5.2	-1.6	-14.2	-56.2	36.6
5879	ok	0.0	0.3	4.01e-03	11.8	11.8	11.8	11.8	-0.5	-1.1	-0.6	-28.7	-26.0	-12.3
5880	ok	0.0	0.5	4.74e-03	11.8	11.8	11.8	11.8	6.31e-03	-0.6	-0.4	-29.5	-31.7	-28.0
5881	ok	0.0	0.4	4.46e-03	11.8	11.8	11.8	11.8	-0.4	-1.2	-0.9	-32.6	-32.0	-20.6
5882	ok	0.0	0.4	3.66e-03	11.8	11.8	11.8	11.8	-0.6	-1.7	-1.1	-30.4	-33.3	-12.6
5888	ok	0.0	0.4	4.41e-03	11.8	11.8	11.8	11.8	-2.06e-02	-0.6	-0.4	-33.5	-26.4	-21.6
5889	ok	0.0	0.4	2.90e-03	11.8	11.8	11.8	11.8	6.3	2.6	4.7	-27.5	-15.6	-20.0
5895	ok	0.0	1.0	5.62e-03	11.8	35.5	11.8	35.5	-15.3	-20.7	19.3	272.5	273.4	-74.6
5896	ok	0.0	0.5	5.42e-03	11.8	11.8	11.8	11.8	-0.1	-0.6	-0.5	-19.5	-31.9	-30.3
5902	ok	0.0	0.5	4.85e-03	11.8	11.8	11.8	11.8	-0.6	-1.5	-1.1	-26.2	-36.3	-25.2
5903	ok	0.0	0.4	4.28e-03	11.8	11.8	11.8	11.8	-0.5	-2.0	-1.4	-27.4	-37.1	-16.9
5909	ok	0.0	0.4	3.62e-03	11.8	11.8	11.8	11.8	-0.7	-2.3	-1.5	-29.9	-39.1	-11.7
5910	ok	0.0	0.3	5.63e-03	11.8	11.8	11.8	11.8	-0.6	-0.6	-0.6	-5.0	-24.9	-22.4
5911	ok	0.0	0.4	3.54e-03	11.8	11.8	11.8	11.8	-0.6	-5.2	-1.9	-16.7	-53.1	-0.2
5912	ok	0.0	0.5	3.27e-03	11.8	11.8	11.8	11.8	-5.9	-3.0	-1.6	-21.9	-54.3	20.6
5913	ok	0.0	0.5	3.41e-03	11.8	11.8	11.8	11.8	-5.7	-2.5	-1.8	-26.7	-51.9	14.3
5920	ok	0.0	0.5	5.77e-03	11.8	11.8	11.8	11.8	-5.5	-8.6	-4.2	62.7	45.7	-5.3
5926	ok	0.0	0.5	4.86e-03	11.8	11.8	11.8	11.8	0.7	-4.28e-02	0.2	-32.2	-24.9	-28.1
5933	ok	0.0	0.6	2.72e-03	11.8	11.8	11.8	11.8	-5.9	-4.3	-2.0	-33.1	-59.0	19.6
5935	ok	0.0	0.3	4.95e-03	11.8	11.8	11.8	11.8	3.5	-8.6	-1.7	39.4	-18.7	-3.8
5942	ok	0.0	0.3	4.13e-03	11.8	11.8	11.8	11.8	-0.2	-7.6	-1.4	14.2	-39.1	-5.80e-02
5943	ok	0.0	0.4	3.69e-03	11.8	11.8	11.8	11.8	-0.7	-6.7	-1.5	-0.7	-50.5	3.4
5944	ok	0.0	0.5	3.42e-03	11.8	11.8	11.8	11.8	-0.6	-6.1	-1.5	-12.0	-56.6	6.9
5945	ok	0.0	1.0	1.40e-03	11.8	15.0	11.8	13.4	4.0	11.3	-8.3	103.8	76.4	46.4
5951	ok	0.0	0.4	3.59e-03	11.8	11.8	11.8	11.8	-5.2	-2.7	-1.6	-18.0	-47.5	10.5
5952	ok	0.0	1.0	5.22e-03	26.2	11.8	19.0	24.4	-5.1	-22.5	-10.4	-72.4	216.2	29.0
5958	ok	0.0	0.3	3.94e-03	11.8	11.8	11.8	11.8	-0.5	-0.6	-0.2	-24.6	-18.5	-13.3
5959	ok	0.0	0.4	3.60e-03	11.8	11.8	11.8	11.8	-0.7	-4.2	-2.0	-22.1	-48.9	-5.6
5960	ok	0.0	0.4	3.89e-03	11.8	11.8	11.8	11.8	-0.7	-4.1	-2.0	-15.4	-43.6	-10.3
5961	ok	0.0	0.5	1.56e-03	11.8	11.8	11.8	11.8	-3.2	7.5	-3.1	53.9	-6.2	29.1
5962	ok	0.0	0.5	1.20e-03	11.8	11.8	11.8	11.8	-1.2	9.0	-3.9	30.0	-7.6	46.4
5963	ok	0.0	0.5	2.07e-03	11.8	11.8	11.8	11.8	0.7	-12.1	-6.6	17.0	44.0	25.1
5968	ok	0.0	0.8	1.46e-03	11.8	11.8	11.8	11.8	-2.6	8.1	-5.3	86.9	25.1	30.8
5969	ok	0.0	0.7	1.20e-03	11.8	11.8	11.8	11.8	-1.1	10.7	-0.2	56.9	48.9	34.3
5974	ok	0.0	0.5	3.19e-03	11.8	11.8	11.8	11.8	-7.1	-3.1	-1.4	-40.3	-51.4	20.4
5975	ok	0.0	0.3	4.63e-03	11.8	11.8	11.8	11.8	-0.7	-4.1	-2.1	-7.2	-36.8	-14.8
5976	ok	0.0	0.4	1.52e-03	11.8	11.8	11.8	11.8	-3.6	7.0	-2.1	40.3	-18.8	27.6
5977	ok	0.0	0.4	1.29e-03	11.8	11.8	11.8	11.8	-2.4	8.1	-2.9	31.5	-19.8	39.9
5978	ok	0.0	0.4	1.09e-03	11.8	11.8	11.8	11.8	-1.2	9.3	-3.3	17.0	-19.4	45.8
5983	ok	0.0	0.6	3.20e-03	11.8	11.8	11.8	11.8	-3.8	-4.5	-2.33e-02	-26.0	-54.6	27.4
5984	ok	0.0	0.4	1.53e-03	11.8	11.8	11.8	11.8	-4.1	6.2	-1.0	31.8	-26.3	26.3
5985	ok	0.0	0.4	1.39e-03	11.8	11.8	11.8	11.8	-2.3	8.0	-2.0	18.1	-32.9	38.8
5986	ok	0.0	0.5	1.08e-03	11.8	11.8	11.8	11.8	-1.0	9.4	-2.7	6.6	-32.3	48.0
5991	ok	0.0	0.6	3.01e-03	11.8	11.8	11.8	11.8	-5.1	-5.4	-1.0	-24.3	-60.0	26.8
5992	ok	0.0	0.4	1.55e-03	11.8	11.8	11.8	11.8	-3.6	5.7	-0.4	18.0	-32.8	24.6
5993	ok	0.0	0.5	1.34e-03	11.8	11.8	11.8	11.8	-2.5	7.5	-1.2	10.8	-39.5	36.9
5994	ok	0.0	0.6	1.12e-03	11.8	11.8	11.8	11.8	-1.4	8.5	-2.0	5.6	-39.0	45.3
5995	ok	0.0	0.6	1.05e-03	11.8	11.8	11.8	11.8	-0.9	9.8	-2.3	-2.6	-39.7	49.5
5999	ok	0.0	1.0	5.93e-03	113.4	121.4	120.3	127.7	-28.5	22.4	-10.8	553.8	587.3	-370.5
6000	ok	0.0	1.0	4.70e-03	15.8	32.4	14.7	30.2	-15.6	-25.3	-10.8	269.5	254.0	43.8
6005	ok	0.0	0.5	3.36e-03	11.8	11.8	11.8	11.8	-7.4	-2.4	-1.4	-42.4	-45.5	18.2
6006	ok	0.0	0.6	3.27e-03	11.8	11.8	11.8	11.8	-3.3	-5.3	0.4	-18.4	-53.8	29.0
6007	ok	0.0	0.4	1.42e-03	11.8	11.8	11.8	11.8	-1.15e-02	3.3	2.2	-44.6	-13.8	2.6
6008	ok	0.0	0.4	1.24e-03	11.8	11.8	11.8	11.8	0.3	3.7	1.8	-45.3	-7.3	4.5
6009	ok	0.0	0.4	1.23e-03	11.8	11.8	11.8	11.8	0.7	3.8	1.2	-42.3	4.5	5.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6010	ok	0.0	0.3	1.39e-03	11.8	11.8	11.8	11.8	1.2	4.1	0.6	-36.6	17.6	7.2
6011	ok	0.0	0.3	1.64e-03	11.8	11.8	11.8	11.8	1.9	4.7	-0.5	-24.9	36.1	7.2
6012	ok	0.0	0.6	2.24e-03	11.8	11.8	11.8	11.8	-11.9	13.9	1.6	-2.8	76.0	6.2
6013	ok	0.0	1.0	4.69e-03	14.7	15.8	24.5	24.4	-18.5	-5.0	-0.9	98.6	173.1	60.3
6014	ok	0.0	0.4	1.56e-03	11.8	11.8	11.8	11.8	-3.6	5.3	0.3	5.1	-39.7	24.1
6015	ok	0.0	0.5	1.34e-03	11.8	11.8	11.8	11.8	-3.0	6.6	-1.63e-02	4.2	-40.2	33.9
6016	ok	0.0	0.6	1.15e-03	11.8	11.8	11.8	11.8	-1.6	8.3	-1.1	-6.1	-47.7	45.0
6017	ok	0.0	0.7	1.00e-03	11.8	11.8	11.8	11.8	-0.6	10.2	-1.8	-10.9	-45.2	51.9
6021	ok	0.0	0.4	1.46e-03	11.8	11.8	11.8	11.8	-3.5	4.8	1.1	-5.4	-41.5	23.1
6022	ok	0.0	0.5	1.26e-03	11.8	11.8	11.8	11.8	-2.8	5.8	0.7	-8.2	-40.9	31.2
6023	ok	0.0	0.6	1.08e-03	11.8	11.8	11.8	11.8	0.7	9.6	-1.9	-12.2	-46.0	42.0
6024	ok	0.0	0.7	1.07e-03	11.8	11.8	11.8	11.8	1.0	10.9	-2.8	-14.3	-45.6	49.7
6025	ok	0.0	0.7	1.08e-03	11.8	11.8	11.8	11.8	1.1	12.6	-3.3	-15.6	-45.2	53.5
6028	ok	0.0	0.4	1.48e-03	11.8	11.8	11.8	11.8	-3.7	4.4	1.7	-14.9	-40.2	21.9
6029	ok	0.0	0.5	1.28e-03	11.8	11.8	11.8	11.8	-3.1	5.3	1.2	-16.3	-38.5	29.6
6030	ok	0.0	0.5	1.09e-03	11.8	11.8	11.8	11.8	0.7	8.3	-1.2	-16.2	-36.5	37.9
6031	ok	0.0	0.7	1.06e-03	11.8	11.8	11.8	11.8	1.4	10.7	-2.6	-21.3	-42.3	48.5
6032	ok	0.0	0.7	1.08e-03	11.8	11.8	11.8	11.8	1.5	12.1	-3.2	-17.8	-37.6	53.3
6033	ok	0.0	0.7	1.12e-03	11.8	11.8	11.8	11.8	1.4	13.3	-3.6	-16.0	-37.9	55.7
6035	ok	0.0	0.4	1.49e-03	11.8	11.8	11.8	11.8	-3.9	4.1	2.2	-23.2	-35.9	19.7
6036	ok	0.0	0.5	1.31e-03	11.8	11.8	11.8	11.8	0.7	6.1	-0.2	-24.0	-33.0	26.6
6037	ok	0.0	0.5	1.09e-03	11.8	11.8	11.8	11.8	1.1	7.2	-0.9	-24.5	-29.6	33.4
6038	ok	0.0	0.6	9.46e-04	11.8	11.8	11.8	11.8	1.7	9.5	-2.1	-23.7	-28.9	44.6
6039	ok	0.0	0.6	1.21e-03	11.8	11.8	11.8	11.8	1.9	11.2	-3.3	-21.1	-25.2	52.0
6040	ok	0.0	0.6	1.31e-03	11.8	11.8	11.8	11.8	1.6	13.8	-3.8	-16.4	-26.3	54.8
6042	ok	0.0	0.4	1.51e-03	11.8	11.8	11.8	11.8	0.5	4.7	0.9	-30.5	-30.4	16.3
6043	ok	0.0	0.4	1.32e-03	11.8	11.8	11.8	11.8	0.9	5.4	0.3	-31.1	-25.8	23.0
6044	ok	0.0	0.5	1.11e-03	11.8	11.8	11.8	11.8	1.4	6.4	-0.6	-29.8	-20.0	29.7
6045	ok	0.0	0.5	9.82e-04	11.8	11.8	11.8	11.8	1.9	7.8	-1.3	-25.6	-11.0	38.3
6046	ok	0.0	0.5	9.68e-04	11.8	11.8	11.8	11.8	2.5	9.9	-3.3	-25.5	-8.7	47.5
6047	ok	0.0	0.5	1.36e-03	11.8	11.8	11.8	11.8	-2.3	-3.1	-2.7	-9.5	34.8	30.7
6048	ok	0.0	1.0	2.31e-03	11.8	20.4	11.8	24.6	4.5	8.6	-6.3	145.9	153.5	48.1
6049	ok	0.0	0.4	1.44e-03	11.8	11.8	11.8	11.8	0.5	4.1	1.4	-36.3	-24.2	12.5
6050	ok	0.0	0.4	1.34e-03	11.8	11.8	11.8	11.8	0.9	4.7	0.8	-36.9	-18.2	17.9
6051	ok	0.0	0.4	1.23e-03	11.8	11.8	11.8	11.8	1.5	5.4	6.72e-03	-35.0	-9.9	23.4
6052	ok	0.0	0.4	1.06e-03	11.8	11.8	11.8	11.8	2.1	6.2	-0.9	-29.7	5.3	28.9
6053	ok	0.0	0.4	1.03e-03	11.8	11.8	11.8	11.8	2.7	8.2	-2.5	-22.3	17.0	37.1
6054	ok	0.0	0.5	1.62e-03	11.8	11.8	11.8	11.8	-2.7	-6.4	-2.3	-17.7	54.3	23.2
6055	ok	0.0	0.8	2.25e-03	11.8	11.8	11.8	11.8	1.1	-16.3	1.2	18.6	92.4	19.3
6056	ok	0.0	0.4	1.42e-03	11.8	11.8	11.8	11.8	0.3	3.7	1.8	-40.5	-18.6	8.0
6057	ok	0.0	0.4	1.32e-03	11.8	11.8	11.8	11.8	0.7	4.1	1.3	-41.1	-12.0	11.6
6058	ok	0.0	0.4	1.23e-03	11.8	11.8	11.8	11.8	1.2	4.6	0.6	-39.2	-2.4	15.3
6059	ok	0.0	0.3	1.22e-03	11.8	11.8	11.8	11.8	2.0	5.0	-0.1	-34.1	14.8	18.9
6060	ok	0.0	0.4	1.36e-03	11.8	11.8	11.8	11.8	3.0	5.9	-1.4	-23.6	33.2	22.7
6061	ok	0.0	0.7	1.49e-03	11.8	11.8	11.8	11.8	-6.0	9.4	-2.3	-6.2	71.6	29.5
6062	ok	0.0	0.9	2.38e-03	11.8	11.8	11.8	13.8	-11.1	14.0	-0.5	45.4	108.9	30.5
6063	ok	0.0	0.4	2.44e-03	11.8	11.8	11.8	11.8	-2.2	-1.9	-4.4	-29.0	7.0	-28.6
6064	ok	0.0	1.0	6.44e-03	22.1	45.0	14.8	27.3	-13.6	-4.0	8.8	316.8	93.4	-117.4
6065	ok	0.0	0.4	1.40e-03	11.8	11.8	11.8	11.8	-0.7	2.8	2.3	-45.0	-11.5	-4.6
6066	ok	0.0	0.4	1.35e-03	11.8	11.8	11.8	11.8	-0.8	2.9	2.0	-45.7	-7.2	-5.5
6067	ok	0.0	0.4	1.26e-03	11.8	11.8	11.8	11.8	1.0	-1.7	1.7	-35.1	-6.0	-12.4
6068	ok	0.0	0.3	1.39e-03	11.8	11.8	11.8	11.8	-0.8	2.7	0.8	-36.9	6.7	-7.7
6069	ok	0.0	0.3	1.73e-03	11.8	11.8	11.8	11.8	4.0	-0.7	3.5	-26.8	-2.9	-20.5
6070	ok	0.0	0.6	1.18e-02	11.8	11.8	11.8	11.8	-63.9	-57.2	28.8	62.6	29.1	-33.4
6071	ok	0.0	0.2	6.06e-03	11.8	11.8	11.8	11.8	13.8	-4.6	-6.0	-17.1	-17.0	9.1
6072	ok	0.0	0.4	1.38e-03	11.8	11.8	11.8	11.8	-0.4	3.0	2.3	-45.4	-12.0	-1.3
6073	ok	0.0	0.4	1.31e-03	11.8	11.8	11.8	11.8	-0.3	3.3	2.0	-46.1	-6.4	-1.1
6074	ok	0.0	0.4	1.26e-03	11.8	11.8	11.8	11.8	0.7	-2.2	-3.8	-33.8	2.3	-12.3
6075	ok	0.0	0.3	1.44e-03	11.8	11.8	11.8	11.8	3.1	-1.4	-2.4	-33.5	3.9	-16.2
6076	ok	0.0	0.3	1.84e-03	11.8	11.8	11.8	11.8	0.2	3.6	-0.2	-24.2	26.6	-3.9
6077	ok	0.0	0.4	2.75e-03	11.8	11.8	11.8	11.8	-14.4	4.9	-11.9	25.3	47.6	15.0
6078	ok	0.0	0.6	3.92e-03	11.8	11.8	11.8	11.8	-17.1	-7.5	-13.9	48.7	61.7	15.0
6079	ok	0.0	0.8	4.69e-03	11.8	11.8	11.8	11.8	-4.6	-1.3	-2.2	74.7	21.3	41.8
6080	ok	0.0	0.4	2.12e-03	11.8	11.8	11.8	11.8	-6.1	-5.3	-4.6	33.9	18.9	26.4
6081	ok	0.0	0.6	3.88e-03	11.8	11.8	11.8	11.8	-3.8	-11.3	-5.8	75.4	48.6	-2.5
6082	ok	0.0	0.4	1.34e-03	11.8	11.8	11.8	11.8	-1.4	2.3	1.7	-46.4	-9.1	-11.1
6083	ok	0.0	0.4	1.47e-03	11.8	11.8	11.8	11.8	-1.7	1.8	1.1	-49.8	-6.5	-14.1
6084	ok	0.0	0.4	1.82e-03	11.8	11.8	11.8	11.8	3.3	-1.1	0.4	-36.2	-10.8	-19.8
6085	ok	0.0	0.4	2.35e-03	11.8	11.8	11.8	11.8	5.1	1.9	3.6	-34.3	-12.6	-21.8
6086	ok	0.0	0.4	2.82e-03	11.8	11.8	11.8	11.8	6.5	2.6	4.0	-29.9	-13.5	-19.5
6087	ok	0.0	0.5	3.19e-03	11.8	11.8	11.8	11.8	-1.1	-6.6	-0.6	-10.2	-59.9	19.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6088	ok	0.0	0.4	1.39e-03	11.8	11.8	11.8	11.8	-5.5	1.9	0.9	-43.5	-12.4	-8.2
6089	ok	0.0	0.4	1.31e-03	11.8	11.8	11.8	11.8	-1.0	2.5	1.8	-45.3	-9.2	-9.4
6090	ok	0.0	0.2	5.33e-03	11.8	11.8	11.8	11.8	-10.6	-17.9	9.4	-30.3	-8.2	-4.6
6091	ok	0.0	0.4	3.85e-03	11.8	11.8	11.8	11.8	-7.8	-18.1	6.3	-48.9	-19.7	-13.9
6092	ok	0.0	0.5	7.99e-03	11.8	11.8	11.8	11.8	-35.4	-37.3	24.2	43.0	45.6	-19.2
6093	ok	0.0	0.4	2.42e-03	11.8	11.8	11.8	11.8	4.9	2.1	2.6	-20.8	-11.4	-19.5
6094	ok	0.0	0.3	2.51e-03	11.8	11.8	11.8	11.8	-10.4	-7.0	-9.2	25.0	20.7	20.9
6096	ok	0.0	0.5	4.32e-03	11.8	11.8	11.8	11.8	1.1	2.1	2.2	-62.9	6.0	-10.0
6097	ok	0.0	0.3	5.61e-03	11.8	11.8	11.8	11.8	-2.96e-02	7.64e-04	-4.66e-05	-29.9	-11.9	-19.1
6098	ok	0.0	0.4	1.77e-03	11.8	11.8	11.8	11.8	-1.9	-5.62e-02	-0.6	-36.4	-11.1	-18.8
6099	ok	0.0	0.6	3.72e-03	11.8	11.8	11.8	11.8	-4.9	-0.6	-1.3	-70.9	-31.6	-20.4
6100	ok	0.0	0.6	3.50e-03	11.8	11.8	11.8	11.8	-5.4	-4.7	-4.0	-58.0	-34.4	-25.9
6103	ok	0.0	9.32e-02	5.48e-03	11.8	11.8	11.8	11.8	0.4	6.91e-02	0.2	-3.7	-3.2	-3.8
6104	ok	0.0	0.6	4.10e-03	11.8	11.8	11.8	11.8	-14.1	-15.3	-0.2	-53.6	-31.4	-26.1
6105	ok	0.0	0.4	1.46e-03	11.8	11.8	11.8	11.8	-4.7	1.2	6.40e-02	-41.6	-12.0	-12.3
6106	ok	0.0	0.5	1.46e-03	11.8	11.8	11.8	11.8	-5.4	0.6	-0.8	-49.9	-12.0	-17.6
6107	ok	0.0	0.5	1.63e-03	11.8	11.8	11.8	11.8	-1.5	1.1	0.5	-49.5	-7.7	-18.0
6108	ok	0.0	0.4	2.15e-03	11.8	11.8	11.8	11.8	5.7	-2.4	3.2	-37.1	-13.3	-21.8
6109	ok	0.0	0.4	2.57e-03	11.8	11.8	11.8	11.8	6.7	1.8	4.0	-34.1	-16.4	-23.0
6110	ok	0.0	0.6	5.69e-03	11.8	11.8	11.8	11.8	-15.8	-3.7	-6.1	56.1	16.5	30.4
6111	ok	0.0	0.2	5.48e-03	11.8	11.8	11.8	11.8	0.2	0.2	0.1	-17.1	-10.1	-15.6
6112	ok	0.0	0.4	1.61e-03	11.8	11.8	11.8	11.8	-3.8	0.5	-0.5	-42.4	-13.1	-17.1
6113	ok	0.0	0.5	1.58e-03	11.8	11.8	11.8	11.8	-3.9	-5.18e-02	-1.1	-46.6	-10.3	-19.4
6114	ok	0.0	0.5	1.70e-03	11.8	11.8	11.8	11.8	-0.5	-0.1	-0.2	-43.8	-11.9	-23.8
6115	ok	0.0	0.3	4.34e-03	11.8	11.8	11.8	11.8	-10.8	-6.4	4.5	-1.0	9.1	29.0
6117	ok	0.0	0.4	5.72e-03	11.8	11.8	11.8	11.8	-1.0	-0.3	-0.6	-40.0	-13.9	-23.7
6118	ok	0.0	0.5	5.71e-03	11.8	11.8	11.8	11.8	-3.0	-2.4	-1.7	-47.0	-14.5	-30.5
6119	ok	0.0	0.2	2.14e-03	11.8	11.8	11.8	11.8	4.4	1.5	2.6	-15.5	-4.2	-8.1
6123	ok	0.0	0.2	0.1	11.8	11.8	11.8	11.8	5.8	-596.1	-170.3	1.5	-52.2	-12.9
6124	ok	0.0	0.2	0.1	11.8	11.8	11.8	11.8	31.5	-893.0	-2.2	-0.8	-59.2	-0.3
6125	ok	0.0	0.7	5.54e-03	11.8	11.8	11.8	11.8	-4.0	0.6	-4.4	61.3	21.6	37.3
6126	ok	0.0	0.4	1.21e-03	11.8	11.8	11.8	11.8	-5.2	-5.1	-4.1	34.8	19.7	27.2
6128	ok	0.0	0.1	3.53e-04	11.8	11.8	11.8	11.8	-0.7	3.2	-2.55e-02	1.9	-11.8	-4.5
6129	ok	0.0	0.3	5.33e-03	11.8	11.8	11.8	11.8	-0.9	2.44e-02	-0.2	27.3	4.7	12.8
6130	ok	0.0	0.2	0.1	11.8	11.8	11.8	11.8	-10.0	-877.7	1.2	0.2	-56.8	-0.3
6131	ok	0.0	0.8	4.43e-03	11.8	11.8	11.8	11.8	-10.7	-3.7	-2.8	75.0	24.7	44.4
6134	ok	0.0	0.5	8.46e-03	11.8	11.8	11.8	11.8	-3.6	-32.4	8.3	-31.6	-62.7	11.6
6135	ok	0.0	0.5	2.65e-03	11.8	11.8	11.8	11.8	-11.7	-7.9	-2.5	-27.4	-60.8	13.2
6136	ok	0.0	0.5	2.73e-03	11.8	11.8	11.8	11.8	-7.4	-3.1	-3.2	-46.2	-50.9	13.4
6137	ok	0.0	0.5	2.67e-03	11.8	11.8	11.8	11.8	-11.6	-8.2	-2.7	-15.7	-58.5	12.8
6138	ok	0.0	0.4	3.56e-03	11.8	11.8	11.8	11.8	-5.6	-2.0	-1.9	-32.0	-48.5	9.3
6139	ok	0.0	0.2	3.80e-03	11.8	11.8	11.8	11.8	-0.3	-6.26e-02	0.3	-11.0	-8.5	-8.9
6140	ok	0.0	0.5	5.25e-03	11.8	11.8	11.8	11.8	0.8	0.3	0.5	-34.1	-19.9	-29.7
6141	ok	0.0	0.4	5.23e-03	11.8	11.8	11.8	11.8	-0.8	-1.7	-1.4	-12.2	-29.8	-23.5
6142	ok	0.0	0.4	4.86e-03	11.8	11.8	11.8	11.8	-0.9	-2.4	-1.8	-18.5	-34.8	-20.4
6143	ok	0.0	0.4	3.96e-03	11.8	11.8	11.8	11.8	-0.7	-2.9	-1.8	-22.5	-40.4	-14.1
6144	ok	0.0	0.4	4.23e-03	11.8	11.8	11.8	11.8	0.5	-8.70e-02	0.1	-27.3	-19.0	-19.6
6146	ok	0.0	0.5	3.27e-03	11.8	11.8	11.8	11.8	-0.8	-6.6	-1.0	-10.1	-59.0	14.5
6147	ok	0.0	0.4	4.74e-03	11.8	11.8	11.8	11.8	1.4	0.5	0.8	-36.1	-14.7	-25.1
6149	ok	0.0	0.4	3.75e-03	11.8	11.8	11.8	11.8	-5.0	-2.0	-1.8	-25.0	-43.7	4.7
6150	ok	0.0	0.3	5.28e-03	11.8	11.8	11.8	11.8	-1.2	-3.9	-2.2	-1.1	-28.8	-18.4
6151	ok	0.0	0.2	5.69e-03	11.8	11.8	11.8	11.8	-1.1	-2.5	-2.1	11.9	-19.0	-15.5
6152	ok	0.0	0.5	3.56e-03	11.8	11.8	11.8	11.8	-6.0	-1.6	-1.1	-43.4	-39.5	13.9
6153	ok	0.0	0.4	3.64e-03	11.8	11.8	11.8	11.8	-6.2	-1.7	-0.5	-39.3	-32.1	15.9
6154	ok	0.0	0.9	4.57e-03	11.8	12.6	11.8	13.8	-10.7	0.2	-7.5	56.9	118.2	19.5
6155	ok	0.0	0.3	3.98e-03	11.8	11.8	11.8	11.8	-6.7	-1.2	-0.3	-33.4	-14.2	10.1
6156	ok	0.0	0.4	3.87e-03	11.8	11.8	11.8	11.8	-6.2	-1.1	-0.8	-40.4	-25.2	8.8
6157	ok	0.0	0.4	4.09e-03	11.8	11.8	11.8	11.8	-5.9	-6.3	3.1	1.6	-22.3	35.1
6158	ok	0.0	0.5	3.53e-03	11.8	11.8	11.8	11.8	-3.6	-6.2	1.6	-4.8	-41.2	29.6
6159	ok	0.0	0.5	3.29e-03	11.8	11.8	11.8	11.8	-2.5	-6.2	0.6	-9.9	-53.5	28.0
6160	ok	0.0	0.6	3.06e-03	11.8	11.8	11.8	11.8	-2.5	-5.6	-0.2	-19.3	-60.3	28.1
6161	ok	0.0	0.5	3.43e-03	11.8	11.8	11.8	11.8	-5.8	-2.4	-0.3	-37.4	-40.5	21.0
6162	ok	0.0	0.3	6.14e-03	11.8	11.8	11.8	11.8	-4.2	-6.4	-4.8	40.0	7.7	9.6
6163	ok	0.0	0.3	4.19e-03	11.8	11.8	11.8	11.8	-13.3	5.4	-2.9	-9.9	34.6	-3.1
6164	ok	0.0	0.3	3.84e-03	11.8	11.8	11.8	11.8	-12.1	5.6	-3.5	-13.1	36.3	-1.4
6165	ok	0.0	0.3	3.74e-03	11.8	11.8	11.8	11.8	-13.7	-3.2	6.1	-11.0	36.5	-5.1
6166	ok	0.0	0.3	3.79e-03	11.8	11.8	11.8	11.8	-11.8	5.1	-2.4	-13.6	38.7	-3.1
6167	ok	0.0	0.3	4.01e-03	11.8	11.8	11.8	11.8	-14.2	-5.3	7.0	-10.3	37.8	-6.7
6168	ok	0.0	0.3	4.04e-03	11.8	11.8	11.8	11.8	-12.8	4.7	-1.8	-10.4	39.5	-3.3
6169	ok	0.0	0.2	4.26e-03	11.8	11.8	11.8	11.8	-17.7	-10.1	17.2	0.6	23.6	8.6
6170	ok	0.0	0.3	4.84e-03	11.8	11.8	11.8	11.8	-8.9	-19.3	11.5	26.5	25.5	3.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6171	ok	0.0	0.3	4.33e-03	11.8	11.8	11.8	11.8	-11.8	-6.4	10.1	-9.0	42.5	-0.3
6172	ok	0.0	1.0	5.68e-03	11.8	11.8	11.8	12.7	-28.3	-11.8	12.5	63.4	106.9	-9.9
6173	ok	0.0	0.4	4.53e-03	11.8	11.8	11.8	11.8	-18.0	-13.9	17.8	16.3	32.8	9.9
6174	ok	0.0	0.6	5.20e-03	11.8	11.8	11.8	11.8	-15.9	-14.0	12.9	24.9	60.0	17.8
6175	ok	0.0	0.2	3.60e-03	11.8	11.8	11.8	11.8	-11.0	-5.0	7.9	-8.5	20.0	-3.3
6176	ok	0.0	0.3	3.70e-03	11.8	11.8	11.8	11.8	-12.6	-4.1	7.1	-10.3	31.0	-4.4
6177	ok	0.0	0.2	3.87e-03	11.8	11.8	11.8	11.8	-11.6	-7.4	8.4	-6.1	22.0	2.9
6178	ok	0.0	0.3	4.00e-03	11.8	11.8	11.8	11.8	-13.3	-6.4	8.1	-10.5	33.4	-2.1
6179	ok	0.0	0.3	2.58e-03	11.8	11.8	11.8	11.8	0.8	2.0	-1.2	22.3	18.5	10.4
6180	ok	0.0	0.3	4.14e-03	11.8	11.8	11.8	11.8	-6.6	-1.2	3.6	11.4	-25.6	6.0
6181	ok	0.0	0.3	5.23e-03	11.8	11.8	11.8	11.8	-10.2	20.9	-1.0	-6.8	-31.5	-2.5
6182	ok	0.0	0.3	2.62e-03	11.8	11.8	11.8	11.8	-4.6	-5.3	2.3	-33.8	-12.8	-2.7
6183	ok	0.0	0.3	2.78e-03	11.8	11.8	11.8	11.8	-0.1	2.9	-1.6	26.5	14.1	12.3
6184	ok	0.0	0.2	2.94e-03	11.8	11.8	11.8	11.8	-8.12e-02	-7.2	8.3	14.3	-18.7	14.7
6185	ok	0.0	0.3	3.03e-03	11.8	11.8	11.8	11.8	-2.1	-2.5	3.2	11.5	-26.5	14.9
6186	ok	0.0	0.3	3.20e-03	11.8	11.8	11.8	11.8	-2.8	-2.4	3.3	9.0	-36.3	12.1
6187	ok	0.0	0.3	3.39e-03	11.8	11.8	11.8	11.8	-3.6	-2.0	3.4	7.1	-41.1	9.5
6188	ok	0.0	0.3	3.59e-03	11.8	11.8	11.8	11.8	-4.5	-1.8	3.4	6.8	-40.5	7.8
6189	ok	0.0	0.3	3.92e-03	11.8	11.8	11.8	11.8	-5.5	-1.5	3.5	8.0	-35.2	6.6
6190	ok	0.0	0.3	4.42e-03	11.8	11.8	11.8	11.8	-6.4	-2.6	4.1	7.9	-24.7	3.7
6191	ok	0.0	0.3	4.61e-03	11.8	11.8	11.8	11.8	-9.2	16.7	-3.9	-1.8	-29.6	1.1
6192	ok	0.0	0.3	4.96e-03	11.8	11.8	11.8	11.8	-10.0	18.4	-2.3	-5.1	-30.3	-0.6
6193	ok	0.0	0.3	4.79e-03	11.8	11.8	11.8	11.8	-9.1	19.0	-1.0	-9.3	-34.1	-3.5
6194	ok	0.0	0.3	4.36e-03	11.8	11.8	11.8	11.8	-8.2	-7.4	3.3	-11.2	-39.5	-1.0
6195	ok	0.0	0.3	3.98e-03	11.8	11.8	11.8	11.8	-7.5	-7.0	3.2	-15.7	-40.0	-1.6
6196	ok	0.0	0.3	3.65e-03	11.8	11.8	11.8	11.8	-6.8	-6.7	3.1	-20.1	-37.1	-1.8
6197	ok	0.0	0.3	3.36e-03	11.8	11.8	11.8	11.8	-6.2	-6.3	3.0	-24.4	-31.9	-1.8
6198	ok	0.0	0.2	3.09e-03	11.8	11.8	11.8	11.8	-5.6	-6.0	2.8	-28.3	-25.4	-1.9
6199	ok	0.0	0.3	2.84e-03	11.8	11.8	11.8	11.8	-5.1	-5.7	2.6	-31.5	-18.7	-2.2
6200	ok	0.0	0.3	2.55e-03	11.8	11.8	11.8	11.8	-4.9	-4.9	2.7	-30.6	-10.6	0.1
6201	ok	0.0	0.2	2.48e-03	11.8	11.8	11.8	11.8	-4.0	-12.4	8.1	-21.7	-9.9	1.2
6202	ok	0.0	0.1	2.44e-03	11.8	11.8	11.8	11.8	0.9	2.2	-1.2	5.9	7.6	9.5
6203	ok	0.0	0.3	4.61e-03	11.8	11.8	11.8	11.8	-9.3	-7.1	3.9	-5.5	-33.6	2.2
6204	ok	0.0	0.3	4.35e-03	11.8	11.8	11.8	11.8	-9.5	-5.9	4.2	-1.7	-33.7	3.8
6205	ok	0.0	0.3	4.07e-03	11.8	11.8	11.8	11.8	-5.3	-2.8	3.8	4.0	-34.3	5.4
6206	ok	0.0	0.3	4.24e-03	11.8	11.8	11.8	11.8	-8.4	-6.7	3.7	-9.0	-38.7	2.3
6207	ok	0.0	0.3	4.06e-03	11.8	11.8	11.8	11.8	-8.6	-5.8	4.0	-4.8	-38.8	5.0
6208	ok	0.0	0.3	3.83e-03	11.8	11.8	11.8	11.8	-4.3	-2.9	3.6	1.5	-39.3	7.0
6209	ok	0.0	0.3	3.91e-03	11.8	11.8	11.8	11.8	-7.6	-6.4	3.6	-12.9	-39.4	2.6
6210	ok	0.0	0.3	3.77e-03	11.8	11.8	11.8	11.8	-7.7	-5.6	3.9	-7.9	-39.5	6.2
6211	ok	0.0	0.3	3.60e-03	11.8	11.8	11.8	11.8	-7.8	-4.8	3.9	-1.1	-40.2	8.7
6212	ok	0.0	0.3	3.60e-03	11.8	11.8	11.8	11.8	-6.9	-6.1	3.5	-16.9	-36.6	3.0
6213	ok	0.0	0.3	3.51e-03	11.8	11.8	11.8	11.8	-7.0	-5.5	3.8	-11.0	-36.3	7.3
6214	ok	0.0	0.3	3.38e-03	11.8	11.8	11.8	11.8	-7.1	-4.7	3.9	-2.5	-36.4	10.5
6215	ok	0.0	0.3	3.31e-03	11.8	11.8	11.8	11.8	-6.4	-5.8	3.4	-21.0	-31.1	3.2
6216	ok	0.0	0.3	3.25e-03	11.8	11.8	11.8	11.8	-6.5	-5.2	3.7	-14.2	-29.8	7.9
6217	ok	0.0	0.3	3.17e-03	11.8	11.8	11.8	11.8	-6.6	-4.7	3.9	-4.0	-28.4	12.0
6218	ok	0.0	0.2	3.04e-03	11.8	11.8	11.8	11.8	-5.8	-5.5	3.2	-24.8	-24.0	2.8
6219	ok	0.0	0.2	2.99e-03	11.8	11.8	11.8	11.8	-6.1	-5.0	3.5	-17.5	-21.2	7.5
6220	ok	0.0	0.2	2.94e-03	11.8	11.8	11.8	11.8	-2.1	-12.0	7.1	-4.2	-20.6	10.7
6221	ok	0.0	0.2	2.78e-03	11.8	11.8	11.8	11.8	-5.4	-5.2	3.0	-28.1	-16.8	1.7
6222	ok	0.0	0.2	2.71e-03	11.8	11.8	11.8	11.8	-5.7	-4.7	3.3	-20.5	-12.8	5.7
6223	ok	0.0	0.2	2.66e-03	11.8	11.8	11.8	11.8	0.5	-8.6	8.1	3.3	-11.3	12.5
6224	ok	0.0	0.2	4.32e-03	11.8	11.8	11.8	11.8	-5.6	14.9	-5.3	8.7	-27.2	3.5
6225	ok	0.0	0.3	5.64e-03	11.8	11.8	11.8	11.8	-10.5	25.2	-1.5	-5.8	-29.0	-1.9
6226	ok	0.0	0.2	4.49e-03	11.8	11.8	11.8	11.8	-10.4	16.0	-4.3	4.1	-26.3	1.3
6227	ok	0.0	0.2	4.65e-03	11.8	11.8	11.8	11.8	-10.6	17.3	-3.5	0.4	-26.6	0.3
6228	ok	0.0	0.2	5.25e-03	11.8	11.8	11.8	11.8	-10.9	19.5	-2.5	-3.8	-27.2	-0.4
6229	ok	0.0	0.2	4.41e-03	11.8	11.8	11.8	11.8	-8.0	-17.5	11.3	18.4	15.9	4.1
6230	ok	0.0	0.2	6.07e-03	11.8	11.8	11.8	11.8	-0.9	-40.0	6.6	5.4	18.5	8.8
6231	ok	0.0	0.2	4.53e-03	11.8	11.8	11.8	11.8	-8.2	-23.7	11.8	15.6	18.7	-0.9
6232	ok	0.0	0.2	4.86e-03	11.8	11.8	11.8	11.8	-3.0	-28.1	11.6	7.7	20.1	0.3
6233	ok	0.0	0.2	5.32e-03	11.8	11.8	11.8	11.8	-6.2	-24.5	17.6	3.9	13.9	6.0
6234	ok	0.0	0.2	6.27e-03	11.8	11.8	11.8	11.8	-6.8	-34.6	16.2	9.1	23.2	11.3
6235	ok	0.0	0.3	5.22e-03	11.8	11.8	11.8	11.8	-9.3	-23.8	11.6	20.9	28.2	-2.7
6236	ok	0.0	0.2	4.97e-03	11.8	11.8	11.8	11.8	-0.5	-28.8	-6.4	8.4	22.5	-4.4
6237	ok	0.0	0.2	5.58e-03	11.8	11.8	11.8	11.8	-7.0	-31.7	17.7	4.1	21.3	6.0
6238	ok	0.0	0.3	6.96e-03	11.8	11.8	11.8	11.8	-5.8	-34.4	16.8	12.2	38.6	7.4
6239	ok	0.0	0.3	5.74e-03	11.8	11.8	11.8	11.8	-0.4	-34.5	10.7	-2.1	35.5	5.1
6240	ok	0.0	0.4	5.44e-03	11.8	11.8	11.8	11.8	0.4	-29.4	-5.8	10.0	39.6	-4.0
6241	ok	0.0	0.5	5.01e-03	11.8	11.8	11.8	11.8	-1.6	-15.6	-2.1	34.8	55.4	-12.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6242	ok	0.0	0.2	3.19e-03	11.8	11.8	11.8	11.8	-4.0	7.7	-6.5	3.8	-27.2	-1.5
6243	ok	0.0	0.5	2.47e-03	11.8	11.8	11.8	11.8	-5.6	-9.8	-6.8	59.1	28.9	9.3
6244	ok	0.0	0.3	3.02e-03	11.8	11.8	11.8	11.8	-3.4	7.4	-5.9	5.5	-31.8	-2.4
6245	ok	0.0	0.3	2.86e-03	11.8	11.8	11.8	11.8	-4.0	1.3	2.6	6.8	-40.0	-3.3
6246	ok	0.0	0.3	2.73e-03	11.8	11.8	11.8	11.8	-3.3	1.1	2.9	10.8	-41.9	-4.7
6247	ok	0.0	0.3	2.62e-03	11.8	11.8	11.8	11.8	-2.6	0.8	3.2	16.6	-38.3	-6.6
6248	ok	0.0	0.3	2.51e-03	11.8	11.8	11.8	11.8	-2.1	0.9	3.6	23.9	-29.1	-8.3
6249	ok	0.0	0.4	2.51e-03	11.8	11.8	11.8	11.8	-4.5	2.0	-4.3	42.7	18.9	-9.0
6250	ok	0.0	0.4	2.56e-03	11.8	11.8	11.8	11.8	-5.5	3.1	-3.1	50.8	36.5	7.4
6251	ok	0.0	0.2	3.34e-03	11.8	11.8	11.8	11.8	-4.0	9.5	-6.3	5.2	-28.1	0.6
6252	ok	0.0	1.0	3.44e-03	15.4	19.2	16.9	18.4	-6.4	-10.8	0.5	148.3	122.4	33.0
6253	ok	0.0	0.3	3.15e-03	11.8	11.8	11.8	11.8	-5.1	1.1	2.5	5.3	-34.2	1.0
6254	ok	0.0	0.3	2.98e-03	11.8	11.8	11.8	11.8	-4.2	0.8	2.8	8.6	-40.7	-0.1
6255	ok	0.0	0.4	2.87e-03	11.8	11.8	11.8	11.8	-3.5	0.6	3.0	13.4	-42.6	-1.1
6256	ok	0.0	0.3	2.72e-03	11.8	11.8	11.8	11.8	-2.8	0.3	3.2	20.6	-39.1	-2.2
6257	ok	0.0	0.3	2.55e-03	11.8	11.8	11.8	11.8	-2.2	0.4	3.4	31.0	-29.9	-3.5
6258	ok	0.0	0.6	2.64e-03	11.8	11.8	11.8	11.8	-4.5	2.4	-3.5	67.7	37.0	-4.7
6259	ok	0.0	0.8	2.52e-03	11.8	11.8	11.8	11.8	-0.5	1.44e-02	7.0	87.0	72.4	10.5
6260	ok	0.0	0.3	3.48e-03	11.8	11.8	11.8	11.8	-4.9	6.6	-6.3	6.3	-28.7	2.3
6261	ok	0.0	1.0	1.81e-03	26.2	37.6	53.6	61.4	-6.8	1.6	2.0	173.7	411.0	171.2
6262	ok	0.0	0.3	3.30e-03	11.8	11.8	11.8	11.8	-5.3	0.6	2.7	7.4	-34.7	3.5
6263	ok	0.0	0.3	3.17e-03	11.8	11.8	11.8	11.8	-4.4	0.3	2.9	10.3	-41.1	2.7
6264	ok	0.0	0.4	2.99e-03	11.8	11.8	11.8	11.8	-3.6	0.1	3.1	15.0	-42.9	2.4
6265	ok	0.0	0.3	2.78e-03	11.8	11.8	11.8	11.8	-2.9	-0.2	3.2	23.0	-39.1	2.4
6266	ok	0.0	0.3	2.60e-03	11.8	11.8	11.8	11.8	-2.3	-8.98e-02	3.2	34.7	-29.4	2.8
6267	ok	0.0	0.5	2.48e-03	11.8	11.8	11.8	11.8	-5.4	1.8	-5.2	65.7	12.1	0.7
6268	ok	0.0	1.0	2.66e-03	11.8	16.5	22.3	24.3	-5.6	3.5	-4.8	129.6	170.9	-28.5
6269	ok	0.0	0.3	3.77e-03	11.8	11.8	11.8	11.8	-6.6	5.52e-02	3.0	10.3	-25.2	7.0
6270	ok	0.0	0.9	2.42e-03	11.8	17.9	14.3	17.0	-3.6	3.6	-0.5	34.5	107.2	-39.4
6271	ok	0.0	0.3	3.65e-03	11.8	11.8	11.8	11.8	-5.5	-0.4	3.1	9.2	-35.4	6.2
6272	ok	0.0	0.3	3.43e-03	11.8	11.8	11.8	11.8	-4.5	-0.7	3.2	10.1	-41.2	6.4
6273	ok	0.0	0.4	3.14e-03	11.8	11.8	11.8	11.8	-3.6	-0.9	3.2	13.2	-42.5	7.2
6274	ok	0.0	0.3	2.97e-03	11.8	11.8	11.8	11.8	-2.9	-1.3	3.2	19.0	-38.2	9.1
6275	ok	0.0	0.3	2.84e-03	11.8	11.8	11.8	11.8	-2.3	-1.3	3.1	27.6	-28.3	11.8
6276	ok	0.0	0.4	2.73e-03	11.8	11.8	11.8	11.8	-5.6	2.3	-3.3	49.7	32.7	9.3
6277	ok	0.0	0.7	2.81e-03	11.8	11.8	11.8	11.8	-0.6	3.1	-3.6	51.0	50.2	28.2
6278	ok	0.0	0.2	3.66e-03	11.8	11.8	11.8	11.8	-4.4	11.8	-6.5	5.7	-25.3	3.0
6279	ok	0.0	0.2	3.94e-03	11.8	11.8	11.8	11.8	-4.9	14.7	-5.8	8.9	-25.9	4.5
6280	ok	0.0	0.2	3.33e-03	11.8	11.8	11.8	11.8	-4.1	7.8	-7.0	2.6	-22.8	-1.0
6281	ok	0.0	0.2	3.50e-03	11.8	11.8	11.8	11.8	-4.0	9.8	-6.7	4.0	-24.1	1.4
6282	ok	0.0	0.2	3.85e-03	11.8	11.8	11.8	11.8	-4.9	7.5	-7.0	6.2	-16.5	4.1
6283	ok	0.0	0.2	4.17e-03	11.8	11.8	11.8	11.8	-8.8	-14.2	10.9	12.8	18.6	7.6
6284	ok	0.0	0.4	4.92e-03	11.8	11.8	11.8	11.8	-9.6	21.3	1.0	-5.8	-38.2	-9.4
6285	ok	0.0	0.2	2.69e-03	11.8	11.8	11.8	11.8	-3.5	-6.5	1.3	-20.9	-6.0	-7.4
6286	ok	0.0	0.3	5.26e-03	11.8	11.8	11.8	11.8	-9.9	22.6	0.6	-6.4	-33.5	-4.3
6287	ok	0.0	0.3	4.90e-03	11.8	11.8	11.8	11.8	-9.2	22.8	1.4	-5.4	-35.9	-6.9
6288	ok	0.0	0.4	4.46e-03	11.8	11.8	11.8	11.8	-9.2	-8.3	1.9	-5.1	-43.0	-10.4
6289	ok	0.0	0.4	4.14e-03	11.8	11.8	11.8	11.8	-8.3	-8.0	2.0	-9.0	-44.8	-12.4
6290	ok	0.0	0.4	3.81e-03	11.8	11.8	11.8	11.8	-7.5	-7.8	2.1	-12.3	-42.7	-13.9
6291	ok	0.0	0.4	3.56e-03	11.8	11.8	11.8	11.8	-6.7	-7.5	2.1	-15.2	-37.3	-14.9
6292	ok	0.0	0.3	3.33e-03	11.8	11.8	11.8	11.8	-5.8	-7.3	2.0	-17.8	-29.4	-14.7
6293	ok	0.0	0.3	3.11e-03	11.8	11.8	11.8	11.8	-5.0	-7.1	1.9	-20.0	-20.4	-13.3
6294	ok	0.0	0.2	2.91e-03	11.8	11.8	11.8	11.8	-4.2	-6.8	1.6	-21.1	-12.2	-10.6
6295	ok	0.0	0.3	2.69e-03	11.8	11.8	11.8	11.8	-3.9	-6.1	1.6	-28.6	-10.4	-6.7
6296	ok	0.0	0.3	2.67e-03	11.8	11.8	11.8	11.8	-4.2	-5.8	2.0	-33.0	-12.6	-5.1
6297	ok	0.0	0.3	4.66e-03	11.8	11.8	11.8	11.8	-9.2	12.1	-0.7	-8.8	-37.0	-8.6
6298	ok	0.0	0.3	4.80e-03	11.8	11.8	11.8	11.8	-9.2	11.9	-0.3	-9.4	-35.4	-6.1
6299	ok	0.0	0.4	4.26e-03	11.8	11.8	11.8	11.8	-8.2	-8.0	2.3	-10.5	-42.9	-8.8
6300	ok	0.0	0.3	4.36e-03	11.8	11.8	11.8	11.8	-8.2	-7.8	2.8	-11.5	-41.1	-4.8
6301	ok	0.0	0.4	3.92e-03	11.8	11.8	11.8	11.8	-7.4	-7.7	2.4	-14.9	-41.8	-10.2
6302	ok	0.0	0.3	3.98e-03	11.8	11.8	11.8	11.8	-7.4	-7.4	2.8	-16.2	-40.8	-5.9
6303	ok	0.0	0.3	3.62e-03	11.8	11.8	11.8	11.8	-6.7	-7.3	2.4	-18.9	-37.5	-10.9
6304	ok	0.0	0.3	3.66e-03	11.8	11.8	11.8	11.8	-6.7	-7.0	2.7	-20.7	-37.5	-6.4
6305	ok	0.0	0.3	3.36e-03	11.8	11.8	11.8	11.8	-5.9	-7.0	2.3	-22.5	-31.1	-10.9
6306	ok	0.0	0.3	3.37e-03	11.8	11.8	11.8	11.8	-6.1	-6.7	2.6	-24.8	-31.9	-6.5
6307	ok	0.0	0.3	3.13e-03	11.8	11.8	11.8	11.8	-5.2	-6.7	2.2	-25.6	-23.6	-10.0
6308	ok	0.0	0.3	3.12e-03	11.8	11.8	11.8	11.8	-5.4	-6.4	2.5	-28.4	-25.3	-6.2
6309	ok	0.0	0.3	2.91e-03	11.8	11.8	11.8	11.8	-4.5	-6.5	1.9	-27.6	-16.4	-8.5
6310	ok	0.0	0.3	2.88e-03	11.8	11.8	11.8	11.8	-4.8	-6.1	2.3	-31.2	-18.5	-5.6
6311	ok	0.0	0.3	5.32e-03	11.8	11.8	11.8	11.8	-10.1	23.4	5.7	-3.7	-36.7	-8.5
6312	ok	0.0	0.3	5.41e-03	11.8	11.8	11.8	11.8	-10.5	25.1	0.9	-4.4	-31.2	-2.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6313	ok	0.0	0.3	5.34e-03	11.8	11.8	11.8	11.8	-9.6	25.3	6.1	-3.0	-34.9	-5.5
6314	ok	0.0	0.4	6.68e-03	11.8	11.8	11.8	11.8	-8.1	-47.1	-12.5	20.3	29.3	1.0
6315	ok	0.0	0.6	6.99e-03	11.8	11.8	11.8	11.8	-13.0	-47.4	-7.4	49.6	45.8	9.4
6316	ok	0.0	0.3	6.08e-03	11.8	11.8	11.8	11.8	-0.8	-44.5	-0.7	27.8	17.1	8.5
6317	ok	0.0	0.3	6.92e-03	11.8	11.8	11.8	11.8	-0.9	-51.7	0.5	21.4	38.4	13.1
6318	ok	0.0	1.0	6.95e-03	11.8	11.8	15.1	15.6	-20.6	-40.9	8.9	92.6	134.0	13.3
6319	ok	0.0	0.5	7.24e-03	11.8	11.8	11.8	11.8	-10.6	-55.0	0.2	24.0	55.8	24.2
6320	ok	0.0	0.3	5.81e-03	11.8	11.8	11.8	11.8	-5.4	26.1	13.1	-0.4	-34.0	-6.5
6321	ok	0.0	0.3	6.01e-03	11.8	11.8	11.8	11.8	-13.3	19.3	13.5	13.0	-20.2	-2.7
6322	ok	0.0	0.3	5.92e-03	11.8	11.8	11.8	11.8	-5.0	-33.0	11.3	16.5	10.6	8.7
6323	ok	0.0	0.1	3.47e-03	11.8	11.8	11.8	11.8	-9.4	-1.7	7.8	-4.5	13.5	-3.3
6324	ok	0.0	0.2	3.66e-03	11.8	11.8	11.8	11.8	-10.2	-7.5	8.6	-4.4	14.8	2.7
6325	ok	0.0	0.3	5.88e-03	11.8	11.8	11.8	11.8	-6.0	21.6	14.8	-3.9	-28.3	-9.7
6326	ok	0.0	0.3	6.15e-03	11.8	11.8	11.8	11.8	-2.3	-38.2	-13.3	11.7	29.5	8.2
6327	ok	0.0	0.3	5.15e-03	11.8	11.8	11.8	11.8	-5.7	14.2	18.8	-16.0	-40.0	-2.6
6328	ok	0.0	0.3	5.07e-03	11.8	11.8	11.8	11.8	-1.7	11.9	6.5	-20.4	-32.7	3.3
6329	ok	0.0	0.3	5.02e-03	11.8	11.8	11.8	11.8	-5.1	16.6	17.7	-13.2	-35.7	-5.0
6330	ok	0.0	0.3	5.40e-03	11.8	11.8	11.8	11.8	-6.6	18.7	15.2	-10.6	-31.6	-8.4
6331	ok	0.0	0.3	5.26e-03	11.8	11.8	11.8	11.8	-1.2	11.5	5.2	-17.4	-25.8	1.7
6332	ok	0.0	0.2	5.71e-03	11.8	11.8	11.8	11.8	-6.0	19.8	15.0	-10.5	-21.9	-3.6
6333	ok	0.0	0.4	5.34e-03	11.8	11.8	11.8	11.8	-2.4	14.4	7.5	-19.8	-41.5	2.0
6334	ok	0.0	0.3	6.17e-03	11.8	11.8	11.8	11.8	-1.1	13.9	7.8	-21.6	-37.8	4.6
6335	ok	0.0	0.4	7.04e-03	11.8	11.8	11.8	11.8	-5.2	-16.3	11.4	-28.6	-43.4	6.7
6336	ok	0.0	0.4	8.15e-03	11.8	11.8	11.8	11.8	-3.4	8.5	5.7	-26.5	-42.1	1.4
6337	ok	0.0	0.4	7.04e-03	11.8	11.8	11.8	11.8	-7.6	-12.7	12.1	-27.6	-44.8	7.7
6338	ok	0.0	0.4	6.67e-03	11.8	11.8	11.8	11.8	-9.8	-9.3	11.6	-26.0	-45.4	7.9
6339	ok	0.0	0.4	6.24e-03	11.8	11.8	11.8	11.8	-11.6	-6.3	10.2	-24.1	-44.9	7.4
6340	ok	0.0	0.4	6.01e-03	11.8	11.8	11.8	11.8	-13.0	-4.2	8.2	-22.0	-43.0	6.0
6341	ok	0.0	0.4	8.24e-03	11.8	11.8	11.8	11.8	1.8	9.7	5.4	-26.0	-43.9	2.2
6342	ok	0.0	0.4	7.59e-03	11.8	11.8	11.8	11.8	-0.6	9.5	4.9	-25.0	-44.9	2.6
6343	ok	0.0	0.4	6.96e-03	11.8	11.8	11.8	11.8	-1.7	9.9	4.2	-23.8	-44.8	2.8
6344	ok	0.0	0.4	6.67e-03	11.8	11.8	11.8	11.8	-0.8	14.2	-12.2	-22.3	-40.9	5.3
6345	ok	0.0	0.4	5.30e-03	11.8	11.8	11.8	11.8	-12.8	-4.5	5.6	-18.7	-44.5	2.2
6346	ok	0.0	0.4	6.46e-03	11.8	11.8	11.8	11.8	-4.8	-15.6	10.1	-30.2	-47.3	7.7
6347	ok	0.0	0.4	6.31e-03	11.8	11.8	11.8	11.8	-6.9	-12.7	10.7	-28.7	-48.7	8.3
6348	ok	0.0	0.4	6.22e-03	11.8	11.8	11.8	11.8	-8.9	-9.8	10.4	-26.6	-49.4	8.2
6349	ok	0.0	0.4	5.95e-03	11.8	11.8	11.8	11.8	-10.7	-7.3	9.3	-24.1	-49.1	7.1
6350	ok	0.0	0.4	5.44e-03	11.8	11.8	11.8	11.8	-12.0	-5.4	7.6	-21.4	-47.5	5.1
6351	ok	0.0	0.4	5.58e-03	11.8	11.8	11.8	11.8	-10.1	21.6	12.8	-5.5	-37.8	-9.2
6352	ok	0.0	0.4	4.88e-03	11.8	11.8	11.8	11.8	-5.4	14.1	17.8	-14.4	-42.3	-3.9
6353	ok	0.0	0.4	5.08e-03	11.8	11.8	11.8	11.8	-5.9	15.7	15.7	-11.7	-39.4	-6.7
6354	ok	0.0	0.3	5.11e-03	11.8	11.8	11.8	11.8	-6.2	17.7	14.4	-8.4	-36.9	-8.5
6355	ok	0.0	0.4	5.23e-03	11.8	11.8	11.8	11.8	-9.5	20.2	12.0	-6.4	-39.6	-9.7
6356	ok	0.0	0.4	4.68e-03	11.8	11.8	11.8	11.8	-11.9	-5.6	3.5	-13.9	-45.9	-3.4
6357	ok	0.0	0.4	4.83e-03	11.8	11.8	11.8	11.8	-5.7	15.0	15.0	-10.5	-42.6	-7.7
6358	ok	0.0	0.4	4.92e-03	11.8	11.8	11.8	11.8	-5.8	17.0	13.6	-8.6	-41.1	-9.5
6359	ok	0.0	0.4	5.06e-03	11.8	11.8	11.8	11.8	-11.6	-5.7	5.2	-16.8	-49.5	0.6
6360	ok	0.0	0.4	6.93e-03	11.8	11.8	11.8	11.8	15.1	8.56e-02	-3.0	-50.6	-1.7	2.9
6361	ok	0.0	0.3	7.06e-03	11.8	11.8	11.8	11.8	18.4	8.3	9.8	-26.0	-8.2	-9.9
6362	ok	0.0	0.4	1.08e-02	11.8	11.8	11.8	11.8	50.0	-0.2	10.3	-40.0	-1.5	-12.2
6363	ok	0.0	0.4	5.93e-03	11.8	11.8	11.8	11.8	10.6	1.5	-10.1	-43.7	-4.7	4.7
6364	ok	0.0	0.3	4.65e-03	11.8	11.8	11.8	11.8	5.8	2.8	-13.8	-37.1	-5.6	6.1
6365	ok	0.0	0.3	4.69e-03	11.8	11.8	11.8	11.8	-1.2	7.2	3.0	-27.0	-8.8	-8.2
6366	ok	0.0	0.3	8.16e-03	11.8	11.8	11.8	11.8	-44.6	9.8	-33.2	7.8	20.2	10.1
6367	ok	0.0	0.3	6.33e-03	11.8	11.8	11.8	11.8	21.7	7.5	9.9	-32.7	-3.5	-13.6
6368	ok	0.0	0.3	4.62e-03	11.8	11.8	11.8	11.8	10.0	9.4	-1.6	-28.4	-9.6	-5.8
6369	ok	0.0	0.3	4.46e-03	11.8	11.8	11.8	11.8	17.8	1.7	-0.5	-27.4	-12.7	-3.3
6370	ok	0.0	0.5	2.72e-03	11.8	11.8	11.8	11.8	11.7	8.0	-2.8	-46.3	-17.0	24.0
6371	ok	0.0	0.2	5.22e-03	11.8	11.8	11.8	11.8	-3.3	-25.4	-7.3	-12.9	-5.7	20.9
6372	ok	0.0	0.5	3.74e-03	11.8	11.8	11.8	11.8	24.3	4.70e-02	-3.5	-53.3	-1.6	8.1
6373	ok	0.0	0.5	1.68e-03	11.8	11.8	11.8	11.8	20.0	-2.12e-02	-2.9	-50.7	-1.5	13.0
6374	ok	0.0	0.4	5.27e-04	11.8	11.8	11.8	11.8	2.2	-0.7	-0.3	-44.8	-3.3	15.0
6375	ok	0.0	0.3	1.84e-03	11.8	11.8	11.8	11.8	1.7	-3.0	-5.8	-27.7	6.9	25.6
6376	ok	0.0	0.3	2.69e-03	11.8	11.8	11.8	11.8	0.5	-4.4	-5.0	-19.2	-11.4	20.6
6377	ok	0.0	0.3	3.83e-03	11.8	11.8	11.8	11.8	-1.5	-10.9	-4.0	-18.3	-14.7	13.9
6378	ok	0.0	0.3	5.83e-03	11.8	11.8	11.8	11.8	-4.4	-13.2	-8.8	-27.4	-9.0	7.1
6379	ok	0.0	0.3	6.32e-03	11.8	11.8	11.8	11.8	-4.8	-4.8	-11.6	-31.4	-4.2	6.7
6380	ok	0.0	0.3	6.64e-03	11.8	11.8	11.8	11.8	11.8	8.3	8.5	-26.9	-9.6	-8.6
6381	ok	0.0	0.4	2.52e-03	11.8	11.8	11.8	11.8	13.4	0.4	-9.4	-37.2	-4.1	20.6
6382	ok	0.0	0.4	3.42e-03	11.8	11.8	11.8	11.8	10.8	0.2	-9.8	-45.2	-4.1	15.5
6383	ok	0.0	0.4	4.45e-03	11.8	11.8	11.8	11.8	15.5	0.9	-11.3	-47.2	-4.3	10.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6384	ok	0.0	0.3	3.83e-03	11.8	11.8	11.8	11.8	2.4	-2.2	-9.7	-32.4	-7.2	16.7
6385	ok	0.0	0.4	4.29e-03	11.8	11.8	11.8	11.8	3.3	-0.1	-11.8	-40.7	-6.3	13.6
6386	ok	0.0	0.4	4.53e-03	11.8	11.8	11.8	11.8	7.0	1.4	-14.2	-41.8	-5.6	10.2
6387	ok	0.0	0.3	4.69e-03	11.8	11.8	11.8	11.8	-0.9	-7.6	-8.5	-27.9	-10.5	12.4
6388	ok	0.0	0.3	5.28e-03	11.8	11.8	11.8	11.8	3.20e-02	-2.4	-12.3	-32.7	-6.5	10.1
6389	ok	0.0	0.3	5.33e-03	11.8	11.8	11.8	11.8	0.7	0.8	-14.0	-32.7	-4.0	8.5
6390	ok	0.0	1.0	8.68e-03	38.1	52.5	56.2	60.5	-13.5	-82.1	24.1	229.1	374.4	-209.8
6391	ok	0.0	0.2	4.56e-03	11.8	11.8	11.8	11.8	0.8	-25.0	2.7	0.4	-14.4	13.5
6392	ok	0.0	1.0	6.64e-03	27.7	15.6	19.1	11.8	78.2	21.6	-22.2	-166.5	-73.4	97.4
6393	ok	0.0	0.7	1.41e-02	11.8	11.8	11.8	11.8	-16.5	-72.6	25.1	-4.1	74.0	5.3
6394	ok	0.0	0.3	7.45e-03	11.8	11.8	11.8	11.8	-12.2	-44.1	4.1	1.3	12.6	15.8
6395	ok	0.0	0.3	5.73e-03	11.8	11.8	11.8	11.8	-1.3	-21.5	0.5	0.8	-21.4	4.9
6396	ok	0.0	0.2	4.51e-03	11.8	11.8	11.8	11.8	-1.4	-29.3	-4.4	-6.3	-10.5	20.2
6397	ok	0.0	0.4	2.86e-03	11.8	11.8	11.8	11.8	-6.3	-0.9	5.2	-20.9	-20.5	33.0
6398	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	-1.8	-12.4	1.1	-7.0	-15.4	23.7
6399	ok	0.0	0.2	3.69e-03	11.8	11.8	11.8	11.8	-0.8	-16.1	-4.91e-02	-7.3	-19.9	15.7
6583	ok	0.0	0.9	3.52e-02	11.8	12.5	11.8	11.8	-199.2	-99.1	23.8	123.1	29.1	10.5
6584	ok	0.0	0.6	1.86e-02	11.8	11.8	11.8	11.8	-69.9	-21.8	14.2	64.7	13.6	14.5
6585	ok	0.0	0.4	2.10e-02	11.8	11.8	11.8	11.8	-83.3	-12.3	30.0	28.7	5.9	8.1
6586	ok	0.0	0.4	1.18e-02	11.8	11.8	11.8	11.8	104.0	6.6	-25.8	-39.8	-1.7	-5.1
6587	ok	0.0	0.4	8.54e-03	11.8	11.8	11.8	11.8	81.3	3.8	-19.1	-40.5	-2.1	-8.5
6588	ok	0.0	0.4	6.64e-03	11.8	11.8	11.8	11.8	64.0	2.4	-14.6	-35.5	-2.4	-12.3
6589	ok	0.0	0.3	5.58e-03	11.8	11.8	11.8	11.8	57.3	1.7	-12.3	-23.7	-2.4	-16.3
6595	ok	0.0	0.4	9.38e-03	11.8	11.8	11.8	11.8	34.7	-0.9	13.5	-31.1	-2.2	-18.8
6597	ok	0.0	0.3	4.91e-03	11.8	11.8	11.8	11.8	27.1	1.8	-5.0	-4.9	-0.2	-29.0
6598	ok	0.0	0.7	5.35e-03	11.8	11.8	11.8	11.8	2.5	-0.8	-9.9	29.9	7.8	-48.8
6599	ok	0.0	0.9	5.23e-03	11.8	16.4	11.8	11.8	13.0	-0.2	-2.5	123.2	-11.9	-36.9
6606	ok	0.0	1.0	4.96e-03	11.8	18.5	11.8	11.8	29.7	6.0	-7.7	176.0	-3.9	-7.3
6610	ok	0.0	0.5	2.59e-03	11.8	11.8	11.8	11.8	-7.0	-3.4	-3.5	-44.6	-48.4	9.1
6614	ok	0.0	0.5	2.80e-03	11.8	11.8	11.8	11.8	-6.9	-3.3	-2.5	-42.5	-55.4	16.1
6615	ok	0.0	0.5	3.04e-03	11.8	11.8	11.8	11.8	-7.8	-2.7	-2.6	-39.3	-53.8	18.9
6616	ok	0.0	0.4	6.75e-03	11.8	11.8	11.8	11.8	13.6	0.6	-6.2	-48.1	-2.8	4.0
6617	ok	0.0	0.4	9.15e-03	11.8	11.8	11.8	11.8	38.5	6.4	12.9	-37.3	-2.4	-13.8
6618	ok	0.0	0.5	1.47e-03	11.8	11.8	11.8	11.8	7.7	-4.2	0.6	-53.1	-8.2	26.8
6619	ok	0.0	0.4	1.40e-03	11.8	11.8	11.8	11.8	0.5	-3.0	-4.5	-41.6	-5.4	16.6
6620	ok	0.0	0.5	2.47e-03	11.8	11.8	11.8	11.8	16.6	0.2	-6.6	-48.7	-2.2	15.7
6621	ok	0.0	0.5	4.10e-03	11.8	11.8	11.8	11.8	9.6	0.2	-6.2	-51.0	-2.5	10.2
6622	ok	0.0	0.9	1.20e-02	17.7	11.8	32.3	25.9	102.4	-19.7	88.9	31.8	235.8	-23.7
6623	ok	0.0	0.5	1.30e-02	11.8	11.8	11.8	11.8	12.9	7.2	-10.9	-34.4	-15.0	33.4
6658	ok	0.0	0.3	6.84e-03	11.8	11.8	11.8	11.8	-18.1	-11.3	-18.2	-11.1	37.5	-3.1
6659	ok	0.0	0.3	8.32e-03	11.8	11.8	11.8	11.8	-16.6	-3.1	-28.0	-8.8	20.7	16.3
6660	ok	0.0	0.3	8.23e-03	11.8	11.8	11.8	11.8	-15.6	-5.7	-25.4	-8.2	29.8	13.7
6661	ok	0.0	0.3	7.27e-03	11.8	11.8	11.8	11.8	-18.3	-9.4	-24.0	-8.2	37.3	6.4
6662	ok	0.0	0.5	6.50e-03	11.8	11.8	11.8	11.8	-13.5	-14.2	-19.6	-1.8	59.7	-7.6
6663	ok	0.0	0.3	9.71e-03	11.8	11.8	11.8	11.8	-32.4	1.8	-37.9	9.0	31.2	19.0
6664	ok	0.0	0.4	8.69e-03	11.8	11.8	11.8	11.8	-18.9	-5.6	-35.2	10.6	48.3	21.0
6665	ok	0.0	0.5	7.21e-03	11.8	11.8	11.8	11.8	-13.6	-10.7	-27.4	2.2	60.6	9.0
6666	ok	0.0	0.4	1.07e-02	11.8	11.8	11.8	11.8	-44.7	-59.6	-27.8	-58.6	2.1	-9.1
6667	ok	0.0	0.2	6.94e-03	11.8	11.8	11.8	11.8	-4.2	-22.2	-7.8	-13.2	-13.4	15.1
6668	ok	0.0	0.2	9.18e-03	11.8	11.8	11.8	11.8	-16.5	-15.8	-10.6	-17.8	6.0	-16.6
6669	ok	0.0	0.4	1.01e-02	11.8	11.8	11.8	11.8	-29.0	-40.4	-36.3	-49.2	-5.3	-12.7
6670	ok	0.0	0.3	8.77e-03	11.8	11.8	11.8	11.8	-32.3	-25.3	-17.8	-31.3	17.0	-6.1
6671	ok	0.0	0.3	7.98e-03	11.8	11.8	11.8	11.8	-21.7	0.2	5.5	-32.9	12.2	-5.3
6672	ok	0.0	0.2	7.37e-03	11.8	11.8	11.8	11.8	-14.1	2.8	5.1	-28.4	15.0	-5.5
6673	ok	0.0	0.2	7.12e-03	11.8	11.8	11.8	11.8	-3.2	4.5	4.1	-19.7	-8.9	-10.7
6674	ok	0.0	0.3	7.34e-03	11.8	11.8	11.8	11.8	-13.4	-15.0	-23.9	-20.8	7.4	13.4
6675	ok	0.0	0.3	7.64e-03	11.8	11.8	11.8	11.8	-14.5	-8.1	-25.8	-17.6	14.0	14.9
6676	ok	0.0	0.3	8.35e-03	11.8	11.8	11.8	11.8	-18.6	-28.5	-25.9	-32.5	7.5	2.8
6677	ok	0.0	0.2	8.04e-03	11.8	11.8	11.8	11.8	-21.7	-17.7	-29.2	-27.0	10.4	4.4
6678	ok	0.0	0.3	8.00e-03	11.8	11.8	11.8	11.8	-16.1	-8.9	-23.0	-17.1	19.8	11.0
6679	ok	0.0	0.3	8.91e-03	11.8	11.8	11.8	11.8	-27.6	-23.2	-20.9	-38.3	6.8	-4.6
6680	ok	0.0	0.2	8.24e-03	11.8	11.8	11.8	11.8	-20.2	-0.4	-2.5	-32.5	9.8	-3.5
6681	ok	0.0	0.3	7.73e-03	11.8	11.8	11.8	11.8	-19.0	-10.3	-19.0	-18.2	25.3	3.7
6682	ok	0.0	0.9	2.05e-02	27.7	30.1	27.7	35.9	-54.1	-50.0	-64.0	159.4	207.8	108.7
6683	ok	0.0	0.2	4.82e-03	11.8	11.8	11.8	11.8	5.6	-21.5	1.8	-0.2	-17.6	11.6
6684	ok	0.0	0.2	5.49e-03	11.8	11.8	11.8	11.8	46.3	-23.4	12.7	-5.1	-15.5	4.2
6685	ok	0.0	1.0	2.16e-02	11.8	11.8	17.5	17.1	-14.1	-58.4	60.1	-30.9	-176.4	-6.8
6686	ok	0.0	0.9	1.28e-02	25.7	20.0	11.8	11.8	-39.5	-60.6	-26.5	-207.9	-24.9	-38.5
6687	ok	0.0	0.2	5.86e-03	11.8	11.8	11.8	11.8	1.4	-23.6	-2.2	-6.2	-16.2	15.7
6688	ok	0.0	0.2	1.10e-02	11.8	11.8	11.8	11.8	-26.5	-64.7	-17.7	-13.2	-36.5	-4.9
6689	ok	0.0	0.4	1.31e-02	11.8	11.8	11.8	11.8	-45.8	-51.8	-29.1	-40.3	-15.2	-22.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6690	ok	0.0	0.9	1.96e-02	11.8	11.8	24.3	24.5	-9.8	25.9	-40.0	-16.8	7.3	-46.4
6730	ok	0.0	0.5	2.53e-03	11.8	11.8	11.8	11.8	-9.9	-8.2	-2.4	-47.8	-60.6	5.3
6733	ok	0.0	0.5	2.61e-03	11.8	11.8	11.8	11.8	-10.5	-11.6	-3.1	-55.0	-60.7	-1.0
6734	ok	0.0	0.5	2.39e-03	11.8	11.8	11.8	11.8	-9.6	-7.9	-2.6	-54.0	-58.2	3.1
6737	ok	0.0	0.5	2.54e-03	11.8	11.8	11.8	11.8	-8.7	-10.3	-3.1	-58.5	-58.7	-3.3
6738	ok	0.0	0.5	2.23e-03	11.8	11.8	11.8	11.8	-10.2	-8.5	-3.4	-58.6	-54.7	-0.5
6741	ok	0.0	0.5	5.46e-03	11.8	11.8	11.8	11.8	-5.1	-23.8	-0.1	-49.0	-63.3	-3.3
6742	ok	0.0	0.5	4.14e-03	11.8	11.8	11.8	11.8	-10.9	-15.9	0.2	-53.9	-52.1	-12.3
6745	ok	0.0	0.5	4.38e-03	11.8	11.8	11.8	11.8	-9.6	-17.4	0.7	-55.1	-56.2	-7.9
6746	ok	0.0	0.5	4.67e-03	11.8	11.8	11.8	11.8	-8.1	-19.3	0.8	-54.7	-59.7	-4.9
6749	ok	0.0	0.5	5.03e-03	11.8	11.8	11.8	11.8	-6.5	-21.4	0.5	-52.7	-62.1	-3.4
6750	ok	0.0	0.5	4.29e-03	11.8	11.8	11.8	11.8	-6.2	-18.9	-2.6	-53.6	-62.3	-6.9
6753	ok	0.0	0.5	3.64e-03	11.8	11.8	11.8	11.8	-10.4	-13.9	-1.2	-50.4	-57.6	-10.1
6754	ok	0.0	0.5	3.76e-03	11.8	11.8	11.8	11.8	-9.5	-15.0	-1.1	-53.7	-60.4	-7.2
6757	ok	0.0	0.5	3.91e-03	11.8	11.8	11.8	11.8	-8.4	-16.2	-1.3	-55.3	-62.1	-5.6
6758	ok	0.0	0.5	4.09e-03	11.8	11.8	11.8	11.8	-7.3	-17.5	-1.8	-55.3	-62.8	-5.5
6759	ok	0.0	0.5	6.17e-03	11.8	11.8	11.8	11.8	-4.5	-26.6	2.5	-45.4	-62.8	0.8
6760	ok	0.0	0.5	4.43e-03	11.8	11.8	11.8	11.8	-11.7	-17.2	1.6	-55.5	-46.2	-12.4
6767	ok	0.0	0.5	4.74e-03	11.8	11.8	11.8	11.8	-10.0	-19.0	2.4	-55.2	-51.4	-7.0
6768	ok	0.0	0.5	5.12e-03	11.8	11.8	11.8	11.8	-8.2	-21.2	2.8	-53.5	-56.2	-2.9
6769	ok	0.0	0.5	5.59e-03	11.8	11.8	11.8	11.8	-6.3	-23.7	2.8	-50.2	-60.1	-0.3
6770	ok	0.0	0.5	6.64e-03	11.8	11.8	11.8	11.8	-4.4	-27.9	4.5	-42.9	-61.8	4.1
6773	ok	0.0	0.5	4.63e-03	11.8	11.8	11.8	11.8	-12.3	-17.9	2.7	-55.6	-41.6	-12.0
6774	ok	0.0	0.4	3.59e-03	11.8	11.8	11.8	11.8	-4.9	-3.9	-0.9	2.6	-43.6	14.6
6777	ok	0.0	0.3	3.82e-03	11.8	11.8	11.8	11.8	-4.5	-3.0	-1.4	-7.5	-39.6	6.1
6778	ok	0.0	0.3	3.99e-03	11.8	11.8	11.8	11.8	-5.2	-2.5	-2.0	-17.1	-36.2	-0.3
6781	ok	0.0	0.3	3.90e-03	11.8	11.8	11.8	11.8	-3.6	-4.7	-0.5	18.7	-30.5	10.7
6782	ok	0.0	0.2	4.15e-03	11.8	11.8	11.8	11.8	-3.8	-3.5	-1.3	6.8	-27.9	1.6
6785	ok	0.0	0.2	4.68e-03	11.8	11.8	11.8	11.8	-4.3	-2.6	-1.7	-8.5	-27.2	-4.4
6786	ok	0.0	0.4	4.63e-03	11.8	11.8	11.8	11.8	0.9	-5.4	-9.60e-02	46.0	-7.6	7.6
6789	ok	0.0	0.2	5.07e-03	11.8	11.8	11.8	11.8	-2.8	-4.3	-1.2	22.9	-8.6	-1.6
6790	ok	0.0	0.1	5.15e-03	11.8	11.8	11.8	11.8	-3.0	-2.5	-1.6	3.3	-13.9	-7.0
6793	ok	0.0	0.6	5.27e-03	11.8	11.8	11.8	11.8	-5.0	-6.3	-2.1	71.4	59.3	2.9
6794	ok	0.0	0.3	5.38e-03	11.8	11.8	11.8	11.8	-2.4	-10.0	-2.6	31.9	16.2	5.7
6797	ok	0.0	0.1	5.41e-03	11.8	11.8	11.8	11.8	-20.3	-8.0	-10.5	12.0	-5.2	-3.1
6798	ok	0.0	0.3	4.63e-03	11.8	11.8	11.8	11.8	-4.9	-1.0	-1.8	-33.4	-30.8	-7.1
6801	ok	0.0	0.3	5.14e-03	11.8	11.8	11.8	11.8	-4.1	-1.0	-1.7	-31.0	-24.7	-14.7
6802	ok	0.0	0.6	4.01e-03	11.8	11.8	11.8	11.8	-9.9	0.6	5.1	28.9	57.5	28.5
6805	ok	0.0	0.5	3.09e-03	11.8	11.8	11.8	11.8	-6.7	-4.3	0.8	-1.8	-46.0	36.9
6806	ok	0.0	0.3	5.45e-03	11.8	11.8	11.8	11.8	-2.2	-0.5	-1.0	-22.0	-19.4	-17.3
6810	ok	0.0	0.6	2.27e-03	11.8	11.8	11.8	11.8	-6.8	-8.9	-4.8	-60.6	-46.9	-16.5
6814	ok	0.0	0.4	2.41e-03	11.8	11.8	11.8	11.8	4.7	1.6	2.7	-34.5	-12.6	-20.6
6817	ok	0.0	0.5	4.65e-03	11.8	11.8	11.8	11.8	-18.1	-17.7	3.7	-51.8	-13.8	-17.6
6818	ok	0.0	0.3	2.88e-03	11.8	11.8	11.8	11.8	6.3	2.1	3.7	-26.0	-15.0	-19.5
6821	ok	0.0	0.4	4.91e-03	11.8	11.8	11.8	11.8	-5.0	-0.8	-1.8	-40.5	-26.2	-11.3
6822	ok	0.0	0.5	4.39e-03	11.8	11.8	11.8	11.8	-18.2	-17.1	1.0	-51.5	-11.3	-27.5
6826	ok	0.0	1.0	0.1	11.8	13.0	22.0	22.1	21.3	165.8	116.4	50.9	8.0	-4.3
6829	ok	0.0	1.0	6.09e-02	13.7	12.2	13.8	16.6	-8.4	-86.8	-30.2	1.4	-52.2	1.0
6830	ok	0.0	0.9	0.3	11.8	11.8	20.2	23.0	-51.2	-1150.9	-201.7	-60.8	25.9	-40.4
6834	ok	0.0	0.2	7.29e-03	11.8	11.8	11.8	11.8	-22.9	-16.5	-8.8	-3.1	21.3	-10.0
6835	ok	0.0	0.3	6.87e-03	11.8	11.8	11.8	11.8	-7.3	-14.7	-11.1	14.4	24.3	-15.6
6836	ok	0.0	0.3	7.03e-03	11.8	11.8	11.8	11.8	-21.4	-14.4	-10.4	-5.1	28.8	-10.5
6837	ok	0.0	0.3	6.81e-03	11.8	11.8	11.8	11.8	-19.3	-11.9	-13.3	-7.7	35.2	-6.8
6838	ok	0.0	0.5	6.48e-03	11.8	11.8	11.8	11.8	-18.2	-14.9	-17.0	7.4	54.0	-14.2
6839	ok	0.0	0.4	6.89e-03	11.8	11.8	11.8	11.8	-8.2	-17.7	-13.3	13.0	39.0	-18.4
6840	ok	0.0	0.3	1.03e-02	11.8	11.8	11.8	11.8	2.9	-13.4	16.1	-31.0	13.8	-5.3
6841	ok	0.0	0.3	7.51e-03	11.8	11.8	11.8	11.8	-23.3	-17.1	-6.9	-14.2	20.3	-7.5
6842	ok	0.0	0.3	8.04e-03	11.8	11.8	11.8	11.8	-24.1	-20.9	-5.6	-20.9	19.9	-5.0
6843	ok	0.0	0.3	8.97e-03	11.8	11.8	11.8	11.8	-46.5	-38.3	-23.6	-30.1	14.6	-5.1
6844	ok	0.0	0.3	9.55e-03	11.8	11.8	11.8	11.8	-43.4	-55.1	-18.8	-32.7	19.9	-5.4
6845	ok	0.0	0.4	9.71e-03	11.8	11.8	11.8	11.8	-31.4	-42.2	-11.4	-41.9	25.0	-1.0
6846	ok	0.0	0.3	8.29e-03	11.8	11.8	11.8	11.8	-29.4	-24.8	-7.4	-33.7	23.4	-6.3
6847	ok	0.0	0.3	8.55e-03	11.8	11.8	11.8	11.8	-42.8	-34.1	-22.6	-37.2	15.7	-6.0
6848	ok	0.0	0.3	7.77e-03	11.8	11.8	11.8	11.8	-25.7	-16.7	-8.9	-25.0	22.1	-5.7
6849	ok	0.0	0.3	7.79e-03	11.8	11.8	11.8	11.8	-25.2	-19.1	-6.3	-24.5	21.2	-5.5
6850	ok	0.0	0.2	7.24e-03	11.8	11.8	11.8	11.8	-22.4	-13.5	-10.6	-17.9	25.7	-6.8
6851	ok	0.0	0.2	7.39e-03	11.8	11.8	11.8	11.8	-23.2	-15.1	-8.4	-16.1	24.1	-7.5
6852	ok	0.0	0.3	1.53e-02	11.8	11.8	11.8	11.8	3.7	-3.5	6.3	-23.6	21.9	-12.3
6853	ok	0.0	0.3	1.25e-02	11.8	11.8	11.8	11.8	7.4	-12.2	12.0	-25.5	16.5	-7.6
6854	ok	0.0	0.4	1.50e-02	11.8	11.8	11.8	11.8	15.3	37.0	14.5	-21.2	-9.7	-21.9
6855	ok	0.0	0.5	2.93e-03	11.8	11.8	11.8	11.8	-7.9	-2.8	-2.9	-43.3	-52.4	19.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6856	ok	0.0	0.5	1.31e-02	11.8	11.8	11.8	11.8	-8.1	-31.0	-0.5	-8.5	52.6	15.5
6857	ok	0.0	0.4	1.22e-02	11.8	11.8	11.8	11.8	-40.3	-59.0	3.1	-6.1	44.3	7.0
6858	ok	0.0	0.3	2.08e-02	11.8	11.8	11.8	11.8	32.3	63.6	42.7	-8.5	21.7	-0.4
6859	ok	0.0	0.3	1.96e-02	11.8	11.8	11.8	11.8	3.4	25.3	-7.2	8.5	26.2	11.0
6860	ok	0.0	0.5	2.82e-03	11.8	11.8	11.8	11.8	-7.9	-2.9	-3.1	-45.8	-49.8	17.2
6863	ok	0.0	0.4	5.69e-03	11.8	11.8	11.8	11.8	-2.3	-0.4	-1.0	-44.5	-13.1	-20.2
6864	ok	0.0	0.7	6.83e-03	11.8	11.8	11.8	11.8	15.8	5.6	9.4	-61.3	-21.1	-36.5
6866	ok	0.0	0.5	4.02e-03	11.8	11.8	11.8	11.8	2.5	1.7	0.7	46.3	14.4	25.9
6867	ok	0.0	0.5	4.97e-03	11.8	11.8	11.8	11.8	-10.5	-19.8	3.7	-54.7	-47.4	-5.7
6869	ok	0.0	0.4	5.39e-03	11.8	11.8	11.8	11.8	-8.4	-22.2	4.3	-52.2	-53.2	-0.9
6870	ok	0.0	0.5	2.64e-03	11.8	11.8	11.8	11.8	-10.1	-8.3	-2.3	-40.0	-61.7	6.0
6871	ok	0.0	0.5	2.65e-03	11.8	11.8	11.8	11.8	-9.8	-10.1	-2.4	-49.9	-62.0	0.2
6873	ok	0.0	0.5	5.94e-03	11.8	11.8	11.8	11.8	-6.2	-24.9	4.5	-48.3	-58.2	2.4
6874	ok	0.0	0.5	7.96e-03	11.8	11.8	11.8	11.8	-5.1	-29.4	10.2	-34.6	-58.1	16.7
6875	ok	0.0	0.4	4.97e-03	11.8	11.8	11.8	11.8	-16.1	-19.2	6.6	-50.5	-20.2	-7.2
6878	ok	0.0	0.4	5.38e-03	11.8	11.8	11.8	11.8	-12.9	-21.4	8.6	-47.8	-29.5	1.7
6879	ok	0.0	0.4	5.85e-03	11.8	11.8	11.8	11.8	-9.6	-23.8	9.6	-44.1	-39.4	8.4
6880	ok	0.0	0.4	6.52e-03	11.8	11.8	11.8	11.8	-6.9	-26.7	10.1	-40.1	-48.8	13.7
6881	ok	0.0	0.5	7.25e-03	11.8	11.8	11.8	11.8	-4.5	-29.3	8.0	-38.5	-59.5	10.3
6882	ok	0.0	0.5	4.87e-03	11.8	11.8	11.8	11.8	-13.9	-18.7	4.6	-54.4	-32.1	-10.1
6885	ok	0.0	0.4	5.24e-03	11.8	11.8	11.8	11.8	-11.5	-20.8	6.1	-52.3	-39.4	-2.5
6887	ok	0.0	0.4	5.72e-03	11.8	11.8	11.8	11.8	-8.9	-23.3	7.0	-48.8	-47.0	3.4
6888	ok	0.0	0.4	6.32e-03	11.8	11.8	11.8	11.8	-6.5	-26.0	7.5	-44.2	-53.8	7.5
6889	ok	0.0	0.9	4.74e-03	11.8	14.4	11.8	11.8	-12.7	-3.8	-1.9	101.6	39.1	47.4
6890	ok	0.0	0.5	1.08e-02	11.8	11.8	11.8	11.8	-71.1	-26.2	22.3	30.6	57.5	-17.9
6891	ok	0.0	0.6	2.67e-03	11.8	11.8	11.8	11.8	-6.8	-4.9	-3.6	-64.5	-41.8	-15.8
6892	ok	0.0	0.6	1.32e-02	11.8	11.8	11.8	11.8	-9.9	-37.3	19.4	-8.4	-71.2	25.2
6893	ok	0.0	0.3	0.1	11.8	11.8	11.8	11.8	-0.9	-759.5	9.2	-0.7	-51.8	2.9
6894	ok	0.0	0.7	4.22e-03	11.8	11.8	11.8	11.8	-4.1	-1.0	-1.7	-67.5	-30.5	-26.2
6895	ok	0.0	0.6	3.12e-03	11.8	11.8	11.8	11.8	-5.7	-3.1	-3.0	-65.5	-37.2	-21.7
6896	ok	0.0	0.6	8.31e-03	11.8	11.8	11.8	11.8	-7.8	-31.4	14.5	-32.1	-59.9	28.0
6897	ok	0.0	0.4	8.34e-03	11.8	11.8	11.8	11.8	6.9	-13.9	9.2	-36.1	21.0	-1.9
6898	ok	0.0	0.3	6.17e-03	11.8	11.8	11.8	11.8	-30.6	2.4	9.7	-25.8	16.0	-6.8
6899	ok	0.0	0.3	5.12e-03	11.8	11.8	11.8	11.8	-18.7	-19.3	8.3	-44.1	-7.7	-4.3
6900	ok	0.0	0.3	6.78e-03	11.8	11.8	11.8	11.8	7.9	-15.4	5.8	-21.8	-15.5	13.1
6901	ok	0.0	0.3	5.26e-03	11.8	11.8	11.8	11.8	7.2	-34.6	2.3	-27.6	-19.4	9.3
6902	ok	0.0	0.3	5.32e-03	11.8	11.8	11.8	11.8	-14.2	-21.9	10.9	-41.7	-19.5	5.6
6903	ok	0.0	0.3	5.46e-03	11.8	11.8	11.8	11.8	-10.0	-25.7	15.5	-26.8	-16.0	22.3
6904	ok	0.0	0.4	6.22e-03	11.8	11.8	11.8	11.8	-10.7	-27.2	14.6	-32.5	-25.5	19.0
6905	ok	0.0	0.4	5.84e-03	11.8	11.8	11.8	11.8	-10.4	-24.1	11.6	-39.3	-32.0	13.1
6906	ok	0.0	0.7	1.13e-02	11.8	11.8	11.8	11.8	-9.2	-32.2	17.2	-15.9	-70.9	31.4
6907	ok	0.0	0.5	6.91e-03	11.8	11.8	11.8	11.8	-8.7	-27.6	15.4	-34.0	-40.6	28.5
6908	ok	0.0	0.4	7.02e-03	11.8	11.8	11.8	11.8	-6.8	-26.9	11.8	-35.4	-44.4	18.5
6911	ok	0.0	0.7	7.12e-03	11.8	11.8	11.8	11.8	-3.0	-6.1	9.8	54.3	89.1	-0.9
6912	ok	0.0	0.2	4.18e-03	11.8	11.8	11.8	11.8	1.0	0.4	0.6	-17.9	-10.4	-13.5
6913	ok	0.0	0.2	5.83e-03	11.8	11.8	11.8	11.8	-0.9	-6.6	-3.3	26.7	-3.5	-7.7
6914	ok	0.0	0.2	5.28e-03	11.8	11.8	11.8	11.8	-0.7	-6.4	-2.4	17.4	-20.1	-12.6
6916	ok	0.0	0.3	3.96e-03	11.8	11.8	11.8	11.8	-1.3	-0.4	-0.7	23.7	8.0	13.2
6917	ok	0.0	0.3	4.27e-03	11.8	11.8	11.8	11.8	-0.7	-5.9	-2.1	2.8	-37.0	-8.8
6919	ok	0.0	0.8	5.57e-03	11.8	11.8	11.8	11.8	13.4	4.8	7.9	-69.9	-22.9	-40.4
6920	ok	0.0	0.6	2.05e-02	11.8	11.8	11.8	11.8	1.9	46.7	-10.4	-5.1	-56.9	17.5
6921	ok	0.0	0.5	3.23e-03	11.8	11.8	11.8	11.8	-7.0	-4.8	2.1	9.9	-32.7	39.2
6922	ok	0.0	0.4	3.70e-03	11.8	11.8	11.8	11.8	-9.0	-5.7	4.5	21.3	-12.0	44.9
6923	ok	0.0	0.6	3.87e-03	11.8	11.8	11.8	11.8	-11.4	-7.0	7.8	27.2	36.4	44.0
6924	ok	0.0	1.0	4.61e-03	11.8	13.5	11.8	16.0	-11.6	-18.9	13.3	81.5	105.6	30.3
6925	ok	0.0	0.5	3.16e-03	11.8	11.8	11.8	11.8	-6.2	-4.5	0.4	4.1	-46.4	31.9
6926	ok	0.0	0.4	3.34e-03	11.8	11.8	11.8	11.8	-6.2	-5.4	1.7	19.2	-33.3	32.2
6927	ok	0.0	0.5	3.97e-03	11.8	11.8	11.8	11.8	-5.7	-5.9	3.2	43.0	-11.5	40.3
6928	ok	0.0	1.0	3.50e-03	11.8	13.3	11.8	11.8	-9.6	-9.8	12.9	104.1	77.5	32.9
6929	ok	0.0	0.4	3.77e-03	11.8	11.8	11.8	11.8	-10.3	-1.1	3.4	-1.1	34.5	23.0
6930	ok	0.0	0.6	3.03e-03	11.8	11.8	11.8	11.8	-7.6	-4.1	0.9	-6.0	-46.6	40.0
6931	ok	0.0	0.5	3.22e-03	11.8	11.8	11.8	11.8	-7.9	-4.1	2.2	-1.0	-33.9	41.5
6932	ok	0.0	0.4	3.32e-03	11.8	11.8	11.8	11.8	-8.8	-3.3	3.3	3.0	-12.3	42.2
6933	ok	0.0	0.4	3.32e-03	11.8	11.8	11.8	11.8	-9.8	-1.7	3.7	3.6	16.5	37.2
6934	ok	0.0	0.2	3.40e-03	11.8	11.8	11.8	11.8	-9.2	0.5	2.4	-19.1	17.0	20.6
6935	ok	0.0	0.6	2.95e-03	11.8	11.8	11.8	11.8	-8.2	-3.8	0.8	-11.9	-47.2	40.8
6936	ok	0.0	0.5	3.11e-03	11.8	11.8	11.8	11.8	-8.6	-3.3	1.7	-10.8	-35.0	40.9
6937	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	-9.3	-2.4	2.6	-11.4	-17.2	39.4
6938	ok	0.0	0.3	3.21e-03	11.8	11.8	11.8	11.8	-9.8	-1.1	2.8	-14.8	4.2	32.8
6939	ok	0.0	1.0	4.97e-03	11.8	35.2	11.8	34.5	-13.5	-14.9	21.8	293.4	286.2	-50.9
6940	ok	0.0	0.5	3.37e-03	11.8	11.8	11.8	11.8	-5.6	-4.4	-0.2	5.8	-45.7	24.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6941	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	-5.0	-5.4	0.7	23.2	-32.2	23.5
6942	ok	0.0	0.3	3.27e-03	11.8	11.8	11.8	11.8	-8.8	0.6	1.3	-36.4	-5.17e-02	16.4
6943	ok	0.0	0.6	2.86e-03	11.8	11.8	11.8	11.8	-9.0	-3.6	0.4	-19.1	-48.8	39.1
6944	ok	0.0	0.6	2.89e-03	11.8	11.8	11.8	11.8	-9.3	-2.9	1.0	-22.0	-38.6	37.7
6945	ok	0.0	0.5	4.61e-03	11.8	11.8	11.8	11.8	-10.0	-7.6	2.2	56.8	-12.5	24.3
6946	ok	0.0	0.9	4.32e-03	11.8	13.7	11.8	11.8	-14.8	-11.1	9.1	111.1	41.1	20.2
6947	ok	0.0	0.9	6.10e-03	11.8	11.8	11.8	11.8	-4.8	-17.1	-5.7	67.1	73.0	34.8
6948	ok	0.0	0.4	5.34e-03	11.8	11.8	11.8	11.8	-3.4	-0.5	-1.4	-36.5	-22.1	-16.8
6949	ok	0.0	0.4	5.75e-03	11.8	11.8	11.8	11.8	-1.5	-0.2	-0.6	-31.3	-17.9	-22.0
6950	ok	0.0	0.4	4.20e-03	11.8	11.8	11.8	11.8	-9.6	0.3	2.1	22.2	41.3	14.7
6952	ok	0.0	0.3	4.17e-03	11.8	11.8	11.8	11.8	-5.0	-1.6	-1.9	-26.0	-33.1	-4.8
6953	ok	0.0	0.3	5.10e-03	11.8	11.8	11.8	11.8	-4.4	-1.5	-1.8	-21.2	-25.0	-10.1
6954	ok	0.0	0.2	5.29e-03	11.8	11.8	11.8	11.8	-2.8	-1.2	-1.4	-13.4	-17.6	-12.5
6955	ok	0.0	0.2	5.64e-03	11.8	11.8	11.8	11.8	-1.0	-0.4	-0.6	-2.7	-12.5	-11.2
6956	ok	0.0	1.0	2.31e-02	11.8	12.9	17.2	24.5	-40.7	-171.7	21.3	39.4	177.8	-86.7
6957	ok	0.0	0.8	7.12e-03	11.8	11.8	11.8	11.8	-40.7	-36.6	-15.0	93.3	87.0	-15.2
6960	ok	0.0	1.0	2.18e-02	11.8	11.8	11.8	13.2	76.5	102.0	-176.6	-0.9	-46.9	12.4
6961	ok	0.0	1.0	7.80e-03	20.7	14.8	11.8	14.0	9.0	-26.5	-11.8	-153.6	51.2	21.9
6962	ok	0.0	0.6	4.28e-03	11.8	11.8	11.8	11.8	-15.9	-16.2	0.5	-54.4	-22.4	-26.9
6963	ok	0.0	0.4	0.1	11.8	11.8	11.8	11.8	-3.8	-620.4	72.0	4.0	-58.1	-6.7
6964	ok	0.0	0.5	2.70e-03	11.8	11.8	11.8	11.8	-7.7	-3.1	-3.4	-46.8	-46.5	13.6
6965	ok	0.0	0.8	0.1	11.8	11.8	11.8	11.8	-27.1	-731.4	-6.2	5.8	-51.4	-13.3
6966	ok	0.0	0.3	6.65e-03	11.8	11.8	11.8	11.8	-10.3	13.2	-8.0	-22.2	-36.1	4.3
6967	ok	0.0	0.4	7.36e-03	11.8	11.8	11.8	11.8	1.9	-4.8	2.3	36.7	-15.3	-17.7
6968	ok	0.0	0.3	7.71e-03	11.8	11.8	11.8	11.8	13.7	12.8	17.3	-22.4	-31.8	-1.1
6969	ok	0.0	0.6	8.62e-03	11.8	11.8	11.8	11.8	-31.8	-31.0	-11.1	47.4	40.8	-11.3
6970	ok	0.0	0.4	7.23e-03	11.8	11.8	11.8	11.8	0.8	-5.9	-0.2	40.1	-19.1	-11.4
6971	ok	0.0	0.4	7.40e-03	11.8	11.8	11.8	11.8	1.1	-8.4	-1.0	33.8	-15.6	-0.2
6972	ok	0.0	0.3	7.17e-03	11.8	11.8	11.8	11.8	-12.4	10.8	6.1	2.5	-27.3	3.3
6973	ok	0.0	0.3	6.78e-03	11.8	11.8	11.8	11.8	-10.7	4.1	4.5	-9.9	-29.0	4.4
6974	ok	0.0	0.3	6.86e-03	11.8	11.8	11.8	11.8	-10.1	5.6	5.8	-19.9	-33.9	3.4
6975	ok	0.0	1.0	8.77e-03	11.8	11.8	17.0	12.7	-31.0	-26.5	-15.6	62.5	86.1	-13.3
6976	ok	0.0	0.5	6.92e-03	11.8	11.8	11.8	11.8	-1.1	-6.4	-2.5	57.3	58.0	-6.8
6977	ok	0.0	0.2	8.67e-03	11.8	11.8	11.8	11.8	13.5	-25.6	-4.9	9.7	19.0	-6.0
6978	ok	0.0	0.2	7.96e-03	11.8	11.8	11.8	11.8	-12.9	3.4	3.7	-9.7	-19.9	1.2
6979	ok	0.0	0.2	8.04e-03	11.8	11.8	11.8	11.8	-1.7	13.3	16.8	-20.3	-26.3	-1.5
6980	ok	0.0	0.4	6.98e-03	11.8	11.8	11.8	11.8	-3.0	-19.2	9.7	-28.7	-41.2	5.3
6981	ok	0.0	0.4	6.95e-03	11.8	11.8	11.8	11.8	-1.3	-20.9	7.1	-27.6	-38.1	3.7
6982	ok	0.0	0.3	8.06e-03	11.8	11.8	11.8	11.8	-2.5	10.7	5.9	-26.0	-39.4	2.0
6983	ok	0.0	0.3	8.03e-03	11.8	11.8	11.8	11.8	-0.8	13.8	3.6	-24.9	-35.9	0.6
6984	ok	0.0	0.3	6.05e-03	11.8	11.8	11.8	11.8	-0.6	-19.3	3.9	-26.5	-39.2	3.9
6985	ok	0.0	0.4	6.35e-03	11.8	11.8	11.8	11.8	-1.4	-19.3	6.4	-29.5	-42.4	5.1
6986	ok	0.0	0.4	6.37e-03	11.8	11.8	11.8	11.8	-2.9	-17.9	8.5	-30.6	-45.2	6.5
6987	ok	0.0	0.3	7.30e-03	11.8	11.8	11.8	11.8	-40.2	6.3	-27.8	32.5	3.0	-8.8
6988	ok	0.0	0.2	7.42e-03	11.8	11.8	11.8	11.8	-6.1	-17.2	-9.1	1.6	16.4	-8.3
6989	ok	0.0	0.2	7.08e-03	11.8	11.8	11.8	11.8	-39.8	3.7	-22.9	19.5	9.5	-9.1
6990	ok	0.0	0.3	1.06e-02	11.8	11.8	11.8	11.8	9.9	-9.7	12.9	-33.4	12.3	-4.0
6991	ok	0.0	0.3	9.28e-03	11.8	11.8	11.8	11.8	4.0	-12.0	15.1	-34.8	9.4	-2.4
6992	ok	0.0	0.3	7.85e-03	11.8	11.8	11.8	11.8	0.7	-6.9	14.5	-31.1	6.6	-3.2
6993	ok	0.0	0.3	7.60e-03	11.8	11.8	11.8	11.8	-1.3	-3.6	13.3	-24.8	6.4	-3.9
6994	ok	0.0	0.3	1.59e-02	11.8	11.8	11.8	11.8	12.4	-0.5	8.2	-21.4	24.3	-6.1
6995	ok	0.0	0.3	1.26e-02	11.8	11.8	11.8	11.8	11.3	-8.0	9.9	-27.4	18.0	-5.0
6996	ok	0.0	0.4	2.09e-02	11.8	11.8	11.8	11.8	4.3	2.3	4.6	-23.4	32.5	-6.6
6997	ok	0.0	0.7	2.48e-02	11.8	11.8	11.8	11.8	62.9	57.6	52.4	10.1	44.7	34.0
6998	ok	0.0	0.4	2.57e-03	11.8	11.8	11.8	11.8	-7.4	-3.3	-3.7	-46.5	-42.6	8.3
6999	ok	0.0	0.5	8.18e-03	11.8	11.8	11.8	11.8	32.3	16.4	24.7	-53.9	7.0	-14.4
7000	ok	0.0	0.4	1.90e-03	11.8	11.8	11.8	11.8	-1.0	-0.3	-0.6	-32.7	-11.0	-19.0
7001	ok	0.0	0.8	5.05e-03	11.8	11.8	11.8	11.8	-0.4	1.9	1.4	-74.1	-28.2	-35.5
7002	ok	0.0	0.6	9.63e-03	11.8	11.8	11.8	11.8	-7.6	-31.2	15.5	-23.9	-66.0	30.2
7003	ok	0.0	0.4	3.86e-03	11.8	11.8	11.8	11.8	-0.6	-5.4	-2.0	-7.5	-47.0	-4.4
7017	ok	0.0	0.5	3.03e-03	11.8	11.8	11.8	11.8	-9.7	-1.9	1.5	-26.2	-24.7	34.2
7018	ok	0.0	0.4	3.10e-03	11.8	11.8	11.8	11.8	-9.6	-0.6	1.6	-31.4	-10.3	27.0
7019	ok	0.0	0.5	2.94e-03	11.8	11.8	11.8	11.8	-8.6	-0.8	-0.6	-56.0	-26.8	6.6
7020	ok	0.0	0.6	2.66e-03	11.8	11.8	11.8	11.8	-9.8	-4.5	-0.9	-30.1	-54.8	28.3
7021	ok	0.0	0.6	2.65e-03	11.8	11.8	11.8	11.8	-10.0	-3.7	-0.7	-37.6	-49.0	25.5
7022	ok	0.0	0.5	2.65e-03	11.8	11.8	11.8	11.8	-9.9	-2.8	-0.6	-44.5	-41.4	21.0
7023	ok	0.0	0.5	5.46e-03	11.8	11.8	11.8	11.8	-1.3	-4.6	-2.6	46.1	25.4	23.0
7024	ok	0.0	0.5	2.80e-03	11.8	11.8	11.8	11.8	-9.5	-1.8	-0.6	-50.8	-33.5	14.5
7026	ok	0.0	0.5	4.54e-03	11.8	11.8	11.8	11.8	-23.4	-21.4	1.3	-44.8	1.3	-28.0
7027	ok	0.0	0.4	5.12e-03	11.8	11.8	11.8	11.8	-21.1	-18.1	4.4	-45.5	-0.2	-16.6
7028	ok	0.0	0.6	7.52e-03	11.8	11.8	11.8	11.8	51.9	58.7	-42.2	0.3	-36.5	9.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7029	ok	0.0	0.7	2.05e-02	11.8	11.8	11.8	11.8	67.8	4.3	-133.0	-0.9	-40.2	12.2
7030	ok	0.0	0.4	5.84e-03	11.8	11.8	11.8	11.8	-4.4	-14.8	8.7	-31.5	-50.7	8.9
7031	ok	0.0	0.4	5.84e-03	11.8	11.8	11.8	11.8	-6.3	-12.6	9.3	-29.4	-52.2	9.3
7032	ok	0.0	0.4	5.76e-03	11.8	11.8	11.8	11.8	-8.0	-10.2	9.1	-26.5	-53.0	8.7
7033	ok	0.0	0.4	5.58e-03	11.8	11.8	11.8	11.8	-9.6	-8.2	8.3	-23.3	-53.0	7.0
7034	ok	0.0	0.4	5.30e-03	11.8	11.8	11.8	11.8	-10.8	-6.6	6.8	-19.9	-51.9	4.2
7035	ok	0.0	0.4	5.63e-03	11.8	11.8	11.8	11.8	-0.8	-17.8	3.6	-28.5	-44.0	5.1
7036	ok	0.0	0.4	5.89e-03	11.8	11.8	11.8	11.8	-1.5	-17.7	5.6	-31.4	-46.5	6.5
7037	ok	0.0	0.4	5.91e-03	11.8	11.8	11.8	11.8	-2.8	-16.7	7.4	-32.4	-48.8	7.9
7038	ok	0.0	0.3	6.45e-03	11.8	11.8	11.8	11.8	2.7	-5.6	1.6	22.9	-29.2	-15.4
7039	ok	0.0	0.3	6.29e-03	11.8	11.8	11.8	11.8	1.9	-6.7	0.3	27.3	-29.8	-9.1
7040	ok	0.0	0.3	6.29e-03	11.8	11.8	11.8	11.8	1.8	-8.7	-0.6	19.3	-29.3	-1.1
7041	ok	0.0	0.3	6.30e-03	11.8	11.8	11.8	11.8	-10.6	4.6	4.6	-1.9	-34.8	2.8
7042	ok	0.0	0.3	6.19e-03	11.8	11.8	11.8	11.8	-10.0	4.4	4.7	-10.9	-34.8	3.8
7043	ok	0.0	0.3	6.22e-03	11.8	11.8	11.8	11.8	-0.5	-18.7	2.4	-23.0	-36.9	3.2
7044	ok	0.0	0.3	5.66e-03	11.8	11.8	11.8	11.8	3.7	-6.4	0.8	17.3	-40.2	-13.7
7045	ok	0.0	0.4	5.67e-03	11.8	11.8	11.8	11.8	2.9	-7.4	-1.17e-02	18.9	-40.7	-9.3
7046	ok	0.0	0.4	5.70e-03	11.8	11.8	11.8	11.8	2.7	-9.0	-0.5	12.1	-40.0	-3.2
7047	ok	0.0	0.3	5.72e-03	11.8	11.8	11.8	11.8	0.4	9.2	15.9	-6.1	-40.0	-0.6
7048	ok	0.0	0.3	5.65e-03	11.8	11.8	11.8	11.8	0.5	9.6	16.3	-13.6	-39.1	1.6
7049	ok	0.0	0.3	5.76e-03	11.8	11.8	11.8	11.8	-0.5	-17.3	2.3	-24.9	-42.5	4.3
7050	ok	0.0	0.4	5.28e-03	11.8	11.8	11.8	11.8	-0.8	-16.6	3.3	-30.2	-47.2	5.8
7051	ok	0.0	0.4	5.30e-03	11.8	11.8	11.8	11.8	4.3	-6.8	0.2	14.4	-46.6	-12.8
7052	ok	0.0	0.4	5.31e-03	11.8	11.8	11.8	11.8	3.6	-7.8	-0.3	13.6	-46.9	-9.6
7053	ok	0.0	0.4	5.32e-03	11.8	11.8	11.8	11.8	3.3	-9.1	-0.6	7.1	-46.1	-4.9
7054	ok	0.0	0.4	5.31e-03	11.8	11.8	11.8	11.8	-0.3	-13.2	-0.3	-3.8	-45.2	-0.9
7055	ok	0.0	0.4	5.23e-03	11.8	11.8	11.8	11.8	-0.4	-14.6	0.3	-14.3	-44.8	1.8
7056	ok	0.0	0.4	5.37e-03	11.8	11.8	11.8	11.8	-0.6	-16.3	2.2	-26.8	-46.2	4.6
7057	ok	0.0	0.4	5.47e-03	11.8	11.8	11.8	11.8	-4.2	-14.3	7.7	-32.5	-52.6	10.0
7058	ok	0.0	0.4	5.51e-03	11.8	11.8	11.8	11.8	-1.6	-16.6	5.0	-33.1	-49.0	7.4
7059	ok	0.0	0.4	5.53e-03	11.8	11.8	11.8	11.8	-2.7	-15.7	6.5	-33.8	-50.9	8.9
7060	ok	0.0	0.3	3.08e-03	11.8	11.8	11.8	11.8	2.0	-7.7	0.3	-40.3	-1.8	5.8
7061	ok	0.0	0.4	3.20e-03	11.8	11.8	11.8	11.8	3.2	-7.8	-1.0	-51.4	-13.8	2.4
7062	ok	0.0	0.4	3.23e-03	11.8	11.8	11.8	11.8	1.7	-8.1	0.8	-40.0	-8.4	10.2
7063	ok	0.0	0.4	3.39e-03	11.8	11.8	11.8	11.8	1.4	-8.6	1.4	-38.8	-17.8	13.6
7064	ok	0.0	0.4	3.57e-03	11.8	11.8	11.8	11.8	-3.2	-10.8	2.7	-37.3	-28.3	15.3
7065	ok	0.0	0.4	3.77e-03	11.8	11.8	11.8	11.8	-3.2	-11.5	3.4	-35.9	-38.2	15.4
7066	ok	0.0	0.4	3.99e-03	11.8	11.8	11.8	11.8	-3.4	-12.2	4.3	-35.0	-45.9	14.6
7067	ok	0.0	0.5	4.37e-03	11.8	11.8	11.8	11.8	-3.6	-12.8	5.2	-34.2	-51.0	13.2
7068	ok	0.0	0.5	5.07e-03	11.8	11.8	11.8	11.8	-3.8	-13.5	6.3	-33.4	-53.2	11.6
7069	ok	0.0	0.4	4.71e-03	11.8	11.8	11.8	11.8	-0.9	-15.2	2.7	-33.0	-49.6	6.2
7070	ok	0.0	0.4	4.37e-03	11.8	11.8	11.8	11.8	-1.0	-14.0	2.1	-36.1	-49.0	6.1
7071	ok	0.0	0.4	4.08e-03	11.8	11.8	11.8	11.8	-1.0	-12.9	1.6	-39.5	-45.7	5.7
7072	ok	0.0	0.4	3.83e-03	11.8	11.8	11.8	11.8	-1.1	-12.0	1.0	-42.9	-40.2	5.2
7073	ok	0.0	0.4	3.74e-03	11.8	11.8	11.8	11.8	-1.1	-11.2	0.4	-46.1	-33.3	4.7
7074	ok	0.0	0.4	3.54e-03	11.8	11.8	11.8	11.8	-1.1	-10.5	-7.15e-02	-48.8	-26.0	4.1
7075	ok	0.0	0.4	3.36e-03	11.8	11.8	11.8	11.8	-1.0	-9.9	-0.6	-50.6	-19.2	3.4
7076	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	2.8	-7.9	-0.5	-51.7	-11.9	3.7
7077	ok	0.0	0.4	3.11e-03	11.8	11.8	11.8	11.8	2.5	-7.8	-8.18e-02	-48.2	-8.0	4.9
7078	ok	0.0	0.4	4.74e-03	11.8	11.8	11.8	11.8	-1.6	-15.1	4.1	-35.5	-50.6	8.5
7079	ok	0.0	0.5	5.11e-03	11.8	11.8	11.8	11.8	-2.6	-14.5	5.3	-35.6	-51.8	10.4
7080	ok	0.0	0.4	4.39e-03	11.8	11.8	11.8	11.8	-1.7	-13.9	3.3	-38.1	-49.5	9.0
7081	ok	0.0	0.5	4.35e-03	11.8	11.8	11.8	11.8	-2.6	-13.5	4.3	-37.5	-50.1	11.5
7082	ok	0.0	0.4	4.10e-03	11.8	11.8	11.8	11.8	-1.7	-12.9	2.6	-40.9	-45.7	9.2
7083	ok	0.0	0.4	4.07e-03	11.8	11.8	11.8	11.8	-2.5	-12.6	3.5	-39.4	-45.8	12.2
7084	ok	0.0	0.4	3.85e-03	11.8	11.8	11.8	11.8	-1.7	-12.0	1.9	-43.8	-39.8	9.0
7085	ok	0.0	0.4	3.83e-03	11.8	11.8	11.8	11.8	-2.4	-11.8	2.7	-41.6	-39.1	12.5
7086	ok	0.0	0.4	3.63e-03	11.8	11.8	11.8	11.8	-1.7	-11.2	1.2	-46.6	-32.5	8.4
7087	ok	0.0	0.4	3.62e-03	11.8	11.8	11.8	11.8	-2.4	-11.1	2.0	-43.8	-30.8	12.0
7088	ok	0.0	0.4	3.44e-03	11.8	11.8	11.8	11.8	-1.7	-10.5	0.6	-49.1	-24.8	7.3
7089	ok	0.0	0.4	3.43e-03	11.8	11.8	11.8	11.8	2.0	-8.7	0.9	-45.9	-22.1	10.5
7090	ok	0.0	0.4	3.26e-03	11.8	11.8	11.8	11.8	2.7	-8.3	-0.1	-50.8	-17.7	5.7
7091	ok	0.0	0.4	3.26e-03	11.8	11.8	11.8	11.8	2.3	-8.3	0.4	-47.4	-14.1	8.0
7092	ok	0.0	1.0	3.11e-03	33.6	50.7	45.8	57.3	-9.8	-17.2	15.3	346.8	394.5	-139.2
7093	ok	0.0	0.4	4.83e-03	11.8	11.8	11.8	11.8	-10.5	-6.7	4.8	-14.5	-52.8	-0.6
7094	ok	0.0	1.0	3.39e-03	11.8	18.0	17.1	23.0	-2.7	3.5	-1.8	150.5	165.1	-20.4
7095	ok	0.0	0.6	3.60e-03	11.8	11.8	11.8	11.8	-6.4	1.9	1.7	71.1	23.0	-2.9
7096	ok	0.0	0.3	3.66e-03	11.8	11.8	11.8	11.8	-4.6	-11.3	2.9	37.7	-23.3	-3.0
7097	ok	0.0	0.3	3.63e-03	11.8	11.8	11.8	11.8	-5.6	-10.4	3.1	19.6	-40.6	-2.6
7098	ok	0.0	0.4	3.77e-03	11.8	11.8	11.8	11.8	-6.6	-9.6	3.4	6.8	-50.3	-2.5
7099	ok	0.0	0.4	4.02e-03	11.8	11.8	11.8	11.8	-7.8	-8.8	3.9	-2.6	-55.0	-2.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7100	ok	0.0	0.4	4.28e-03	11.8	11.8	11.8	11.8	-9.1	-7.9	4.3	-9.5	-55.6	-1.6
7101	ok	0.0	0.4	5.04e-03	11.8	11.8	11.8	11.8	-9.8	-7.5	6.3	-17.8	-54.7	3.9
7102	ok	0.0	0.5	5.24e-03	11.8	11.8	11.8	11.8	-8.7	-8.9	7.4	-21.9	-55.3	7.3
7103	ok	0.0	0.5	5.36e-03	11.8	11.8	11.8	11.8	-7.3	-10.6	8.1	-26.0	-55.0	9.4
7104	ok	0.0	0.5	5.51e-03	11.8	11.8	11.8	11.8	-5.8	-12.5	8.2	-29.7	-54.0	10.2
7105	ok	0.0	0.2	3.02e-03	11.8	11.8	11.8	11.8	1.5	-7.7	0.4	-27.4	9.1	6.8
7106	ok	0.0	0.2	2.91e-03	11.8	11.8	11.8	11.8	1.0	-7.4	0.9	-7.5	22.3	6.2
7107	ok	0.0	0.4	3.61e-03	11.8	11.8	11.8	11.8	-5.8	-14.3	1.5	18.5	53.0	5.0
7108	ok	0.0	0.9	3.31e-03	11.8	17.0	11.8	17.7	0.4	-20.0	-7.7	79.3	104.8	59.0
7109	ok	0.0	0.5	4.96e-03	11.8	11.8	11.8	11.8	-5.1	-12.2	6.8	-29.4	-54.6	11.9
7110	ok	0.0	0.5	4.97e-03	11.8	11.8	11.8	11.8	-6.4	-10.9	6.8	-24.2	-55.8	10.8
7111	ok	0.0	0.5	4.85e-03	11.8	11.8	11.8	11.8	-7.5	-9.6	6.3	-18.6	-56.6	8.1
7112	ok	0.0	0.5	4.61e-03	11.8	11.8	11.8	11.8	-8.4	-8.6	5.5	-13.4	-56.7	3.8
7113	ok	0.0	0.5	4.40e-03	11.8	11.8	11.8	11.8	-4.6	-11.9	5.7	-28.6	-52.1	13.8
7114	ok	0.0	0.5	4.30e-03	11.8	11.8	11.8	11.8	-5.6	-11.0	5.8	-21.5	-53.4	12.8
7115	ok	0.0	0.5	4.29e-03	11.8	11.8	11.8	11.8	-6.4	-10.2	5.5	-13.9	-54.6	9.8
7116	ok	0.0	0.4	4.15e-03	11.8	11.8	11.8	11.8	-7.2	-9.5	4.8	-6.9	-55.4	4.5
7117	ok	0.0	0.4	3.87e-03	11.8	11.8	11.8	11.8	-4.2	-11.6	4.8	-27.7	-46.4	15.8
7118	ok	0.0	0.4	3.73e-03	11.8	11.8	11.8	11.8	-0.8	-9.1	4.1	-18.2	-47.2	15.3
7119	ok	0.0	0.4	3.79e-03	11.8	11.8	11.8	11.8	-1.4	-8.7	3.9	-7.9	-48.6	12.3
7120	ok	0.0	0.4	3.75e-03	11.8	11.8	11.8	11.8	-6.1	-10.2	4.3	1.9	-50.2	5.9
7121	ok	0.0	0.4	3.68e-03	11.8	11.8	11.8	11.8	0.3	-9.3	3.2	-26.9	-37.3	17.5
7122	ok	0.0	0.4	3.59e-03	11.8	11.8	11.8	11.8	-0.3	-9.0	3.5	-14.7	-37.2	17.9
7123	ok	0.0	0.3	3.53e-03	11.8	11.8	11.8	11.8	-0.8	-9.0	3.5	-0.6	-38.1	15.4
7124	ok	0.0	0.3	3.47e-03	11.8	11.8	11.8	11.8	-5.3	-10.9	3.9	13.5	-40.0	8.2
7125	ok	0.0	0.4	3.49e-03	11.8	11.8	11.8	11.8	0.5	-8.8	2.5	-26.7	-25.4	18.1
7126	ok	0.0	0.3	3.43e-03	11.8	11.8	11.8	11.8	-9.19e-02	-8.7	3.0	-11.8	-22.9	19.7
7127	ok	0.0	0.3	3.44e-03	11.8	11.8	11.8	11.8	-4.8	-11.2	4.4	8.7	-21.4	19.1
7128	ok	0.0	0.3	3.46e-03	11.8	11.8	11.8	11.8	-4.9	-11.6	3.9	29.3	-22.9	11.3
7129	ok	0.0	0.3	3.32e-03	11.8	11.8	11.8	11.8	0.8	-8.3	1.9	-27.2	-12.1	16.5
7130	ok	0.0	0.2	3.21e-03	11.8	11.8	11.8	11.8	0.1	-8.3	2.4	-10.0	-5.3	19.1
7131	ok	0.0	0.3	3.44e-03	11.8	11.8	11.8	11.8	-4.6	4.5	9.7	13.4	17.7	15.4
7132	ok	0.0	0.5	3.59e-03	11.8	11.8	11.8	11.8	-3.7	3.4	8.8	57.1	40.3	15.5
7133	ok	0.0	0.3	3.16e-03	11.8	11.8	11.8	11.8	1.1	-8.2	0.9	-27.7	1.6	12.5
7134	ok	0.0	0.2	3.06e-03	11.8	11.8	11.8	11.8	-4.6	-9.8	2.3	-9.2	14.3	13.7
7135	ok	0.0	0.4	3.51e-03	11.8	11.8	11.8	11.8	-6.5	-13.3	4.3	20.2	42.6	13.3
7136	ok	0.0	1.0	3.68e-03	11.8	12.0	11.8	11.8	-5.8	1.5	9.6	93.3	72.1	-1.3
7137	ok	0.0	0.9	3.14e-03	12.0	13.6	11.8	21.1	-7.0	5.7	4.1	102.4	137.1	26.5
7138	ok	0.0	0.4	4.50e-03	11.8	11.8	11.8	11.8	-10.9	-6.5	3.4	-11.7	-49.9	-5.0
7139	ok	0.0	0.8	4.02e-03	11.8	11.8	11.8	11.8	-5.7	-8.7	0.6	65.1	91.8	-18.1
7140	ok	0.0	0.6	3.48e-03	11.8	11.8	11.8	11.8	-1.3	4.0	0.5	59.9	40.6	-14.9
7141	ok	0.0	0.3	3.49e-03	11.8	11.8	11.8	11.8	-4.6	-10.2	2.0	29.9	-22.9	-15.3
7142	ok	0.0	0.3	3.62e-03	11.8	11.8	11.8	11.8	-5.9	-9.6	2.3	16.6	-39.4	-12.5
7143	ok	0.0	0.4	3.78e-03	11.8	11.8	11.8	11.8	-7.0	-9.0	2.7	6.3	-49.0	-10.3
7144	ok	0.0	0.4	3.89e-03	11.8	11.8	11.8	11.8	-8.2	-8.3	3.0	-1.6	-53.4	-8.6
7145	ok	0.0	0.4	4.30e-03	11.8	11.8	11.8	11.8	-9.4	-7.5	3.2	-7.5	-53.5	-6.9
7146	ok	0.0	0.1	2.71e-03	11.8	11.8	11.8	11.8	3.3	-14.6	2.0	-13.0	-7.0	-6.0
7147	ok	0.0	0.4	4.88e-03	11.8	11.8	11.8	11.8	-8.9	18.9	11.3	-7.0	-40.2	-10.6
7148	ok	0.0	0.2	2.88e-03	11.8	11.8	11.8	11.8	2.6	-14.9	2.2	-11.9	-10.6	-9.1
7149	ok	0.0	0.2	3.08e-03	11.8	11.8	11.8	11.8	-4.8	-7.4	1.7	-11.3	-15.5	-16.1
7150	ok	0.0	0.3	3.26e-03	11.8	11.8	11.8	11.8	-5.7	-7.6	1.8	-10.4	-27.0	-17.9
7151	ok	0.0	0.4	3.52e-03	11.8	11.8	11.8	11.8	-6.6	-7.8	1.9	-9.4	-36.9	-17.8
7152	ok	0.0	0.4	3.83e-03	11.8	11.8	11.8	11.8	-7.5	-7.9	1.9	-8.4	-43.7	-16.5
7153	ok	0.0	0.4	4.17e-03	11.8	11.8	11.8	11.8	-8.4	-8.0	1.9	-7.1	-46.7	-14.7
7154	ok	0.0	0.4	4.48e-03	11.8	11.8	11.8	11.8	-9.4	-8.0	1.7	-5.3	-45.5	-12.7
7155	ok	0.0	0.4	4.79e-03	11.8	11.8	11.8	11.8	-8.0	16.3	12.7	-8.2	-42.2	-10.3
7156	ok	0.0	0.4	4.61e-03	11.8	11.8	11.8	11.8	-10.9	-6.7	2.4	-9.1	-46.5	-8.6
7157	ok	0.0	0.4	3.51e-03	11.8	11.8	11.8	11.8	-4.7	3.6	-2.4	29.1	39.2	8.3
7158	ok	0.0	0.2	2.69e-03	11.8	11.8	11.8	11.8	-4.9	4.9	-1.8	13.4	17.4	2.4
7159	ok	0.0	0.4	4.36e-03	11.8	11.8	11.8	11.8	-9.6	-7.5	2.4	-6.5	-50.9	-10.8
7160	ok	0.0	0.4	4.50e-03	11.8	11.8	11.8	11.8	-9.5	-7.7	1.9	-5.8	-48.1	-12.8
7161	ok	0.0	0.4	4.08e-03	11.8	11.8	11.8	11.8	-8.4	-8.1	2.3	-2.8	-51.1	-12.9
7162	ok	0.0	0.4	4.14e-03	11.8	11.8	11.8	11.8	-8.4	-8.0	2.0	-4.9	-48.8	-15.0
7163	ok	0.0	0.4	3.81e-03	11.8	11.8	11.8	11.8	-7.3	-8.5	2.2	2.1	-47.0	-15.3
7164	ok	0.0	0.4	3.82e-03	11.8	11.8	11.8	11.8	-7.4	-8.1	1.9	-3.4	-45.1	-17.2
7165	ok	0.0	0.4	3.55e-03	11.8	11.8	11.8	11.8	-6.3	-8.8	1.9	8.0	-37.6	-17.9
7166	ok	0.0	0.4	3.55e-03	11.8	11.8	11.8	11.8	-6.5	-8.2	1.8	-1.6	-36.8	-19.1
7167	ok	0.0	0.3	3.31e-03	11.8	11.8	11.8	11.8	-5.3	-9.0	1.6	14.6	-22.2	-20.4
7168	ok	0.0	0.3	3.30e-03	11.8	11.8	11.8	11.8	-5.6	-8.1	1.6	9.76e-02	-24.2	-20.1
7169	ok	0.0	0.3	3.24e-03	11.8	11.8	11.8	11.8	-4.0	4.1	-1.8	25.9	19.3	-16.6
7170	ok	0.0	0.2	3.03e-03	11.8	11.8	11.8	11.8	1.1	-14.9	2.7	-6.2	-17.7	-12.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7171	ok	0.0	0.3	3.51e-03	11.8	11.8	11.8	11.8	-4.6	1.9	-3.8	34.1	41.1	1.1
7172	ok	0.0	0.2	2.87e-03	11.8	11.8	11.8	11.8	0.9	-10.6	3.3	8.7	10.1	-8.9
7173	ok	0.0	0.3	8.05e-03	11.8	11.8	11.8	11.8	4.7	-23.0	-15.6	21.5	35.5	-0.4
7174	ok	0.0	0.3	8.09e-03	11.8	11.8	11.8	11.8	1.4	-22.1	-20.4	30.0	15.2	5.3
7175	ok	0.0	0.2	6.93e-03	11.8	11.8	11.8	11.8	5.4	-23.5	-14.6	8.8	21.2	-1.8
7176	ok	0.0	0.2	7.02e-03	11.8	11.8	11.8	11.8	-35.9	-14.3	-25.3	17.6	11.2	-5.1
7177	ok	0.0	0.3	1.16e-02	11.8	11.8	11.8	11.8	16.6	7.74e-02	5.2	-15.4	31.4	8.7
7178	ok	0.0	0.3	1.49e-02	11.8	11.8	11.8	11.8	5.7	0.5	3.1	-25.4	22.6	4.7
7179	ok	0.0	0.2	1.04e-02	11.8	11.8	11.8	11.8	15.3	-5.4	5.3	-26.3	16.3	5.5
7180	ok	0.0	0.3	1.21e-02	11.8	11.8	11.8	11.8	15.3	-4.8	8.2	-28.5	18.0	-0.7
7181	ok	0.0	0.5	1.38e-02	11.8	11.8	11.8	11.8	14.0	1.0	2.4	-4.0	46.5	13.0
7182	ok	0.0	0.5	1.89e-02	11.8	11.8	11.8	11.8	100.9	63.0	53.8	21.4	34.9	8.8
7183	ok	0.0	1.0	1.61e-02	11.8	14.7	11.8	15.7	53.1	58.8	21.1	53.0	76.6	71.3
7184	ok	0.0	0.8	2.51e-02	11.8	11.8	11.8	11.8	66.6	49.2	51.2	21.5	62.6	35.4
7185	ok	0.0	1.0	1.29e-02	12.0	23.9	26.4	38.9	16.6	-19.5	1.5	122.9	289.6	89.4
7186	ok	0.0	1.0	2.26e-02	11.8	14.4	11.8	14.8	76.7	38.5	22.1	46.6	70.1	73.9
7187	ok	0.0	0.4	2.01e-02	11.8	11.8	11.8	11.8	21.9	0.9	-12.2	20.2	2.6	12.0
7189	ok	0.0	1.0	1.77e-02	11.8	11.8	11.8	18.5	26.6	14.5	7.7	52.0	139.1	26.8
7190	ok	0.0	0.9	3.78e-03	11.8	11.8	11.8	11.8	-9.3	-16.0	10.7	98.8	65.2	16.0
7191	ok	0.0	0.5	3.11e-03	11.8	11.8	11.8	11.8	-7.6	-2.4	-2.6	-42.1	-52.7	15.7
7192	ok	0.0	0.5	2.40e-03	11.8	11.8	11.8	11.8	-9.3	-5.2	-2.4	-57.8	-49.7	3.6
7193	ok	0.0	0.9	4.20e-03	11.8	13.7	11.8	11.8	-16.9	3.8	2.8	96.2	55.2	-22.7
7194	ok	0.0	0.5	2.75e-03	11.8	11.8	11.8	11.8	-8.7	-2.3	-1.6	-60.2	-36.9	2.0
7195	ok	0.0	0.4	6.14e-03	11.8	11.8	11.8	11.8	64.7	2.7	13.1	39.8	5.0	12.3
7196	ok	0.0	0.6	2.58e-03	11.8	11.8	11.8	11.8	-10.0	-5.5	-1.5	-33.8	-58.0	20.8
7197	ok	0.0	0.7	7.71e-03	11.8	11.8	11.8	11.8	61.9	28.9	6.5	56.4	17.5	-39.1
7198	ok	0.0	1.0	3.79e-03	11.8	19.7	13.1	11.8	13.4	-2.7	1.5	126.6	41.2	69.5
7199	ok	0.0	0.5	2.53e-03	11.8	11.8	11.8	11.8	-10.0	-4.9	-1.5	-42.1	-54.0	18.3
7200	ok	0.0	0.5	2.54e-03	11.8	11.8	11.8	11.8	-9.9	-4.1	-1.5	-49.3	-48.4	14.3
7202	ok	0.0	0.5	2.63e-03	11.8	11.8	11.8	11.8	-9.5	-3.3	-1.6	-55.4	-42.5	8.7
7203	ok	0.0	0.2	6.69e-03	11.8	11.8	11.8	11.8	-25.6	-1.0	-5.4	-20.5	-1.7	-5.5
7204	ok	0.0	0.5	3.21e-03	11.8	11.8	11.8	11.8	-7.3	-13.8	-3.7	-58.0	-59.3	-7.7
7206	ok	0.0	0.5	3.09e-03	11.8	11.8	11.8	11.8	-11.7	-13.2	-2.3	-46.5	-60.7	-5.4
7207	ok	0.0	0.4	5.32e-03	11.8	11.8	11.8	11.8	-4.5	-0.6	-1.7	-46.2	-16.6	-14.9
7208	ok	0.0	0.5	3.12e-03	11.8	11.8	11.8	11.8	-10.9	-13.8	-2.4	-51.8	-62.0	-3.9
7209	ok	0.0	0.4	5.42e-03	11.8	11.8	11.8	11.8	-4.0	-0.6	-1.6	-40.1	-9.4	-13.8
7210	ok	0.0	0.5	3.15e-03	11.8	11.8	11.8	11.8	-8.9	-12.7	-2.4	-55.5	-62.2	-3.8
7211	ok	0.0	0.3	5.60e-03	11.8	11.8	11.8	11.8	-3.6	-0.7	-1.6	-32.8	-1.7	-10.1
7212	ok	0.0	0.5	3.19e-03	11.8	11.8	11.8	11.8	-8.1	-13.3	-2.9	-57.6	-61.3	-5.1
7214	ok	0.0	0.4	3.13e-03	11.8	11.8	11.8	11.8	-8.6	9.02e-02	0.4	-48.8	-14.8	11.4
7216	ok	0.0	0.6	2.98e-03	11.8	11.8	11.8	11.8	-8.0	-3.1	-2.6	-36.0	-53.6	23.1
7217	ok	0.0	0.5	2.99e-03	11.8	11.8	11.8	11.8	-7.7	-2.6	-2.7	-45.0	-53.0	16.7
7218	ok	0.0	0.5	2.43e-03	11.8	11.8	11.8	11.8	-8.0	-10.2	-3.7	-60.4	-55.7	-6.9
7219	ok	0.0	0.5	2.19e-03	11.8	11.8	11.8	11.8	-8.5	-7.0	-3.3	-61.8	-51.0	-4.9
7220	ok	0.0	0.5	2.75e-03	11.8	11.8	11.8	11.8	-11.6	-11.2	-2.6	-43.3	-61.8	-0.3
7221	ok	0.0	0.6	2.89e-03	11.8	11.8	11.8	11.8	-8.2	-3.1	-2.9	-40.7	-50.4	22.2
7222	ok	0.0	0.6	2.75e-03	11.8	11.8	11.8	11.8	-9.5	-3.8	-0.2	-25.4	-51.6	34.6
7223	ok	0.0	0.7	6.64e-03	11.8	11.8	11.8	11.8	13.7	-0.8	8.0	62.2	24.1	41.8
7224	ok	0.0	0.6	2.76e-03	11.8	11.8	11.8	11.8	-9.7	-3.0	0.2	-31.2	-43.6	32.1
7225	ok	0.0	0.4	1.11e-02	11.8	11.8	11.8	11.8	33.4	1.2	6.6	-28.6	-2.6	-18.9
7226	ok	0.0	0.5	2.88e-03	11.8	11.8	11.8	11.8	-9.8	-2.0	0.4	-37.2	-33.3	27.7
7227	ok	0.0	0.6	3.10e-03	11.8	11.8	11.8	11.8	-1.9	-6.1	-0.1	-14.7	-60.4	26.9
7228	ok	0.0	0.5	2.97e-03	11.8	11.8	11.8	11.8	-9.6	-0.9	0.4	-43.3	-22.9	20.6
7229	ok	0.0	0.4	4.22e-03	11.8	11.8	11.8	11.8	-2.9	-9.0	2.6	41.0	-20.0	27.0
7230	ok	0.0	0.5	2.51e-03	11.8	11.8	11.8	11.8	-9.6	-4.9	-2.9	-61.8	-44.9	-2.2
7232	ok	0.0	0.5	2.60e-03	11.8	11.8	11.8	11.8	-10.1	-6.9	-2.0	-37.0	-60.4	12.9
7234	ok	0.0	0.5	2.51e-03	11.8	11.8	11.8	11.8	-10.0	-6.4	-2.0	-45.4	-58.0	11.2
7235	ok	0.0	0.8	4.48e-03	11.8	11.8	11.8	11.8	0.7	2.4	2.2	-78.8	-22.5	-29.7
7236	ok	0.0	0.5	2.81e-03	11.8	11.8	11.8	11.8	-8.1	-3.1	-3.2	-44.1	-46.0	19.6
7238	ok	0.0	0.5	2.40e-03	11.8	11.8	11.8	11.8	-9.8	-5.9	-2.2	-52.3	-54.2	8.1
7239	ok	0.0	0.5	2.58e-02	11.8	11.8	11.8	11.8	-26.5	-178.7	52.3	34.8	42.1	-35.4
7240	ok	0.0	8.42e-02	4.10e-03	11.8	11.8	11.8	11.8	-15.0	-5.0	-9.2	-7.7	-3.2	-4.7
7241	ok	0.0	1.0	1.38e-02	43.4	54.4	33.1	46.9	-60.4	-74.5	-15.7	382.7	318.1	140.6
7242	ok	0.0	1.0	1.46e-02	11.8	14.6	13.1	23.2	-51.6	-93.2	37.2	59.7	164.8	-73.5
7243	ok	0.0	0.4	5.28e-03	11.8	11.8	11.8	11.8	-38.6	-12.3	2.1	22.9	39.1	-22.1
7244	ok	0.0	0.4	4.85e-03	11.8	11.8	11.8	11.8	-26.7	-23.8	0.3	-33.4	16.8	-29.5
7245	ok	0.0	0.5	6.95e-03	11.8	11.8	11.8	11.8	54.5	115.9	-116.8	19.0	3.6	-18.1
7246	ok	0.0	0.4	6.40e-03	11.8	11.8	11.8	11.8	-31.5	-25.1	2.3	-18.3	40.9	-14.9
7247	ok	0.0	0.4	1.63e-02	11.8	11.8	11.8	11.8	12.4	-84.4	23.5	15.6	-39.8	-1.0
7248	ok	0.0	0.5	8.36e-03	11.8	11.8	11.8	11.8	38.3	29.8	-78.5	4.0	-39.2	7.4
7249	ok	0.0	0.6	3.52e-02	11.8	11.8	11.8	11.8	-15.0	-215.8	40.1	10.1	-57.8	-0.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7250	ok	0.0	0.5	3.37e-02	11.8	11.8	11.8	11.8	22.0	-176.4	24.9	6.8	-40.5	5.0
7251	ok	0.0	0.5	7.27e-02	11.8	11.8	11.8	11.8	-10.8	92.8	15.1	27.4	29.8	-17.1
7252	ok	0.0	0.4	7.82e-02	11.8	11.8	11.8	11.8	5.0	-498.8	24.9	6.4	-44.9	-1.6
7253	ok	0.0	0.3	7.37e-03	11.8	11.8	11.8	11.8	2.6	-4.7	3.2	14.4	-16.8	-18.7
7254	ok	0.0	0.3	7.62e-03	11.8	11.8	11.8	11.8	6.4	-25.3	-17.1	27.2	24.8	-10.1
7255	ok	0.0	0.2	6.67e-03	11.8	11.8	11.8	11.8	-2.2	12.1	22.4	-10.6	-25.0	-4.6
7256	ok	0.0	0.2	6.91e-03	11.8	11.8	11.8	11.8	-3.8	12.9	23.7	-14.7	-15.9	-5.8
7257	ok	0.0	0.3	7.18e-03	11.8	11.8	11.8	11.8	-3.2	13.6	21.8	-4.3	-25.4	-8.5
7258	ok	0.0	0.2	7.42e-03	11.8	11.8	11.8	11.8	7.6	-25.1	-15.7	7.5	16.1	-8.7
7259	ok	0.0	0.3	6.23e-03	11.8	11.8	11.8	11.8	10.4	-7.8	2.2	-22.3	-15.3	13.3
7260	ok	0.0	0.3	6.69e-03	11.8	11.8	11.8	11.8	-15.2	-1.0	5.3	-20.8	-12.6	10.7
7261	ok	0.0	0.2	5.95e-03	11.8	11.8	11.8	11.8	8.6	-9.1	3.4	-23.9	-18.5	8.0
7262	ok	0.0	0.2	5.86e-03	11.8	11.8	11.8	11.8	7.7	10.6	16.2	-16.8	-23.6	5.1
7263	ok	0.0	0.2	6.46e-03	11.8	11.8	11.8	11.8	4.6	-9.0	4.8	-16.5	-21.1	-3.6
7264	ok	0.0	0.3	6.87e-03	11.8	11.8	11.8	11.8	5.7	-2.55e-02	6.7	-22.0	-15.7	6.5
7265	ok	0.0	0.2	6.77e-03	11.8	11.8	11.8	11.8	28.6	9.4	19.1	-21.2	-16.9	3.5
7266	ok	0.0	0.2	6.74e-03	11.8	11.8	11.8	11.8	5.1	9.9	19.6	-18.8	-17.7	-0.7
7267	ok	0.0	0.3	7.47e-03	11.8	11.8	11.8	11.8	-13.6	2.1	2.9	-9.4	-21.3	16.6
7268	ok	0.0	0.3	9.25e-03	11.8	11.8	11.8	11.8	16.7	-0.2	2.4	-12.8	12.4	17.3
7269	ok	0.0	0.3	6.70e-03	11.8	11.8	11.8	11.8	-13.1	0.2	3.6	-13.0	-21.1	15.1
7270	ok	0.0	0.2	7.31e-03	11.8	11.8	11.8	11.8	-14.8	-0.5	4.0	-17.5	-9.7	14.7
7271	ok	0.0	0.3	8.06e-03	11.8	11.8	11.8	11.8	-13.3	3.8	2.6	-2.8	-22.8	16.5
7272	ok	0.0	0.5	1.12e-02	11.8	11.8	11.8	11.8	70.3	38.5	24.8	11.5	25.4	17.9
7273	ok	0.0	0.4	9.34e-03	11.8	11.8	11.8	11.8	18.3	4.5	2.5	19.4	-11.2	18.2
7274	ok	0.0	0.7	9.52e-03	11.8	11.8	11.8	11.8	8.8	-18.2	-15.2	27.3	49.4	28.7
7275	ok	0.0	0.3	9.95e-03	11.8	11.8	11.8	11.8	24.8	9.4	2.0	28.4	-15.4	9.6
7276	ok	0.0	1.0	1.27e-02	11.8	11.8	14.7	14.8	39.1	5.2	1.8	58.8	86.4	35.6
7277	ok	0.0	0.3	1.09e-02	11.8	11.8	11.8	11.8	-19.7	5.9	5.8	2.3	-29.4	-15.7
7278	ok	0.0	0.3	1.37e-02	11.8	11.8	11.8	11.8	-80.8	-1.3	-24.5	17.8	-17.4	-21.2
7279	ok	0.0	0.4	1.06e-02	11.8	11.8	11.8	11.8	24.5	13.2	8.3	25.6	-17.8	-9.0
7280	ok	0.0	0.6	1.74e-02	11.8	11.8	11.8	11.8	-26.8	-25.0	-4.1	45.8	43.6	-0.4
7281	ok	0.0	0.4	9.71e-03	11.8	11.8	11.8	11.8	30.4	2.8	8.0	-22.7	-18.5	-29.1
7282	ok	0.0	0.5	2.67e-03	11.8	11.8	11.8	11.8	-8.0	-3.2	-3.6	-46.2	-40.8	15.0
7283	ok	0.0	0.4	1.00e-02	11.8	11.8	11.8	11.8	29.8	5.6	10.0	-12.4	-20.1	-26.1
7284	ok	0.0	0.4	1.32e-02	11.8	11.8	11.8	11.8	31.6	0.9	6.6	-11.6	-10.6	-25.2
7285	ok	0.0	0.3	7.19e-03	11.8	11.8	11.8	11.8	-27.0	-1.1	-5.9	-23.7	-7.9	-12.9
7286	ok	0.0	0.4	9.25e-03	11.8	11.8	11.8	11.8	31.8	1.2	6.3	-32.6	-4.9	-14.9
7287	ok	0.0	0.4	7.88e-03	11.8	11.8	11.8	11.8	30.1	1.4	6.2	-26.7	-12.2	-20.5
7288	ok	0.0	0.4	8.82e-03	11.8	11.8	11.8	11.8	30.2	1.8	6.8	-27.2	-15.6	-25.9
7289	ok	0.0	0.3	8.08e-03	11.8	11.8	11.8	11.8	31.2	1.2	6.1	-32.0	-2.9	-11.5
7290	ok	0.0	0.3	7.31e-03	11.8	11.8	11.8	11.8	-26.9	-1.3	-5.8	-26.0	-3.1	-8.6
7291	ok	0.0	0.4	2.55e-03	11.8	11.8	11.8	11.8	-7.7	-3.3	-3.9	-47.0	-35.4	8.7
7292	ok	0.0	0.3	1.64e-02	11.8	11.8	11.8	11.8	33.6	2.5	8.3	-17.6	-1.4	-5.4
7293	ok	0.0	0.2	6.59e-03	11.8	11.8	11.8	11.8	-24.3	-1.7	-5.2	-20.7	-4.3	-7.5
7294	ok	0.0	0.4	3.68e-03	11.8	11.8	11.8	11.8	-5.9	-1.2	-1.5	-44.0	-38.8	7.9
7295	ok	0.0	0.4	3.59e-03	11.8	11.8	11.8	11.8	-5.8	-1.4	-1.7	-43.1	-43.8	8.6
7297	ok	0.0	0.3	7.64e-03	11.8	11.8	11.8	11.8	28.9	1.7	6.1	-24.0	-17.9	-17.1
7298	ok	0.0	0.4	8.32e-03	11.8	11.8	11.8	11.8	28.7	2.3	6.7	-26.0	-20.9	-21.2
7299	ok	0.0	0.2	4.05e-03	11.8	11.8	11.8	11.8	13.6	0.4	2.7	-15.4	-2.4	-5.8
7301	ok	0.0	0.5	6.09e-03	11.8	11.8	11.8	11.8	10.6	3.3	1.5	35.1	-9.1	15.3
7302	ok	0.0	0.2	6.45e-03	11.8	11.8	11.8	11.8	-25.9	-2.5	-5.9	-17.5	-9.7	-7.1
7305	ok	0.0	0.2	4.08e-03	11.8	11.8	11.8	11.8	-26.3	-2.1	-4.8	8.0	-5.1	-10.2
7306	ok	0.0	0.4	4.15e-03	11.8	11.8	11.8	11.8	45.7	1.8	9.0	-41.7	-2.9	-10.3
7307	ok	0.0	0.4	5.07e-03	11.8	11.8	11.8	11.8	50.9	2.1	10.2	-42.8	-2.2	-9.0
7310	ok	0.0	0.5	3.48e-03	11.8	11.8	11.8	11.8	-5.9	-1.6	-1.4	-44.7	-43.5	13.1
7313	ok	0.0	0.4	4.41e-03	11.8	11.8	11.8	11.8	2.3	1.8	2.2	-45.3	11.2	-2.6
7314	ok	0.0	0.9	6.18e-03	11.8	11.8	11.8	11.8	-20.2	-4.5	-4.8	92.7	22.2	32.2
7315	ok	0.0	0.7	5.00e-03	11.8	11.8	11.8	11.8	-5.1	-2.6	6.2	82.4	40.2	11.5
7316	ok	0.0	0.5	3.29e-03	11.8	11.8	11.8	11.8	-5.7	-2.1	-1.3	-44.2	-48.4	16.8
7319	ok	0.0	0.8	6.68e-03	11.8	13.4	11.8	11.8	-11.7	-7.1	-4.2	75.6	30.5	46.5
7320	ok	0.0	0.4	5.28e-03	11.8	11.8	11.8	11.8	-4.8	-0.6	-1.7	-43.7	-22.4	-12.6
7323	ok	0.0	0.4	1.68e-03	11.8	11.8	11.8	11.8	-2.3	-0.7	-1.3	-40.3	-12.0	-22.9
7324	ok	0.0	0.4	5.44e-03	11.8	11.8	11.8	11.8	-3.1	-0.5	-1.3	-38.3	-20.4	-19.9
7325	ok	0.0	0.2	9.64e-03	11.8	11.8	11.8	11.8	-3.8	-48.7	6.4	20.9	-9.6	-17.9
7326	ok	0.0	0.1	3.43e-03	11.8	11.8	11.8	11.8	5.3	1.9	3.1	3.6	-8.8	-8.3
7328	ok	0.0	0.5	3.95e-03	11.8	11.8	11.8	11.8	79.0	4.2	-20.6	-43.2	-3.6	17.3
7329	ok	0.0	0.7	4.14e-03	11.8	11.8	11.8	11.8	-3.6	1.1	0.2	-78.2	-25.6	-22.2
7330	ok	0.0	0.5	1.64e-02	11.8	11.8	11.8	11.8	6.1	23.9	-14.1	-10.8	-55.7	17.9
7331	ok	0.0	1.0	3.26e-02	22.8	25.1	19.9	15.9	7.7	91.6	13.8	-74.2	-21.5	152.4
7332	ok	0.0	1.0	4.01e-02	68.5	69.8	76.7	81.4	36.5	-278.7	-19.0	369.8	403.7	-284.9
7333	ok	0.0	1.0	6.10e-02	15.2	16.9	22.6	26.0	-65.2	-332.1	14.4	83.7	-185.6	-80.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7334	ok	0.0	0.6	4.17e-02	11.8	11.8	11.8	11.8	-15.9	-67.8	27.4	54.2	25.9	19.8
7335	ok	0.0	0.5	2.66e-02	11.8	11.8	11.8	11.8	-3.6	-172.2	74.9	47.2	55.8	-16.8
7336	ok	0.0	0.4	2.24e-02	11.8	11.8	11.8	11.8	20.6	-115.4	41.5	23.7	-32.1	-16.6
7337	ok	0.0	0.5	1.08e-02	11.8	11.8	11.8	11.8	17.8	82.0	-36.2	-15.0	-18.4	28.4
7338	ok	0.0	0.4	5.03e-03	11.8	11.8	11.8	11.8	15.4	-6.9	8.96e-02	29.2	11.5	-21.7
7339	ok	0.0	0.4	6.15e-03	11.8	11.8	11.8	11.8	18.7	2.7	-31.0	-20.4	-26.5	24.5
7340	ok	0.0	0.3	5.82e-03	11.8	11.8	11.8	11.8	-25.1	-19.3	4.4	-34.4	17.5	-16.0
7341	ok	0.0	0.6	1.88e-03	11.8	11.8	11.8	11.8	24.9	24.5	-12.6	-27.3	-30.4	29.6
7342	ok	0.0	0.5	2.07e-02	11.8	11.8	11.8	11.8	9.7	30.6	-20.0	-3.7	-49.8	11.4
7343	ok	0.0	0.3	5.64e-03	11.8	11.8	11.8	11.8	4.4	-6.0	1.4	12.2	-39.2	-14.2
7344	ok	0.0	0.4	5.31e-03	11.8	11.8	11.8	11.8	5.0	-6.4	0.6	11.6	-45.7	-12.9
7345	ok	0.0	0.3	6.42e-03	11.8	11.8	11.8	11.8	3.6	-5.3	2.4	14.0	-28.4	-15.9
7346	ok	0.0	0.3	6.21e-03	11.8	11.8	11.8	11.8	3.2	-8.5	3.4	-5.9	-28.3	-9.2
7347	ok	0.0	0.3	5.49e-03	11.8	11.8	11.8	11.8	3.7	-8.7	2.1	-2.3	-37.1	-7.6
7348	ok	0.0	0.3	6.48e-03	11.8	11.8	11.8	11.8	4.9	-5.1	3.0	3.5	-28.2	-13.9
7349	ok	0.0	0.3	5.61e-03	11.8	11.8	11.8	11.8	5.5	-5.6	1.9	5.1	-37.9	-12.2
7350	ok	0.0	0.3	5.97e-03	11.8	11.8	11.8	11.8	10.2	-7.1	1.3	-20.2	-22.9	14.6
7351	ok	0.0	0.3	5.74e-03	11.8	11.8	11.8	11.8	9.8	-6.4	0.3	-18.0	-31.0	15.5
7352	ok	0.0	0.3	5.68e-03	11.8	11.8	11.8	11.8	5.0	-8.9	3.4	-13.4	-28.1	-2.9
7353	ok	0.0	0.2	5.63e-03	11.8	11.8	11.8	11.8	6.9	-8.9	3.2	-18.5	-27.2	3.6
7354	ok	0.0	0.3	5.71e-03	11.8	11.8	11.8	11.8	8.7	-8.4	2.3	-21.0	-25.3	9.5
7355	ok	0.0	0.3	5.49e-03	11.8	11.8	11.8	11.8	8.5	-7.7	1.1	-17.5	-32.7	10.9
7356	ok	0.0	0.3	5.40e-03	11.8	11.8	11.8	11.8	7.0	-8.4	1.9	-14.3	-34.5	5.1
7357	ok	0.0	0.3	5.42e-03	11.8	11.8	11.8	11.8	5.4	-8.8	2.1	-9.2	-35.9	-1.4
7358	ok	0.0	0.3	6.83e-03	11.8	11.8	11.8	11.8	-12.5	2.9	2.4	-9.9	-29.1	15.6
7359	ok	0.0	0.3	6.40e-03	11.8	11.8	11.8	11.8	-12.5	1.1	3.1	-13.3	-27.5	15.1
7360	ok	0.0	0.3	7.06e-03	11.8	11.8	11.8	11.8	-12.9	3.7	2.1	-6.7	-31.6	15.2
7361	ok	0.0	0.3	6.88e-03	11.8	11.8	11.8	11.8	13.4	1.1	-5.03e-02	7.5	-22.7	15.6
7362	ok	0.0	0.3	8.43e-03	11.8	11.8	11.8	11.8	-42.4	-25.6	-20.5	10.4	-29.3	8.5
7363	ok	0.0	0.3	9.03e-03	11.8	11.8	11.8	11.8	-14.4	6.0	5.4	-6.0	-34.5	-12.1
7364	ok	0.0	0.3	9.13e-03	11.8	11.8	11.8	11.8	15.4	7.6	3.2	9.3	-26.4	-8.0
7365	ok	0.0	0.4	8.68e-03	11.8	11.8	11.8	11.8	28.2	3.7	7.7	-23.7	-23.1	-23.6
7366	ok	0.0	0.4	9.17e-03	11.8	11.8	11.8	11.8	26.8	6.2	8.7	-16.0	-25.3	-23.3
7367	ok	0.0	0.3	7.01e-03	11.8	11.8	11.8	11.8	-26.3	-3.8	-7.8	-20.4	-12.6	-12.3
7368	ok	0.0	0.3	4.34e-03	11.8	11.8	11.8	11.8	-5.6	-0.7	-1.8	-41.0	-25.9	-5.4
7369	ok	0.0	0.3	4.01e-03	11.8	11.8	11.8	11.8	-5.5	-0.8	-1.4	-42.6	-29.5	1.4
7370	ok	0.0	0.3	3.97e-03	11.8	11.8	11.8	11.8	40.6	1.6	8.0	-28.4	-1.4	-6.3
7371	ok	0.0	0.6	2.19e-02	11.8	11.8	11.8	11.8	-32.9	-139.7	12.3	28.2	44.7	-45.6
7372	ok	0.0	0.9	5.80e-03	11.8	17.1	12.8	11.8	15.4	-8.8	-0.6	86.3	-22.7	76.2
7373	ok	0.0	1.0	4.82e-03	16.9	33.8	23.5	38.3	28.5	1.9	9.1	198.1	226.1	121.6
7374	ok	0.0	0.3	4.37e-03	11.8	11.8	11.8	11.8	-25.8	2.7	-4.2	25.1	-11.7	-10.7
7375	ok	0.0	0.5	3.12e-03	11.8	11.8	11.8	11.8	-7.2	-2.9	-1.8	-42.7	-52.7	18.6
7379	ok	0.0	0.4	4.95e-03	11.8	11.8	11.8	11.8	-5.9	-0.5	-1.6	-42.6	-18.0	-5.5
7381	ok	0.0	0.3	4.55e-03	11.8	11.8	11.8	11.8	1.7	0.6	1.0	-25.8	-9.5	-15.0
7383	ok	0.0	0.6	4.00e-03	11.8	11.8	11.8	11.8	-2.9	-0.7	-1.1	61.5	17.0	32.2
7385	ok	0.0	0.5	5.70e-03	11.8	11.8	11.8	11.8	81.8	7.1	-23.6	-45.8	-4.9	14.5
7386	ok	0.0	0.4	5.41e-03	11.8	11.8	11.8	11.8	19.5	15.9	-44.3	-17.7	-24.9	20.4
7387	ok	0.0	1.0	4.70e-02	20.2	17.9	41.8	35.8	95.6	133.5	18.1	79.5	-278.8	88.5
7388	ok	0.0	0.8	4.27e-02	11.8	11.8	11.8	11.8	30.6	-259.4	35.6	57.5	104.6	-31.2
7389	ok	0.0	0.7	2.83e-02	11.8	11.8	11.8	11.8	33.6	-153.9	32.7	40.3	65.5	-18.6
7390	ok	0.0	0.5	1.28e-02	11.8	11.8	11.8	11.8	10.7	77.0	-35.8	-12.6	-29.5	26.2
7391	ok	0.0	0.5	3.57e-03	11.8	11.8	11.8	11.8	14.0	-3.1	-30.8	-19.3	-27.1	25.0
7392	ok	0.0	0.5	3.08e-03	11.8	11.8	11.8	11.8	-10.3	6.5	-9.5	-23.6	-26.8	24.0
7393	ok	0.0	0.5	5.32e-03	11.8	11.8	11.8	11.8	87.9	25.5	-51.4	-34.0	-15.1	24.3
7394	ok	0.0	0.8	5.08e-03	11.8	11.8	11.8	11.8	6.1	3.5	4.7	-80.5	-18.7	-35.4
7395	ok	0.0	0.6	2.82e-03	11.8	11.8	11.8	11.8	-6.7	-3.5	-2.1	-39.9	-56.1	18.6
7396	ok	0.0	0.3	8.13e-03	11.8	11.8	11.8	11.8	20.1	7.9	5.0	-9.2	-32.9	-14.3
7397	ok	0.0	0.4	7.74e-03	11.8	11.8	11.8	11.8	24.9	4.4	7.4	-24.2	-30.7	-22.2
7398	ok	0.0	0.4	7.97e-03	11.8	11.8	11.8	11.8	24.2	6.3	6.8	-18.8	-30.2	-19.9
7399	ok	0.0	0.3	6.38e-03	11.8	11.8	11.8	11.8	11.5	-3.0	-0.7	-11.7	-30.2	18.4
7400	ok	0.0	0.3	6.04e-03	11.8	11.8	11.8	11.8	10.7	-4.8	-0.3	-15.9	-30.2	17.8
7401	ok	0.0	0.3	6.50e-03	11.8	11.8	11.8	11.8	-11.7	3.7	2.1	-9.2	-34.5	13.5
7402	ok	0.0	0.3	6.59e-03	11.8	11.8	11.8	11.8	-11.7	4.5	1.9	-6.5	-35.2	11.0
7403	ok	0.0	0.3	7.00e-03	11.8	11.8	11.8	11.8	-11.7	5.5	2.6	-4.7	-36.9	5.3
7404	ok	0.0	0.3	7.52e-03	11.8	11.8	11.8	11.8	14.2	5.7	1.9	-2.5	-33.9	-6.2
7405	ok	0.0	0.3	6.67e-03	11.8	11.8	11.8	11.8	-24.5	-3.4	-8.1	-17.0	-17.0	-11.4
7406	ok	0.0	0.3	7.14e-03	11.8	11.8	11.8	11.8	27.4	2.0	5.7	-20.8	-23.9	-15.8
7407	ok	0.0	0.4	7.48e-03	11.8	11.8	11.8	11.8	26.5	2.9	6.3	-24.1	-26.6	-19.6
7408	ok	0.0	0.4	5.98e-03	11.8	11.8	11.8	11.8	18.5	-9.54e-03	5.2	24.6	-18.6	20.1
7409	ok	0.0	0.2	6.17e-03	11.8	11.8	11.8	11.8	18.5	-0.2	7.9	8.6	-19.5	7.6
7410	ok	0.0	0.6	5.04e-03	11.8	11.8	11.8	11.8	33.5	-1.0	1.3	55.4	46.5	10.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7411	ok	0.0	1.0	3.77e-03	11.8	13.9	22.7	19.6	34.7	1.1	0.9	125.7	191.7	2.2
7412	ok	0.0	0.4	4.32e-03	11.8	11.8	11.8	11.8	36.1	0.9	5.3	34.6	-16.5	-31.3
7413	ok	0.0	0.8	5.26e-03	11.8	11.8	11.8	11.8	-6.3	-5.4	-1.9	42.4	-49.7	-23.2
7414	ok	0.0	0.4	3.92e-03	11.8	11.8	11.8	11.8	42.1	1.6	8.3	-34.9	-3.1	-13.6
7415	ok	0.0	0.4	3.98e-03	11.8	11.8	11.8	11.8	40.4	1.5	7.8	-23.0	-7.5	-21.8
7416	ok	0.0	0.3	3.96e-03	11.8	11.8	11.8	11.8	39.0	1.4	7.3	-8.6	-11.1	-26.9
7417	ok	0.0	0.3	4.12e-03	11.8	11.8	11.8	11.8	37.7	1.3	6.9	10.1	-14.3	-30.7
7419	ok	0.0	0.5	6.71e-03	11.8	11.8	11.8	11.8	-7.2	0.6	-6.4	46.9	10.8	26.4
7423	ok	0.0	0.4	9.93e-03	11.8	11.8	11.8	11.8	-28.6	-39.4	27.7	6.5	49.7	2.5
7425	ok	0.0	0.7	1.32e-03	11.8	11.8	11.8	11.8	111.0	19.3	-40.6	-54.0	-13.2	24.9
7426	ok	0.0	0.5	2.40e-03	11.8	11.8	11.8	11.8	-7.7	-6.2	-3.6	-63.6	-46.7	-10.3
7427	ok	0.0	0.6	3.24e-03	11.8	11.8	11.8	11.8	66.3	27.7	-41.9	-29.4	-24.4	28.8
7428	ok	0.0	0.5	1.41e-03	11.8	11.8	11.8	11.8	13.8	6.1	-11.6	-23.1	-25.6	23.2
7429	ok	0.0	0.4	2.82e-03	11.8	11.8	11.8	11.8	9.6	8.5	-4.9	-21.5	-27.3	22.7
7430	ok	0.0	0.5	1.52e-02	11.8	11.8	11.8	11.8	20.5	69.4	-18.6	-11.2	-36.6	23.3
7431	ok	0.0	0.6	2.86e-02	11.8	11.8	11.8	11.8	21.0	74.4	-25.3	6.5	-52.7	14.7
7432	ok	0.0	0.9	3.78e-02	11.8	11.8	12.4	11.8	18.9	-230.7	30.2	21.7	80.0	-7.2
7433	ok	0.0	0.9	4.75e-02	11.8	11.8	13.2	11.8	37.7	-296.3	53.3	24.0	102.6	1.7
7434	ok	0.0	0.4	3.16e-03	11.8	11.8	11.8	11.8	0.3	-7.3	-4.5	31.2	44.6	6.1
7435	ok	0.0	0.4	4.94e-03	11.8	11.8	11.8	11.8	5.1	-7.3	-0.6	12.2	-51.8	-12.2
7436	ok	0.0	0.4	4.59e-03	11.8	11.8	11.8	11.8	5.5	-7.5	-1.4	12.8	-51.6	-12.8
7437	ok	0.0	0.4	4.30e-03	11.8	11.8	11.8	11.8	5.7	-7.5	-2.1	15.5	-46.1	-14.3
7438	ok	0.0	0.3	4.08e-03	11.8	11.8	11.8	11.8	5.6	-7.4	-2.9	19.9	-34.9	-16.4
7439	ok	0.0	0.3	3.91e-03	11.8	11.8	11.8	11.8	5.0	-7.4	-4.1	24.6	-17.6	-18.4
7440	ok	0.0	0.3	3.79e-03	11.8	11.8	11.8	11.8	-0.9	9.8	3.3	29.5	20.0	-10.1
7441	ok	0.0	0.4	3.46e-03	11.8	11.8	11.8	11.8	0.3	-8.3	-5.0	30.1	34.6	-10.3
7442	ok	0.0	0.2	3.18e-03	11.8	11.8	11.8	11.8	-2.3	10.0	2.5	10.0	20.6	7.6
7443	ok	0.0	0.1	3.23e-03	11.8	11.8	11.8	11.8	0.3	-8.0	-3.2	-14.0	6.0	2.0
7444	ok	0.0	0.2	3.25e-03	11.8	11.8	11.8	11.8	9.08e-02	-8.5	-2.7	-28.1	-3.9	1.1
7445	ok	0.0	0.3	3.26e-03	11.8	11.8	11.8	11.8	-0.2	-8.9	-2.2	-38.9	-10.0	0.9
7446	ok	0.0	0.4	3.22e-03	11.8	11.8	11.8	11.8	3.4	-7.6	-1.3	-49.3	-13.8	1.7
7447	ok	0.0	0.4	4.93e-03	11.8	11.8	11.8	11.8	4.4	-8.1	-0.9	8.6	-51.6	-10.7
7448	ok	0.0	0.4	4.92e-03	11.8	11.8	11.8	11.8	3.9	-9.1	-0.9	1.2	-50.8	-7.3
7449	ok	0.0	0.4	4.88e-03	11.8	11.8	11.8	11.8	0.1	-12.8	-0.5	-8.7	-49.7	-3.4
7450	ok	0.0	0.4	4.88e-03	11.8	11.8	11.8	11.8	-0.1	-13.8	0.2	-18.2	-49.0	7.27e-02
7451	ok	0.0	0.4	4.97e-03	11.8	11.8	11.8	11.8	-0.6	-14.9	1.8	-29.8	-49.1	4.4
7452	ok	0.0	0.4	4.56e-03	11.8	11.8	11.8	11.8	4.8	-8.2	-1.4	6.1	-51.1	-12.3
7453	ok	0.0	0.4	4.51e-03	11.8	11.8	11.8	11.8	0.8	-11.5	-1.2	-3.3	-50.4	-9.5
7454	ok	0.0	0.4	4.45e-03	11.8	11.8	11.8	11.8	0.3	-12.3	-0.8	-13.2	-49.6	-5.7
7455	ok	0.0	0.4	4.53e-03	11.8	11.8	11.8	11.8	-1.38e-02	-13.0	-9.44e-02	-22.4	-49.0	-1.7
7456	ok	0.0	0.4	4.59e-03	11.8	11.8	11.8	11.8	-0.6	-13.8	1.4	-33.3	-48.8	3.8
7457	ok	0.0	0.4	4.25e-03	11.8	11.8	11.8	11.8	5.0	-8.0	-2.0	5.3	-45.7	-14.3
7458	ok	0.0	0.4	4.18e-03	11.8	11.8	11.8	11.8	0.9	-11.1	-1.7	-6.3	-45.4	-11.6
7459	ok	0.0	0.4	4.19e-03	11.8	11.8	11.8	11.8	0.4	-11.7	-1.2	-17.1	-45.4	-7.6
7460	ok	0.0	0.4	4.24e-03	11.8	11.8	11.8	11.8	6.68e-03	-12.2	-0.5	-26.5	-45.5	-3.3
7461	ok	0.0	0.4	4.27e-03	11.8	11.8	11.8	11.8	-0.7	-12.8	0.9	-36.9	-45.7	3.1
7462	ok	0.0	0.3	3.99e-03	11.8	11.8	11.8	11.8	4.9	-7.7	-2.6	5.4	-35.3	-16.3
7463	ok	0.0	0.3	3.91e-03	11.8	11.8	11.8	11.8	4.5	-8.2	-2.1	-8.5	-36.6	-13.1
7464	ok	0.0	0.3	3.95e-03	11.8	11.8	11.8	11.8	0.4	-11.0	-1.6	-20.7	-38.0	-8.8
7465	ok	0.0	0.3	3.98e-03	11.8	11.8	11.8	11.8	-3.84e-02	-11.5	-0.9	-30.4	-39.2	-4.2
7466	ok	0.0	0.3	4.00e-03	11.8	11.8	11.8	11.8	-0.7	-12.0	0.4	-40.5	-40.2	2.4
7467	ok	0.0	0.2	3.76e-03	11.8	11.8	11.8	11.8	4.6	-7.5	-3.4	5.5	-20.4	-17.2
7468	ok	0.0	0.3	3.70e-03	11.8	11.8	11.8	11.8	4.3	-7.7	-2.4	-10.9	-24.7	-13.2
7469	ok	0.0	0.3	3.73e-03	11.8	11.8	11.8	11.8	0.2	-10.3	-1.9	-24.0	-28.3	-8.7
7470	ok	0.0	0.3	3.75e-03	11.8	11.8	11.8	11.8	-0.1	-10.7	-1.2	-34.0	-31.2	-4.3
7471	ok	0.0	0.4	3.76e-03	11.8	11.8	11.8	11.8	-0.8	-11.2	-7.75e-02	-43.9	-33.2	2.1
7472	ok	0.0	0.2	3.60e-03	11.8	11.8	11.8	11.8	11.6	-16.0	-7.9	6.2	-7.6	-13.4
7473	ok	0.0	0.2	3.52e-03	11.8	11.8	11.8	11.8	4.2	-7.1	-2.6	-13.2	-11.5	-10.8
7474	ok	0.0	0.2	3.53e-03	11.8	11.8	11.8	11.8	4.0	-7.7	-2.1	-26.7	-18.3	-7.0
7475	ok	0.0	0.3	3.54e-03	11.8	11.8	11.8	11.8	3.8	-8.1	-1.5	-36.8	-22.9	-3.4
7476	ok	0.0	0.4	3.56e-03	11.8	11.8	11.8	11.8	-0.8	-10.5	-0.5	-46.8	-25.8	1.9
7477	ok	0.0	0.2	3.35e-03	11.8	11.8	11.8	11.8	11.1	5.5	1.4	9.7	17.5	-5.1
7478	ok	0.0	0.1	3.39e-03	11.8	11.8	11.8	11.8	-8.1	-14.7	-6.3	-12.8	-5.5	-3.8
7479	ok	0.0	0.2	3.39e-03	11.8	11.8	11.8	11.8	4.0	-7.1	-2.3	-28.3	-9.5	-3.5
7480	ok	0.0	0.3	3.36e-03	11.8	11.8	11.8	11.8	3.8	-7.6	-1.7	-38.6	-15.5	-1.5
7481	ok	0.0	0.4	3.37e-03	11.8	11.8	11.8	11.8	-0.7	-9.8	-1.0	-48.4	-19.3	1.9
7482	ok	0.0	0.7	3.80e-03	11.8	11.8	11.8	11.8	-0.2	-12.8	-4.0	53.8	79.3	8.5
7483	ok	0.0	0.4	4.95e-03	11.8	11.8	11.8	11.8	5.7	-6.8	-0.4	12.3	-51.4	-11.5
7484	ok	0.0	0.4	4.61e-03	11.8	11.8	11.8	11.8	6.1	-7.0	-1.3	15.4	-51.6	-11.2
7485	ok	0.0	0.4	4.33e-03	11.8	11.8	11.8	11.8	6.2	-7.2	-2.1	21.0	-46.5	-12.1
7486	ok	0.0	0.3	4.12e-03	11.8	11.8	11.8	11.8	6.1	-7.2	-2.9	29.1	-35.3	-14.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7487	ok	0.0	0.4	3.99e-03	11.8	11.8	11.8	11.8	5.8	-7.3	-3.9	39.8	-16.4	-17.1
7488	ok	0.0	0.5	4.16e-03	11.8	11.8	11.8	11.8	2.1	8.0	4.6	47.1	30.4	-13.4
7489	ok	0.0	0.6	4.10e-03	11.8	11.8	11.8	11.8	-0.7	-12.4	-7.4	55.9	61.8	-13.3
7490	ok	0.0	0.4	5.22e-03	11.8	11.8	11.8	11.8	7.2	-5.7	1.3	1.4	-43.1	-6.3
7491	ok	0.0	1.0	3.38e-03	15.5	41.6	39.0	54.0	-7.4	-0.1	1.6	284.7	418.5	-95.8
7492	ok	0.0	0.4	5.29e-03	11.8	11.8	11.8	11.8	6.0	-6.0	1.1	6.9	-44.5	-10.6
7493	ok	0.0	0.4	4.92e-03	11.8	11.8	11.8	11.8	7.5	-5.8	3.71e-02	7.4	-49.0	-3.9
7494	ok	0.0	0.4	4.63e-03	11.8	11.8	11.8	11.8	7.6	-5.9	-1.0	15.1	-50.0	-1.7
7495	ok	0.0	0.4	4.38e-03	11.8	11.8	11.8	11.8	4.5	-9.0	-2.1	25.5	-45.6	0.2
7496	ok	0.0	0.3	4.18e-03	11.8	11.8	11.8	11.8	4.4	-9.1	-2.9	39.8	-34.9	1.7
7497	ok	0.0	0.5	4.03e-03	11.8	11.8	11.8	11.8	7.2	-6.3	-3.3	59.7	-16.4	2.7
7498	ok	0.0	0.8	4.21e-03	11.8	11.8	11.8	11.8	-1.3	-10.0	-4.7	98.2	11.7	6.6
7499	ok	0.0	1.0	4.89e-03	11.8	18.8	16.7	22.2	5.4	-14.3	7.1	131.5	176.6	46.9
7500	ok	0.0	1.0	4.92e-03	11.8	19.1	11.8	20.6	-1.7	15.9	5.4	137.2	148.9	54.8
7501	ok	0.0	0.4	4.95e-03	11.8	11.8	11.8	11.8	6.5	-6.3	-0.1	10.7	-50.4	-8.6
7502	ok	0.0	0.4	4.62e-03	11.8	11.8	11.8	11.8	6.8	-6.5	-1.1	16.6	-51.2	-7.4
7503	ok	0.0	0.4	4.36e-03	11.8	11.8	11.8	11.8	6.9	-6.7	-2.0	25.2	-46.5	-7.0
7504	ok	0.0	0.3	4.16e-03	11.8	11.8	11.8	11.8	6.8	-6.8	-2.8	37.2	-35.8	-7.7
7505	ok	0.0	0.5	4.04e-03	11.8	11.8	11.8	11.8	6.3	-7.1	-3.8	53.8	-17.0	-9.4
7506	ok	0.0	0.8	4.31e-03	11.8	11.8	11.8	11.8	3.4	7.9	3.4	83.3	48.1	-5.6
7507	ok	0.0	1.0	4.36e-03	11.8	15.3	11.8	13.0	-1.8	-8.5	-10.9	136.0	114.9	-18.8
7508	ok	0.0	0.4	5.51e-03	11.8	11.8	11.8	11.8	9.4	-5.9	-0.4	-16.4	-36.6	16.1
7509	ok	0.0	0.3	5.28e-03	11.8	11.8	11.8	11.8	8.3	-7.2	0.3	-14.6	-38.0	12.2
7510	ok	0.0	0.3	5.20e-03	11.8	11.8	11.8	11.8	7.0	-8.1	0.9	-10.5	-39.8	6.6
7511	ok	0.0	0.3	5.20e-03	11.8	11.8	11.8	11.8	5.5	-8.6	1.0	-5.2	-41.6	0.2
7512	ok	0.0	0.2	3.81e-03	11.8	11.8	11.8	11.8	6.0	-4.0	-4.8	-15.4	17.5	5.4
7513	ok	0.0	0.4	5.23e-03	11.8	11.8	11.8	11.8	8.8	-5.3	-1.4	-14.4	-41.8	17.2
7514	ok	0.0	0.4	4.94e-03	11.8	11.8	11.8	11.8	8.1	-4.9	-2.2	-12.8	-42.5	18.8
7515	ok	0.0	0.4	4.72e-03	11.8	11.8	11.8	11.8	7.6	-4.6	-3.1	-11.7	-38.5	20.6
7516	ok	0.0	0.4	4.50e-03	11.8	11.8	11.8	11.8	10.1	-1.6	-3.2	-11.0	-29.9	22.3
7517	ok	0.0	0.3	4.40e-03	11.8	11.8	11.8	11.8	9.8	-1.7	-3.8	-11.2	-17.3	23.0
7518	ok	0.0	0.2	4.16e-03	11.8	11.8	11.8	11.8	9.7	-1.8	-4.3	-12.6	-2.5	21.0
7519	ok	0.0	0.2	3.98e-03	11.8	11.8	11.8	11.8	6.5	-4.1	-4.8	-14.6	11.5	14.7
7520	ok	0.0	0.3	3.75e-03	11.8	11.8	11.8	11.8	9.0	-2.3	-4.1	7.3	36.0	5.4
7521	ok	0.0	0.6	4.02e-03	11.8	11.8	11.8	11.8	9.0	-2.9	-4.7	37.7	73.8	4.4
7522	ok	0.0	1.0	4.39e-03	11.8	18.7	11.8	18.5	9.4	-24.3	-12.1	110.8	107.0	47.2
7523	ok	0.0	0.4	5.03e-03	11.8	11.8	11.8	11.8	7.9	-6.7	-1.1	-10.1	-43.1	14.1
7524	ok	0.0	0.4	4.96e-03	11.8	11.8	11.8	11.8	6.8	-7.7	-0.6	-4.5	-45.0	9.1
7525	ok	0.0	0.4	4.93e-03	11.8	11.8	11.8	11.8	5.6	-8.3	-0.1	1.9	-47.2	2.8
7526	ok	0.0	0.4	4.80e-03	11.8	11.8	11.8	11.8	7.4	-6.2	-2.0	-5.7	-43.8	16.6
7527	ok	0.0	0.4	4.70e-03	11.8	11.8	11.8	11.8	6.5	-7.2	-1.5	2.6	-45.9	12.1
7528	ok	0.0	0.4	4.65e-03	11.8	11.8	11.8	11.8	5.5	-8.2	-1.2	10.1	-48.1	5.6
7529	ok	0.0	0.4	4.60e-03	11.8	11.8	11.8	11.8	6.9	-5.9	-2.8	-1.3	-39.5	19.6
7530	ok	0.0	0.4	4.49e-03	11.8	11.8	11.8	11.8	6.1	-6.9	-2.3	10.4	-41.4	15.7
7531	ok	0.0	0.4	4.42e-03	11.8	11.8	11.8	11.8	5.3	-8.0	-2.1	20.1	-43.8	8.7
7532	ok	0.0	0.3	4.40e-03	11.8	11.8	11.8	11.8	6.4	-5.4	-3.4	3.4	-29.3	23.0
7533	ok	0.0	0.3	4.29e-03	11.8	11.8	11.8	11.8	5.8	-6.6	-3.0	19.3	-30.8	19.9
7534	ok	0.0	0.3	4.22e-03	11.8	11.8	11.8	11.8	5.1	-8.0	-2.8	33.1	-33.4	12.3
7535	ok	0.0	0.3	4.25e-03	11.8	11.8	11.8	11.8	9.1	-2.3	-3.7	6.8	-13.8	25.5
7536	ok	0.0	0.3	4.07e-03	11.8	11.8	11.8	11.8	8.6	-3.5	-3.3	29.5	-13.0	24.3
7537	ok	0.0	0.4	4.03e-03	11.8	11.8	11.8	11.8	8.2	-5.0	-3.2	50.1	-15.1	16.1
7538	ok	0.0	0.3	4.10e-03	11.8	11.8	11.8	11.8	6.3	-5.1	-4.6	7.9	7.9	25.0
7539	ok	0.0	0.5	3.98e-03	11.8	11.8	11.8	11.8	5.9	9.9	7.6	31.6	28.7	22.7
7540	ok	0.0	0.8	4.06e-03	11.8	11.8	11.8	11.8	7.9	10.4	6.4	75.5	48.0	19.7
7541	ok	0.0	0.3	3.91e-03	11.8	11.8	11.8	11.8	9.5	-2.4	-4.2	7.5	27.0	18.1
7542	ok	0.0	0.6	4.24e-03	11.8	11.8	11.8	11.8	6.4	-9.3	-5.3	41.5	60.0	21.8
7543	ok	0.0	1.0	4.48e-03	11.8	15.8	11.8	14.2	1.9	-7.3	3.4	104.6	81.3	22.5
7544	ok	0.0	0.4	6.01e-03	11.8	11.8	11.8	11.8	10.9	-2.7	-1.3	-13.8	-36.3	17.5
7545	ok	0.0	0.3	4.02e-03	11.8	11.8	11.8	11.8	9.1	-0.9	-4.2	-37.8	-1.7	4.7
7546	ok	0.0	0.4	5.74e-03	11.8	11.8	11.8	11.8	10.2	-4.4	-0.9	-15.9	-36.1	17.8
7547	ok	0.0	0.4	5.65e-03	11.8	11.8	11.8	11.8	10.0	-2.5	-2.0	-17.3	-41.5	16.8
7548	ok	0.0	0.4	5.33e-03	11.8	11.8	11.8	11.8	12.1	0.5	-1.8	-20.9	-42.1	16.8
7549	ok	0.0	0.4	5.05e-03	11.8	11.8	11.8	11.8	11.5	0.3	-2.3	-24.1	-38.8	17.4
7550	ok	0.0	0.4	4.80e-03	11.8	11.8	11.8	11.8	10.9	5.98e-02	-2.9	-27.4	-32.0	17.7
7551	ok	0.0	0.4	4.55e-03	11.8	11.8	11.8	11.8	10.5	-0.2	-3.4	-30.7	-23.1	17.0
7552	ok	0.0	0.4	4.35e-03	11.8	11.8	11.8	11.8	10.1	-0.5	-3.8	-34.0	-13.7	14.6
7553	ok	0.0	0.3	4.18e-03	11.8	11.8	11.8	11.8	9.7	-0.7	-4.0	-36.6	-6.0	10.3
7554	ok	0.0	0.2	3.93e-03	11.8	11.8	11.8	11.8	6.0	-3.5	-5.0	-28.3	6.5	5.2
7555	ok	0.0	0.4	5.40e-03	11.8	11.8	11.8	11.8	9.4	-4.0	-1.8	-16.4	-41.4	17.9
7556	ok	0.0	0.4	5.19e-03	11.8	11.8	11.8	11.8	8.7	-3.7	-2.5	-17.4	-42.0	18.7
7557	ok	0.0	0.4	4.93e-03	11.8	11.8	11.8	11.8	11.0	-0.7	-2.4	-18.6	-38.4	19.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7558	ok	0.0	0.4	4.70e-03	11.8	11.8	11.8	11.8	10.5	-0.7	-3.0	-20.2	-30.7	20.5
7559	ok	0.0	0.3	4.44e-03	11.8	11.8	11.8	11.8	10.1	-0.9	-3.5	-22.3	-20.1	20.3
7560	ok	0.0	0.3	4.26e-03	11.8	11.8	11.8	11.8	9.8	-1.1	-3.9	-24.8	-8.4	17.8
7561	ok	0.0	0.3	4.09e-03	11.8	11.8	11.8	11.8	6.6	-3.6	-4.9	-27.3	1.7	12.4
7562	ok	0.0	0.4	6.14e-03	11.8	11.8	11.8	11.8	14.3	2.2	-0.4	-11.7	-36.8	15.5
7563	ok	0.0	0.4	4.09e-03	11.8	11.8	11.8	11.8	9.2	-0.5	-4.1	-43.7	-7.1	4.2
7564	ok	0.0	0.4	5.79e-03	11.8	11.8	11.8	11.8	13.3	1.8	-1.0	-17.7	-41.7	14.5
7565	ok	0.0	0.4	5.45e-03	11.8	11.8	11.8	11.8	12.5	1.5	-1.6	-23.0	-42.3	14.4
7566	ok	0.0	0.4	5.16e-03	11.8	11.8	11.8	11.8	11.8	1.1	-2.1	-27.7	-39.2	14.7
7567	ok	0.0	0.4	4.91e-03	11.8	11.8	11.8	11.8	11.3	0.7	-2.7	-32.1	-33.1	14.7
7568	ok	0.0	0.4	4.66e-03	11.8	11.8	11.8	11.8	10.8	0.3	-3.1	-36.1	-25.3	14.0
7569	ok	0.0	0.4	4.42e-03	11.8	11.8	11.8	11.8	10.3	-1.10e-02	-3.6	-39.7	-17.3	12.0
7570	ok	0.0	0.4	4.25e-03	11.8	11.8	11.8	11.8	9.8	-0.3	-3.9	-42.4	-10.8	8.5
7571	ok	0.0	0.3	6.32e-03	11.8	11.8	11.8	11.8	14.7	3.8	-9.70e-02	-9.3	-37.7	11.8
7572	ok	0.0	0.4	4.17e-03	11.8	11.8	11.8	11.8	9.4	-0.2	-4.0	-48.2	-11.3	3.6
7573	ok	0.0	0.4	5.95e-03	11.8	11.8	11.8	11.8	13.7	3.1	-0.7	-17.7	-42.1	10.9
7574	ok	0.0	0.4	5.60e-03	11.8	11.8	11.8	11.8	12.9	2.5	-1.2	-24.6	-42.4	10.9
7575	ok	0.0	0.4	5.29e-03	11.8	11.8	11.8	11.8	12.2	1.9	-1.8	-30.5	-39.5	11.2
7576	ok	0.0	0.4	5.01e-03	11.8	11.8	11.8	11.8	11.6	1.4	-2.3	-35.7	-34.0	11.3
7577	ok	0.0	0.4	4.79e-03	11.8	11.8	11.8	11.8	11.1	0.9	-2.9	-40.3	-27.1	10.7
7578	ok	0.0	0.4	4.52e-03	11.8	11.8	11.8	11.8	10.6	0.5	-3.3	-44.2	-20.2	9.2
7579	ok	0.0	0.4	4.32e-03	11.8	11.8	11.8	11.8	10.1	0.1	-3.7	-46.9	-14.6	6.8
7580	ok	0.0	0.3	6.58e-03	11.8	11.8	11.8	11.8	-10.7	4.9	2.5	-9.5	-36.7	5.1
7581	ok	0.0	0.3	6.67e-03	11.8	11.8	11.8	11.8	18.0	6.8	4.2	-15.0	-35.8	-11.6
7582	ok	0.0	0.3	6.84e-03	11.8	11.8	11.8	11.8	16.3	7.1	2.5	-10.0	-37.5	-4.6
7583	ok	0.0	0.4	7.09e-03	11.8	11.8	11.8	11.8	22.2	4.1	4.9	-22.2	-32.4	-17.6
7584	ok	0.0	0.4	6.50e-03	11.8	11.8	11.8	11.8	19.6	5.7	5.2	-20.0	-34.2	-16.1
7585	ok	0.0	0.3	6.24e-03	11.8	11.8	11.8	11.8	27.0	1.5	4.9	-9.9	-26.1	-9.5
7586	ok	0.0	0.3	6.61e-03	11.8	11.8	11.8	11.8	26.1	2.2	5.1	-18.2	-28.2	-14.4
7587	ok	0.0	0.4	6.85e-03	11.8	11.8	11.8	11.8	25.0	3.4	5.5	-23.2	-30.2	-17.8
7588	ok	0.0	0.4	5.41e-03	11.8	11.8	11.8	11.8	19.0	-2.0	8.4	26.9	-31.0	12.0
7589	ok	0.0	0.2	5.76e-03	11.8	11.8	11.8	11.8	18.1	-0.7	7.4	11.4	-23.8	5.5
7590	ok	0.0	0.6	4.67e-03	11.8	11.8	11.8	11.8	-8.9	-5.7	0.7	27.2	-65.5	12.2
7591	ok	0.0	0.6	5.09e-03	11.8	11.8	11.8	11.8	52.9	5.2	4.0	70.0	30.2	2.4
7592	ok	0.0	0.4	4.00e-03	11.8	11.8	11.8	11.8	34.0	1.7	5.8	30.3	-19.8	-24.5
7593	ok	0.0	0.6	4.27e-03	11.8	11.8	11.8	11.8	-9.7	-4.4	-3.2	34.8	-57.5	-17.9
7594	ok	0.0	0.5	3.87e-03	11.8	11.8	11.8	11.8	41.0	1.2	6.8	-28.9	-12.1	-29.3
7595	ok	0.0	0.4	3.72e-03	11.8	11.8	11.8	11.8	39.0	1.3	6.6	-19.6	-14.4	-29.0
7596	ok	0.0	0.4	3.76e-03	11.8	11.8	11.8	11.8	37.4	1.2	6.3	-7.7	-16.2	-28.2
7597	ok	0.0	0.3	3.87e-03	11.8	11.8	11.8	11.8	35.9	1.1	6.0	9.5	-18.2	-26.8
7598	ok	0.0	0.5	4.10e-03	11.8	11.8	11.8	11.8	45.4	1.2	7.4	-37.6	-8.4	-23.1
7599	ok	0.0	0.5	3.76e-03	11.8	11.8	11.8	11.8	66.9	2.3	6.4	-43.9	-1.7	-12.0
7600	ok	0.0	0.4	5.09e-03	11.8	11.8	11.8	11.8	51.8	1.2	8.1	-39.8	-5.5	-18.9
7601	ok	0.0	0.4	4.51e-03	11.8	11.8	11.8	11.8	60.8	-0.3	0.5	-36.1	0.7	-3.3
7602	ok	0.0	0.4	5.21e-03	11.8	11.8	11.8	11.8	72.6	1.2	-1.8	-36.5	0.7	1.1
7603	ok	0.0	0.5	2.68e-03	11.8	11.8	11.8	11.8	-6.2	-4.1	-2.4	-35.8	-57.9	16.8
7604	ok	0.0	0.5	3.09e-03	11.8	11.8	11.8	11.8	92.8	5.1	-14.0	-44.6	-3.4	10.7
7605	ok	0.0	0.6	2.82e-03	11.8	11.8	11.8	11.8	67.3	21.9	-25.6	-36.7	-20.8	28.3
7606	ok	0.0	0.6	3.07e-03	11.8	11.8	11.8	11.8	78.1	10.7	-28.0	-41.9	-12.4	26.2
7607	ok	0.0	0.5	1.70e-03	11.8	11.8	11.8	11.8	49.3	22.9	-25.6	-31.0	-23.7	27.3
7608	ok	0.0	0.5	1.28e-03	11.8	11.8	11.8	11.8	31.2	25.2	-19.2	-25.0	-22.5	25.4
7609	ok	0.0	0.4	4.23e-03	11.8	11.8	11.8	11.8	9.7	0.3	-3.8	-51.6	-14.9	2.9
7610	ok	0.0	0.4	6.17e-03	11.8	11.8	11.8	11.8	14.3	4.6	0.1	-18.0	-42.2	4.6
7611	ok	0.0	0.4	5.76e-03	11.8	11.8	11.8	11.8	13.5	3.6	-0.5	-26.2	-42.3	5.2
7612	ok	0.0	0.4	5.41e-03	11.8	11.8	11.8	11.8	12.8	2.8	-1.2	-33.0	-39.5	5.8
7613	ok	0.0	0.4	5.10e-03	11.8	11.8	11.8	11.8	12.2	2.1	-1.8	-38.9	-34.7	6.3
7614	ok	0.0	0.4	4.87e-03	11.8	11.8	11.8	11.8	11.6	1.5	-2.4	-43.8	-28.6	6.2
7615	ok	0.0	0.4	4.66e-03	11.8	11.8	11.8	11.8	11.0	1.0	-2.9	-47.8	-22.6	5.6
7616	ok	0.0	0.4	4.38e-03	11.8	11.8	11.8	11.8	10.4	0.6	-3.4	-50.4	-17.7	4.5
7617	ok	0.0	0.4	4.28e-03	11.8	11.8	11.8	11.8	10.7	0.9	-3.2	-49.7	-14.6	2.2
7618	ok	0.0	0.4	6.19e-03	11.8	11.8	11.8	11.8	16.3	5.6	2.6	-22.1	-39.3	-9.3
7619	ok	0.0	0.4	5.77e-03	11.8	11.8	11.8	11.8	15.2	4.6	1.5	-28.4	-39.6	-7.4
7620	ok	0.0	0.4	5.40e-03	11.8	11.8	11.8	11.8	14.3	3.8	0.5	-34.0	-37.2	-5.9
7621	ok	0.0	0.4	5.10e-03	11.8	11.8	11.8	11.8	13.6	3.0	-0.3	-39.1	-32.7	-4.6
7622	ok	0.0	0.4	4.85e-03	11.8	11.8	11.8	11.8	12.9	2.3	-1.1	-43.5	-27.1	-3.2
7623	ok	0.0	0.4	4.64e-03	11.8	11.8	11.8	11.8	12.3	1.7	-1.8	-46.9	-21.3	-1.5
7624	ok	0.0	0.4	4.46e-03	11.8	11.8	11.8	11.8	11.6	1.3	-2.5	-49.1	-16.8	0.3
7625	ok	0.0	0.4	4.25e-03	11.8	11.8	11.8	11.8	10.2	0.6	-3.5	-52.2	-16.1	2.4
7626	ok	0.0	0.3	6.33e-03	11.8	11.8	11.8	11.8	15.1	5.6	1.4	-19.7	-41.2	-2.9
7627	ok	0.0	0.3	5.84e-03	11.8	11.8	11.8	11.8	14.2	4.4	0.5	-27.7	-41.4	-1.5
7628	ok	0.0	0.3	5.46e-03	11.8	11.8	11.8	11.8	13.5	3.5	-0.4	-34.4	-38.8	-0.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7629	ok	0.0	0.3	5.14e-03	11.8	11.8	11.8	11.8	12.8	2.7	-1.1	-40.2	-34.3	0.7
7630	ok	0.0	0.4	4.89e-03	11.8	11.8	11.8	11.8	12.2	2.0	-1.8	-45.0	-28.7	1.4
7631	ok	0.0	0.4	4.67e-03	11.8	11.8	11.8	11.8	11.6	1.5	-2.4	-48.8	-23.1	1.9
7632	ok	0.0	0.4	4.47e-03	11.8	11.8	11.8	11.8	10.9	1.0	-3.0	-51.2	-18.6	2.3
7633	ok	0.0	0.3	4.04e-03	11.8	11.8	11.8	11.8	12.3	1.1	-2.6	-34.7	-1.9	3.1
7634	ok	0.0	0.4	5.54e-03	11.8	11.8	11.8	11.8	19.2	4.0	4.2	-23.0	-34.8	-15.4
7635	ok	0.0	0.4	5.15e-03	11.8	11.8	11.8	11.8	17.6	3.7	2.9	-24.1	-35.4	-14.5
7636	ok	0.0	0.4	4.89e-03	11.8	11.8	11.8	11.8	16.4	3.3	1.9	-25.8	-32.6	-13.8
7637	ok	0.0	0.3	4.70e-03	11.8	11.8	11.8	11.8	15.4	2.8	0.9	-28.0	-27.0	-13.0
7638	ok	0.0	0.3	4.52e-03	11.8	11.8	11.8	11.8	14.6	2.3	9.94e-02	-30.5	-19.3	-11.3
7639	ok	0.0	0.3	4.33e-03	11.8	11.8	11.8	11.8	13.9	1.8	-0.7	-32.9	-11.0	-8.1
7640	ok	0.0	0.3	4.16e-03	11.8	11.8	11.8	11.8	13.2	1.4	-1.7	-34.6	-4.4	-3.1
7641	ok	0.0	0.4	4.23e-03	11.8	11.8	11.8	11.8	11.5	1.0	-2.9	-44.0	-10.0	2.5
7642	ok	0.0	0.4	5.87e-03	11.8	11.8	11.8	11.8	17.7	5.0	3.6	-23.6	-36.9	-13.6
7643	ok	0.0	0.4	5.46e-03	11.8	11.8	11.8	11.8	16.4	4.3	2.3	-27.5	-37.5	-11.9
7644	ok	0.0	0.4	5.22e-03	11.8	11.8	11.8	11.8	15.3	3.7	1.3	-31.4	-35.0	-10.6
7645	ok	0.0	0.4	4.97e-03	11.8	11.8	11.8	11.8	14.5	3.0	0.4	-35.2	-30.2	-9.2
7646	ok	0.0	0.4	4.75e-03	11.8	11.8	11.8	11.8	13.7	2.4	-0.5	-38.8	-23.8	-7.5
7647	ok	0.0	0.4	4.55e-03	11.8	11.8	11.8	11.8	13.0	1.9	-1.3	-41.8	-17.3	-4.9
7648	ok	0.0	0.4	4.38e-03	11.8	11.8	11.8	11.8	12.3	1.4	-2.1	-43.7	-12.2	-1.4
7649	ok	0.0	0.4	4.14e-03	11.8	11.8	11.8	11.8	9.7	-0.8	7.6	19.4	44.8	13.8
7650	ok	0.0	0.3	5.15e-03	11.8	11.8	11.8	11.8	21.9	1.6	4.1	-3.8	-31.0	-8.8
7651	ok	0.0	0.3	4.59e-03	11.8	11.8	11.8	11.8	17.5	0.6	2.5	2.2	-32.6	-10.3
7652	ok	0.0	0.3	4.37e-03	11.8	11.8	11.8	11.8	16.1	0.4	1.4	7.7	-29.6	-13.0
7653	ok	0.0	0.2	4.19e-03	11.8	11.8	11.8	11.8	14.7	0.3	0.5	13.2	-20.8	-16.1
7654	ok	0.0	0.2	4.19e-03	11.8	11.8	11.8	11.8	13.9	-3.35e-03	-0.4	18.1	-5.7	-18.5
7655	ok	0.0	0.3	4.40e-03	11.8	11.8	11.8	11.8	7.4	-2.4	0.6	24.5	21.5	-12.7
7656	ok	0.0	0.4	4.26e-03	11.8	11.8	11.8	11.8	24.7	12.9	10.8	34.7	40.4	-7.7
7657	ok	0.0	0.2	3.48e-03	11.8	11.8	11.8	11.8	10.7	-0.4	-3.0	-4.6	25.5	5.1
7658	ok	0.0	0.2	3.64e-03	11.8	11.8	11.8	11.8	9.7	-0.4	-3.3	-22.0	9.7	4.1
7659	ok	0.0	0.3	5.34e-03	11.8	11.8	11.8	11.8	21.0	2.4	4.2	-12.8	-32.0	-12.9
7660	ok	0.0	0.4	5.41e-03	11.8	11.8	11.8	11.8	20.1	3.1	4.2	-19.1	-33.3	-15.2
7661	ok	0.0	0.3	4.78e-03	11.8	11.8	11.8	11.8	19.5	2.4	3.2	-9.5	-32.9	-13.7
7662	ok	0.0	0.4	4.94e-03	11.8	11.8	11.8	11.8	18.6	3.0	3.1	-18.1	-33.8	-15.0
7663	ok	0.0	0.3	4.45e-03	11.8	11.8	11.8	11.8	18.1	2.3	2.3	-6.6	-29.7	-15.1
7664	ok	0.0	0.3	4.64e-03	11.8	11.8	11.8	11.8	17.3	2.8	2.2	-17.7	-30.8	-15.4
7665	ok	0.0	0.3	4.24e-03	11.8	11.8	11.8	11.8	16.9	2.2	1.5	-4.4	-21.9	-16.6
7666	ok	0.0	0.3	4.40e-03	11.8	11.8	11.8	11.8	16.2	2.6	1.3	-17.9	-24.2	-15.4
7667	ok	0.0	0.2	4.04e-03	11.8	11.8	11.8	11.8	15.0	4.0	-11.4	-8.2	-11.6	-11.5
7668	ok	0.0	0.3	4.21e-03	11.8	11.8	11.8	11.8	15.3	2.2	0.5	-19.0	-14.5	-14.5
7669	ok	0.0	0.2	3.94e-03	11.8	11.8	11.8	11.8	27.8	14.8	15.4	7.3	9.2	-10.5
7670	ok	0.0	0.2	4.01e-03	11.8	11.8	11.8	11.8	14.8	1.7	-0.3	-20.7	-3.4	-11.2
7671	ok	0.0	0.2	3.67e-03	11.8	11.8	11.8	11.8	15.4	1.2	-1.0	-4.7	20.1	-7.0
7672	ok	0.0	0.2	3.78e-03	11.8	11.8	11.8	11.8	14.3	1.3	-1.3	-22.3	6.1	-4.8
7673	ok	0.0	1.0	4.07e-03	13.1	40.2	22.2	44.8	-12.1	-25.5	7.4	294.4	371.6	-61.4
7674	ok	0.0	0.4	4.74e-03	11.8	11.8	11.8	11.8	23.1	-2.2	3.7	32.8	-33.1	5.7
7675	ok	0.0	0.3	4.12e-03	11.8	11.8	11.8	11.8	23.0	-0.4	3.2	32.3	-34.3	2.7
7676	ok	0.0	0.3	3.84e-03	11.8	11.8	11.8	11.8	18.8	-1.1	1.6	38.0	-31.6	1.1
7677	ok	0.0	0.4	3.70e-03	11.8	11.8	11.8	11.8	17.0	-1.0	0.6	48.0	-22.3	0.6
7678	ok	0.0	0.6	3.66e-03	11.8	11.8	11.8	11.8	15.0	-1.0	2.99e-02	65.0	-4.3	0.7
7679	ok	0.0	0.9	3.99e-03	11.8	11.8	11.8	11.8	0.5	-16.5	0.7	89.7	36.4	4.6
7680	ok	0.0	1.0	4.26e-03	11.8	18.0	15.6	21.2	-2.9	-23.9	-6.9	158.3	193.8	-22.2
7681	ok	0.0	1.0	4.32e-03	11.8	13.2	11.8	13.8	19.4	14.5	12.4	107.6	90.8	25.4
7682	ok	0.0	0.3	4.84e-03	11.8	11.8	11.8	11.8	20.3	-0.2	3.7	11.9	-30.1	-1.5
7683	ok	0.0	0.3	4.39e-03	11.8	11.8	11.8	11.8	18.8	-0.3	2.7	18.6	-33.4	-3.5
7684	ok	0.0	0.3	4.17e-03	11.8	11.8	11.8	11.8	17.4	-0.4	1.6	26.0	-31.0	-6.6
7685	ok	0.0	0.3	4.04e-03	11.8	11.8	11.8	11.8	15.9	-0.4	0.6	35.8	-21.9	-9.9
7686	ok	0.0	0.4	4.13e-03	11.8	11.8	11.8	11.8	14.5	-0.5	-6.06e-02	48.8	-4.6	-13.5
7687	ok	0.0	0.7	4.43e-03	11.8	11.8	11.8	11.8	1.5	-15.9	1.9	67.0	50.6	-16.3
7688	ok	0.0	1.0	4.44e-03	11.8	12.4	11.8	13.2	12.5	3.0	1.0	93.4	101.9	-33.3
7689	ok	0.0	1.0	4.17e-03	11.8	17.1	11.8	17.7	7.1	2.6	-1.5	108.4	147.7	6.7
7690	ok	0.0	0.4	4.29e-03	11.8	11.8	11.8	11.8	28.2	-1.0	4.1	47.9	-32.9	5.3
7691	ok	0.0	0.3	3.76e-03	11.8	11.8	11.8	11.8	23.6	-0.8	2.7	37.6	-34.6	3.9
7692	ok	0.0	0.3	3.48e-03	11.8	11.8	11.8	11.8	21.9	-0.4	1.9	39.2	-30.8	4.9
7693	ok	0.0	0.4	3.32e-03	11.8	11.8	11.8	11.8	19.9	-0.2	1.3	45.8	-20.6	7.6
7694	ok	0.0	0.5	3.18e-03	11.8	11.8	11.8	11.8	17.2	-2.68e-03	1.0	57.8	-2.5	11.9
7695	ok	0.0	0.8	3.22e-03	11.8	11.8	11.8	11.8	-2.7	-18.0	2.9	85.9	58.7	15.0
7696	ok	0.0	1.0	3.20e-03	11.8	16.9	11.8	14.7	-1.6	-16.5	8.56e-02	96.5	91.1	33.3
7697	ok	0.0	0.9	3.24e-03	11.8	11.8	11.8	11.8	9.0	2.1	-1.4	58.1	102.5	7.4
7698	ok	0.0	0.5	4.19e-03	11.8	11.8	11.8	11.8	29.2	-1.1	3.5	52.7	-33.3	0.6
7699	ok	0.0	0.3	3.68e-03	11.8	11.8	11.8	11.8	24.1	-0.7	2.5	38.1	-33.8	2.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7700	ok	0.0	0.3	3.32e-03	11.8	11.8	11.8	11.8	22.4	-0.4	1.7	36.5	-29.0	5.5
7701	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	20.3	-0.1	1.1	39.4	-18.1	10.1
7702	ok	0.0	0.4	3.05e-03	11.8	11.8	11.8	11.8	-2.1	-11.7	1.8	41.2	16.6	13.7
7703	ok	0.0	0.6	2.98e-03	11.8	11.8	11.8	11.8	-2.1	-12.0	3.0	53.5	44.1	21.3
7704	ok	0.0	0.8	3.47e-03	11.8	11.8	11.8	11.8	11.0	-0.3	-1.0	62.1	79.5	26.0
7705	ok	0.0	0.3	2.74e-03	11.8	11.8	11.8	11.8	9.5	1.5	-1.7	-11.0	40.3	2.5
7706	ok	0.0	0.3	3.91e-03	11.8	11.8	11.8	11.8	32.9	0.6	4.0	25.0	-24.6	-17.0
7707	ok	0.0	0.2	3.16e-03	11.8	11.8	11.8	11.8	26.5	0.5	2.0	15.4	-24.4	-8.6
7708	ok	0.0	0.2	2.91e-03	11.8	11.8	11.8	11.8	23.9	0.7	1.1	10.6	-19.4	-1.9
7709	ok	0.0	9.93e-02	2.76e-03	11.8	11.8	11.8	11.8	-6.9	-4.9	-9.0	7.7	-9.4	4.7
7710	ok	0.0	0.1	2.62e-03	11.8	11.8	11.8	11.8	-1.9	-6.4	0.7	1.2	10.9	9.4
7711	ok	0.0	0.2	2.54e-03	11.8	11.8	11.8	11.8	14.3	1.2	-1.5	-3.4	21.0	10.6
7712	ok	0.0	0.3	2.65e-03	11.8	11.8	11.8	11.8	11.9	1.4	-1.5	-8.0	34.7	8.3
7713	ok	0.0	0.5	3.07e-03	11.8	11.8	11.8	11.8	10.5	2.4	-2.0	15.1	65.9	4.4
7714	ok	0.0	0.4	3.99e-03	11.8	11.8	11.8	11.8	31.1	-1.87e-02	3.3	45.6	-30.0	-9.4
7715	ok	0.0	0.3	3.42e-03	11.8	11.8	11.8	11.8	25.2	-0.2	2.2	30.3	-30.0	-2.9
7716	ok	0.0	0.2	3.11e-03	11.8	11.8	11.8	11.8	23.2	3.23e-02	1.4	25.9	-24.7	3.0
7717	ok	0.0	0.2	2.96e-03	11.8	11.8	11.8	11.8	20.9	0.3	0.8	24.1	-13.6	9.1
7718	ok	0.0	0.3	2.77e-03	11.8	11.8	11.8	11.8	-2.0	-8.4	1.7	20.5	14.3	14.3
7719	ok	0.0	0.4	2.85e-03	11.8	11.8	11.8	11.8	14.7	0.7	-1.4	21.7	28.5	18.7
7720	ok	0.0	0.5	2.81e-03	11.8	11.8	11.8	11.8	13.3	1.9	-1.0	18.5	55.5	15.6
7721	ok	0.0	0.4	2.34e-03	11.8	11.8	11.8	11.8	8.8	3.2	-0.8	-42.4	30.9	-2.3
7722	ok	0.0	0.4	3.36e-03	11.8	11.8	11.8	11.8	38.7	1.4	4.2	-29.1	-14.1	-25.4
7723	ok	0.0	0.4	2.92e-03	11.8	11.8	11.8	11.8	35.2	1.6	1.4	-29.6	-12.6	-21.7
7724	ok	0.0	0.3	2.40e-03	11.8	11.8	11.8	11.8	26.5	2.1	-0.4	-27.4	-7.4	-17.9
7725	ok	0.0	0.3	2.32e-03	11.8	11.8	11.8	11.8	22.3	3.0	-1.5	-29.8	1.3	-15.9
7726	ok	0.0	0.3	2.25e-03	11.8	11.8	11.8	11.8	18.4	3.4	-1.8	-33.3	11.3	-13.7
7727	ok	0.0	0.3	2.24e-03	11.8	11.8	11.8	11.8	14.8	3.6	-1.7	-37.2	21.2	-10.6
7728	ok	0.0	0.4	2.27e-03	11.8	11.8	11.8	11.8	11.6	3.5	-1.3	-40.4	28.7	-6.7
7729	ok	0.0	0.4	2.42e-03	11.8	11.8	11.8	11.8	9.3	2.6	-1.2	-41.5	27.3	-1.4
7730	ok	0.0	0.3	2.51e-03	11.8	11.8	11.8	11.8	9.5	2.2	-1.4	-36.1	27.4	-0.3
7731	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	9.6	1.7	-1.6	-26.3	31.4	1.0
7732	ok	0.0	0.4	3.38e-03	11.8	11.8	11.8	11.8	36.2	1.2	4.3	-21.1	-16.1	-24.5
7733	ok	0.0	0.3	3.44e-03	11.8	11.8	11.8	11.8	33.8	1.3	4.5	-9.9	-18.9	-23.1
7734	ok	0.0	0.3	3.69e-03	11.8	11.8	11.8	11.8	32.2	0.9	5.2	4.2	-24.0	-21.1
7735	ok	0.0	0.3	3.00e-03	11.8	11.8	11.8	11.8	32.9	1.5	1.8	-23.0	-14.3	-19.8
7736	ok	0.0	0.3	3.13e-03	11.8	11.8	11.8	11.8	30.6	1.6	1.9	-12.7	-17.3	-17.2
7737	ok	0.0	0.2	3.30e-03	11.8	11.8	11.8	11.8	27.7	0.7	1.2	1.4	-20.9	-12.9
7738	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	25.4	1.8	-2.09e-02	-23.0	-9.3	-14.7
7739	ok	0.0	0.2	2.63e-03	11.8	11.8	11.8	11.8	24.1	1.4	0.3	-15.0	-11.9	-10.9
7740	ok	0.0	0.2	2.73e-03	11.8	11.8	11.8	11.8	23.4	1.0	0.7	-3.9	-15.3	-6.5
7741	ok	0.0	0.3	2.36e-03	11.8	11.8	11.8	11.8	21.8	2.3	-1.1	-26.6	-1.3	-11.6
7742	ok	0.0	0.2	2.53e-03	11.8	11.8	11.8	11.8	21.1	1.7	-0.7	-19.3	-3.7	-6.7
7743	ok	0.0	0.1	2.57e-03	11.8	11.8	11.8	11.8	32.8	7.4	-0.8	-4.9	-7.6	-5.1
7744	ok	0.0	0.3	2.29e-03	11.8	11.8	11.8	11.8	18.2	2.7	-1.5	-30.9	8.7	-8.7
7745	ok	0.0	0.2	2.38e-03	11.8	11.8	11.8	11.8	17.9	2.1	-1.3	-24.3	6.7	-3.2
7746	ok	0.0	0.1	2.47e-03	11.8	11.8	11.8	11.8	-1.7	-5.7	4.25e-02	-10.0	9.1	4.9
7747	ok	0.0	0.3	2.27e-03	11.8	11.8	11.8	11.8	14.9	2.9	-1.6	-35.4	18.2	-6.1
7748	ok	0.0	0.3	2.42e-03	11.8	11.8	11.8	11.8	14.8	2.2	-1.5	-29.3	17.1	-1.0
7749	ok	0.0	0.2	2.44e-03	11.8	11.8	11.8	11.8	14.6	1.7	-1.6	-18.7	18.3	4.6
7750	ok	0.0	0.3	2.28e-03	11.8	11.8	11.8	11.8	11.9	2.9	-1.5	-39.3	25.1	-3.6
7751	ok	0.0	0.3	2.45e-03	11.8	11.8	11.8	11.8	12.0	2.3	-1.6	-33.6	24.8	-0.2
7752	ok	0.0	0.2	2.46e-03	11.8	11.8	11.8	11.8	12.0	1.8	-1.6	-23.4	27.9	3.7
7753	ok	0.0	0.4	2.14e-03	11.8	11.8	11.8	11.8	7.6	4.0	-1.42e-02	-34.0	44.3	-3.1
7754	ok	0.0	0.4	3.26e-03	11.8	11.8	11.8	11.8	43.1	1.3	3.1	-34.3	-12.6	-24.5
7755	ok	0.0	0.4	2.69e-03	11.8	11.8	11.8	11.8	38.4	2.8	0.8	-34.0	-12.2	-23.4
7756	ok	0.0	0.4	2.33e-03	11.8	11.8	11.8	11.8	29.8	3.8	-2.7	-27.6	-4.7	-20.9
7757	ok	0.0	0.3	2.16e-03	11.8	11.8	11.8	11.8	22.7	4.5	-2.2	-26.3	3.7	-20.5
7758	ok	0.0	0.3	2.09e-03	11.8	11.8	11.8	11.8	18.2	4.8	-2.1	-27.4	15.9	-20.0
7759	ok	0.0	0.3	2.04e-03	11.8	11.8	11.8	11.8	14.2	4.8	-1.6	-29.6	29.6	-17.4
7760	ok	0.0	0.4	2.06e-03	11.8	11.8	11.8	11.8	10.6	4.6	-0.9	-32.4	40.7	-11.5
7761	ok	0.0	0.8	2.45e-03	11.8	11.8	11.8	11.8	5.1	2.6	1.5	-0.6	92.7	-5.3
7762	ok	0.0	0.4	3.09e-03	11.8	11.8	11.8	11.8	46.6	5.1	1.2	-33.1	-10.0	-18.9
7763	ok	0.0	0.3	2.38e-03	11.8	11.8	11.8	11.8	40.2	5.5	-2.1	-27.1	-11.9	-16.8
7764	ok	0.0	0.3	1.97e-03	11.8	11.8	11.8	11.8	32.2	6.6	-3.3	-19.9	-8.0	-18.1
7765	ok	0.0	0.2	1.95e-03	11.8	11.8	11.8	11.8	-3.1	-5.3	-8.3	-7.8	9.9	-17.6
7766	ok	0.0	0.3	2.00e-03	11.8	11.8	11.8	11.8	4.4	-3.8	-7.5	6.5	28.7	-18.4
7767	ok	0.0	0.5	1.96e-03	11.8	11.8	11.8	11.8	16.7	8.5	-0.7	2.9	47.6	-25.9
7768	ok	0.0	0.7	1.97e-03	11.8	11.8	11.8	11.8	13.4	9.0	0.8	5.6	81.8	-19.5
7769	ok	0.0	0.5	2.12e-03	11.8	11.8	11.8	11.8	6.5	4.5	0.7	-20.2	59.5	-3.3
7770	ok	0.0	0.4	3.11e-03	11.8	11.8	11.8	11.8	47.9	2.3	0.9	-34.9	-11.6	-22.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7771	ok	0.0	0.4	2.50e-03	11.8	11.8	11.8	11.8	38.2	4.3	-0.9	-30.2	-11.6	-21.1
7772	ok	0.0	0.4	2.03e-03	11.8	11.8	11.8	11.8	31.5	5.4	-2.7	-26.3	-6.7	-21.5
7773	ok	0.0	0.3	2.04e-03	11.8	11.8	11.8	11.8	22.5	5.7	-2.7	-19.4	3.8	-21.4
7774	ok	0.0	0.3	1.96e-03	11.8	11.8	11.8	11.8	17.7	6.0	-2.1	-17.4	18.5	-22.7
7775	ok	0.0	0.4	1.89e-03	11.8	11.8	11.8	11.8	13.5	5.8	-1.3	-17.3	37.1	-21.5
7776	ok	0.0	0.5	1.91e-03	11.8	11.8	11.8	11.8	9.8	5.2	-0.5	-19.0	53.0	-14.9
7777	ok	0.0	1.0	2.58e-03	12.0	13.3	11.8	17.5	-4.7	1.1	8.7	76.5	97.2	-31.4
7778	ok	0.0	0.4	2.78e-03	11.8	11.8	11.8	11.8	55.2	2.8	-0.5	-33.6	-8.1	-10.3
7779	ok	0.0	0.3	2.29e-03	11.8	11.8	11.8	11.8	41.8	6.3	-4.0	-23.1	-13.1	-9.8
7780	ok	0.0	0.2	1.87e-03	11.8	11.8	11.8	11.8	25.8	10.4	-4.1	-18.1	-11.2	-6.5
7781	ok	0.0	0.2	1.83e-03	11.8	11.8	11.8	11.8	4.8	-3.7	-6.0	10.2	9.8	-12.8
7782	ok	0.0	0.4	1.94e-03	11.8	11.8	11.8	11.8	5.0	-4.5	-6.7	22.5	29.6	-16.0
7783	ok	0.0	0.7	2.27e-03	11.8	11.8	11.8	11.8	9.1	-6.4	-7.9	44.8	68.1	-20.6
7784	ok	0.0	0.9	2.43e-03	11.8	11.8	11.8	16.2	7.8	6.7	0.7	73.1	126.3	-35.7
7785	ok	0.0	1.0	3.85e-03	11.8	35.8	24.1	46.1	-2.7	-7.5	-9.2	283.9	353.0	-63.3
7786	ok	0.0	0.4	2.65e-03	11.8	11.8	11.8	11.8	60.5	4.9	-10.1	-33.2	-9.2	2.8
7787	ok	0.0	0.3	2.00e-03	11.8	11.8	11.8	11.8	57.4	15.6	-6.6	-23.4	-13.5	4.1
7788	ok	0.0	0.2	1.71e-03	11.8	11.8	11.8	11.8	34.5	17.3	-3.1	-14.0	-14.1	3.2
7789	ok	0.0	0.2	1.58e-03	11.8	11.8	11.8	11.8	5.5	-2.2	-7.5	17.0	9.3	-2.7
7790	ok	0.0	0.3	1.61e-03	11.8	11.8	11.8	11.8	5.5	-3.4	-7.9	32.4	25.4	-3.6
7791	ok	0.0	0.6	1.77e-03	11.8	11.8	11.8	11.8	8.1	-4.6	-8.4	66.6	50.7	-0.8
7792	ok	0.0	1.0	2.21e-03	11.8	15.7	13.8	24.8	0.9	-12.2	-7.6	121.3	213.8	-34.0
7793	ok	0.0	0.9	3.31e-03	11.8	11.8	11.8	11.8	3.1	0.6	4.7	18.8	111.5	2.9
7794	ok	0.0	0.4	2.01e-03	11.8	11.8	11.8	11.8	58.6	11.2	-12.7	-34.3	-15.1	18.5
7795	ok	0.0	0.4	1.60e-03	11.8	11.8	11.8	11.8	36.9	13.9	-9.6	-26.0	-15.8	16.0
7796	ok	0.0	0.3	1.32e-03	11.8	11.8	11.8	11.8	24.4	13.3	-5.0	-17.4	-11.3	16.2
7797	ok	0.0	0.2	1.36e-03	11.8	11.8	11.8	11.8	16.6	13.5	5.1	-14.4	-10.5	12.8
7798	ok	0.0	0.3	1.34e-03	11.8	11.8	11.8	11.8	7.3	3.2	-8.1	18.0	30.6	13.8
7799	ok	0.0	0.5	1.64e-03	11.8	11.8	11.8	11.8	6.9	3.5	-7.8	25.5	55.2	16.8
7800	ok	0.0	0.8	2.39e-03	11.8	11.8	11.8	11.8	5.8	8.4	3.0	22.0	93.6	22.0
7801	ok	0.0	1.0	1.98e-03	12.3	17.6	11.8	19.8	4.4	-4.6	1.8	72.6	116.8	-63.4
7802	ok	0.0	1.0	1.76e-03	11.8	13.0	11.8	16.0	4.6	6.5	0.6	67.1	107.3	33.0
7803	ok	0.0	0.6	1.70e-03	11.8	11.8	11.8	11.8	7.3	-3.6	-8.0	62.3	73.3	8.6
7804	ok	0.0	0.3	1.47e-03	11.8	11.8	11.8	11.8	4.7	-0.4	-7.3	28.8	27.5	7.8
7805	ok	0.0	0.2	1.38e-03	11.8	11.8	11.8	11.8	20.7	16.7	2.2	-10.4	-10.5	8.8
7806	ok	0.0	0.2	1.45e-03	11.8	11.8	11.8	11.8	32.9	18.1	-3.3	-15.4	-14.6	8.5
7807	ok	0.0	0.3	1.79e-03	11.8	11.8	11.8	11.8	56.3	18.3	-7.8	-24.5	-14.2	9.4
7808	ok	0.0	0.4	2.39e-03	11.8	11.8	11.8	11.8	51.1	11.9	-12.3	-31.3	-12.1	11.7
7809	ok	0.0	0.5	5.10e-03	11.8	11.8	11.8	11.8	2.7	-4.1	9.9	-22.1	55.9	2.8
7810	ok	0.0	0.5	1.59e-03	11.8	11.8	11.8	11.8	42.4	19.3	-16.9	-34.6	-19.0	24.1
7811	ok	0.0	0.4	1.59e-03	11.8	11.8	11.8	11.8	27.0	15.9	-7.8	-31.2	-16.9	23.0
7812	ok	0.0	0.4	1.54e-03	11.8	11.8	11.8	11.8	16.2	12.5	-1.1	-27.7	-10.5	22.0
7813	ok	0.0	0.3	2.36e-03	11.8	11.8	11.8	11.8	9.8	2.4	13.6	-18.2	-10.4	16.4
7814	ok	0.0	0.2	3.42e-03	11.8	11.8	11.8	11.8	6.1	5.2	5.9	-19.8	16.5	21.4
7815	ok	0.0	0.4	4.12e-03	11.8	11.8	11.8	11.8	4.5	1.5	7.8	-19.9	34.6	19.5
7816	ok	0.0	0.4	4.66e-03	11.8	11.8	11.8	11.8	3.6	-1.6	9.0	-21.7	50.4	13.2
7817	ok	0.0	0.6	4.10e-03	11.8	11.8	11.8	11.8	3.5	-1.3	8.2	-6.0	72.4	2.3
7818	ok	0.0	0.6	3.47e-03	11.8	11.8	11.8	11.8	4.5	1.1	6.8	-5.7	62.9	16.2
7819	ok	0.0	0.4	2.78e-03	11.8	11.8	11.8	11.8	6.5	6.9	4.0	-3.6	41.4	22.7
7820	ok	0.0	0.3	2.00e-03	11.8	11.8	11.8	11.8	8.0	7.5	3.3	-8.8	18.1	22.0
7821	ok	0.0	0.2	1.34e-03	11.8	11.8	11.8	11.8	13.1	9.7	8.5	-17.8	-10.7	15.2
7822	ok	0.0	0.3	1.36e-03	11.8	11.8	11.8	11.8	20.6	13.5	-3.5	-23.0	-10.7	20.1
7823	ok	0.0	0.4	1.50e-03	11.8	11.8	11.8	11.8	32.5	15.3	-9.4	-28.9	-16.3	20.3
7824	ok	0.0	0.5	1.98e-03	11.8	11.8	11.8	11.8	49.7	15.4	-17.2	-34.2	-17.1	21.4
7825	ok	0.0	0.3	7.18e-03	11.8	11.8	11.8	11.8	2.3	-10.0	12.3	-36.6	39.3	3.8
7826	ok	0.0	0.5	1.59e-03	11.8	11.8	11.8	11.8	28.6	19.3	-11.4	-32.0	-21.6	25.7
7827	ok	0.0	0.4	1.87e-03	11.8	11.8	11.8	11.8	16.7	13.1	-1.8	-31.7	-18.1	24.0
7828	ok	0.0	0.4	3.97e-03	11.8	11.8	11.8	11.8	8.9	7.5	4.6	-31.7	-11.2	21.9
7829	ok	0.0	0.3	5.18e-03	11.8	11.8	11.8	11.8	3.1	-11.4	21.8	-20.3	-11.6	16.8
7830	ok	0.0	0.3	5.96e-03	11.8	11.8	11.8	11.8	4.4	2.1	9.2	-29.8	12.6	17.6
7831	ok	0.0	0.3	6.40e-03	11.8	11.8	11.8	11.8	3.7	-1.5	10.6	-32.4	26.2	14.5
7832	ok	0.0	0.3	6.97e-03	11.8	11.8	11.8	11.8	3.3	-4.4	10.9	-34.8	36.9	9.8
7833	ok	0.0	0.3	9.02e-03	11.8	11.8	11.8	11.8	4.1	-13.1	12.0	-39.7	34.6	4.4
7834	ok	0.0	0.4	3.47e-03	11.8	11.8	11.8	11.8	17.6	14.9	-5.7	-26.8	-22.6	24.5
7835	ok	0.0	0.4	5.95e-03	11.8	11.8	11.8	11.8	9.3	7.5	3.2	-28.1	-19.8	22.4
7836	ok	0.0	0.3	7.30e-03	11.8	11.8	11.8	11.8	4.9	1.7	8.9	-29.9	-13.0	19.1
7837	ok	0.0	0.3	8.13e-03	11.8	11.8	11.8	11.8	2.7	-2.4	11.6	-29.1	-4.0	14.9
7838	ok	0.0	0.3	8.76e-03	11.8	11.8	11.8	11.8	-0.3	31.7	-17.9	-31.7	16.1	9.1
7839	ok	0.0	0.3	8.98e-03	11.8	11.8	11.8	11.8	-0.5	29.6	-17.5	-34.5	24.4	6.6
7840	ok	0.0	0.3	9.10e-03	11.8	11.8	11.8	11.8	4.2	-11.7	13.4	-38.7	30.9	6.2
7841	ok	0.0	0.4	3.42e-03	11.8	11.8	11.8	11.8	10.3	26.4	-33.4	-20.2	-28.2	19.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7842	ok	0.0	0.3	1.08e-02	11.8	11.8	11.8	11.8	5.0	-19.5	12.5	-39.9	39.5	5.3
7843	ok	0.0	0.4	6.64e-03	11.8	11.8	11.8	11.8	12.2	7.6	-0.9	-23.1	-23.1	23.6
7844	ok	0.0	0.4	8.57e-03	11.8	11.8	11.8	11.8	5.5	-2.67e-03	6.5	-25.0	-21.0	21.4
7845	ok	0.0	0.3	9.91e-03	11.8	11.8	11.8	11.8	3.1	-4.5	11.4	-26.6	-14.0	17.2
7846	ok	0.0	0.3	1.06e-02	11.8	11.8	11.8	11.8	2.3	-47.6	35.9	-14.1	-19.1	19.3
7847	ok	0.0	0.3	1.10e-02	11.8	11.8	11.8	11.8	5.8	36.1	-16.9	-30.4	17.0	7.8
7848	ok	0.0	0.3	1.11e-02	11.8	11.8	11.8	11.8	-0.2	38.6	-17.1	-38.7	29.5	5.3
7849	ok	0.0	0.4	1.11e-02	11.8	11.8	11.8	11.8	1.3	25.4	-10.5	-37.9	38.2	7.1
7850	ok	0.0	0.5	1.66e-02	11.8	11.8	11.8	11.8	17.6	69.6	-21.4	-12.7	-41.1	17.9
7851	ok	0.0	0.5	1.36e-02	11.8	11.8	11.8	11.8	11.6	30.2	-9.4	-30.1	47.4	23.6
7852	ok	0.0	0.5	1.76e-02	11.8	11.8	11.8	11.8	13.5	69.5	-22.0	-15.2	-38.5	15.7
7853	ok	0.0	0.4	1.80e-02	11.8	11.8	11.8	11.8	-1.7	44.1	-15.2	-16.0	-27.5	14.3
7854	ok	0.0	0.2	1.79e-02	11.8	11.8	11.8	11.8	0.5	-94.0	34.3	-9.1	-22.3	22.8
7855	ok	0.0	0.2	1.72e-02	11.8	11.8	11.8	11.8	1.1	-88.8	33.6	-9.7	-26.9	19.8
7856	ok	0.0	0.3	1.62e-02	11.8	11.8	11.8	11.8	-1.8	32.4	-9.1	-18.2	30.6	-8.7
7857	ok	0.0	0.4	1.52e-02	11.8	11.8	11.8	11.8	-0.3	33.8	-8.8	-26.7	40.7	-9.8
7858	ok	0.0	0.5	1.44e-02	11.8	11.8	11.8	11.8	0.5	47.4	-13.2	-41.7	50.9	3.9
7859	ok	0.0	0.6	2.84e-02	11.8	11.8	11.8	11.8	19.0	105.4	-30.5	-7.5	-54.2	15.9
7860	ok	0.0	0.8	1.45e-02	11.8	11.8	11.8	11.9	-3.7	-96.8	36.2	54.9	76.5	-32.3
7861	ok	0.0	0.5	2.78e-02	11.8	11.8	11.8	11.8	11.4	100.1	-27.0	-10.8	-45.4	14.2
7862	ok	0.0	0.4	2.57e-02	11.8	11.8	11.8	11.8	5.7	59.6	-15.7	-12.2	-32.3	12.8
7863	ok	0.0	0.3	2.34e-02	11.8	11.8	11.8	11.8	0.7	-129.9	26.9	-5.5	-24.2	22.9
7864	ok	0.0	0.2	2.12e-02	11.8	11.8	11.8	11.8	1.1	-116.3	25.9	-5.9	-29.5	20.5
7865	ok	0.0	0.4	1.90e-02	11.8	11.8	11.8	11.8	2.2	-102.6	25.9	-7.3	-37.1	16.3
7866	ok	0.0	0.6	1.70e-02	11.8	11.8	11.8	11.8	-2.1	28.0	-7.9	-12.4	64.8	-12.9
7867	ok	0.0	0.7	1.52e-02	11.8	11.8	11.8	11.8	11.6	50.5	-9.3	-24.2	74.1	-6.4
7868	ok	0.0	0.7	3.55e-02	11.8	11.8	11.8	11.8	9.9	126.1	-31.4	-7.3	-58.2	14.3
7869	ok	0.0	1.0	1.84e-02	22.3	24.0	22.3	31.1	-8.5	-106.8	12.7	91.7	199.4	-118.2
7870	ok	0.0	0.6	3.27e-02	11.8	11.8	11.8	11.8	6.7	114.8	-23.0	-8.2	-48.3	13.6
7871	ok	0.0	0.4	2.91e-02	11.8	11.8	11.8	11.8	3.7	64.6	-12.4	-8.6	-34.3	12.3
7872	ok	0.0	0.3	2.60e-02	11.8	11.8	11.8	11.8	2.4	-147.2	18.1	-4.4	-25.0	22.0
7873	ok	0.0	0.2	2.30e-02	11.8	11.8	11.8	11.8	2.2	-129.4	17.2	-4.8	-31.3	19.6
7874	ok	0.0	0.3	2.02e-02	11.8	11.8	11.8	11.8	2.9	-108.4	17.0	-4.8	-37.0	17.0
7875	ok	0.0	0.7	1.77e-02	11.8	11.8	11.8	11.8	-5.9	29.8	-10.1	-7.1	78.3	-13.9
7876	ok	0.0	0.8	1.69e-02	11.8	11.8	11.8	11.8	12.8	30.8	2.0	-7.2	95.6	-20.7
7877	ok	0.0	0.7	4.65e-02	11.8	11.8	11.8	11.8	4.4	111.9	-20.4	-5.5	-71.8	5.4
7878	ok	0.0	1.0	1.53e-02	34.4	51.5	28.3	46.0	-1.8	-118.6	14.7	304.7	243.5	-187.7
7879	ok	0.0	0.6	3.98e-02	11.8	11.8	11.8	11.8	7.4	130.7	-15.1	-4.8	-51.9	11.3
7880	ok	0.0	0.4	3.46e-02	11.8	11.8	11.8	11.8	4.5	72.2	-9.3	-3.8	-36.9	10.1
7881	ok	0.0	0.3	3.01e-02	11.8	11.8	11.8	11.8	0.5	-174.1	13.8	-0.7	-25.4	20.6
7882	ok	0.0	0.2	2.61e-02	11.8	11.8	11.8	11.8	0.7	-149.3	13.0	-1.0	-32.8	18.7
7883	ok	0.0	0.4	2.24e-02	11.8	11.8	11.8	11.8	0.8	-123.2	13.0	-1.3	-38.7	17.2
7884	ok	0.0	0.6	1.89e-02	11.8	11.8	11.8	11.8	-0.9	20.6	-2.9	9.8	72.1	-8.8
7885	ok	0.0	1.0	1.51e-02	11.8	11.8	20.5	27.3	-5.6	21.8	-15.6	-21.3	250.7	-16.3
7886	ok	0.0	0.9	3.67e-03	11.8	13.8	11.8	11.8	-6.2	-10.9	-6.8	117.4	52.8	24.4
7887	ok	0.0	0.4	2.98e-03	11.8	11.8	11.8	11.8	-0.5	-6.2	-6.0	14.9	25.4	-28.2
7888	ok	0.0	0.9	5.47e-03	11.8	16.4	11.8	11.8	-5.1	-2.2	-10.2	88.6	21.3	78.7
7889	ok	0.0	0.2	2.00e-03	11.8	11.8	11.8	11.8	-3.77e-02	5.43e-02	-1.25e-02	-19.3	-7.9	-13.9
7890	ok	0.0	0.9	1.55e-02	11.8	20.4	11.8	24.0	-14.7	-90.5	38.6	91.5	140.9	-81.3
7891	ok	0.0	0.8	4.38e-03	11.8	11.8	11.8	11.8	-2.0	1.3	0.5	-79.6	-29.9	-31.8
7893	ok	0.0	0.8	1.72e-02	11.8	12.5	11.8	11.8	-99.1	-31.7	19.4	106.4	23.6	-35.3
7894	ok	0.0	0.6	1.23e-02	11.8	11.8	11.8	11.8	-19.9	-66.6	44.0	-3.7	34.6	-12.9
7895	ok	0.0	0.6	2.35e-03	11.8	11.8	11.8	11.8	-2.7	-9.8	-6.8	70.3	35.7	-1.5
7896	ok	0.0	0.5	2.47e-03	11.8	11.8	11.8	11.8	-6.0	-11.7	-5.0	56.7	10.3	16.8
7897	ok	0.0	0.7	2.50e-03	11.8	11.8	11.8	11.8	-0.1	-3.5	4.3	82.3	17.7	10.0
7898	ok	0.0	0.7	2.65e-03	11.8	11.8	11.8	11.8	-3.2	-7.8	7.3	68.1	30.6	20.7
7899	ok	0.0	0.7	2.37e-03	11.8	11.8	11.8	11.8	-0.3	-4.8	5.1	83.2	17.0	15.4
7900	ok	0.0	1.0	2.69e-03	11.8	17.3	24.4	21.2	-1.7	1.5	-5.2	48.0	-141.7	-47.7
7901	ok	0.0	0.3	2.27e-03	11.8	11.8	11.8	11.8	2.5	-4.6	7.2	26.3	17.0	4.4
7902	ok	0.0	0.3	2.46e-03	11.8	11.8	11.8	11.8	2.2	-4.9	7.5	29.6	18.2	8.6
7903	ok	0.0	0.5	2.37e-03	11.8	11.8	11.8	11.8	2.4	-5.2	7.8	52.4	30.3	9.3
7904	ok	0.0	0.5	2.42e-03	11.8	11.8	11.8	11.8	-0.7	4.3	-6.1	60.0	32.2	-4.6
7905	ok	0.0	0.3	2.31e-03	11.8	11.8	11.8	11.8	-3.6	-5.1	1.6	-37.2	-3.7	-4.0
7906	ok	0.0	0.3	2.43e-03	11.8	11.8	11.8	11.8	-4.1	-5.0	2.0	-35.1	-8.5	-3.2
7907	ok	0.0	0.3	2.28e-03	11.8	11.8	11.8	11.8	-4.1	-4.3	2.0	-32.9	-3.8	-2.6
7908	ok	0.0	0.2	2.25e-03	11.8	11.8	11.8	11.8	-6.1	-8.0	5.0	-24.8	-3.8	-3.7
7909	ok	0.0	0.2	2.23e-03	11.8	11.8	11.8	11.8	2.1	2.6	-1.4	6.3	13.2	3.4
7910	ok	0.0	0.3	2.39e-03	11.8	11.8	11.8	11.8	-4.5	-4.6	2.4	-32.0	-6.5	-1.4
7911	ok	0.0	0.2	2.35e-03	11.8	11.8	11.8	11.8	-5.9	-8.1	5.2	-24.4	-5.2	-3.1
7912	ok	0.0	0.1	2.31e-03	11.8	11.8	11.8	11.8	-6.0	1.1	-2.3	-13.7	5.4	-4.7
7913	ok	0.0	0.2	2.36e-03	11.8	11.8	11.8	11.8	1.1	-4.9	0.7	-15.8	4.3	-6.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7914	ok	0.0	0.2	2.52e-03	11.8	11.8	11.8	11.8	3.4	-12.3	2.6	-18.5	-5.9	-3.0
7915	ok	0.0	0.2	2.34e-03	11.8	11.8	11.8	11.8	-2.9	-5.8	0.8	-28.4	-1.2	-5.5
7916	ok	0.0	0.3	2.30e-03	11.8	11.8	11.8	11.8	-3.3	-5.5	1.2	-35.0	-3.3	-5.0
7917	ok	0.0	0.2	2.50e-03	11.8	11.8	11.8	11.8	-3.4	-5.8	1.3	-28.5	-6.1	-5.4
7918	ok	0.0	0.3	2.48e-03	11.8	11.8	11.8	11.8	-3.7	-5.4	1.7	-33.8	-8.2	-4.6
7919	ok	0.0	0.1	2.38e-03	11.8	11.8	11.8	11.8	-4.5	3.3	-2.1	9.3	8.7	-3.0
7920	ok	0.0	0.1	2.54e-03	11.8	11.8	11.8	11.8	-2.9	1.7	-2.0	-12.1	0.9	-3.8
7921	ok	0.0	0.6	3.26e-03	11.8	11.8	11.8	11.8	0.7	-4.2	-0.8	70.4	13.6	13.8
7922	ok	0.0	0.7	3.31e-03	11.8	11.8	11.8	11.8	-6.9	6.2	-4.5	63.9	50.7	22.9
7923	ok	0.0	0.4	2.66e-03	11.8	11.8	11.8	11.8	1.6	-4.7	-0.7	41.5	12.6	9.2
7924	ok	0.0	0.2	2.41e-03	11.8	11.8	11.8	11.8	2.0	-9.5	2.0	22.5	9.4	2.4
7925	ok	0.0	0.4	2.76e-03	11.8	11.8	11.8	11.8	2.7	-10.6	1.6	44.9	18.5	8.9
7926	ok	0.0	0.2	2.54e-03	11.8	11.8	11.8	11.8	-4.6	3.9	-1.9	20.9	11.0	3.2
7927	ok	0.0	0.7	2.80e-03	11.8	11.8	11.8	11.8	-0.7	-3.8	9.75e-02	87.4	12.1	10.4
7928	ok	0.0	1.0	3.73e-03	11.8	18.9	18.5	17.2	-11.6	-25.6	-4.9	80.0	166.1	0.6
7929	ok	0.0	0.3	2.83e-03	11.8	11.8	11.8	11.8	2.5	-7.3	-0.8	-37.8	8.6	0.6
7930	ok	0.0	0.3	2.95e-03	11.8	11.8	11.8	11.8	2.3	-7.6	-0.5	-37.7	6.1	3.0
7931	ok	0.0	0.2	2.79e-03	11.8	11.8	11.8	11.8	2.2	-7.0	-0.5	-23.7	13.6	0.8
7932	ok	0.0	0.1	2.75e-03	11.8	11.8	11.8	11.8	-2.8	-7.8	0.2	-3.4	16.9	-1.8
7933	ok	0.0	0.3	2.99e-03	11.8	11.8	11.8	11.8	1.4	-6.0	0.4	27.6	21.7	-2.7
7934	ok	0.0	0.6	3.42e-03	11.8	11.8	11.8	11.8	-0.3	-4.7	0.2	67.6	16.6	1.3
7935	ok	0.0	0.2	2.90e-03	11.8	11.8	11.8	11.8	2.0	-7.3	-0.2	-24.4	12.9	3.0
7936	ok	0.0	0.2	2.80e-03	11.8	11.8	11.8	11.8	1.6	-6.8	0.3	-4.2	21.0	1.4
7937	ok	0.0	0.3	3.01e-03	11.8	11.8	11.8	11.8	-3.2	-5.0	1.5	26.0	34.3	-6.2
7938	ok	0.0	0.9	3.47e-03	11.8	11.8	11.8	11.8	1.2	-3.1	6.71e-02	76.6	38.8	-14.7
7939	ok	0.0	0.4	3.04e-03	11.8	11.8	11.8	11.8	3.2	-7.1	-1.4	-50.6	-6.9	0.2
7940	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	3.2	-7.4	-1.2	-51.4	-9.8	1.4
7941	ok	0.0	0.4	3.04e-03	11.8	11.8	11.8	11.8	3.0	-7.2	-1.0	-51.3	-4.9	-0.1
7942	ok	0.0	0.4	2.85e-03	11.8	11.8	11.8	11.8	2.8	-7.4	-1.1	-46.1	4.2	-9.16e-02
7943	ok	0.0	0.4	3.14e-03	11.8	11.8	11.8	11.8	2.9	-7.5	-0.8	-51.8	-7.8	1.7
7944	ok	0.0	0.4	2.97e-03	11.8	11.8	11.8	11.8	2.6	-7.5	-0.4	-48.1	-4.0	2.1
7945	ok	0.0	0.4	3.00e-03	11.8	11.8	11.8	11.8	0.7	-5.5	-4.9	38.8	17.3	22.4
7946	ok	0.0	0.5	3.00e-03	11.8	11.8	11.8	11.8	0.5	-6.0	-4.8	35.4	35.2	18.1
7947	ok	0.0	0.2	3.01e-03	11.8	11.8	11.8	11.8	7.5	5.1	0.5	17.9	10.3	13.6
7948	ok	0.0	0.1	3.01e-03	11.8	11.8	11.8	11.8	0.4	-7.1	-3.6	-6.5	2.4	11.1
7949	ok	0.0	0.2	3.00e-03	11.8	11.8	11.8	11.8	0.1	-7.6	-3.1	-22.5	-2.8	6.4
7950	ok	0.0	0.3	3.02e-03	11.8	11.8	11.8	11.8	-0.1	-8.0	-2.7	-35.2	-5.9	3.2
7951	ok	0.0	0.4	3.03e-03	11.8	11.8	11.8	11.8	3.4	-6.9	-1.7	-47.8	-7.4	0.6
7952	ok	0.0	0.3	3.08e-03	11.8	11.8	11.8	11.8	-2.2	10.4	2.3	12.0	19.0	12.4
7953	ok	0.0	0.1	3.11e-03	11.8	11.8	11.8	11.8	0.4	-7.5	-3.4	-11.0	6.2	7.8
7954	ok	0.0	0.2	3.12e-03	11.8	11.8	11.8	11.8	0.1	-8.1	-2.9	-26.0	-2.2	4.5
7955	ok	0.0	0.3	3.13e-03	11.8	11.8	11.8	11.8	-0.1	-8.5	-2.4	-37.6	-7.1	2.5
7956	ok	0.0	0.4	3.14e-03	11.8	11.8	11.8	11.8	3.4	-7.3	-1.5	-48.9	-10.0	1.4
7957	ok	0.0	0.6	3.26e-03	11.8	11.8	11.8	11.8	4.8	-2.8	-4.5	60.3	19.8	27.7
7958	ok	0.0	0.7	3.25e-03	11.8	11.8	11.8	11.8	1.6	-2.6	-6.5	59.7	52.6	27.4
7959	ok	0.0	0.9	3.59e-03	11.8	11.8	11.8	11.8	6.1	-1.3	-3.9	106.0	18.8	10.4
7960	ok	0.0	1.0	4.18e-03	11.8	17.2	15.9	19.4	-14.6	-24.1	-11.8	116.7	139.6	35.3
7961	ok	0.0	0.8	3.88e-03	11.8	11.8	11.8	11.8	4.7	-2.1	-4.3	92.0	21.2	24.8
7962	ok	0.0	1.0	3.48e-03	11.8	17.4	11.8	11.8	3.1	-2.5	-5.1	113.8	60.9	61.5
7963	ok	0.0	0.2	3.62e-03	11.8	11.8	11.8	11.8	7.4	-1.6	-4.6	-12.9	8.9	-7.7
7964	ok	0.0	0.1	3.69e-03	11.8	11.8	11.8	11.8	8.3	-1.8	-4.5	-14.4	15.6	-2.5
7965	ok	0.0	0.2	3.63e-03	11.8	11.8	11.8	11.8	7.0	-1.8	-4.4	9.8	17.0	-10.2
7966	ok	0.0	0.4	3.86e-03	11.8	11.8	11.8	11.8	7.0	-2.3	-3.9	42.8	24.2	-13.2
7967	ok	0.0	0.7	3.91e-03	11.8	11.8	11.8	11.8	7.9	-1.8	-3.9	85.6	23.6	-8.3
7968	ok	0.0	0.3	3.67e-03	11.8	11.8	11.8	11.8	8.2	-2.1	-4.2	8.8	30.1	-5.3
7969	ok	0.0	0.5	3.98e-03	11.8	11.8	11.8	11.8	8.3	-3.3	-2.9	43.4	53.3	-11.8
7970	ok	0.0	1.0	4.34e-03	11.8	15.1	11.8	11.8	4.4	-4.0	-1.2	103.0	62.3	-22.2
7971	ok	0.0	0.3	3.79e-03	11.8	11.8	11.8	11.8	7.7	-0.9	-4.6	-36.4	-4.5	-4.5
7972	ok	0.0	0.3	3.90e-03	11.8	11.8	11.8	11.8	8.4	-0.9	-4.4	-37.5	-1.8	-0.5
7973	ok	0.0	0.2	3.71e-03	11.8	11.8	11.8	11.8	4.7	-3.4	-5.4	-26.2	2.4	-5.9
7974	ok	0.0	0.2	3.80e-03	11.8	11.8	11.8	11.8	5.5	-3.5	-5.3	-27.5	6.4	-1.1
7975	ok	0.0	0.4	3.86e-03	11.8	11.8	11.8	11.8	7.8	-0.7	-4.5	-42.5	-8.5	-3.3
7976	ok	0.0	0.4	3.97e-03	11.8	11.8	11.8	11.8	8.6	-0.6	-4.3	-43.6	-6.7	0.1
7977	ok	0.0	0.4	3.94e-03	11.8	11.8	11.8	11.8	8.0	-0.4	-4.5	-46.9	-12.0	-2.2
7978	ok	0.0	0.4	4.04e-03	11.8	11.8	11.8	11.8	8.7	-0.3	-4.3	-48.1	-10.6	0.6
7979	ok	0.0	0.4	4.00e-03	11.8	11.8	11.8	11.8	8.2	-8.26e-02	-4.4	-50.1	-15.3	-0.5
7980	ok	0.0	0.4	4.10e-03	11.8	11.8	11.8	11.8	9.0	6.15e-02	-4.1	-51.4	-14.2	1.3
7981	ok	0.0	0.4	4.05e-03	11.8	11.8	11.8	11.8	8.9	0.5	-4.1	-46.6	-16.7	4.3
7982	ok	0.0	0.4	4.13e-03	11.8	11.8	11.8	11.8	9.9	0.7	-3.7	-48.8	-14.7	3.6
7983	ok	0.0	0.4	4.04e-03	11.8	11.8	11.8	11.8	8.6	0.3	-4.2	-50.0	-17.0	1.7
7984	ok	0.0	0.4	4.13e-03	11.8	11.8	11.8	11.8	9.4	0.4	-3.9	-51.7	-15.7	2.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
7985	ok	0.0	0.3	3.66e-03	11.8	11.8	11.8	11.8	9.9	0.9	-4.0	-29.8	-9.1	12.2
7986	ok	0.0	0.3	3.99e-03	11.8	11.8	11.8	11.8	11.2	0.9	-3.4	-33.0	-3.8	8.4
7987	ok	0.0	0.4	4.03e-03	11.8	11.8	11.8	11.8	9.4	0.8	-4.0	-40.0	-14.1	7.8
7988	ok	0.0	0.4	4.09e-03	11.8	11.8	11.8	11.8	10.5	0.8	-3.5	-42.7	-10.8	5.6
7989	ok	0.0	0.4	3.83e-03	11.8	11.8	11.8	11.8	9.3	0.8	-5.7	23.6	19.0	30.2
7990	ok	0.0	0.5	4.38e-03	11.8	11.8	11.8	11.8	10.5	-1.0	-5.9	23.3	44.2	21.6
7991	ok	0.0	0.2	3.58e-03	11.8	11.8	11.8	11.8	13.9	13.5	10.9	8.6	8.5	17.0
7992	ok	0.0	0.2	3.62e-03	11.8	11.8	11.8	11.8	10.4	1.1	-4.1	-16.9	-2.3	16.9
7993	ok	0.0	0.2	3.57e-03	11.8	11.8	11.8	11.8	9.4	-0.3	-4.1	-2.4	20.1	15.6
7994	ok	0.0	0.2	3.63e-03	11.8	11.8	11.8	11.8	8.6	-0.5	-4.1	-20.1	6.4	11.7
7995	ok	0.0	0.9	4.16e-03	11.8	12.0	11.8	11.8	2.6	2.0	-3.9	109.8	28.0	14.2
7996	ok	0.0	1.0	6.45e-03	11.8	19.4	14.1	21.2	9.5	-5.4	7.4	153.7	193.5	9.4
7997	ok	0.0	0.8	4.14e-03	11.8	11.8	11.8	11.8	17.1	2.7	-7.3	77.6	28.8	35.6
7998	ok	0.0	1.0	3.95e-03	11.8	13.7	11.8	14.6	7.2	-1.7	-4.4	84.2	72.9	43.0
7999	ok	0.0	0.8	4.17e-03	11.8	11.8	11.8	11.8	4.9	-0.3	-6.8	89.6	34.5	-8.6
8000	ok	0.0	1.0	4.74e-03	11.8	15.4	11.8	13.8	10.9	5.6	-3.3	105.4	82.9	-25.0
8001	ok	0.0	0.5	3.78e-03	11.8	11.8	11.8	11.8	8.1	1.1	-4.3	57.6	37.4	-13.6
8002	ok	0.0	0.7	4.03e-03	11.8	11.8	11.8	11.8	7.4	3.2	-3.7	59.8	81.4	-13.4
8003	ok	0.0	0.2	3.23e-03	11.8	11.8	11.8	11.8	7.9	1.8	-2.8	-10.3	23.0	-6.8
8004	ok	0.0	0.3	3.15e-03	11.8	11.8	11.8	11.8	7.6	1.3	-1.9	-11.6	35.3	-3.3
8005	ok	0.0	0.3	3.52e-03	11.8	11.8	11.8	11.8	7.8	1.3	-3.4	15.7	32.3	-10.6
8006	ok	0.0	0.5	3.76e-03	11.8	11.8	11.8	11.8	8.9	2.1	-3.0	15.5	55.7	-7.3
8007	ok	0.0	0.4	2.58e-03	11.8	11.8	11.8	11.8	4.9	1.9	0.5	-41.8	18.6	4.7
8008	ok	0.0	0.4	2.35e-03	11.8	11.8	11.8	11.8	6.6	2.6	-0.2	-42.6	27.3	1.7
8009	ok	0.0	0.3	2.60e-03	11.8	11.8	11.8	11.8	5.5	1.6	-0.3	-41.2	16.5	1.9
8010	ok	0.0	0.3	2.71e-03	11.8	11.8	11.8	11.8	5.9	1.3	-1.0	-36.1	16.4	-0.7
8011	ok	0.0	0.2	2.92e-03	11.8	11.8	11.8	11.8	6.1	1.1	-1.5	-26.3	18.6	-3.4
8012	ok	0.0	0.4	2.47e-03	11.8	11.8	11.8	11.8	7.2	2.2	-0.8	-42.0	24.1	0.4
8013	ok	0.0	0.3	2.63e-03	11.8	11.8	11.8	11.8	7.5	1.8	-1.2	-36.8	24.3	-0.7
8014	ok	0.0	0.2	2.85e-03	11.8	11.8	11.8	11.8	7.7	1.5	-1.6	-27.0	27.8	-1.8
8015	ok	0.0	0.3	2.60e-03	11.8	11.8	11.8	11.8	3.6	2.3	2.0	-32.1	26.7	10.0
8016	ok	0.0	0.3	2.34e-03	11.8	11.8	11.8	11.8	5.3	3.2	1.0	-33.6	39.0	4.8
8017	ok	0.0	0.4	3.55e-03	11.8	11.8	11.8	11.8	-7.1	-0.9	22.6	12.8	43.6	13.6
8018	ok	0.0	0.7	3.07e-03	11.8	11.8	11.8	11.8	9.0	7.3	17.6	22.4	68.7	9.8
8019	ok	0.0	0.3	2.74e-03	11.8	11.8	11.8	11.8	5.5	3.0	1.3	-17.0	34.4	14.5
8020	ok	0.0	0.4	2.48e-03	11.8	11.8	11.8	11.8	4.1	3.5	2.0	-19.5	51.3	7.9
8021	ok	0.0	0.7	4.06e-03	11.8	11.8	11.8	11.8	5.0	1.9	4.0	47.7	49.5	20.9
8022	ok	0.0	0.9	4.56e-03	11.8	11.8	11.8	15.8	4.4	1.4	0.5	54.7	97.2	31.5
8023	ok	0.0	0.6	4.22e-03	11.8	11.8	11.8	11.8	2.9	1.1	4.8	73.4	44.3	-3.1
8024	ok	0.0	1.0	5.95e-03	11.8	16.7	15.0	25.0	-19.4	-16.0	14.4	113.9	187.4	-16.7
8025	ok	0.0	0.5	4.36e-03	11.8	11.8	11.8	11.8	2.1	0.2	6.3	23.1	47.3	-22.7
8026	ok	0.0	0.8	3.88e-03	11.8	11.8	11.8	11.8	1.7	-1.1	4.7	23.8	92.4	-18.1
8027	ok	0.0	0.6	4.54e-03	11.8	11.8	11.8	11.8	3.4	0.6	5.0	60.3	47.8	-19.0
8028	ok	0.0	1.0	4.48e-03	11.8	13.1	11.8	16.4	1.5	1.3	1.7	97.2	129.6	-37.0
8029	ok	0.0	0.3	6.23e-03	11.8	11.8	11.8	11.8	0.9	-5.8	10.8	-17.2	30.5	-13.3
8030	ok	0.0	0.4	5.92e-03	11.8	11.8	11.8	11.8	1.7	-5.7	10.4	-20.2	48.0	-7.1
8031	ok	0.0	0.4	4.97e-03	11.8	11.8	11.8	11.8	1.4	-1.3	7.2	-7.98e-02	38.7	-18.5
8032	ok	0.0	0.5	4.63e-03	11.8	11.8	11.8	11.8	2.3	-3.1	9.2	-4.1	60.6	-11.5
8033	ok	0.0	0.3	7.54e-03	11.8	11.8	11.8	11.8	0.8	-10.6	11.6	-31.5	22.0	-5.1
8034	ok	0.0	0.3	7.39e-03	11.8	11.8	11.8	11.8	1.5	-11.1	12.0	-34.9	34.1	-1.1
8035	ok	0.0	0.3	8.83e-03	11.8	11.8	11.8	11.8	1.5	-13.5	9.6	-34.9	19.1	2.1
8036	ok	0.0	0.3	8.89e-03	11.8	11.8	11.8	11.8	3.1	-13.6	10.6	-38.3	30.1	3.3
8037	ok	0.0	0.3	1.04e-02	11.8	11.8	11.8	11.8	1.9	-18.6	9.5	-34.8	22.4	6.1
8038	ok	0.0	0.3	1.05e-02	11.8	11.8	11.8	11.8	3.9	-19.3	10.6	-38.5	34.9	5.8
8039	ok	0.0	0.3	1.30e-02	11.8	11.8	11.8	11.8	-10.2	-72.1	25.6	-17.3	41.7	7.4
8040	ok	0.0	0.4	1.32e-02	11.8	11.8	11.8	11.8	6.9	-27.9	9.0	-26.7	43.9	12.8
8041	ok	0.0	0.4	1.52e-02	11.8	11.8	11.8	11.8	-11.5	-87.6	25.8	-9.0	50.4	8.8
8042	ok	0.0	0.5	1.56e-02	11.8	11.8	11.8	11.8	-12.4	-106.1	32.1	9.6	70.4	-4.2
8043	ok	0.0	0.4	1.70e-02	11.8	11.8	11.8	11.8	-6.2	-99.0	27.6	-7.3	55.6	10.9
8044	ok	0.0	0.7	1.77e-02	11.8	11.8	11.8	11.8	-14.2	-123.9	25.9	28.7	78.4	-30.1
8045	ok	0.0	0.4	3.55e-03	11.8	11.8	11.8	11.8	-2.0	-12.9	7.5	-0.9	-54.1	4.3
8046	ok	0.0	0.6	6.37e-03	11.8	11.8	11.8	11.8	-1.2	-15.4	4.8	1.1	-70.9	2.0
8047	ok	0.0	1.0	2.63e-03	13.9	18.4	12.6	17.7	-8.1	-1.2	-2.7	118.8	110.3	68.4
8048	ok	0.0	0.8	2.65e-03	11.8	11.8	11.8	11.8	-3.8	-3.8	4.0	83.7	81.7	14.8
8049	ok	0.0	1.0	1.83e-03	21.3	42.4	48.0	58.1	-5.9	-8.3	2.5	241.3	376.2	-158.6
8050	ok	0.0	1.0	2.29e-03	11.8	15.7	20.7	27.5	-3.9	-13.1	-4.2	78.4	191.3	82.2
8051	ok	0.0	1.0	2.32e-03	11.8	25.2	14.8	21.2	1.4	-2.8	1.8	124.4	110.2	101.8
8052	ok	0.0	1.0	2.03e-03	11.8	12.9	11.8	11.8	-0.6	0.3	0.9	95.2	72.1	1.7
8053	ok	0.0	0.2	1.53e-03	11.8	11.8	11.8	11.8	2.1	-3.3	8.2	15.1	16.7	6.3
8054	ok	0.0	0.2	2.10e-03	11.8	11.8	11.8	11.8	-2.7	2.9	8.5	25.2	19.6	5.0
8055	ok	0.0	0.4	1.65e-03	11.8	11.8	11.8	11.8	-1.7	0.6	2.8	47.8	38.7	7.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8056	ok	0.0	0.5	2.08e-03	11.8	11.8	11.8	11.8	-3.0	3.1	8.7	45.0	25.0	13.8
8057	ok	0.0	0.3	2.12e-03	11.8	11.8	11.8	11.8	1.1	-3.5	1.4	-37.7	1.3	-4.3
8058	ok	0.0	0.3	2.20e-03	11.8	11.8	11.8	11.8	-3.2	-4.8	1.3	-37.7	-1.9	-4.1
8059	ok	0.0	0.3	2.06e-03	11.8	11.8	11.8	11.8	0.9	-3.1	1.7	-36.0	1.5	-3.7
8060	ok	0.0	0.2	1.70e-03	11.8	11.8	11.8	11.8	0.7	-2.7	2.0	-28.9	3.9	-2.8
8061	ok	0.0	0.2	1.60e-03	11.8	11.8	11.8	11.8	0.5	-2.3	2.4	-16.0	8.4	-1.2
8062	ok	0.0	0.3	2.20e-03	11.8	11.8	11.8	11.8	0.7	-3.4	1.9	-34.9	1.8	-3.2
8063	ok	0.0	0.2	2.17e-03	11.8	11.8	11.8	11.8	-5.6	1.6	-2.7	-24.9	3.0	-6.0
8064	ok	0.0	0.2	2.13e-03	11.8	11.8	11.8	11.8	0.3	-2.5	2.5	-13.6	9.9	0.5
8065	ok	0.0	0.2	2.18e-03	11.8	11.8	11.8	11.8	1.5	-4.4	0.5	-13.8	10.6	-5.5
8066	ok	0.0	0.2	2.22e-03	11.8	11.8	11.8	11.8	1.3	-4.6	0.6	-14.5	7.2	-6.0
8067	ok	0.0	0.2	2.17e-03	11.8	11.8	11.8	11.8	1.4	-4.2	0.8	-26.6	6.4	-5.2
8068	ok	0.0	0.3	2.15e-03	11.8	11.8	11.8	11.8	1.3	-3.9	1.1	-34.6	3.0	-4.7
8069	ok	0.0	0.2	2.23e-03	11.8	11.8	11.8	11.8	1.2	-4.5	0.9	-26.6	4.1	-6.0
8070	ok	0.0	0.3	2.22e-03	11.8	11.8	11.8	11.8	1.1	-4.2	1.2	-34.2	1.7	-5.4
8071	ok	0.0	0.2	2.15e-03	11.8	11.8	11.8	11.8	-4.9	2.8	-3.4	13.8	17.9	-6.2
8072	ok	0.0	0.1	2.25e-03	11.8	11.8	11.8	11.8	-4.4	2.3	-3.1	12.6	12.1	-4.8
8073	ok	0.0	0.6	2.55e-03	11.8	11.8	11.8	11.8	-2.6	-5.0	-0.8	70.1	16.1	8.2
8074	ok	0.0	0.5	2.76e-03	11.8	11.8	11.8	11.8	0.8	-3.9	-0.7	61.8	10.8	10.0
8075	ok	0.0	0.4	2.40e-03	11.8	11.8	11.8	11.8	-4.9	3.4	-5.9	49.3	20.2	-4.1
8076	ok	0.0	0.3	2.24e-03	11.8	11.8	11.8	11.8	-4.7	3.3	-3.2	33.2	22.7	-6.2
8077	ok	0.0	0.4	2.49e-03	11.8	11.8	11.8	11.8	1.2	-4.3	-0.4	45.4	10.4	5.4
8078	ok	0.0	0.2	2.29e-03	11.8	11.8	11.8	11.8	-4.3	2.9	-3.1	28.4	10.8	-3.6
8079	ok	0.0	0.6	2.63e-03	11.8	11.8	11.8	11.8	-2.8	-5.2	-0.6	66.8	16.8	14.9
8080	ok	0.0	0.6	2.82e-03	11.8	11.8	11.8	11.8	0.8	-4.0	-0.5	64.7	11.3	12.0
8081	ok	0.0	0.3	2.68e-03	11.8	11.8	11.8	11.8	2.6	-6.8	-1.2	-39.3	11.6	-1.7
8082	ok	0.0	0.3	2.75e-03	11.8	11.8	11.8	11.8	2.6	-7.0	-1.0	-38.2	10.1	-0.8
8083	ok	0.0	0.2	2.68e-03	11.8	11.8	11.8	11.8	-1.9	-7.6	-1.0	-25.5	15.1	0.5
8084	ok	0.0	0.1	2.68e-03	11.8	11.8	11.8	11.8	-2.2	-7.2	-0.7	-6.2	17.9	3.7
8085	ok	0.0	0.2	2.72e-03	11.8	11.8	11.8	11.8	-2.5	-6.6	-0.4	18.5	19.5	8.2
8086	ok	0.0	0.4	2.73e-03	11.8	11.8	11.8	11.8	-2.8	-5.8	-0.4	46.5	18.8	13.8
8087	ok	0.0	0.2	2.73e-03	11.8	11.8	11.8	11.8	2.3	-6.7	-0.7	-24.0	13.9	0.3
8088	ok	0.0	0.1	2.72e-03	11.8	11.8	11.8	11.8	1.9	-6.2	-0.4	-3.9	16.6	1.7
8089	ok	0.0	0.2	2.82e-03	11.8	11.8	11.8	11.8	-2.7	-6.7	-0.2	22.1	17.0	4.3
8090	ok	0.0	0.4	2.99e-03	11.8	11.8	11.8	11.8	1.0	-4.6	-0.2	49.1	14.5	8.2
8091	ok	0.0	0.4	2.85e-03	11.8	11.8	11.8	11.8	3.1	-6.7	-2.1	-47.8	4.0	-4.8
8092	ok	0.0	0.4	2.94e-03	11.8	11.8	11.8	11.8	3.2	-6.7	-1.6	-49.5	-4.8	-1.2
8093	ok	0.0	0.4	2.86e-03	11.8	11.8	11.8	11.8	2.9	-6.9	-1.8	-50.0	5.9	-4.2
8094	ok	0.0	0.4	2.79e-03	11.8	11.8	11.8	11.8	2.8	-6.9	-1.5	-47.3	8.4	-3.2
8095	ok	0.0	0.4	2.95e-03	11.8	11.8	11.8	11.8	3.0	-7.1	-1.7	-49.7	3.6	-2.6
8096	ok	0.0	0.4	2.88e-03	11.8	11.8	11.8	11.8	2.8	-7.1	-1.3	-46.6	6.5	-1.8
8097	ok	0.0	0.4	2.75e-03	11.8	11.8	11.8	11.8	0.3	-4.7	-4.8	39.9	-6.6	19.6
8098	ok	0.0	0.4	2.89e-03	11.8	11.8	11.8	11.8	0.4	-5.1	-5.1	40.2	3.8	21.3
8099	ok	0.0	0.2	2.77e-03	11.8	11.8	11.8	11.8	0.2	-5.6	-4.4	22.2	-5.6	15.2
8100	ok	0.0	0.1	2.79e-03	11.8	11.8	11.8	11.8	9.92e-02	-6.3	-3.9	3.4	-5.0	9.5
8101	ok	0.0	0.1	2.81e-03	11.8	11.8	11.8	11.8	3.5	-5.2	-2.9	-14.5	-4.7	4.5
8102	ok	0.0	0.2	2.83e-03	11.8	11.8	11.8	11.8	-0.3	-7.3	-3.1	-29.3	-4.3	1.1
8103	ok	0.0	0.4	2.84e-03	11.8	11.8	11.8	11.8	3.2	-6.5	-2.3	-43.6	3.2	-5.0
8104	ok	0.0	0.2	2.92e-03	11.8	11.8	11.8	11.8	0.3	-6.1	-4.6	19.4	2.3	16.2
8105	ok	0.0	0.1	2.90e-03	11.8	11.8	11.8	11.8	-2.1	8.5	2.1	6.8	2.3	8.4
8106	ok	0.0	0.2	2.91e-03	11.8	11.8	11.8	11.8	5.94e-02	-7.3	-3.3	-18.6	-4.0	6.3
8107	ok	0.0	0.3	2.92e-03	11.8	11.8	11.8	11.8	-0.2	-7.7	-2.9	-32.3	-5.3	2.6
8108	ok	0.0	0.4	2.93e-03	11.8	11.8	11.8	11.8	3.3	-6.6	-1.8	-46.2	-5.5	-0.7
8109	ok	0.0	0.5	2.78e-03	11.8	11.8	11.8	11.8	0.4	-4.2	-5.0	49.6	-7.7	20.4
8110	ok	0.0	0.5	2.93e-03	11.8	11.8	11.8	11.8	3.7	-2.7	-4.6	54.8	4.1	22.9
8111	ok	0.0	0.5	3.02e-03	11.8	11.8	11.8	11.8	4.2	-1.9	-4.7	57.2	-8.7	11.1
8112	ok	0.0	0.6	3.25e-03	11.8	11.8	11.8	11.8	4.2	-1.9	-4.6	71.5	3.6	10.2
8113	ok	0.0	0.5	2.91e-03	11.8	11.8	11.8	11.8	3.8	-2.1	-4.6	57.4	-8.7	17.7
8114	ok	0.0	0.6	3.03e-03	11.8	11.8	11.8	11.8	3.9	-2.1	-4.7	67.8	3.6	19.3
8115	ok	0.0	0.2	3.53e-03	11.8	11.8	11.8	11.8	2.9	-3.2	-5.6	-13.2	-6.9	-9.7
8116	ok	0.0	0.2	3.61e-03	11.8	11.8	11.8	11.8	6.6	-1.5	-4.9	-12.3	1.6	-9.6
8117	ok	0.0	0.1	3.45e-03	11.8	11.8	11.8	11.8	5.5	-1.5	-5.0	5.8	-5.1	-8.8
8118	ok	0.0	0.2	3.40e-03	11.8	11.8	11.8	11.8	5.1	-1.7	-5.0	26.9	-5.5	-5.3
8119	ok	0.0	0.4	3.23e-03	11.8	11.8	11.8	11.8	4.7	-1.8	-4.9	46.3	-7.3	1.8
8120	ok	0.0	0.2	3.56e-03	11.8	11.8	11.8	11.8	5.7	-16.1	-12.2	10.4	6.5	-7.9
8121	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	5.9	-1.9	-4.8	34.6	6.8	-9.0
8122	ok	0.0	0.5	3.46e-03	11.8	11.8	11.8	11.8	4.9	-1.9	-4.6	58.9	5.4	-2.1
8123	ok	0.0	0.3	3.64e-03	11.8	11.8	11.8	11.8	6.3	-1.0	-4.9	-34.2	-11.8	-8.6
8124	ok	0.0	0.3	3.73e-03	11.8	11.8	11.8	11.8	7.0	-0.9	-4.8	-35.1	-8.2	-7.1
8125	ok	0.0	0.2	3.59e-03	11.8	11.8	11.8	11.8	6.1	-1.2	-5.0	-25.0	-9.1	-9.5
8126	ok	0.0	0.2	3.67e-03	11.8	11.8	11.8	11.8	3.8	-3.1	-5.4	-25.4	-4.4	-8.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8127	ok	0.0	0.3	3.69e-03	11.8	11.8	11.8	11.8	6.4	-0.8	-4.9	-39.8	-14.2	-7.5
8128	ok	0.0	0.4	3.78e-03	11.8	11.8	11.8	11.8	7.1	-0.7	-4.7	-41.1	-11.3	-5.8
8129	ok	0.0	0.4	3.75e-03	11.8	11.8	11.8	11.8	6.5	-0.6	-4.9	-43.7	-16.5	-6.2
8130	ok	0.0	0.4	3.84e-03	11.8	11.8	11.8	11.8	7.3	-0.5	-4.7	-45.4	-14.2	-4.3
8131	ok	0.0	0.4	3.82e-03	11.8	11.8	11.8	11.8	6.7	-0.3	-4.8	-45.9	-19.3	-3.8
8132	ok	0.0	0.4	3.91e-03	11.8	11.8	11.8	11.8	7.5	-0.2	-4.6	-48.1	-17.2	-2.1
8133	ok	0.0	0.3	3.91e-03	11.8	11.8	11.8	11.8	7.0	0.4	-4.6	-40.3	-22.9	3.2
8134	ok	0.0	0.4	3.98e-03	11.8	11.8	11.8	11.8	8.0	0.5	-4.4	-43.7	-19.6	4.2
8135	ok	0.0	0.4	3.88e-03	11.8	11.8	11.8	11.8	6.8	6.78e-02	-4.7	-44.8	-21.6	-0.7
8136	ok	0.0	0.4	3.96e-03	11.8	11.8	11.8	11.8	7.7	0.1	-4.5	-47.6	-19.1	0.7
8137	ok	0.0	0.3	3.59e-03	11.8	11.8	11.8	11.8	7.3	1.0	-4.5	-21.7	-22.5	13.7
8138	ok	0.0	0.3	3.63e-03	11.8	11.8	11.8	11.8	8.6	1.0	-4.4	-26.0	-15.7	13.8
8139	ok	0.0	0.3	3.93e-03	11.8	11.8	11.8	11.8	7.2	0.7	-4.5	-32.5	-23.2	8.1
8140	ok	0.0	0.3	3.99e-03	11.8	11.8	11.8	11.8	8.3	0.7	-4.4	-36.5	-18.5	8.6
8141	ok	0.0	0.3	3.43e-03	11.8	11.8	11.8	11.8	4.8	0.3	-5.1	23.4	-18.7	28.1
8142	ok	0.0	0.4	3.56e-03	11.8	11.8	11.8	11.8	6.4	0.4	-5.2	24.4	-2.3	29.8
8143	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	4.8	-2.56e-02	-5.3	6.5	-19.7	24.3
8144	ok	0.0	0.3	3.59e-03	11.8	11.8	11.8	11.8	7.4	1.3	-4.6	-9.2	-21.3	19.1
8145	ok	0.0	0.2	3.63e-03	11.8	11.8	11.8	11.8	6.2	4.88e-02	-5.3	3.9	-7.2	24.6
8146	ok	0.0	0.3	3.63e-03	11.8	11.8	11.8	11.8	8.9	1.3	-4.5	-13.1	-12.0	19.2
8147	ok	0.0	0.5	3.41e-03	11.8	11.8	11.8	11.8	4.4	0.2	-4.1	51.7	-18.3	14.9
8148	ok	0.0	0.6	3.51e-03	11.8	11.8	11.8	11.8	8.1	1.5	-4.4	69.8	1.7	13.7
8149	ok	0.0	0.4	3.57e-03	11.8	11.8	11.8	11.8	4.6	0.4	-4.7	44.3	-19.3	25.9
8150	ok	0.0	0.6	3.60e-03	11.8	11.8	11.8	11.8	5.8	0.7	-4.9	54.8	0.2	28.8
8151	ok	0.0	0.4	3.43e-03	11.8	11.8	11.8	11.8	6.8	0.7	-3.9	42.8	-14.7	4.4
8152	ok	0.0	0.5	3.60e-03	11.8	11.8	11.8	11.8	7.6	0.9	-4.1	57.4	5.3	-1.4
8153	ok	0.0	0.3	3.42e-03	11.8	11.8	11.8	11.8	6.4	0.4	-3.8	31.3	-12.2	-1.2
8154	ok	0.0	0.4	3.57e-03	11.8	11.8	11.8	11.8	7.2	0.8	-4.0	40.6	8.4	-6.6
8155	ok	0.0	0.1	3.03e-03	11.8	11.8	11.8	11.8	3.6	-0.3	-2.1	-10.8	-6.7	-3.8
8156	ok	0.0	0.1	3.10e-03	11.8	11.8	11.8	11.8	3.1	8.6	-1.2	-9.8	12.9	-4.4
8157	ok	0.0	0.1	3.13e-03	11.8	11.8	11.8	11.8	6.2	0.5	-3.4	10.0	-8.4	-4.7
8158	ok	0.0	0.2	3.24e-03	11.8	11.8	11.8	11.8	6.9	0.8	-3.6	13.7	9.2	-9.1
8159	ok	0.0	0.3	2.87e-03	11.8	11.8	11.8	11.8	2.6	0.2	1.5	-38.8	-4.2	7.2
8160	ok	0.0	0.3	2.75e-03	11.8	11.8	11.8	11.8	3.7	1.1	1.1	-40.3	8.0	6.4
8161	ok	0.0	0.3	2.89e-03	11.8	11.8	11.8	11.8	3.1	9.04e-02	0.5	-38.4	-4.8	4.0
8162	ok	0.0	0.3	2.96e-03	11.8	11.8	11.8	11.8	3.5	-2.09e-02	-0.4	-33.7	-5.2	1.1
8163	ok	0.0	0.2	2.92e-03	11.8	11.8	11.8	11.8	3.4	-0.2	-1.3	-24.1	-6.0	-1.8
8164	ok	0.0	0.3	2.75e-03	11.8	11.8	11.8	11.8	4.2	0.9	0.1	-39.9	6.5	3.1
8165	ok	0.0	0.3	2.84e-03	11.8	11.8	11.8	11.8	4.6	0.7	-0.7	-34.9	6.3	-5.98e-02
8166	ok	0.0	0.2	2.93e-03	11.8	11.8	11.8	11.8	4.8	0.5	-1.4	-25.3	7.0	-3.1
8167	ok	0.0	0.3	2.80e-03	11.8	11.8	11.8	11.8	1.7	0.1	3.3	-30.4	-3.4	11.6
8168	ok	0.0	0.3	2.73e-03	11.8	11.8	11.8	11.8	2.6	1.2	2.7	-31.0	11.8	11.9
8169	ok	0.0	0.2	2.96e-03	11.8	11.8	11.8	11.8	-3.9	4.1	-16.0	-10.4	-9.9	7.4
8170	ok	0.0	0.3	2.78e-03	11.8	11.8	11.8	11.8	-1.2	-1.7	15.4	7.7	24.8	14.5
8171	ok	0.0	0.2	2.79e-03	11.8	11.8	11.8	11.8	0.7	-0.5	4.5	-19.0	-3.9	13.9
8172	ok	0.0	0.2	2.75e-03	11.8	11.8	11.8	11.8	1.8	1.0	4.1	-18.1	14.7	15.3
8173	ok	0.0	0.2	3.36e-03	11.8	11.8	11.8	11.8	-2.0	-4.4	17.1	15.7	8.8	7.5
8174	ok	0.0	0.3	3.30e-03	11.8	11.8	11.8	11.8	-1.3	-4.1	16.8	26.4	24.6	10.6
8175	ok	0.0	0.2	4.61e-03	11.8	11.8	11.8	11.8	1.3	-0.3	5.8	23.2	-9.4	-2.3
8176	ok	0.0	0.3	3.78e-03	11.8	11.8	11.8	11.8	-2.1	-8.3	17.8	34.7	26.6	-3.2
8177	ok	0.0	0.2	5.51e-03	11.8	11.8	11.8	11.8	0.1	-1.7	7.3	8.6	-7.8	-16.4
8178	ok	0.0	0.3	5.27e-03	11.8	11.8	11.8	11.8	0.8	-0.9	6.7	16.2	15.0	-19.6
8179	ok	0.0	0.2	5.03e-03	11.8	11.8	11.8	11.8	0.7	-1.0	6.5	18.9	-9.2	-11.3
8180	ok	0.0	0.3	4.78e-03	11.8	11.8	11.8	11.8	-6.0	-9.5	18.5	31.2	32.0	-11.8
8181	ok	0.0	0.2	6.61e-03	11.8	11.8	11.8	11.8	8.9	16.7	-17.1	-10.0	-14.7	-11.9
8182	ok	0.0	0.2	6.43e-03	11.8	11.8	11.8	11.8	-8.0	-18.7	24.3	-14.4	21.3	-9.0
8183	ok	0.0	0.2	6.01e-03	11.8	11.8	11.8	11.8	8.3	11.3	-8.5	-1.6	-16.8	-10.9
8184	ok	0.0	0.2	5.82e-03	11.8	11.8	11.8	11.8	-7.8	-14.4	22.9	-5.1	23.8	-12.4
8185	ok	0.0	0.2	7.65e-03	11.8	11.8	11.8	11.8	8.9	21.6	-17.3	-17.0	-15.9	-7.8
8186	ok	0.0	0.2	7.62e-03	11.8	11.8	11.8	11.8	-9.1	-28.8	24.6	-23.3	17.9	-3.4
8187	ok	0.0	0.2	8.81e-03	11.8	11.8	11.8	11.8	9.2	27.1	-17.6	-19.5	-17.7	-2.8
8188	ok	0.0	0.3	8.82e-03	11.8	11.8	11.8	11.8	-9.8	-39.5	25.6	-24.8	17.3	1.9
8189	ok	0.0	0.2	1.01e-02	11.8	11.8	11.8	11.8	-2.0	-21.5	11.2	-26.7	-10.9	4.8
8190	ok	0.0	0.3	1.03e-02	11.8	11.8	11.8	11.8	-7.9	-51.1	26.5	-23.9	21.8	4.6
8191	ok	0.0	0.3	1.27e-02	11.8	11.8	11.8	11.8	4.2	43.2	-15.1	-14.5	-24.1	10.5
8192	ok	0.0	0.3	1.29e-02	11.8	11.8	11.8	11.8	-10.9	-71.0	25.7	-16.8	29.3	9.3
8193	ok	0.0	0.4	1.46e-02	11.8	11.8	11.8	11.8	6.4	50.7	-15.4	-10.0	-25.8	13.3
8194	ok	0.0	0.4	1.51e-02	11.8	11.8	11.8	11.8	-5.6	-85.9	26.9	-10.3	36.8	12.5
8195	ok	0.0	0.6	4.24e-03	11.8	11.8	11.8	11.8	0.6	2.7	2.5	-69.6	-7.3	-16.9
8196	ok	0.0	0.4	1.71e-02	11.8	11.8	11.8	11.8	-10.0	-100.3	28.9	-8.5	41.2	11.1
8197	ok	0.0	0.6	1.03e-02	11.8	11.8	11.8	11.8	-1.7	-26.1	6.8	-3.5	-69.1	10.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8198	ok	0.0	0.7	7.47e-04	11.8	11.8	11.8	11.8	-0.4	7.7	-1.6	9.3	74.0	-21.5
8199	ok	0.0	0.6	1.68e-03	11.8	11.8	11.8	11.8	0.4	-2.6	5.2	52.3	-0.3	31.4
8200	ok	0.0	0.4	2.43e-03	11.8	11.8	11.8	11.8	-1.9	-2.1	-4.6	-35.3	4.3	-29.3
8201	ok	0.0	0.6	1.76e-03	11.8	11.8	11.8	11.8	5.6	-5.4	6.8	42.5	39.5	26.9
8202	ok	0.0	0.4	1.50e-03	11.8	11.8	11.8	11.8	0.4	-1.9	4.3	40.0	-0.2	24.4
8203	ok	0.0	1.0	1.46e-03	11.8	13.7	20.7	19.5	-5.9	3.6	-1.3	33.0	-151.0	-56.7
8204	ok	0.0	0.6	1.53e-03	11.8	11.8	11.8	11.8	8.24e-02	-2.2	3.9	53.6	-2.4	22.0
8205	ok	0.0	0.3	1.40e-03	11.8	11.8	11.8	11.8	4.7	2.8	8.3	31.2	5.0	13.1
8206	ok	0.0	0.5	1.60e-03	11.8	11.8	11.8	11.8	4.9	-2.3	7.3	54.0	34.2	6.8
8207	ok	0.0	0.6	1.49e-03	11.8	11.8	11.8	11.8	3.7	-3.9	6.9	61.3	35.7	13.0
8208	ok	0.0	0.1	1.50e-03	11.8	11.8	11.8	11.8	-7.1	-5.9	-4.6	-13.8	-6.3	-0.6
8209	ok	0.0	0.1	1.47e-03	11.8	11.8	11.8	11.8	3.2	-2.8	8.0	11.8	13.4	2.7
8210	ok	0.0	0.2	3.40e-03	11.8	11.8	11.8	11.8	-5.1	-8.9	-4.7	-8.6	24.1	-14.3
8211	ok	0.0	0.2	1.43e-03	11.8	11.8	11.8	11.8	6.7	-1.0	8.6	18.0	7.9	4.6
8212	ok	0.0	0.4	1.39e-03	11.8	11.8	11.8	11.8	3.8	-2.1	8.5	41.7	30.6	6.6
8213	ok	0.0	0.5	3.56e-03	11.8	11.8	11.8	11.8	-6.8	-17.5	3.8	-57.4	-21.6	-18.5
8214	ok	0.0	0.5	3.32e-03	11.8	11.8	11.8	11.8	-6.2	-15.0	-0.5	-58.1	-13.0	-21.4
8215	ok	0.0	0.3	1.84e-03	11.8	11.8	11.8	11.8	-2.4	-4.2	0.5	-38.4	-0.3	-3.3
8216	ok	0.0	0.3	1.84e-03	11.8	11.8	11.8	11.8	-2.0	-3.9	0.3	-38.3	-3.4	-1.9
8217	ok	0.0	0.6	3.34e-03	11.8	11.8	11.8	11.8	-6.3	-16.0	0.8	-60.4	-17.9	-21.5
8218	ok	0.0	0.3	1.72e-03	11.8	11.8	11.8	11.8	-2.3	-2.6	0.8	-32.5	-7.8	-3.1
8219	ok	0.0	0.2	1.63e-03	11.8	11.8	11.8	11.8	-6.9	-6.7	-4.9	-22.7	-7.4	-2.4
8220	ok	0.0	0.3	1.71e-03	11.8	11.8	11.8	11.8	-2.8	-3.7	0.9	-37.2	-1.1	-3.5
8221	ok	0.0	0.3	1.64e-03	11.8	11.8	11.8	11.8	0.3	-5.5	3.5	-27.1	-4.5	-4.4
8222	ok	0.0	0.2	1.59e-03	11.8	11.8	11.8	11.8	-6.4	-7.1	-4.7	-22.0	-3.6	-4.0
8223	ok	0.0	0.3	1.73e-03	11.8	11.8	11.8	11.8	-2.4	-3.4	0.6	-37.6	-5.2	-3.0
8224	ok	0.0	0.3	1.70e-03	11.8	11.8	11.8	11.8	-2.6	-2.8	1.0	-32.3	-5.8	-3.2
8225	ok	0.0	0.2	3.36e-03	11.8	11.8	11.8	11.8	-6.0	-11.8	-4.0	-24.3	16.2	-15.4
8226	ok	0.0	0.1	2.03e-03	11.8	11.8	11.8	11.8	-0.8	-4.9	-0.7	-12.7	10.8	9.7
8227	ok	0.0	0.2	2.10e-03	11.8	11.8	11.8	11.8	1.8	-4.2	0.5	-13.8	14.4	-3.4
8228	ok	0.0	0.2	2.08e-03	11.8	11.8	11.8	11.8	-1.2	-5.0	-0.5	-14.1	16.1	1.4
8229	ok	0.0	0.4	2.38e-03	11.8	11.8	11.8	11.8	-1.7	-2.2	-4.7	-39.2	2.4	-29.7
8230	ok	0.0	0.2	2.04e-03	11.8	11.8	11.8	11.8	2.2	-3.9	0.2	-9.4	7.7	13.6
8231	ok	0.0	0.2	2.03e-03	11.8	11.8	11.8	11.8	1.6	-4.0	0.7	-26.6	7.8	-3.1
8232	ok	0.0	0.3	1.96e-03	11.8	11.8	11.8	11.8	1.5	-3.7	0.9	-34.7	3.0	-3.2
8233	ok	0.0	0.2	2.01e-03	11.8	11.8	11.8	11.8	-1.5	-4.7	-0.3	-26.6	6.7	0.7
8234	ok	0.0	0.3	1.93e-03	11.8	11.8	11.8	11.8	1.7	-3.4	0.7	-34.2	0.9	-0.8
8235	ok	0.0	0.3	2.11e-03	11.8	11.8	11.8	11.8	-9.4	2.0	-3.7	12.2	25.6	11.9
8236	ok	0.0	0.2	2.16e-03	11.8	11.8	11.8	11.8	-8.4	1.8	-6.3	14.0	24.9	-3.4
8237	ok	0.0	0.2	2.16e-03	11.8	11.8	11.8	11.8	-7.6	-8.8	-6.2	14.0	24.8	1.5
8238	ok	0.0	1.0	2.99e-03	14.7	41.5	16.1	42.5	-5.4	-5.9	1.5	337.9	298.2	-63.2
8239	ok	0.0	0.8	2.31e-03	11.8	11.8	11.8	11.8	-4.1	-5.3	-0.6	101.3	30.6	6.4
8240	ok	0.0	1.0	2.32e-03	11.8	17.9	12.8	22.8	-6.5	3.8	-4.6	160.0	168.8	-2.7
8241	ok	0.0	1.0	2.49e-03	11.8	16.6	11.8	15.5	-10.5	4.1	-1.7	116.4	110.5	47.0
8242	ok	0.0	0.5	2.44e-03	11.8	11.8	11.8	11.8	-9.2	2.5	-3.5	30.9	49.5	14.9
8243	ok	0.0	0.6	2.32e-03	11.8	11.8	11.8	11.8	-4.7	4.2	-2.9	73.5	55.4	-5.5
8244	ok	0.0	0.4	2.31e-03	11.8	11.8	11.8	11.8	-5.5	3.2	-4.2	38.2	38.1	-7.9
8245	ok	0.0	0.9	2.65e-03	11.8	11.8	11.8	11.8	-1.3	-3.8	1.0	79.5	89.1	-24.5
8246	ok	0.0	0.5	2.42e-03	11.8	11.8	11.8	11.8	-5.7	3.1	-4.3	43.5	55.8	6.0
8247	ok	0.0	1.0	3.42e-03	11.8	17.1	11.8	14.5	-3.1	-3.7	-2.2	91.1	117.1	2.8
8248	ok	0.0	0.8	2.46e-03	11.8	11.8	11.8	11.8	-3.7	-5.6	-0.3	90.8	34.8	19.8
8249	ok	0.0	1.0	2.44e-03	11.8	14.8	11.8	12.5	-2.4	-4.5	-0.6	93.1	69.0	35.5
8250	ok	0.0	0.4	2.61e-03	11.8	11.8	11.8	11.8	2.1	-6.1	-1.6	-45.4	12.0	-5.3
8251	ok	0.0	0.3	2.61e-03	11.8	11.8	11.8	11.8	2.5	-6.5	-1.4	-41.2	13.0	-2.7
8252	ok	0.0	0.4	2.62e-03	11.8	11.8	11.8	11.8	2.3	-6.3	-1.5	-43.4	13.4	-4.0
8253	ok	0.0	0.3	2.62e-03	11.8	11.8	11.8	11.8	2.0	-5.9	-1.4	-34.7	16.4	-4.2
8254	ok	0.0	0.2	2.62e-03	11.8	11.8	11.8	11.8	1.9	-5.7	-1.2	-19.1	24.0	-2.5
8255	ok	0.0	0.3	2.58e-03	11.8	11.8	11.8	11.8	-2.5	-6.1	-1.3	2.4	36.5	-0.3
8256	ok	0.0	0.5	3.00e-03	11.8	11.8	11.8	11.8	-3.1	-7.5	-1.1	31.1	60.1	5.4
8257	ok	0.0	0.2	2.66e-03	11.8	11.8	11.8	11.8	2.3	-6.3	-1.2	-28.6	17.0	-7.12e-02
8258	ok	0.0	0.2	2.70e-03	11.8	11.8	11.8	11.8	-2.1	-6.9	-1.0	-10.5	21.9	4.2
8259	ok	0.0	0.3	2.68e-03	11.8	11.8	11.8	11.8	-2.4	-6.4	-0.8	13.1	28.0	10.3
8260	ok	0.0	0.5	2.71e-03	11.8	11.8	11.8	11.8	-2.8	-6.1	-0.4	46.7	35.7	17.8
8261	ok	0.0	0.3	2.66e-03	11.8	11.8	11.8	11.8	2.2	-6.1	-1.3	-31.9	18.0	-1.7
8262	ok	0.0	0.2	2.69e-03	11.8	11.8	11.8	11.8	-2.1	-6.7	-1.2	-15.3	25.0	1.9
8263	ok	0.0	0.3	2.67e-03	11.8	11.8	11.8	11.8	-2.4	-6.2	-1.0	7.4	34.9	7.4
8264	ok	0.0	0.6	2.79e-03	11.8	11.8	11.8	11.8	-2.6	-5.6	-1.1	40.2	62.0	14.3
8265	ok	0.0	0.4	2.56e-03	11.8	11.8	11.8	11.8	2.3	-5.9	-2.4	-48.8	11.3	-7.9
8266	ok	0.0	0.4	2.75e-03	11.8	11.8	11.8	11.8	2.9	-6.4	-2.2	-47.7	6.7	-6.6
8267	ok	0.0	0.4	2.65e-03	11.8	11.8	11.8	11.8	2.7	-6.2	-2.3	-48.1	9.2	-7.8
8268	ok	0.0	0.4	2.58e-03	11.8	11.8	11.8	11.8	2.3	-6.1	-2.1	-52.6	9.8	-7.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8269	ok	0.0	0.4	2.60e-03	11.8	11.8	11.8	11.8	2.2	-6.1	-1.9	-51.3	10.0	-6.2
8270	ok	0.0	0.4	2.77e-03	11.8	11.8	11.8	11.8	2.8	-6.6	-1.9	-50.6	7.9	-5.7
8271	ok	0.0	0.4	2.78e-03	11.8	11.8	11.8	11.8	2.6	-6.6	-1.7	-48.5	10.0	-4.5
8272	ok	0.0	0.4	2.67e-03	11.8	11.8	11.8	11.8	2.6	-6.3	-2.0	-51.5	9.4	-6.7
8273	ok	0.0	0.4	2.68e-03	11.8	11.8	11.8	11.8	2.5	-6.4	-1.8	-50.0	10.7	-5.6
8274	ok	0.0	0.6	2.35e-03	11.8	11.8	11.8	11.8	-1.3	-2.5	-5.6	68.4	14.8	6.6
8275	ok	0.0	0.4	2.64e-03	11.8	11.8	11.8	11.8	-2.12e-02	-4.3	-4.9	43.0	-10.1	15.9
8276	ok	0.0	0.5	2.53e-03	11.8	11.8	11.8	11.8	-0.4	-3.9	-5.0	49.4	-6.7	12.3
8277	ok	0.0	0.4	2.43e-03	11.8	11.8	11.8	11.8	-1.2	-3.7	-4.7	53.3	17.4	-4.5
8278	ok	0.0	0.3	2.50e-03	11.8	11.8	11.8	11.8	-2.6	7.3	1.6	29.2	23.9	-7.2
8279	ok	0.0	0.2	2.51e-03	11.8	11.8	11.8	11.8	-2.8	6.2	1.6	8.0	21.1	-8.0
8280	ok	0.0	0.2	2.53e-03	11.8	11.8	11.8	11.8	2.4	-5.1	-2.8	-22.0	17.5	-11.0
8281	ok	0.0	0.4	2.55e-03	11.8	11.8	11.8	11.8	2.4	-5.8	-2.5	-43.7	13.1	-8.7
8282	ok	0.0	0.3	2.65e-03	11.8	11.8	11.8	11.8	-0.1	-5.1	-4.5	28.1	-7.6	11.0
8283	ok	0.0	0.1	2.69e-03	11.8	11.8	11.8	11.8	9.4	-2.6	-0.5	10.3	-4.6	5.8
8284	ok	0.0	0.1	2.71e-03	11.8	11.8	11.8	11.8	4.0	-15.4	-7.0	-13.0	-5.3	0.7
8285	ok	0.0	0.2	2.73e-03	11.8	11.8	11.8	11.8	3.1	-5.6	-2.8	-24.5	5.2	-6.3
8286	ok	0.0	0.4	2.74e-03	11.8	11.8	11.8	11.8	3.0	-6.3	-2.4	-43.1	6.3	-7.0
8287	ok	0.0	0.3	2.54e-03	11.8	11.8	11.8	11.8	-0.8	-4.3	-4.8	40.9	4.4	1.4
8288	ok	0.0	0.2	2.58e-03	11.8	11.8	11.8	11.8	-0.8	6.8	2.6	18.9	10.6	-4.1
8289	ok	0.0	0.1	2.61e-03	11.8	11.8	11.8	11.8	-2.4	6.8	1.9	5.1	12.1	-5.3
8290	ok	0.0	0.2	2.63e-03	11.8	11.8	11.8	11.8	2.8	-5.3	-2.9	-22.7	10.3	-9.2
8291	ok	0.0	0.4	2.64e-03	11.8	11.8	11.8	11.8	2.7	-6.0	-2.5	-43.1	9.7	-8.4
8292	ok	0.0	0.6	2.40e-03	11.8	11.8	11.8	11.8	-0.9	-2.1	-6.4	67.3	14.3	14.3
8293	ok	0.0	0.5	2.67e-03	11.8	11.8	11.8	11.8	3.3	-2.1	-4.6	49.2	-11.5	17.6
8294	ok	0.0	0.5	2.56e-03	11.8	11.8	11.8	11.8	2.8	-1.6	-4.8	52.3	-8.2	15.9
8295	ok	0.0	0.4	2.62e-03	11.8	11.8	11.8	11.8	0.2	-2.5	-7.3	42.4	13.2	17.4
8296	ok	0.0	0.4	2.85e-03	11.8	11.8	11.8	11.8	3.9	-1.7	-5.2	47.6	-12.4	12.7
8297	ok	0.0	0.4	2.73e-03	11.8	11.8	11.8	11.8	3.6	-1.5	-5.6	42.1	-8.8	14.6
8298	ok	0.0	0.5	2.49e-03	11.8	11.8	11.8	11.8	-0.4	-2.3	-6.9	57.2	14.1	18.5
8299	ok	0.0	0.5	2.75e-03	11.8	11.8	11.8	11.8	3.5	-1.8	-4.9	51.6	-12.4	16.8
8300	ok	0.0	0.5	2.58e-03	11.8	11.8	11.8	11.8	3.2	-1.4	-5.3	50.3	-8.8	17.1
8301	ok	0.0	0.2	3.18e-03	11.8	11.8	11.8	11.8	1.0	-3.2	-6.2	-21.7	-10.2	-8.1
8302	ok	0.0	0.2	3.43e-03	11.8	11.8	11.8	11.8	2.2	-3.1	-5.9	-15.1	-11.1	-8.6
8303	ok	0.0	0.2	3.31e-03	11.8	11.8	11.8	11.8	4.6	-1.5	-5.4	-18.0	-12.1	-7.9
8304	ok	0.0	0.1	3.06e-03	11.8	11.8	11.8	11.8	1.0	-3.3	-6.3	-9.7	-7.0	-3.5
8305	ok	0.0	9.20e-02	2.93e-03	11.8	11.8	11.8	11.8	-4.1	-10.1	-8.1	7.1	7.1	4.2
8306	ok	0.0	0.2	2.78e-03	11.8	11.8	11.8	11.8	0.8	-3.0	-7.2	22.9	10.9	11.2
8307	ok	0.0	9.95e-02	3.33e-03	11.8	11.8	11.8	11.8	5.0	-1.6	-5.3	1.3	-10.1	-6.1
8308	ok	0.0	0.2	3.23e-03	11.8	11.8	11.8	11.8	4.7	-1.7	-5.4	19.3	-10.4	-1.2
8309	ok	0.0	0.3	3.06e-03	11.8	11.8	11.8	11.8	4.3	-1.7	-5.3	35.9	-11.6	5.7
8310	ok	0.0	0.1	3.20e-03	11.8	11.8	11.8	11.8	1.4	-3.3	-6.2	-4.2	-10.3	-4.0
8311	ok	0.0	0.1	3.07e-03	11.8	11.8	11.8	11.8	4.3	-1.7	-5.7	12.1	-9.4	1.8
8312	ok	0.0	0.3	2.91e-03	11.8	11.8	11.8	11.8	4.0	-1.6	-5.7	28.3	-8.9	8.7
8313	ok	0.0	0.3	3.32e-03	11.8	11.8	11.8	11.8	4.0	-1.3	-5.2	-34.7	-15.3	-11.9
8314	ok	0.0	0.3	3.54e-03	11.8	11.8	11.8	11.8	5.5	-1.0	-5.1	-33.6	-14.8	-9.6
8315	ok	0.0	0.3	3.43e-03	11.8	11.8	11.8	11.8	4.8	-1.1	-5.2	-33.9	-16.0	-10.5
8316	ok	0.0	0.3	3.25e-03	11.8	11.8	11.8	11.8	4.1	-1.5	-5.3	-29.2	-12.8	-10.5
8317	ok	0.0	0.3	3.49e-03	11.8	11.8	11.8	11.8	5.4	-1.2	-5.2	-25.5	-12.7	-9.6
8318	ok	0.0	0.3	3.37e-03	11.8	11.8	11.8	11.8	4.7	-1.3	-5.3	-27.1	-13.9	-9.8
8319	ok	0.0	0.4	3.38e-03	11.8	11.8	11.8	11.8	4.0	-1.1	-5.2	-37.6	-17.4	-12.3
8320	ok	0.0	0.3	3.60e-03	11.8	11.8	11.8	11.8	5.6	-0.9	-5.1	-38.5	-16.7	-9.0
8321	ok	0.0	0.4	3.49e-03	11.8	11.8	11.8	11.8	4.8	-1.0	-5.1	-37.8	-17.9	-10.5
8322	ok	0.0	0.4	3.45e-03	11.8	11.8	11.8	11.8	4.0	-0.9	-5.1	-39.0	-19.6	-12.1
8323	ok	0.0	0.4	3.66e-03	11.8	11.8	11.8	11.8	5.7	-0.6	-5.0	-41.8	-18.8	-8.0
8324	ok	0.0	0.4	3.56e-03	11.8	11.8	11.8	11.8	4.8	-0.7	-5.1	-40.2	-19.9	-10.0
8325	ok	0.0	0.4	3.53e-03	11.8	11.8	11.8	11.8	4.0	-0.6	-5.0	-38.2	-22.4	-11.0
8326	ok	0.0	0.4	3.73e-03	11.8	11.8	11.8	11.8	5.8	-0.4	-4.9	-43.2	-21.5	-6.0
8327	ok	0.0	0.4	3.63e-03	11.8	11.8	11.8	11.8	4.9	-0.5	-5.0	-40.6	-22.6	-8.3
8328	ok	0.0	0.3	3.69e-03	11.8	11.8	11.8	11.8	3.9	0.1	-4.7	-26.8	-28.3	-5.3
8329	ok	0.0	0.3	3.83e-03	11.8	11.8	11.8	11.8	5.9	0.3	-4.7	-35.9	-26.2	1.2
8330	ok	0.0	0.3	3.79e-03	11.8	11.8	11.8	11.8	4.9	0.2	-4.7	-31.4	-28.2	-1.8
8331	ok	0.0	0.3	3.64e-03	11.8	11.8	11.8	11.8	3.9	-0.2	-4.8	-34.0	-25.3	-8.6
8332	ok	0.0	0.3	3.79e-03	11.8	11.8	11.8	11.8	5.9	-1.73e-02	-4.8	-41.2	-24.1	-2.8
8333	ok	0.0	0.3	3.70e-03	11.8	11.8	11.8	11.8	4.9	-0.1	-4.8	-37.6	-25.5	-5.5
8334	ok	0.0	0.3	3.33e-03	11.8	11.8	11.8	11.8	3.6	0.9	-4.4	-5.0	-34.8	4.3
8335	ok	0.0	0.3	3.51e-03	11.8	11.8	11.8	11.8	6.0	1.0	-4.6	-16.5	-29.1	11.8
8336	ok	0.0	0.3	3.42e-03	11.8	11.8	11.8	11.8	4.8	1.0	-4.5	-11.0	-33.5	8.4
8337	ok	0.0	0.3	3.71e-03	11.8	11.8	11.8	11.8	3.8	0.5	-4.5	-16.8	-31.4	-1.0
8338	ok	0.0	0.3	3.91e-03	11.8	11.8	11.8	11.8	6.0	0.7	-4.6	-27.5	-27.9	6.1
8339	ok	0.0	0.3	3.81e-03	11.8	11.8	11.8	11.8	4.8	0.6	-4.6	-22.3	-30.9	3.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8340	ok	0.0	0.4	3.18e-03	11.8	11.8	11.8	11.8	1.0	-0.4	-5.0	26.4	-42.8	19.3
8341	ok	0.0	0.3	3.33e-03	11.8	11.8	11.8	11.8	3.4	3.04e-02	-5.0	22.8	-31.9	25.1
8342	ok	0.0	0.4	3.24e-03	11.8	11.8	11.8	11.8	2.1	-0.2	-5.0	23.5	-39.8	22.0
8343	ok	0.0	0.4	3.24e-03	11.8	11.8	11.8	11.8	1.0	-0.7	-5.1	18.6	-40.1	14.8
8344	ok	0.0	0.3	3.30e-03	11.8	11.8	11.8	11.8	1.1	-0.9	-5.3	8.3	-37.2	9.3
8345	ok	0.0	0.3	3.44e-03	11.8	11.8	11.8	11.8	3.4	-0.2	-5.2	9.6	-30.7	21.9
8346	ok	0.0	0.3	3.49e-03	11.8	11.8	11.8	11.8	6.0	1.3	-4.5	-4.7	-30.1	17.1
8347	ok	0.0	0.4	3.32e-03	11.8	11.8	11.8	11.8	2.2	-0.4	-5.2	13.2	-37.7	18.4
8348	ok	0.0	0.3	3.39e-03	11.8	11.8	11.8	11.8	2.2	-0.8	-5.3	2.2	-35.0	13.6
8349	ok	0.0	0.4	3.08e-03	11.8	11.8	11.8	11.8	1.3	-1.1	-4.2	25.2	-43.7	20.8
8350	ok	0.0	0.4	3.39e-03	11.8	11.8	11.8	11.8	3.3	-0.3	-4.1	38.1	-32.6	16.8
8351	ok	0.0	0.4	3.07e-03	11.8	11.8	11.8	11.8	2.3	-0.7	-4.1	29.9	-40.6	18.7
8352	ok	0.0	0.4	3.11e-03	11.8	11.8	11.8	11.8	1.1	-0.6	-4.7	30.0	-44.3	22.2
8353	ok	0.0	0.4	3.49e-03	11.8	11.8	11.8	11.8	3.3	3.10e-02	-4.6	35.8	-33.3	23.8
8354	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	2.2	-0.3	-4.6	31.2	-41.4	22.6
8355	ok	0.0	0.4	3.07e-03	11.8	11.8	11.8	11.8	1.4	-1.6	-3.7	15.9	-41.8	17.5
8356	ok	0.0	0.3	3.34e-03	11.8	11.8	11.8	11.8	5.8	0.6	-3.8	30.4	-29.7	9.5
8357	ok	0.0	0.3	3.05e-03	11.8	11.8	11.8	11.8	2.4	-1.1	-3.7	21.7	-38.3	13.8
8358	ok	0.0	0.4	3.09e-03	11.8	11.8	11.8	11.8	3.5	-0.5	-3.4	8.8	-40.9	14.3
8359	ok	0.0	0.2	3.08e-03	11.8	11.8	11.8	11.8	5.5	0.2	-3.6	21.7	-27.7	5.0
8360	ok	0.0	0.3	3.06e-03	11.8	11.8	11.8	11.8	4.4	-0.1	-3.4	14.5	-36.7	10.0
8361	ok	0.0	0.3	3.23e-03	11.8	11.8	11.8	11.8	1.4	-2.8	-1.5	-18.9	-35.6	7.7
8362	ok	0.0	0.2	3.02e-03	11.8	11.8	11.8	11.8	3.1	-1.0	-1.9	-13.0	-19.7	0.3
8363	ok	0.0	0.3	3.08e-03	11.8	11.8	11.8	11.8	2.2	-1.8	-1.7	-15.6	-29.6	4.3
8364	ok	0.0	0.3	3.16e-03	11.8	11.8	11.8	11.8	1.5	-2.4	-2.5	-5.5	-37.6	10.8
8365	ok	0.0	0.2	3.07e-03	11.8	11.8	11.8	11.8	5.3	6.57e-02	-3.2	5.2	-23.3	0.8
8366	ok	0.0	0.3	3.06e-03	11.8	11.8	11.8	11.8	2.4	-1.6	-2.6	-0.9	-32.5	6.5
8367	ok	0.0	0.3	3.03e-03	11.8	11.8	11.8	11.8	0.4	-3.4	2.9	-39.6	-37.0	4.1
8368	ok	0.0	0.3	2.94e-03	11.8	11.8	11.8	11.8	1.7	-1.0	2.1	-38.0	-17.3	6.8
8369	ok	0.0	0.3	3.00e-03	11.8	11.8	11.8	11.8	1.0	-2.2	2.5	-38.4	-28.4	5.7
8370	ok	0.0	0.3	3.07e-03	11.8	11.8	11.8	11.8	0.8	-3.3	1.7	-39.0	-35.4	4.4
8371	ok	0.0	0.3	3.14e-03	11.8	11.8	11.8	11.8	1.0	-3.2	0.5	-35.2	-34.6	4.9
8372	ok	0.0	0.3	3.21e-03	11.8	11.8	11.8	11.8	1.3	-3.0	-0.5	-28.3	-34.7	5.9
8373	ok	0.0	0.3	2.97e-03	11.8	11.8	11.8	11.8	2.2	-1.0	1.0	-37.6	-17.0	4.6
8374	ok	0.0	0.3	3.05e-03	11.8	11.8	11.8	11.8	2.5	-1.0	-7.49e-02	-33.2	-17.3	2.6
8375	ok	0.0	0.2	3.11e-03	11.8	11.8	11.8	11.8	2.8	-1.0	-1.0	-24.8	-18.1	1.0
8376	ok	0.0	0.3	3.03e-03	11.8	11.8	11.8	11.8	1.4	-2.1	1.3	-37.8	-27.5	4.8
8377	ok	0.0	0.3	3.10e-03	11.8	11.8	11.8	11.8	1.7	-2.0	0.2	-33.7	-27.3	4.0
8378	ok	0.0	0.3	3.18e-03	11.8	11.8	11.8	11.8	2.0	-2.0	-0.8	-26.1	-28.0	3.7
8379	ok	0.0	0.3	2.95e-03	11.8	11.8	11.8	11.8	-0.6	-3.9	4.7	-34.0	-41.4	4.0
8380	ok	0.0	0.3	2.85e-03	11.8	11.8	11.8	11.8	0.5	-1.4	3.8	-30.3	-19.2	10.0
8381	ok	0.0	0.3	2.90e-03	11.8	11.8	11.8	11.8	-0.1	-2.6	4.3	-31.9	-31.9	7.2
8382	ok	0.0	0.4	4.28e-03	11.8	11.8	11.8	11.8	-1.4	-4.5	7.0	-22.2	-47.6	1.2
8383	ok	0.0	0.2	3.15e-03	11.8	11.8	11.8	11.8	-0.4	-2.2	6.1	-11.3	-23.7	9.5
8384	ok	0.0	0.3	4.13e-03	11.8	11.8	11.8	11.8	-0.9	-3.4	6.6	-17.2	-37.6	5.2
8385	ok	0.0	0.4	3.47e-03	11.8	11.8	11.8	11.8	-1.0	-4.1	5.9	-28.6	-44.3	3.0
8386	ok	0.0	0.3	2.85e-03	11.8	11.8	11.8	11.8	3.96e-02	-1.7	5.0	-21.8	-21.1	10.7
8387	ok	0.0	0.3	2.92e-03	11.8	11.8	11.8	11.8	-0.5	-2.9	5.5	-25.2	-34.5	6.9
8388	ok	0.0	0.4	4.64e-03	11.8	11.8	11.8	11.8	-1.3	-4.2	8.3	-16.0	-50.4	-2.6
8389	ok	0.0	0.2	4.33e-03	11.8	11.8	11.8	11.8	-3.3	2.8	-10.5	-6.6	-24.1	3.8
8390	ok	0.0	0.3	4.50e-03	11.8	11.8	11.8	11.8	-1.4	-3.9	7.7	-9.2	-40.9	1.7
8391	ok	0.0	0.4	5.11e-03	11.8	11.8	11.8	11.8	-2.0	-4.6	9.6	-10.2	-53.2	-6.7
8392	ok	0.0	0.2	4.82e-03	11.8	11.8	11.8	11.8	0.5	-1.2	6.5	8.6	-28.8	-3.4
8393	ok	0.0	0.4	4.99e-03	11.8	11.8	11.8	11.8	-1.6	-3.7	9.1	-3.6	-43.2	-5.2
8394	ok	0.0	0.5	5.86e-03	11.8	11.8	11.8	11.8	-2.8	-5.7	11.0	-9.3	-53.9	-10.4
8395	ok	0.0	0.3	5.69e-03	11.8	11.8	11.8	11.8	-0.6	-2.5	7.9	1.4	-27.8	-13.4
8396	ok	0.0	0.4	5.81e-03	11.8	11.8	11.8	11.8	-2.5	-5.1	10.6	-5.9	-43.1	-11.4
8397	ok	0.0	0.5	5.48e-03	11.8	11.8	11.8	11.8	-2.4	-5.0	10.4	-8.7	-54.0	-9.1
8398	ok	0.0	0.3	5.24e-03	11.8	11.8	11.8	11.8	-1.96e-02	-1.6	7.2	6.9	-28.8	-9.7
8399	ok	0.0	0.4	5.40e-03	11.8	11.8	11.8	11.8	-2.1	-4.2	9.9	-3.3	-43.7	-9.1
8400	ok	0.0	0.4	6.66e-03	11.8	11.8	11.8	11.8	-3.3	-7.7	11.6	-12.9	-52.6	-9.2
8401	ok	0.0	0.3	6.69e-03	11.8	11.8	11.8	11.8	-2.4	-7.5	11.3	-13.3	-26.3	-12.3
8402	ok	0.0	0.4	6.69e-03	11.8	11.8	11.8	11.8	-3.0	-7.5	11.4	-13.2	-41.2	-10.7
8403	ok	0.0	0.5	6.21e-03	11.8	11.8	11.8	11.8	-3.1	-6.6	11.4	-10.9	-53.3	-10.3
8404	ok	0.0	0.3	6.14e-03	11.8	11.8	11.8	11.8	-2.3	-5.8	10.9	-7.1	-27.2	-13.8
8405	ok	0.0	0.4	6.20e-03	11.8	11.8	11.8	11.8	-2.8	-6.1	11.1	-9.5	-42.1	-11.8
8406	ok	0.0	0.4	7.41e-03	11.8	11.8	11.8	11.8	-3.4	-10.1	11.4	-15.6	-51.3	-5.2
8407	ok	0.0	0.3	7.66e-03	11.8	11.8	11.8	11.8	-2.5	-10.9	11.5	-20.7	-25.6	-7.0
8408	ok	0.0	0.3	7.58e-03	11.8	11.8	11.8	11.8	-3.1	-10.4	11.4	-18.1	-39.9	-6.2
8409	ok	0.0	0.4	8.17e-03	11.8	11.8	11.8	11.8	-3.5	-15.3	11.1	-16.5	-50.7	0.4
8410	ok	0.0	0.3	8.72e-03	11.8	11.8	11.8	11.8	-2.5	-14.8	11.1	-23.2	-25.9	-0.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8411	ok	0.0	0.3	8.49e-03	11.8	11.8	11.8	11.8	-3.1	-13.9	10.9	-19.6	-39.5	-0.5
8412	ok	0.0	0.5	8.92e-03	11.8	11.8	11.8	11.8	-3.3	-19.6	10.8	-15.4	-57.7	3.2
8413	ok	0.0	0.3	9.82e-03	11.8	11.8	11.8	11.8	-2.9	-20.9	11.2	-22.6	-28.9	3.9
8414	ok	0.0	0.4	9.42e-03	11.8	11.8	11.8	11.8	-3.3	-20.3	11.1	-18.9	-44.7	3.4
8415	ok	0.0	0.5	1.08e-02	11.8	11.8	11.8	11.8	-2.4	-26.2	8.8	-9.6	-58.2	10.6
8416	ok	0.0	0.4	1.23e-02	11.8	11.8	11.8	11.8	-2.7	-28.8	10.0	-16.5	-29.4	13.0
8417	ok	0.0	0.4	1.16e-02	11.8	11.8	11.8	11.8	-2.6	-27.7	9.5	-13.0	-45.2	12.0
8418	ok	0.0	0.7	4.22e-03	11.8	11.8	11.8	11.8	-1.4	2.5	1.8	-78.2	-18.1	-21.4
8419	ok	0.0	0.4	1.37e-02	11.8	11.8	11.8	11.8	5.7	51.1	-15.7	-7.2	-37.9	12.8
8420	ok	0.0	0.7	4.56e-03	11.8	11.8	11.8	11.8	6.1	3.2	4.4	-76.0	-6.0	-24.2
8421	ok	0.0	0.4	3.49e-03	11.8	11.8	11.8	11.8	-0.9	-7.3	-0.6	2.1	-52.9	13.0
8422	ok	0.0	0.5	1.16e-02	11.8	11.8	11.8	11.8	-1.8	-29.8	7.5	-5.0	-58.5	13.5
8423	ok	0.0	0.4	1.42e-02	11.8	11.8	11.8	11.8	4.4	54.4	-13.6	-5.9	-39.0	12.1
8424	ok	0.0	1.0	1.90e-02	31.8	14.3	26.0	27.5	-20.4	-113.1	30.0	53.2	164.7	-95.8
8425	ok	0.0	0.6	8.91e-03	11.8	11.8	11.8	11.8	-1.5	-22.4	6.1	-1.9	-75.3	8.3
8426	ok	0.0	0.6	7.82e-03	11.8	11.8	11.8	11.8	-1.5	-19.4	5.5	-0.1	-75.3	5.5
8427	ok	0.0	0.5	1.85e-03	11.8	11.8	11.8	11.8	-3.3	-7.8	7.0	42.1	42.3	16.2
8428	ok	0.0	0.7	1.80e-03	11.8	11.8	11.8	11.8	-2.6	-2.9	1.6	46.5	15.2	36.2
8429	ok	0.0	0.3	1.82e-03	11.8	11.8	11.8	11.8	0.9	-3.0	3.3	19.6	20.2	15.1
8430	ok	0.0	0.4	1.57e-03	11.8	11.8	11.8	11.8	-3.5	-3.5	4.5	29.7	14.0	22.1
8431	ok	0.0	0.2	1.72e-03	11.8	11.8	11.8	11.8	7.0	5.2	8.5	13.3	7.5	9.8
8432	ok	0.0	0.3	1.57e-03	11.8	11.8	11.8	11.8	5.6	3.2	8.5	20.8	5.7	13.8
8433	ok	0.0	0.2	1.66e-03	11.8	11.8	11.8	11.8	-1.5	-0.5	1.3	-19.7	-9.0	-1.8
8434	ok	0.0	0.1	1.59e-03	11.8	11.8	11.8	11.8	-9.4	-9.95e-02	-4.9	-17.1	-8.3	-1.6
8435	ok	0.0	8.87e-02	1.63e-03	11.8	11.8	11.8	11.8	-8.2	-3.8	-5.1	-10.3	-2.4	-0.8
8436	ok	0.0	0.1	1.53e-03	11.8	11.8	11.8	11.8	5.8	4.0	8.0	10.0	1.9	6.7
8437	ok	0.0	0.3	1.98e-03	11.8	11.8	11.8	11.8	-0.8	-2.9	-0.4	-30.9	-17.6	1.6
8438	ok	0.0	0.3	1.91e-03	11.8	11.8	11.8	11.8	-1.2	-3.3	-0.3	-34.5	-11.9	1.3
8439	ok	0.0	0.3	1.91e-03	11.8	11.8	11.8	11.8	-0.9	-2.3	-9.01e-02	-33.5	-17.5	-2.0
8440	ok	0.0	0.3	1.83e-03	11.8	11.8	11.8	11.8	-1.1	-1.6	0.3	-32.5	-16.0	-4.0
8441	ok	0.0	0.2	1.74e-03	11.8	11.8	11.8	11.8	-1.3	-1.0	0.8	-27.8	-13.2	-4.0
8442	ok	0.0	0.3	1.85e-03	11.8	11.8	11.8	11.8	-1.4	-2.6	0.1	-35.6	-12.8	-1.7
8443	ok	0.0	0.3	1.77e-03	11.8	11.8	11.8	11.8	-1.7	-2.0	0.5	-32.8	-12.2	-3.1
8444	ok	0.0	0.2	1.69e-03	11.8	11.8	11.8	11.8	-1.9	-1.5	1.0	-25.7	-10.2	-2.8
8445	ok	0.0	0.2	2.06e-03	11.8	11.8	11.8	11.8	-0.5	-4.7	-1.0	-4.7	-10.1	18.3
8446	ok	0.0	0.4	2.23e-03	11.8	11.8	11.8	11.8	-0.9	-2.8	-4.9	-34.6	3.4	-29.3
8447	ok	0.0	0.2	2.04e-03	11.8	11.8	11.8	11.8	-0.5	-4.2	-0.9	-16.3	-13.8	12.1
8448	ok	0.0	0.2	2.02e-03	11.8	11.8	11.8	11.8	-0.6	-3.6	-0.7	-25.1	-16.4	6.4
8449	ok	0.0	0.2	1.99e-03	11.8	11.8	11.8	11.8	-0.8	-4.3	-0.7	-21.5	-4.6	9.6
8450	ok	0.0	0.3	1.95e-03	11.8	11.8	11.8	11.8	-1.0	-3.8	-0.5	-29.8	-9.4	5.0
8451	ok	0.0	0.2	2.10e-03	11.8	11.8	11.8	11.8	-0.5	-5.0	-1.0	10.2	-5.6	24.2
8452	ok	0.0	0.3	2.46e-03	11.8	11.8	11.8	11.8	-0.7	-3.3	-5.1	-24.2	8.0	-29.0
8453	ok	0.0	0.6	2.69e-03	11.8	11.8	11.8	11.8	1.9	-6.8	-0.4	73.6	2.6	16.0
8454	ok	0.0	0.3	2.47e-03	11.8	11.8	11.8	11.8	1.4	-5.5	-1.5	-37.5	0.3	-6.6
8455	ok	0.0	0.6	2.40e-03	11.8	11.8	11.8	11.8	2.4	-6.4	0.2	59.0	1.1	29.5
8456	ok	0.0	0.4	2.20e-03	11.8	11.8	11.8	11.8	2.3	-5.7	0.5	30.9	-2.0	30.4
8457	ok	0.0	0.8	3.27e-03	11.8	11.8	11.8	11.8	1.8	-10.2	-4.3	91.0	42.1	-19.5
8458	ok	0.0	0.3	2.41e-03	11.8	11.8	11.8	11.8	-2.2	-6.1	-2.1	-37.6	-6.7	-5.5
8459	ok	0.0	0.6	3.04e-03	11.8	11.8	11.8	11.8	1.9	-6.9	-0.7	67.9	12.7	-6.2
8460	ok	0.0	0.9	3.10e-03	11.8	11.8	11.8	11.8	3.0	-4.2	-2.2	70.6	42.9	-16.6
8461	ok	0.0	0.6	2.21e-03	11.8	11.8	11.8	11.8	-0.7	-7.1	-0.5	30.6	60.3	31.1
8462	ok	0.0	0.4	2.54e-03	11.8	11.8	11.8	11.8	1.8	-5.8	-1.7	-46.8	7.1	-6.1
8463	ok	0.0	0.8	2.74e-03	11.8	11.8	11.8	11.8	0.5	-6.9	-1.5	96.2	16.5	17.9
8464	ok	0.0	0.4	1.95e-03	11.8	11.8	11.8	11.8	4.1	-1.6	4.1	-32.5	-10.4	-21.5
8465	ok	0.0	0.5	3.34e-03	11.8	11.8	11.8	11.8	-6.2	-14.0	-1.7	-52.6	-6.5	-20.7
8466	ok	0.0	0.3	2.83e-03	11.8	11.8	11.8	11.8	1.4	-6.2	-1.3	24.0	9.0	-8.1
8467	ok	0.0	0.3	2.55e-03	11.8	11.8	11.8	11.8	1.7	-5.7	-1.5	-36.7	9.9	-6.3
8468	ok	0.0	0.2	2.54e-03	11.8	11.8	11.8	11.8	1.7	-5.6	-1.3	-21.9	15.5	-6.8
8469	ok	0.0	0.2	2.56e-03	11.8	11.8	11.8	11.8	-2.5	-6.1	-1.7	-1.2	24.4	-7.4
8470	ok	0.0	0.4	2.93e-03	11.8	11.8	11.8	11.8	1.4	-7.8	-2.0	32.2	45.8	-9.7
8471	ok	0.0	0.4	2.40e-03	11.8	11.8	11.8	11.8	1.4	-5.5	-2.4	-50.3	9.9	-1.7
8472	ok	0.0	0.4	2.47e-03	11.8	11.8	11.8	11.8	1.9	-5.7	-2.4	-49.9	12.1	-6.0
8473	ok	0.0	0.4	2.43e-03	11.8	11.8	11.8	11.8	1.4	-5.6	-2.2	-53.7	4.1	-2.5
8474	ok	0.0	0.4	2.44e-03	11.8	11.8	11.8	11.8	-2.1	-6.4	-2.6	-52.6	-2.7	-2.7
8475	ok	0.0	0.4	2.50e-03	11.8	11.8	11.8	11.8	1.9	-5.8	-2.2	-53.5	8.3	-5.6
8476	ok	0.0	0.4	2.52e-03	11.8	11.8	11.8	11.8	1.8	-5.8	-1.9	-52.3	6.8	-5.8
8477	ok	0.0	1.0	2.58e-03	11.8	18.8	13.7	23.1	-6.8	9.1	1.0	149.8	185.8	34.9
8478	ok	0.0	0.9	2.22e-03	11.8	11.8	11.8	11.8	2.8	-0.9	-5.5	105.7	38.8	3.9
8479	ok	0.0	1.0	2.25e-03	11.8	14.9	11.8	15.8	-1.0	-2.9	-3.9	113.2	123.5	-37.9
8480	ok	0.0	0.7	2.45e-03	11.8	11.8	11.8	11.8	-2.5	-2.0	-3.5	34.4	82.5	-10.5
8481	ok	0.0	0.4	2.28e-03	11.8	11.8	11.8	11.8	0.8	-4.7	-2.6	-2.1	48.8	-5.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8482	ok	0.0	0.3	2.32e-03	11.8	11.8	11.8	11.8	1.1	-4.8	-2.6	-25.1	33.0	-2.7
8483	ok	0.0	0.4	2.37e-03	11.8	11.8	11.8	11.8	1.3	-5.4	-2.5	-45.5	15.2	-1.7
8484	ok	0.0	0.7	2.33e-03	11.8	11.8	11.8	11.8	-5.2	-3.5	-4.9	84.2	45.4	-13.4
8485	ok	0.0	0.5	2.43e-03	11.8	11.8	11.8	11.8	-2.4	-5.0	-4.2	35.5	47.0	-16.5
8486	ok	0.0	0.3	2.39e-03	11.8	11.8	11.8	11.8	-3.9	5.8	-0.7	9.8	33.7	-6.7
8487	ok	0.0	0.2	2.41e-03	11.8	11.8	11.8	11.8	1.8	-5.0	-2.7	-23.0	26.9	-9.6
8488	ok	0.0	0.4	2.44e-03	11.8	11.8	11.8	11.8	1.9	-5.6	-2.5	-45.0	15.6	-6.4
8605	ok	0.0	1.0	2.14e-03	11.8	19.7	11.8	16.0	-2.3	-3.3	-6.1	126.2	111.9	36.8
8606	ok	0.0	0.9	2.33e-03	11.8	11.8	11.8	11.8	-1.2	0.5	-9.4	101.0	42.3	17.1
8607	ok	0.0	0.6	2.69e-03	11.8	11.8	11.8	11.8	0.5	-4.8	-7.3	34.2	69.7	11.3
8608	ok	0.0	0.5	2.59e-03	11.8	11.8	11.8	11.8	1.4	-2.6	-8.1	41.4	38.8	17.9
8609	ok	0.0	0.9	2.62e-03	11.8	11.8	11.8	11.8	4.0	1.1	-12.2	67.9	95.4	22.4
8610	ok	0.0	0.7	2.47e-03	11.8	11.8	11.8	11.8	0.7	-1.4	-8.6	73.4	43.0	25.1
8611	ok	0.0	0.3	2.96e-03	11.8	11.8	11.8	11.8	-0.5	-3.6	-6.3	-31.5	7.7	-16.2
8612	ok	0.0	0.3	3.10e-03	11.8	11.8	11.8	11.8	0.3	-3.3	-6.2	-26.1	-6.1	-10.1
8613	ok	0.0	0.2	2.82e-03	11.8	11.8	11.8	11.8	-0.3	-3.8	-6.4	-23.2	16.1	-11.9
8614	ok	0.0	0.2	2.69e-03	11.8	11.8	11.8	11.8	-4.26e-02	-4.0	-6.5	-10.6	27.2	-6.2
8615	ok	0.0	0.3	2.57e-03	11.8	11.8	11.8	11.8	3.5	-2.8	-6.2	7.9	41.9	1.5
8616	ok	0.0	0.2	2.98e-03	11.8	11.8	11.8	11.8	0.5	-3.7	-6.6	-16.7	10.4	-6.0
8617	ok	0.0	0.1	2.85e-03	11.8	11.8	11.8	11.8	0.7	-3.7	-6.8	-2.8	18.3	1.1
8618	ok	0.0	0.3	2.72e-03	11.8	11.8	11.8	11.8	4.1	-2.3	-6.7	15.7	27.6	9.6
8619	ok	0.0	0.4	3.05e-03	11.8	11.8	11.8	11.8	2.3	-1.7	-5.3	-38.3	-6.5	-19.2
8620	ok	0.0	0.4	3.19e-03	11.8	11.8	11.8	11.8	3.2	-1.4	-5.2	-36.0	-12.7	-14.2
8621	ok	0.0	0.4	2.97e-03	11.8	11.8	11.8	11.8	-0.6	-3.5	-6.3	-35.4	2.6	-18.7
8622	ok	0.0	0.3	3.11e-03	11.8	11.8	11.8	11.8	0.3	-3.2	-6.1	-32.0	-9.7	-12.6
8623	ok	0.0	0.4	3.12e-03	11.8	11.8	11.8	11.8	2.2	-1.5	-5.2	-38.7	-9.2	-19.9
8624	ok	0.0	0.4	3.26e-03	11.8	11.8	11.8	11.8	3.1	-1.2	-5.1	-37.6	-15.1	-14.8
8625	ok	0.0	0.4	3.21e-03	11.8	11.8	11.8	11.8	2.1	-1.3	-5.1	-37.4	-11.5	-20.0
8626	ok	0.0	0.4	3.33e-03	11.8	11.8	11.8	11.8	3.1	-1.0	-5.0	-37.9	-17.3	-14.9
8627	ok	0.0	0.4	3.30e-03	11.8	11.8	11.8	11.8	2.0	-1.0	-5.0	-33.2	-14.1	-19.4
8628	ok	0.0	0.4	3.42e-03	11.8	11.8	11.8	11.8	3.0	-0.7	-4.9	-35.7	-20.0	-14.2
8629	ok	0.0	0.3	3.51e-03	11.8	11.8	11.8	11.8	1.7	-0.3	-4.4	-16.7	-19.4	-13.5
8630	ok	0.0	0.3	3.60e-03	11.8	11.8	11.8	11.8	2.8	-4.91e-02	-4.6	-21.7	-25.5	-9.6
8631	ok	0.0	0.3	3.43e-03	11.8	11.8	11.8	11.8	1.9	-0.6	-4.6	-26.4	-17.7	-15.8
8632	ok	0.0	0.3	3.53e-03	11.8	11.8	11.8	11.8	2.9	-0.4	-4.7	-30.2	-22.7	-12.4
8633	ok	0.0	0.2	3.21e-03	11.8	11.8	11.8	11.8	-1.1	-1.8	-5.3	13.9	-22.2	-7.2
8634	ok	0.0	0.3	3.26e-03	11.8	11.8	11.8	11.8	8.08e-03	-1.5	-5.4	5.1	-30.9	-1.8
8635	ok	0.0	0.2	3.20e-03	11.8	11.8	11.8	11.8	1.6	0.1	-4.2	-4.1	-21.0	-10.4
8636	ok	0.0	0.2	3.26e-03	11.8	11.8	11.8	11.8	2.7	0.3	-4.4	-10.5	-28.4	-5.9
8637	ok	0.0	0.4	3.14e-03	11.8	11.8	11.8	11.8	-1.4	-0.6	-5.1	45.2	-30.7	14.6
8638	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	-0.2	-0.6	-5.0	33.4	-40.2	16.8
8639	ok	0.0	0.3	3.16e-03	11.8	11.8	11.8	11.8	-1.4	-0.8	-5.0	39.1	-28.2	5.8
8640	ok	0.0	0.2	3.19e-03	11.8	11.8	11.8	11.8	-1.3	-1.3	-5.1	27.7	-25.1	-1.6
8641	ok	0.0	0.3	3.19e-03	11.8	11.8	11.8	11.8	-0.2	-0.8	-5.1	26.9	-37.7	10.4
8642	ok	0.0	0.3	3.23e-03	11.8	11.8	11.8	11.8	-9.21e-02	-1.1	-5.2	17.0	-34.4	4.0
8643	ok	0.0	0.4	3.27e-03	11.8	11.8	11.8	11.8	-0.5	-2.1	-4.9	24.5	-31.7	26.4
8644	ok	0.0	0.4	3.13e-03	11.8	11.8	11.8	11.8	0.3	-1.6	-4.5	23.5	-41.1	23.5
8645	ok	0.0	0.4	3.16e-03	11.8	11.8	11.8	11.8	-1.0	-0.9	-5.2	40.4	-32.1	23.6
8646	ok	0.0	0.4	3.13e-03	11.8	11.8	11.8	11.8	-3.31e-02	-0.8	-4.9	32.9	-41.8	22.3
8647	ok	0.0	0.4	3.39e-03	11.8	11.8	11.8	11.8	1.8	-1.2	-4.3	9.5	-31.9	24.1
8648	ok	0.0	0.4	3.13e-03	11.8	11.8	11.8	11.8	2.7	-0.5	-4.0	12.1	-39.9	21.2
8649	ok	0.0	0.4	3.36e-03	11.8	11.8	11.8	11.8	5.33e-02	-3.8	-3.7	-0.8	-32.2	21.6
8650	ok	0.0	0.4	3.34e-03	11.8	11.8	11.8	11.8	2.5	-1.1	-3.4	4.0	-40.1	18.2
8651	ok	0.0	0.4	3.05e-03	11.8	11.8	11.8	11.8	0.1	-5.2	-1.3	-28.2	-35.5	11.4
8652	ok	0.0	0.4	3.28e-03	11.8	11.8	11.8	11.8	0.8	-4.0	-1.4	-23.4	-37.6	10.4
8653	ok	0.0	0.4	3.11e-03	11.8	11.8	11.8	11.8	0.1	-4.6	-2.5	-15.6	-33.6	16.6
8654	ok	0.0	0.4	3.32e-03	11.8	11.8	11.8	11.8	0.8	-3.5	-2.5	-10.7	-38.0	14.5
8655	ok	0.0	0.4	2.99e-03	11.8	11.8	11.8	11.8	-0.5	-6.4	3.6	-45.6	-45.3	-1.2
8656	ok	0.0	0.4	2.90e-03	11.8	11.8	11.8	11.8	-0.1	-4.9	3.3	-42.0	-43.1	1.8
8657	ok	0.0	0.4	2.71e-03	11.8	11.8	11.8	11.8	-0.3	-6.2	2.3	-45.2	-42.4	1.3
8658	ok	0.0	0.4	2.68e-03	11.8	11.8	11.8	11.8	-0.1	-6.0	1.1	-42.2	-39.8	4.1
8659	ok	0.0	0.4	2.78e-03	11.8	11.8	11.8	11.8	5.93e-04	-5.7	-0.1	-36.5	-37.5	7.5
8660	ok	0.0	0.4	2.73e-03	11.8	11.8	11.8	11.8	0.1	-4.7	2.0	-41.4	-40.8	3.3
8661	ok	0.0	0.4	3.19e-03	11.8	11.8	11.8	11.8	0.4	-4.5	0.8	-38.1	-39.2	5.1
8662	ok	0.0	0.4	3.26e-03	11.8	11.8	11.8	11.8	0.7	-4.3	-0.3	-32.1	-37.9	7.5
8663	ok	0.0	0.4	3.36e-03	11.8	11.8	11.8	11.8	-0.9	-6.6	5.6	-41.4	-50.3	-4.7
8664	ok	0.0	0.4	3.31e-03	11.8	11.8	11.8	11.8	-0.5	-5.1	5.3	-38.2	-47.4	-0.6
8665	ok	0.0	0.5	4.51e-03	11.8	11.8	11.8	11.8	-1.5	-6.7	8.1	-30.6	-56.9	-8.6
8666	ok	0.0	0.4	4.40e-03	11.8	11.8	11.8	11.8	-1.2	-5.3	7.7	-27.4	-54.1	-4.2
8667	ok	0.0	0.5	4.10e-03	11.8	11.8	11.8	11.8	-1.2	-6.7	6.9	-36.5	-53.6	-6.7
8668	ok	0.0	0.4	3.54e-03	11.8	11.8	11.8	11.8	-0.8	-5.2	6.5	-33.2	-50.8	-2.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8669	ok	0.0	0.5	4.85e-03	11.8	11.8	11.8	11.8	-1.9	-6.6	9.3	-23.9	-60.2	-10.3
8670	ok	0.0	0.5	4.75e-03	11.8	11.8	11.8	11.8	-1.7	-5.4	8.9	-21.0	-57.4	-6.4
8671	ok	0.0	0.5	5.27e-03	11.8	11.8	11.8	11.8	-2.4	-6.6	10.6	-16.6	-63.3	-11.4
8672	ok	0.0	0.5	5.21e-03	11.8	11.8	11.8	11.8	-2.2	-5.6	10.1	-14.8	-60.4	-8.9
8673	ok	0.0	0.5	5.83e-03	11.8	11.8	11.8	11.8	-3.0	-6.8	11.8	-10.5	-65.2	-10.4
8674	ok	0.0	0.5	5.88e-03	11.8	11.8	11.8	11.8	-3.0	-6.3	11.4	-11.1	-61.9	-10.1
8675	ok	0.0	0.5	5.56e-03	11.8	11.8	11.8	11.8	-2.7	-6.6	11.3	-12.9	-64.6	-11.3
8676	ok	0.0	0.5	5.55e-03	11.8	11.8	11.8	11.8	-2.6	-5.9	10.9	-12.1	-61.5	-9.9
8677	ok	0.0	0.5	6.37e-03	11.8	11.8	11.8	11.8	-3.4	-7.6	11.9	-9.3	-64.8	-7.3
8678	ok	0.0	0.5	6.56e-03	11.8	11.8	11.8	11.8	-3.4	-7.7	11.8	-11.7	-61.1	-8.0
8679	ok	0.0	0.5	6.08e-03	11.8	11.8	11.8	11.8	-3.3	-7.1	12.0	-9.6	-65.1	-9.1
8680	ok	0.0	0.5	6.17e-03	11.8	11.8	11.8	11.8	-3.2	-6.9	11.7	-11.1	-61.6	-9.4
8681	ok	0.0	0.5	6.78e-03	11.8	11.8	11.8	11.8	-3.4	-9.1	11.4	-9.4	-64.4	-3.7
8682	ok	0.0	0.5	7.14e-03	11.8	11.8	11.8	11.8	-3.5	-9.5	11.5	-12.6	-60.3	-4.4
8683	ok	0.0	0.6	7.09e-03	11.8	11.8	11.8	11.8	-3.0	-11.1	10.0	-8.9	-69.7	-2.2
8684	ok	0.0	0.5	7.71e-03	11.8	11.8	11.8	11.8	-3.4	-14.5	10.6	-13.0	-59.9	0.4
8685	ok	0.0	0.6	7.65e-03	11.8	11.8	11.8	11.8	-3.4	-17.2	10.1	-8.0	-74.4	2.6
8686	ok	0.0	0.5	8.31e-03	11.8	11.8	11.8	11.8	-3.0	-18.5	10.3	-11.5	-68.5	2.8
8687	ok	0.0	0.7	2.22e-02	11.8	11.8	11.8	11.8	-5.1	-158.3	37.9	8.8	84.7	-18.4
8688	ok	0.0	0.5	9.90e-03	11.8	11.8	11.8	11.8	-2.2	-24.1	7.9	-6.1	-69.1	8.8
8689	ok	0.0	0.4	3.31e-03	11.8	11.8	11.8	11.8	-0.3	-13.7	3.8	-3.1	-52.4	10.5
8690	ok	0.0	0.6	1.87e-02	11.8	11.8	11.8	11.8	-17.8	-128.5	37.0	1.9	76.7	-6.0
8691	ok	0.0	0.5	6.54e-03	11.8	11.8	11.8	11.8	-0.7	-16.5	3.3	-1.7	-66.9	11.8
8692	ok	0.0	0.4	1.55e-02	11.8	11.8	11.8	11.8	2.2	42.5	-9.5	-6.3	-33.0	14.3
8693	ok	0.0	0.6	2.79e-03	11.8	11.8	11.8	11.8	-6.2	-7.2	-4.8	-59.4	-40.8	-21.6
8694	ok	0.0	0.4	1.65e-02	11.8	11.8	11.8	11.8	2.1	52.3	-11.9	-1.3	-28.2	5.0
8695	ok	0.0	1.0	1.55e-02	11.8	17.4	21.6	27.1	2.1	18.1	-6.0	83.9	186.4	-79.3
8696	ok	0.0	1.0	3.79e-04	11.8	11.8	11.8	17.2	12.3	18.7	8.3	15.2	159.5	-12.8
8697	ok	0.0	0.2	4.46e-03	11.8	11.8	11.8	11.8	2.7	0.6	0.9	3.2	7.8	7.2
8698	ok	0.0	0.5	4.41e-03	11.8	11.8	11.8	11.8	-3.87e-02	-1.3	-1.5	33.0	17.7	29.7
8700	ok	0.0	0.7	8.89e-02	11.8	11.8	11.8	11.8	32.4	-531.0	8.1	-21.0	-75.4	19.4
8701	ok	0.0	0.5	0.1	11.8	11.8	11.8	11.8	-14.7	-682.8	6.1	3.1	-46.1	0.3
8702	ok	0.0	0.5	4.13e-03	11.8	11.8	11.8	11.8	-4.5	2.1	1.2	-65.5	-8.8	-8.7
8703	ok	0.0	0.6	4.30e-02	11.8	11.8	11.8	11.8	3.4	89.3	-4.6	-2.6	-55.7	-2.2
8705	ok	0.0	0.8	2.58e-03	11.8	11.8	11.8	11.8	2.3	1.3	3.6	80.9	23.7	27.5
8706	ok	0.0	0.8	3.78e-03	11.8	11.8	11.8	11.8	3.3	1.1	-0.8	68.3	21.6	47.8
8707	ok	0.0	0.6	4.01e-03	11.8	11.8	11.8	11.8	-13.3	-14.7	-0.7	-51.8	-35.8	-25.2
8710	ok	0.0	0.4	2.21e-03	11.8	11.8	11.8	11.8	-0.5	-0.6	2.0	41.8	30.3	6.2
8711	ok	0.0	0.3	2.01e-03	11.8	11.8	11.8	11.8	3.1	4.3	4.7	15.8	15.2	9.1
8712	ok	0.0	0.1	2.06e-03	11.8	11.8	11.8	11.8	12.7	4.7	9.6	9.3	6.9	7.2
8713	ok	0.0	0.2	1.73e-03	11.8	11.8	11.8	11.8	-0.7	-0.1	1.1	-22.9	-10.4	-4.3
8714	ok	0.0	0.1	1.99e-03	11.8	11.8	11.8	11.8	-8.5	-4.5	-5.6	-12.5	-2.9	-2.6
8715	ok	0.0	0.2	2.06e-03	11.8	11.8	11.8	11.8	-0.4	-2.7	-0.5	-27.4	-21.8	1.0
8716	ok	0.0	0.3	1.98e-03	11.8	11.8	11.8	11.8	-0.5	-1.9	-0.2	-31.3	-20.7	-3.0
8717	ok	0.0	0.3	1.89e-03	11.8	11.8	11.8	11.8	-0.5	-1.3	0.2	-31.8	-18.6	-5.3
8718	ok	0.0	0.3	1.79e-03	11.8	11.8	11.8	11.8	-0.6	-0.7	0.7	-29.0	-15.2	-5.7
8719	ok	0.0	0.3	2.13e-03	11.8	11.8	11.8	11.8	-0.3	-4.6	-1.0	-0.4	-20.1	18.5
8720	ok	0.0	0.2	2.14e-03	11.8	11.8	11.8	11.8	-0.3	-4.1	-0.9	-11.5	-21.3	12.3
8721	ok	0.0	0.2	2.11e-03	11.8	11.8	11.8	11.8	-0.3	-3.4	-0.8	-20.8	-21.9	6.1
8722	ok	0.0	0.3	2.14e-03	11.8	11.8	11.8	11.8	-0.4	-5.1	-0.9	12.6	-18.8	24.2
8723	ok	0.0	0.4	2.53e-03	11.8	11.8	11.8	11.8	-1.2	-6.3	-1.0	44.9	-17.9	16.0
8724	ok	0.0	0.4	2.30e-03	11.8	11.8	11.8	11.8	-0.9	-6.0	-0.8	39.9	-18.2	24.7
8725	ok	0.0	0.3	2.20e-03	11.8	11.8	11.8	11.8	-0.6	-5.6	-0.8	27.4	-18.0	27.2
8726	ok	0.0	0.3	2.78e-03	11.8	11.8	11.8	11.8	-1.6	-6.4	-1.3	36.1	-15.5	3.8
8727	ok	0.0	0.9	2.83e-03	11.8	11.8	11.8	11.8	-0.5	-10.5	0.4	84.8	58.3	32.3
8728	ok	0.0	0.2	2.48e-03	11.8	11.8	11.8	11.8	1.4	-5.5	-1.3	-22.7	5.1	-7.9
8729	ok	0.0	0.2	2.41e-03	11.8	11.8	11.8	11.8	1.1	-5.3	-1.4	-24.2	-9.7	-6.4
8730	ok	0.0	0.1	2.53e-03	11.8	11.8	11.8	11.8	1.1	-5.4	-1.2	-6.5	-10.0	-6.6
8731	ok	0.0	0.2	2.67e-03	11.8	11.8	11.8	11.8	1.4	-5.8	-1.1	16.2	-11.7	-4.5
8732	ok	0.0	0.6	2.91e-03	11.8	11.8	11.8	11.8	0.3	-7.1	-5.7	48.9	35.7	-25.8
8733	ok	0.0	0.4	2.11e-03	11.8	11.8	11.8	11.8	-0.3	-5.1	-1.6	-3.8	37.5	21.1
8734	ok	0.0	0.4	2.45e-03	11.8	11.8	11.8	11.8	-2.2	-6.2	-2.6	-52.0	-6.8	-0.8
8735	ok	0.0	1.0	3.29e-03	20.7	44.7	23.9	46.5	5.2	-22.1	-11.0	346.9	342.4	80.9
8736	ok	0.0	1.0	2.46e-03	11.8	18.1	11.8	17.4	-10.3	5.3	-4.4	125.4	117.0	59.2
8737	ok	0.0	0.7	2.71e-03	11.8	11.8	11.8	11.8	-4.5	-10.1	-2.8	26.8	91.1	4.5
8738	ok	0.0	0.4	2.22e-03	11.8	11.8	11.8	11.8	0.2	-4.5	-2.1	-3.8	51.4	6.2
8739	ok	0.0	0.2	2.23e-03	11.8	11.8	11.8	11.8	0.4	-5.1	-2.3	-26.0	29.6	8.6
8740	ok	0.0	0.2	2.24e-03	11.8	11.8	11.8	11.8	7.96e-02	-5.1	-2.1	-25.3	23.7	15.6
8741	ok	0.0	1.0	5.40e-03	11.8	24.5	11.8	21.1	-3.2	-1.1	5.1	199.7	149.2	42.6
8742	ok	0.0	0.7	2.70e-03	11.8	11.8	11.8	11.8	3.0	-3.0	-6.3	27.8	83.7	-7.3
8743	ok	0.0	1.0	3.43e-03	11.8	11.8	11.8	12.1	3.0	-5.9	-8.2	62.9	120.6	-5.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8744	ok	0.0	0.3	2.84e-03	11.8	11.8	11.8	11.8	-1.3	-3.7	-6.2	-34.6	9.5	-20.9
8745	ok	0.0	0.3	2.73e-03	11.8	11.8	11.8	11.8	-1.1	-3.9	-6.2	-27.4	18.0	-17.8
8746	ok	0.0	0.3	2.57e-03	11.8	11.8	11.8	11.8	-0.9	-4.1	-6.2	-15.8	30.0	-14.1
8747	ok	0.0	0.4	2.45e-03	11.8	11.8	11.8	11.8	2.5	-3.2	-5.8	2.1	47.1	-10.0
8748	ok	0.0	0.4	2.94e-03	11.8	11.8	11.8	11.8	1.5	-1.8	-5.2	-39.1	-4.0	-22.1
8749	ok	0.0	0.4	2.92e-03	11.8	11.8	11.8	11.8	1.6	-2.1	-5.2	-37.6	4.4	-22.6
8750	ok	0.0	0.4	3.02e-03	11.8	11.8	11.8	11.8	1.4	-1.6	-5.1	-38.6	-6.3	-22.5
8751	ok	0.0	0.4	3.10e-03	11.8	11.8	11.8	11.8	1.3	-1.4	-5.0	-36.5	-8.2	-22.5
8752	ok	0.0	0.4	3.25e-03	11.8	11.8	11.8	11.8	1.2	-1.2	-4.9	-31.2	-10.0	-21.8
8753	ok	0.0	0.2	3.10e-03	11.8	11.8	11.8	11.8	0.9	-0.4	-4.3	-12.8	-12.4	-15.7
8754	ok	0.0	0.3	3.35e-03	11.8	11.8	11.8	11.8	1.1	-0.9	-4.7	-22.5	-11.1	-20.2
8755	ok	0.0	0.2	3.19e-03	11.8	11.8	11.8	11.8	-2.0	-1.7	-5.1	23.1	-9.1	-11.4
8756	ok	0.0	0.2	3.16e-03	11.8	11.8	11.8	11.8	-1.9	-2.2	-5.3	7.1	-9.1	-15.6
8757	ok	0.0	0.5	3.12e-03	11.8	11.8	11.8	11.8	-2.2	-0.2	-5.3	59.2	-17.0	13.0
8758	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	-2.7	-0.7	-4.9	51.4	-15.1	2.0
8759	ok	0.0	0.3	3.18e-03	11.8	11.8	11.8	11.8	-2.2	-1.5	-5.0	37.9	-12.3	-6.1
8760	ok	0.0	0.3	3.00e-03	11.8	11.8	11.8	11.8	-0.9	-2.6	-5.4	26.8	-18.7	28.8
8761	ok	0.0	0.5	2.83e-03	11.8	11.8	11.8	11.8	-1.5	-0.9	-5.7	49.9	-18.7	24.8
8762	ok	0.0	0.3	3.02e-03	11.8	11.8	11.8	11.8	0.9	-1.8	-4.0	7.6	-22.8	24.2
8763	ok	0.0	0.3	3.04e-03	11.8	11.8	11.8	11.8	-0.4	-4.7	-3.8	-3.8	-23.1	22.4
8764	ok	0.0	0.3	2.89e-03	11.8	11.8	11.8	11.8	-0.4	-6.3	-1.2	-32.4	-31.3	10.8
8765	ok	0.0	0.3	3.00e-03	11.8	11.8	11.8	11.8	-0.3	-5.6	-2.5	-19.8	-27.2	16.5
8766	ok	0.0	0.4	3.03e-03	11.8	11.8	11.8	11.8	-0.9	-7.6	3.8	-48.4	-44.9	-3.9
8767	ok	0.0	0.4	2.77e-03	11.8	11.8	11.8	11.8	-0.8	-7.4	2.5	-48.3	-41.6	-0.9
8768	ok	0.0	0.4	2.70e-03	11.8	11.8	11.8	11.8	-0.7	-7.1	1.2	-45.6	-38.2	2.5
8769	ok	0.0	0.4	2.81e-03	11.8	11.8	11.8	11.8	-0.5	-6.8	-2.95e-02	-40.4	-34.8	6.4
8770	ok	0.0	0.5	3.38e-03	11.8	11.8	11.8	11.8	-1.2	-7.8	5.8	-43.9	-50.0	-7.9
8771	ok	0.0	0.5	4.59e-03	11.8	11.8	11.8	11.8	-1.7	-7.8	8.4	-32.4	-56.3	-12.1
8772	ok	0.0	0.5	4.16e-03	11.8	11.8	11.8	11.8	-1.4	-7.9	7.1	-38.8	-53.2	-10.2
8773	ok	0.0	0.5	4.91e-03	11.8	11.8	11.8	11.8	-2.0	-7.6	9.7	-24.9	-59.4	-13.4
8774	ok	0.0	0.5	5.27e-03	11.8	11.8	11.8	11.8	-2.4	-7.4	11.0	-16.3	-62.5	-13.6
8775	ok	0.0	0.5	5.76e-03	11.8	11.8	11.8	11.8	-3.0	-7.1	12.1	-8.5	-64.5	-11.0
8776	ok	0.0	0.5	5.53e-03	11.8	11.8	11.8	11.8	-2.7	-7.2	11.6	-11.6	-63.9	-12.7
8777	ok	0.0	0.5	6.17e-03	11.8	11.8	11.8	11.8	-3.3	-7.3	12.1	-6.4	-64.2	-7.0
8778	ok	0.0	0.5	5.95e-03	11.8	11.8	11.8	11.8	-3.2	-7.1	12.2	-7.0	-64.5	-9.1
8779	ok	0.0	0.5	6.43e-03	11.8	11.8	11.8	11.8	-3.3	-8.0	11.1	-6.3	-63.3	-3.6
8780	ok	0.0	0.6	6.83e-03	11.8	11.8	11.8	11.8	-3.5	-13.8	10.2	-6.5	-73.1	0.5
8781	ok	0.0	0.6	7.29e-03	11.8	11.8	11.8	11.8	-2.9	-15.0	9.3	-5.7	-73.3	1.7
8783	ok	0.0	0.4	1.78e-02	11.8	11.8	11.8	11.8	-8.1	-110.6	22.5	0.4	37.5	-2.2
8784	ok	0.0	0.4	4.14e-03	11.8	11.8	11.8	11.8	-3.4	2.3	1.7	-54.0	2.7	-4.7
8785	ok	0.0	0.5	1.06e-02	11.8	11.8	11.8	11.8	-1.1	-28.1	5.7	-2.3	-67.4	13.5
8786	ok	0.0	0.9	2.60e-03	11.8	11.8	11.8	17.8	-11.6	-7.3	-7.4	14.7	145.0	-36.4
8787	ok	0.0	0.6	2.62e-03	11.8	11.8	11.8	11.8	3.0	0.7	1.9	56.0	17.9	31.5
8788	ok	0.0	0.4	1.28e-02	11.8	11.8	11.8	11.8	-1.9	-32.9	8.1	-6.7	-45.6	15.8
8789	ok	0.0	0.3	3.11e-03	11.8	11.8	11.8	11.8	3.9	1.4	2.3	-14.5	-14.5	-19.4
8790	ok	0.0	0.4	1.35e-02	11.8	11.8	11.8	11.8	-1.4	-33.7	6.8	-2.0	-46.4	10.8
8793	ok	0.0	0.2	7.77e-03	11.8	11.8	11.8	11.8	0.5	-8.9	4.8	11.1	-28.2	-3.6
8797	ok	0.0	0.8	7.97e-02	11.8	11.8	12.7	12.2	-83.0	-391.9	19.1	19.6	-123.3	-58.3
8798	ok	0.0	0.9	6.93e-02	11.8	11.8	24.9	11.8	76.6	119.6	9.1	3.9	-161.1	71.7
8799	ok	0.0	0.4	3.72e-02	11.8	11.8	11.8	11.8	3.5	76.8	-3.8	-1.7	-39.5	-5.4
8800	ok	0.0	0.6	1.93e-02	11.8	11.8	11.8	11.8	-1.8	21.5	-3.9	9.6	67.4	-9.6
8801	ok	0.0	0.4	1.64e-03	11.8	11.8	11.8	11.8	1.22e-02	5.9	-2.3	3.4	31.1	-9.1
8803	ok	0.0	0.9	3.99e-02	11.8	11.8	12.4	11.8	-10.6	419.4	59.4	-2.4	-33.8	-24.3
8804	ok	0.0	1.0	5.81e-02	11.8	11.8	14.5	11.8	27.4	-375.5	23.1	11.3	119.1	-3.6
8805	ok	0.0	1.0	4.55e-02	18.6	13.9	16.2	27.8	36.6	-304.6	17.0	-25.9	-23.6	155.2
8806	ok	0.0	0.3	3.20e-02	11.8	11.8	11.8	11.8	1.3	-185.7	3.0	-0.8	-25.2	8.4
8807	ok	0.0	0.2	2.76e-02	11.8	11.8	11.8	11.8	1.5	-158.8	3.0	-1.4	-33.0	8.7
8808	ok	0.0	0.2	8.53e-03	11.8	11.8	11.8	11.8	-14.0	-47.6	28.0	7.9	9.0	-8.9
8811	ok	0.0	0.7	4.75e-02	11.8	11.8	11.8	11.8	6.5	93.7	-2.0	-3.2	-69.5	0.1
8812	ok	0.0	0.5	4.55e-03	11.8	11.8	11.8	11.8	-15.5	-17.1	2.6	-55.1	-26.3	-18.6
8813	ok	0.0	0.3	2.36e-02	11.8	11.8	11.8	11.8	1.9	-128.2	4.2	0.2	-38.4	8.5
8814	ok	0.0	0.4	2.13e-03	11.8	11.8	11.8	11.8	0.6	5.9	-2.9	7.9	31.8	-17.2
8815	ok	0.0	0.5	5.10e-03	11.8	11.8	11.8	11.8	-2.7	-21.3	9.5	-2.0	-60.0	6.3
8817	ok	0.0	0.3	3.73e-03	11.8	11.8	11.8	11.8	-6.8	-2.4	1.2	-19.4	-11.3	22.0
8818	ok	0.0	0.4	4.55e-03	11.8	11.8	11.8	11.8	4.9	1.7	2.8	-34.8	-6.3	-17.0
8819	ok	0.0	0.6	2.62e-03	11.8	11.8	11.8	11.8	-9.8	-6.0	-1.7	-24.3	-59.6	22.1
8820	ok	0.0	0.5	2.72e-03	11.8	11.8	11.8	11.8	-11.8	-9.4	-2.7	-30.7	-60.9	5.3
8822	ok	0.0	0.4	1.14e-02	11.8	11.8	11.8	11.8	-1.2	14.7	-5.0	-14.8	-49.7	6.1
8823	ok	0.0	0.8	4.92e-03	11.8	11.8	11.8	11.8	3.1	3.2	3.5	-75.9	-24.5	-35.5
8825	ok	0.0	0.4	3.77e-03	11.8	11.8	11.8	11.8	-6.0	-1.1	-1.2	-43.5	-33.9	7.9
8827	ok	0.0	0.5	3.40e-03	11.8	11.8	11.8	11.8	-7.5	-2.0	-2.1	-45.1	-47.4	12.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8828	ok	0.0	0.6	2.93e-03	11.8	11.8	11.8	11.8	-7.6	-4.0	-7.54e-02	-10.8	-53.6	39.2
8829	ok	0.0	0.5	2.89e-03	11.8	11.8	11.8	11.8	-12.1	-10.9	-3.0	-24.5	-55.9	-4.7
8830	ok	0.0	0.5	1.56e-02	11.8	11.8	11.8	11.8	3.4	22.4	-11.9	-6.4	-52.6	6.3
8832	ok	0.0	0.3	2.16e-03	11.8	11.8	11.8	11.8	3.9	2.5	3.2	24.5	11.2	12.7
8833	ok	0.0	0.4	3.60e-03	11.8	11.8	11.8	11.8	-5.7	-3.9	1.6	-17.6	-27.8	28.0
8834	ok	0.0	0.2	4.30e-03	11.8	11.8	11.8	11.8	5.0	1.7	3.0	-20.7	-1.8	-8.2
8835	ok	0.0	0.2	2.08e-03	11.8	11.8	11.8	11.8	11.5	5.3	9.3	9.9	8.0	7.5
8836	ok	0.0	0.1	2.07e-03	11.8	11.8	11.8	11.8	-10.7	-3.4	-6.3	-6.7	-2.7	-4.2
8837	ok	0.0	0.4	3.71e-03	11.8	11.8	11.8	11.8	-6.5	-1.9	0.3	-31.7	-22.7	18.8
8838	ok	0.0	9.95e-02	2.02e-03	11.8	11.8	11.8	11.8	14.6	4.9	9.4	3.4	5.0	4.6
8839	ok	0.0	0.1	2.13e-03	11.8	11.8	11.8	11.8	-11.2	-3.4	-6.4	-12.7	-2.5	-5.2
8840	ok	0.0	0.4	2.32e-03	11.8	11.8	11.8	11.8	3.6	1.2	2.1	-33.6	-13.6	-18.6
8841	ok	0.0	0.3	2.21e-03	11.8	11.8	11.8	11.8	0.4	0.2	1.0	-27.0	-12.2	-7.9
8842	ok	0.0	0.3	2.26e-03	11.8	11.8	11.8	11.8	2.2	0.8	1.5	-32.8	-14.6	-14.3
8843	ok	0.0	0.3	2.20e-03	11.8	11.8	11.8	11.8	4.6	1.6	2.7	-29.1	-8.8	-16.7
8844	ok	0.0	0.2	2.11e-03	11.8	11.8	11.8	11.8	0.7	0.9	1.6	-20.6	-6.0	-6.4
8845	ok	0.0	0.3	2.17e-03	11.8	11.8	11.8	11.8	2.6	1.2	1.9	-25.4	-7.1	-10.6
8846	ok	0.0	0.3	2.80e-03	11.8	11.8	11.8	11.8	1.2	-1.7	-0.3	-11.7	-28.7	-8.0
8847	ok	0.0	0.2	2.16e-03	11.8	11.8	11.8	11.8	0.1	-2.4	-0.6	-22.5	-26.1	-1.2
8848	ok	0.0	0.2	2.28e-03	11.8	11.8	11.8	11.8	0.6	-2.0	-0.5	-17.3	-28.2	-4.4
8849	ok	0.0	0.3	2.72e-03	11.8	11.8	11.8	11.8	1.6	-0.5	0.3	-22.3	-26.0	-13.6
8850	ok	0.0	0.4	2.58e-03	11.8	11.8	11.8	11.8	2.2	0.2	1.0	-28.7	-25.3	-18.0
8851	ok	0.0	0.4	2.38e-03	11.8	11.8	11.8	11.8	2.9	0.8	1.6	-32.4	-20.0	-19.8
8852	ok	0.0	0.3	2.07e-03	11.8	11.8	11.8	11.8	0.1	-1.5	-0.2	-28.1	-23.9	-5.2
8853	ok	0.0	0.3	1.97e-03	11.8	11.8	11.8	11.8	0.2	-0.8	0.2	-30.7	-21.2	-7.9
8854	ok	0.0	0.3	2.01e-03	11.8	11.8	11.8	11.8	0.3	-0.2	0.6	-29.8	-17.5	-8.7
8855	ok	0.0	0.3	2.29e-03	11.8	11.8	11.8	11.8	0.8	-1.1	-6.99e-02	-24.6	-25.9	-8.4
8856	ok	0.0	0.3	2.35e-03	11.8	11.8	11.8	11.8	1.1	-0.5	0.4	-29.8	-23.1	-11.1
8857	ok	0.0	0.3	2.34e-03	11.8	11.8	11.8	11.8	1.6	0.3	1.0	-33.7	-19.1	-14.1
8858	ok	0.0	0.3	2.84e-03	11.8	11.8	11.8	11.8	2.9	-4.4	0.6	22.2	-34.7	9.2
8859	ok	0.0	0.3	2.25e-03	11.8	11.8	11.8	11.8	-3.19e-02	-4.7	-0.9	5.7	-30.0	16.6
8860	ok	0.0	0.3	2.41e-03	11.8	11.8	11.8	11.8	0.3	-4.9	-0.7	12.9	-35.1	13.2
8861	ok	0.0	0.3	2.84e-03	11.8	11.8	11.8	11.8	3.0	-3.2	0.4	11.4	-31.7	2.3
8862	ok	0.0	0.2	2.71e-03	11.8	11.8	11.8	11.8	0.9	-2.8	-0.7	-1.2	-29.4	-3.5
8863	ok	0.0	0.3	2.27e-03	11.8	11.8	11.8	11.8	5.10e-02	-4.0	-0.9	-4.8	-29.0	10.2
8864	ok	0.0	0.2	2.24e-03	11.8	11.8	11.8	11.8	7.84e-02	-3.2	-0.8	-14.6	-27.7	4.0
8865	ok	0.0	0.3	2.43e-03	11.8	11.8	11.8	11.8	2.8	-3.2	0.3	2.9	-32.9	6.7
8866	ok	0.0	0.2	2.39e-03	11.8	11.8	11.8	11.8	0.5	-3.0	-0.8	-7.9	-30.4	0.7
8867	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	0.3	-6.1	2.72e-02	29.0	-36.5	16.9
8868	ok	0.0	0.3	2.21e-03	11.8	11.8	11.8	11.8	-0.2	-5.3	-0.7	16.1	-31.0	21.9
8869	ok	0.0	0.3	2.35e-03	11.8	11.8	11.8	11.8	5.44e-02	-5.6	-0.4	21.0	-37.1	19.2
8870	ok	0.0	0.4	2.53e-03	11.8	11.8	11.8	11.8	-1.7	-5.5	0.5	14.8	-37.7	21.2
8871	ok	0.0	0.3	2.42e-03	11.8	11.8	11.8	11.8	-1.2	-6.1	-0.6	29.9	-32.3	17.4
8872	ok	0.0	0.4	2.45e-03	11.8	11.8	11.8	11.8	-1.3	-5.8	-0.1	20.6	-38.5	19.2
8873	ok	0.0	0.4	2.43e-03	11.8	11.8	11.8	11.8	-1.1	-6.0	0.7	23.9	-37.9	23.9
8874	ok	0.0	0.4	2.39e-03	11.8	11.8	11.8	11.8	-0.3	-6.3	0.6	29.7	-37.5	22.3
8875	ok	0.0	0.3	2.33e-03	11.8	11.8	11.8	11.8	-0.8	-6.0	-0.4	30.4	-32.8	23.0
8876	ok	0.0	0.3	2.25e-03	11.8	11.8	11.8	11.8	-0.5	-5.7	-0.5	25.0	-31.9	24.6
8877	ok	0.0	0.4	2.38e-03	11.8	11.8	11.8	11.8	-0.8	-5.9	3.98e-02	25.3	-38.8	22.8
8878	ok	0.0	0.4	2.31e-03	11.8	11.8	11.8	11.8	-0.3	-5.9	-7.58e-02	25.3	-38.3	22.9
8879	ok	0.0	0.3	2.59e-03	11.8	11.8	11.8	11.8	-2.1	-5.1	-8.33e-02	3.3	-37.9	15.8
8880	ok	0.0	0.3	2.49e-03	11.8	11.8	11.8	11.8	-1.6	-6.0	-0.9	21.2	-30.5	9.1
8881	ok	0.0	0.3	2.52e-03	11.8	11.8	11.8	11.8	-1.7	-5.6	-0.5	11.0	-37.3	13.1
8882	ok	0.0	0.4	2.52e-03	11.8	11.8	11.8	11.8	-2.6	-5.4	-2.3	-43.0	-36.0	6.2
8883	ok	0.0	0.4	2.41e-03	11.8	11.8	11.8	11.8	-2.4	-5.9	-2.4	-45.9	-18.2	0.1
8884	ok	0.0	0.4	2.43e-03	11.8	11.8	11.8	11.8	-2.5	-5.7	-2.3	-44.6	-27.6	3.6
8885	ok	0.0	0.3	2.57e-03	11.8	11.8	11.8	11.8	-2.6	-5.2	-2.1	-37.9	-37.1	4.4
8886	ok	0.0	0.3	2.60e-03	11.8	11.8	11.8	11.8	-2.6	-5.0	-1.7	-30.3	-37.7	4.3
8887	ok	0.0	0.3	2.62e-03	11.8	11.8	11.8	11.8	-2.5	-4.9	-1.3	-20.6	-38.1	6.1
8888	ok	0.0	0.3	2.62e-03	11.8	11.8	11.8	11.8	-2.4	-4.9	-0.7	-9.0	-38.2	10.1
8889	ok	0.0	0.3	2.41e-03	11.8	11.8	11.8	11.8	0.7	-5.1	-1.6	-37.7	-20.3	-1.9
8890	ok	0.0	0.2	2.44e-03	11.8	11.8	11.8	11.8	0.8	-5.1	-1.3	-25.9	-22.1	-2.7
8891	ok	0.0	0.2	2.48e-03	11.8	11.8	11.8	11.8	0.9	-5.2	-1.1	-11.1	-24.1	-1.9
8892	ok	0.0	0.2	2.51e-03	11.8	11.8	11.8	11.8	-1.9	-5.9	-1.3	6.2	-27.4	2.1
8893	ok	0.0	0.3	2.48e-03	11.8	11.8	11.8	11.8	-2.5	-5.5	-2.1	-37.8	-29.8	1.8
8894	ok	0.0	0.3	2.52e-03	11.8	11.8	11.8	11.8	-2.4	-5.4	-1.8	-28.1	-31.6	1.5
8895	ok	0.0	0.3	2.54e-03	11.8	11.8	11.8	11.8	-2.3	-5.4	-1.4	-16.1	-33.4	3.1
8896	ok	0.0	0.3	2.55e-03	11.8	11.8	11.8	11.8	-2.1	-5.5	-1.0	-2.2	-35.4	7.0
8897	ok	0.0	0.4	2.31e-03	11.8	11.8	11.8	11.8	-2.8	-6.0	-2.6	-41.6	-28.4	18.2
8898	ok	0.0	0.4	2.28e-03	11.8	11.8	11.8	11.8	-2.7	-6.0	-2.7	-45.2	-15.5	14.7
8899	ok	0.0	0.4	2.32e-03	11.8	11.8	11.8	11.8	-2.5	-6.1	-2.9	-48.4	-3.9	9.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8900	ok	0.0	0.4	2.46e-03	11.8	11.8	11.8	11.8	-2.6	-5.7	-2.5	-45.5	-34.3	9.4
8901	ok	0.0	0.4	2.39e-03	11.8	11.8	11.8	11.8	-2.7	-5.9	-2.6	-45.0	-31.7	13.5
8902	ok	0.0	0.4	2.39e-03	11.8	11.8	11.8	11.8	-2.4	-6.0	-2.6	-50.5	-15.0	2.8
8903	ok	0.0	0.4	2.36e-03	11.8	11.8	11.8	11.8	-2.4	-6.1	-2.7	-51.4	-10.5	5.9
8904	ok	0.0	0.4	2.37e-03	11.8	11.8	11.8	11.8	-2.5	-5.8	-2.5	-48.3	-24.8	6.6
8905	ok	0.0	0.4	2.31e-03	11.8	11.8	11.8	11.8	-2.6	-5.9	-2.7	-48.5	-20.8	10.4
8906	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	0.5	-8.1	-3.2	38.0	-12.0	5.3
8907	ok	0.0	0.4	3.34e-03	11.8	11.8	11.8	11.8	-6.0	-12.7	-2.8	-41.2	4.6	-18.8
8908	ok	0.0	0.7	2.80e-03	11.8	11.8	11.8	11.8	1.3	-10.1	-3.0	82.8	24.8	4.5
8909	ok	0.0	0.3	2.31e-03	11.8	11.8	11.8	11.8	0.1	-7.9	-1.9	30.9	-12.2	20.5
8910	ok	0.0	0.3	2.09e-03	11.8	11.8	11.8	11.8	-0.3	-7.0	-1.3	13.8	-12.8	29.2
8911	ok	0.0	0.3	2.01e-03	11.8	11.8	11.8	11.8	-3.1	-6.6	-2.3	-6.3	-15.4	30.4
8912	ok	0.0	0.4	2.02e-03	11.8	11.8	11.8	11.8	-3.1	-6.3	-2.4	-21.5	-19.0	28.3
8913	ok	0.0	0.4	2.25e-03	11.8	11.8	11.8	11.8	-2.9	-6.1	-2.6	-37.4	-25.7	21.6
8914	ok	0.0	0.4	2.30e-03	11.8	11.8	11.8	11.8	-1.2	-2.5	-4.9	-40.0	1.2	-29.5
8915	ok	0.0	1.0	3.77e-03	11.8	20.3	12.1	19.2	-4.1	7.5	-7.4	168.1	166.5	-26.1
8916	ok	0.0	0.4	2.38e-03	11.8	11.8	11.8	11.8	-2.4	-6.2	-2.9	-49.6	1.3	5.9
8917	ok	0.0	0.1	2.49e-03	11.8	11.8	11.8	11.8	1.4	-5.4	-1.2	-2.9	12.6	-8.7
8918	ok	0.0	0.4	2.27e-03	11.8	11.8	11.8	11.8	-2.6	-6.1	-2.9	-43.5	2.3	12.0
8919	ok	0.0	0.6	2.45e-03	11.8	11.8	11.8	11.8	0.2	-9.0	-1.1	64.0	22.3	26.6
8920	ok	0.0	0.4	2.21e-03	11.8	11.8	11.8	11.8	-0.4	-7.4	-0.7	24.9	18.5	32.8
8921	ok	0.0	0.3	2.05e-03	11.8	11.8	11.8	11.8	-0.5	-5.8	-1.4	-3.4	11.4	29.6
8922	ok	0.0	0.3	2.11e-03	11.8	11.8	11.8	11.8	-0.3	-5.4	-1.7	-22.9	2.1	25.3
8923	ok	0.0	0.4	2.26e-03	11.8	11.8	11.8	11.8	-2.8	-6.1	-2.7	-40.9	-11.2	18.0
8924	ok	0.0	0.3	2.73e-03	11.8	11.8	11.8	11.8	0.1	-7.5	-4.0	34.1	-9.2	-6.2
8925	ok	0.0	0.4	2.39e-03	11.8	11.8	11.8	11.8	-2.2	-6.2	-2.3	-46.9	-7.7	-3.3
8926	ok	0.0	0.3	2.92e-03	11.8	11.8	11.8	11.8	1.6	-5.5	-1.5	28.8	26.3	-10.8
8927	ok	0.0	0.2	2.55e-03	11.8	11.8	11.8	11.8	-0.6	-5.3	-5.0	5.7	-3.1	-24.3
8928	ok	0.0	0.6	2.96e-03	11.8	11.8	11.8	11.8	0.7	-6.3	-6.0	20.8	51.2	-29.6
8929	ok	0.0	0.2	2.43e-03	11.8	11.8	11.8	11.8	-2.3	-6.1	-1.9	-23.6	-3.4	-7.2
8930	ok	0.0	0.3	2.63e-03	11.8	11.8	11.8	11.8	-0.4	-6.5	-4.7	22.4	-6.8	-17.1
8931	ok	0.0	0.9	2.86e-03	11.8	11.8	11.8	11.8	-0.3	-11.0	-2.1	110.6	48.0	4.2
8932	ok	0.0	0.1	2.48e-03	11.8	11.8	11.8	11.8	4.4	-11.4	-4.5	5.0	6.5	-5.5
8933	ok	0.0	0.5	2.29e-03	11.8	11.8	11.8	11.8	-1.6	-2.6	-4.8	-40.6	-0.3	-29.2
8934	ok	0.0	0.4	2.74e-03	11.8	11.8	11.8	11.8	0.6	-2.4	-5.1	-37.4	8.4	-26.2
8935	ok	0.0	0.7	2.78e-03	11.8	11.8	11.8	11.8	2.1	-7.2	-0.4	69.6	25.2	34.8
8936	ok	0.0	0.4	2.22e-03	11.8	11.8	11.8	11.8	-4.3	-3.8	-5.7	-35.7	-1.0	-29.0
8937	ok	0.0	0.4	2.30e-03	11.8	11.8	11.8	11.8	-4.2	-4.2	-5.7	-26.6	-1.4	-28.4
8938	ok	0.0	0.3	2.43e-03	11.8	11.8	11.8	11.8	-3.9	-4.9	-5.7	-13.1	-2.1	-27.0
8939	ok	0.0	0.3	2.64e-03	11.8	11.8	11.8	11.8	0.7	-2.7	-5.1	-31.2	15.1	-24.7
8940	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	0.9	-3.1	-5.2	-20.4	24.7	-23.4
8941	ok	0.0	0.4	2.52e-03	11.8	11.8	11.8	11.8	1.1	-3.6	-5.5	-3.3	39.0	-22.1
8942	ok	0.0	1.0	4.35e-03	11.8	16.3	11.8	12.7	-6.5	-14.0	-7.5	120.1	68.1	36.9
8943	ok	0.0	0.4	2.46e-03	11.8	11.8	11.8	11.8	-2.1	-6.3	-2.3	-47.2	-2.6	-4.6
8944	ok	0.0	0.4	2.41e-03	11.8	11.8	11.8	11.8	-2.2	-6.3	-3.0	-50.3	5.6	2.3
8945	ok	0.0	0.3	1.93e-03	11.8	11.8	11.8	11.8	-1.2	-4.0	-0.4	-31.9	-6.0	3.7
8946	ok	0.0	0.4	2.86e-03	11.8	11.8	11.8	11.8	0.3	-2.0	-5.0	-39.1	2.0	-27.8
8947	ok	0.0	0.4	2.63e-03	11.8	11.8	11.8	11.8	-1.1	-2.1	-4.8	-39.5	2.0	-29.9
8948	ok	0.0	0.3	2.04e-03	11.8	11.8	11.8	11.8	-7.7	-9.0	-6.0	17.3	12.4	16.6
8949	ok	0.0	0.4	2.83e-03	11.8	11.8	11.8	11.8	0.4	-2.2	-5.0	-39.5	4.8	-27.2
8950	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	-0.4	-3.9	-5.3	-8.0	15.6	-28.5
8951	ok	0.0	0.2	1.99e-03	11.8	11.8	11.8	11.8	-0.9	-4.4	-0.7	-23.2	-1.7	8.2
8952	ok	0.0	0.4	2.93e-03	11.8	11.8	11.8	11.8	0.3	-1.7	-4.9	-38.0	-2.5	-25.3
8953	ok	0.0	0.4	2.59e-03	11.8	11.8	11.8	11.8	-0.8	-1.9	-4.7	-36.5	2.1	-29.5
8954	ok	0.0	0.3	1.79e-03	11.8	11.8	11.8	11.8	-1.9	-3.0	0.4	-37.0	-9.0	-2.1
8955	ok	0.0	0.4	3.03e-03	11.8	11.8	11.8	11.8	0.2	-1.6	-4.9	-34.8	-3.3	-25.0
8956	ok	0.0	0.4	2.66e-03	11.8	11.8	11.8	11.8	-0.9	-1.7	-4.6	-31.5	2.2	-29.0
8957	ok	0.0	0.3	1.85e-03	11.8	11.8	11.8	11.8	-1.5	-3.5	-6.47e-02	-36.6	-8.4	0.3
8958	ok	0.0	0.3	3.06e-03	11.8	11.8	11.8	11.8	9.39e-02	-1.3	-4.7	-28.1	-3.6	-23.9
8959	ok	0.0	0.3	2.80e-03	11.8	11.8	11.8	11.8	-1.1	-1.5	-4.5	-22.0	3.6	-27.5
8960	ok	0.0	0.3	1.39e-03	11.8	11.8	11.8	11.8	4.6	-2.3	6.4	28.8	12.9	3.7
8961	ok	0.0	0.2	2.75e-03	11.8	11.8	11.8	11.8	-2.0	1.7	-9.1	-8.9	-4.1	-13.0
8962	ok	0.0	0.2	2.76e-03	11.8	11.8	11.8	11.8	-4.2	-3.1	-5.3	7.1	10.4	-20.0
8963	ok	0.0	0.4	2.39e-03	11.8	11.8	11.8	11.8	1.2	-5.5	-2.2	-53.4	0.4	-0.6
8964	ok	0.0	0.3	3.01e-03	11.8	11.8	11.8	11.8	-4.82e-02	-1.1	-4.6	-17.9	-2.8	-21.9
8965	ok	0.0	0.2	2.66e-03	11.8	11.8	11.8	11.8	-1.2	-1.3	-4.4	-12.3	5.7	-21.8
8966	ok	0.0	0.5	2.99e-03	11.8	11.8	11.8	11.8	-6.2	-4.0	-4.0	57.4	46.5	7.6
8967	ok	0.0	0.3	3.19e-03	11.8	11.8	11.8	11.8	-3.4	-1.7	-4.7	32.3	9.7	-12.9
8968	ok	0.0	0.4	2.77e-03	11.8	11.8	11.8	11.8	-4.7	-2.0	-4.2	41.4	30.4	-7.5
8969	ok	0.0	0.1	1.49e-03	11.8	11.8	11.8	11.8	-7.1	-6.3	-4.6	-12.3	-6.4	-2.2
8970	ok	0.0	0.2	3.12e-03	11.8	11.8	11.8	11.8	-3.2	-2.5	-5.2	14.7	4.3	-16.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8971	ok	0.0	0.3	2.85e-03	11.8	11.8	11.8	11.8	-4.5	-2.9	-4.9	23.6	17.9	-13.9
8972	ok	0.0	1.0	4.44e-03	26.7	47.8	30.9	49.8	-2.4	6.7	-20.1	365.3	376.1	-88.8
8973	ok	0.0	0.8	2.73e-03	11.8	11.8	11.8	11.8	0.9	1.1	-6.0	98.1	8.9	11.7
8974	ok	0.0	1.0	3.54e-03	11.8	18.8	15.3	16.3	-3.6	-7.7	-4.2	165.5	131.0	-22.1
8975	ok	0.0	1.0	3.41e-03	11.8	18.0	11.8	19.6	-10.2	8.8	-4.6	141.8	139.2	-41.7
8976	ok	0.0	0.7	3.62e-03	11.8	11.8	11.8	11.8	-4.9	2.4	-4.4	68.0	75.0	11.4
8977	ok	0.0	0.7	3.20e-03	11.8	11.8	11.8	11.8	1.4	-11.1	-2.3	68.9	37.7	-5.3
8978	ok	0.0	0.5	3.22e-03	11.8	11.8	11.8	11.8	-4.0	-0.9	-4.5	56.0	14.7	-9.1
8979	ok	0.0	1.0	3.19e-03	11.8	11.8	11.8	11.8	-1.7	-0.5	1.69e-02	108.9	104.5	-10.4
8980	ok	0.0	0.5	3.10e-03	11.8	11.8	11.8	11.8	-4.7	2.3	-3.1	60.8	54.2	-3.0
8981	ok	0.0	0.5	3.95e-03	11.8	11.8	11.8	11.8	-1.8	1.9	-4.5	22.4	60.4	7.9
8982	ok	0.0	0.4	3.03e-03	11.8	11.8	11.8	11.8	-0.5	-3.3	-6.1	30.3	6.6	31.2
8983	ok	0.0	0.5	3.25e-03	11.8	11.8	11.8	11.8	1.4	0.2	-7.6	29.3	45.2	21.6
8984	ok	0.0	1.0	5.08e-03	11.8	15.9	11.8	16.3	0.5	10.1	-13.9	89.0	121.5	2.4
8985	ok	0.0	0.7	3.10e-03	11.8	11.8	11.8	11.8	5.1	-9.8	-5.7	72.2	35.1	19.9
8986	ok	0.0	1.0	3.01e-03	11.8	14.9	11.8	13.0	3.81e-02	-1.4	-12.4	132.5	115.3	18.4
8987	ok	0.0	0.2	3.18e-03	11.8	11.8	11.8	11.8	-1.6	-5.7	-4.8	-2.9	29.8	6.7
8988	ok	0.0	0.2	3.05e-03	11.8	11.8	11.8	11.8	0.3	-2.8	-4.0	5.1	-5.1	22.8
8989	ok	0.0	0.2	3.11e-03	11.8	11.8	11.8	11.8	0.2	-4.2	-4.9	0.9	18.3	18.0
8990	ok	0.0	0.1	3.15e-03	11.8	11.8	11.8	11.8	-1.6	-6.6	-3.9	-16.9	18.7	4.5
8991	ok	0.0	0.2	3.09e-03	11.8	11.8	11.8	11.8	-0.9	-6.0	-3.8	-8.2	-8.3	20.3
8992	ok	0.0	0.2	3.11e-03	11.8	11.8	11.8	11.8	2.16e-02	-5.0	-4.0	-12.7	9.9	14.2
8993	ok	0.0	0.4	3.02e-03	11.8	11.8	11.8	11.8	-3.2	-10.4	-0.9	-46.7	-9.7	-3.8
8994	ok	0.0	0.3	2.93e-03	11.8	11.8	11.8	11.8	-1.2	-7.7	-1.1	-37.7	-23.8	8.0
8995	ok	0.0	0.4	2.97e-03	11.8	11.8	11.8	11.8	-2.1	-9.1	-1.0	-42.8	-16.0	2.9
8996	ok	0.0	0.3	3.12e-03	11.8	11.8	11.8	11.8	-1.6	-7.2	-2.7	-34.5	4.0	0.5
8997	ok	0.0	0.3	3.04e-03	11.8	11.8	11.8	11.8	-1.0	-7.0	-2.4	-25.2	-16.5	14.0
8998	ok	0.0	0.3	3.07e-03	11.8	11.8	11.8	11.8	-2.0	-8.3	-2.3	-30.5	-5.8	8.1
8999	ok	0.0	0.5	3.16e-03	11.8	11.8	11.8	11.8	-3.1	-12.4	3.9	-58.2	-31.0	-14.2
9000	ok	0.0	0.5	3.08e-03	11.8	11.8	11.8	11.8	-1.5	-9.2	3.9	-52.0	-41.7	-7.5
9001	ok	0.0	0.5	3.10e-03	11.8	11.8	11.8	11.8	-2.2	-10.8	3.9	-55.5	-36.8	-11.1
9002	ok	0.0	0.5	2.99e-03	11.8	11.8	11.8	11.8	-3.1	-12.0	2.6	-59.3	-27.9	-11.8
9003	ok	0.0	0.5	2.86e-03	11.8	11.8	11.8	11.8	-3.2	-11.5	1.4	-57.7	-23.6	-9.3
9004	ok	0.0	0.4	2.95e-03	11.8	11.8	11.8	11.8	-3.2	-11.0	0.2	-53.7	-17.5	-6.6
9005	ok	0.0	0.4	2.84e-03	11.8	11.8	11.8	11.8	-1.4	-9.0	2.6	-52.4	-38.1	-4.2
9006	ok	0.0	0.4	2.74e-03	11.8	11.8	11.8	11.8	-1.4	-8.6	1.3	-50.2	-34.0	-0.6
9007	ok	0.0	0.4	2.84e-03	11.8	11.8	11.8	11.8	-1.3	-8.2	9.59e-02	-45.3	-29.3	3.5
9008	ok	0.0	0.5	2.90e-03	11.8	11.8	11.8	11.8	-2.2	-10.5	2.6	-56.2	-33.2	-8.0
9009	ok	0.0	0.5	2.79e-03	11.8	11.8	11.8	11.8	-2.2	-10.1	1.4	-54.4	-28.7	-4.7
9010	ok	0.0	0.4	2.88e-03	11.8	11.8	11.8	11.8	-2.2	-9.6	0.2	-50.0	-23.0	-1.1
9011	ok	0.0	0.5	3.39e-03	11.8	11.8	11.8	11.8	-2.9	-12.8	6.0	-52.0	-33.0	-17.9
9012	ok	0.0	0.5	3.39e-03	11.8	11.8	11.8	11.8	-1.6	-9.5	6.0	-46.9	-46.6	-12.0
9013	ok	0.0	0.5	3.37e-03	11.8	11.8	11.8	11.8	-2.2	-11.1	6.0	-49.7	-40.6	-15.5
9014	ok	0.0	0.5	4.41e-03	11.8	11.8	11.8	11.8	-2.6	-12.6	8.7	-35.1	-32.3	-22.7
9015	ok	0.0	0.5	4.56e-03	11.8	11.8	11.8	11.8	-1.9	-9.3	8.7	-33.8	-51.9	-16.4
9016	ok	0.0	0.5	4.44e-03	11.8	11.8	11.8	11.8	-2.2	-10.9	8.8	-34.6	-43.8	-20.2
9017	ok	0.0	0.5	4.19e-03	11.8	11.8	11.8	11.8	-2.8	-12.8	7.3	-44.8	-33.0	-20.4
9018	ok	0.0	0.5	4.20e-03	11.8	11.8	11.8	11.8	-1.7	-9.5	7.4	-41.2	-49.3	-14.5
9019	ok	0.0	0.5	4.21e-03	11.8	11.8	11.8	11.8	-2.1	-11.1	7.4	-43.2	-42.3	-18.1
9020	ok	0.0	0.4	4.94e-03	11.8	11.8	11.8	11.8	-2.5	-12.0	10.3	-21.5	-31.5	-24.5
9021	ok	0.0	0.5	4.96e-03	11.8	11.8	11.8	11.8	-2.1	-9.0	10.0	-24.8	-54.6	-17.6
9022	ok	0.0	0.5	4.95e-03	11.8	11.8	11.8	11.8	-2.3	-10.4	10.2	-23.4	-45.3	-21.5
9023	ok	0.0	0.4	5.19e-03	11.8	11.8	11.8	11.8	-7.6	-17.0	18.3	-1.9	-38.9	-16.1
9024	ok	0.0	0.5	5.30e-03	11.8	11.8	11.8	11.8	-2.4	-8.4	11.3	-13.8	-57.4	-16.8
9025	ok	0.0	0.5	5.26e-03	11.8	11.8	11.8	11.8	-2.5	-9.4	11.6	-8.7	-47.2	-20.3
9026	ok	0.0	0.3	5.44e-03	11.8	11.8	11.8	11.8	-2.3	-5.6	11.4	20.1	-30.1	-11.3
9027	ok	0.0	0.5	5.66e-03	11.8	11.8	11.8	11.8	-2.9	-7.4	12.4	-3.6	-59.1	-11.8
9028	ok	0.0	0.4	5.55e-03	11.8	11.8	11.8	11.8	-2.1	-5.5	11.0	6.5	-48.0	-11.9
9029	ok	0.0	0.3	5.35e-03	11.8	11.8	11.8	11.8	-1.8	-6.8	11.2	14.7	-31.5	-17.8
9030	ok	0.0	0.5	5.52e-03	11.8	11.8	11.8	11.8	-2.7	-7.9	12.0	-7.6	-58.7	-14.7
9031	ok	0.0	0.4	5.43e-03	11.8	11.8	11.8	11.8	-1.8	-6.3	10.7	1.7	-48.1	-16.6
9032	ok	0.0	0.4	5.30e-03	11.8	11.8	11.8	11.8	-6.2	-13.1	19.6	5.1	-44.4	-1.6
9033	ok	0.0	0.5	5.86e-03	11.8	11.8	11.8	11.8	-3.2	-6.8	12.2	-1.4	-58.4	-6.4
9034	ok	0.0	0.4	5.57e-03	11.8	11.8	11.8	11.8	-2.3	-4.2	10.7	6.8	-45.8	-4.8
9035	ok	0.0	0.3	5.39e-03	11.8	11.8	11.8	11.8	-2.7	-4.5	11.2	19.0	-28.6	-5.4
9036	ok	0.0	0.5	5.79e-03	11.8	11.8	11.8	11.8	-3.1	-7.1	12.4	-1.8	-58.9	-9.0
9037	ok	0.0	0.4	5.58e-03	11.8	11.8	11.8	11.8	-2.3	-4.8	11.0	7.7	-47.2	-7.8
9038	ok	0.0	0.4	4.93e-03	11.8	11.8	11.8	11.8	-4.8	-11.8	16.4	1.9	-50.8	2.3
9039	ok	0.0	0.5	5.92e-03	11.8	11.8	11.8	11.8	-3.2	-6.8	11.0	-2.1	-57.8	-3.1
9040	ok	0.0	0.4	5.41e-03	11.8	11.8	11.8	11.8	-5.2	-16.7	18.8	-2.8	-54.8	2.0
9041	ok	0.0	0.4	4.78e-03	11.8	11.8	11.8	11.8	-3.9	-13.0	13.4	-0.8	-51.9	3.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9042	ok	0.0	0.5	6.19e-03	11.8	11.8	11.8	11.8	-4.4	-25.6	17.0	-6.4	-60.8	4.7
9043	ok	0.0	0.4	5.58e-03	11.8	11.8	11.8	11.8	-5.1	-19.5	15.4	-3.2	-56.8	5.3
9044	ok	0.0	0.4	4.23e-03	11.8	11.8	11.8	11.8	-2.9	-12.9	9.7	-1.0	-52.8	3.6
9045	ok	0.0	0.5	6.44e-03	11.8	11.8	11.8	11.8	-4.4	-26.2	16.5	-5.5	-60.3	5.9
9046	ok	0.0	0.5	5.38e-03	11.8	11.8	11.8	11.8	-4.8	-20.2	14.4	-3.4	-58.8	5.2
9047	ok	0.0	0.6	3.27e-03	11.8	11.8	11.8	11.8	-5.8	-15.9	2.2	-61.1	-21.2	-19.3
9048	ok	0.0	0.6	1.67e-02	11.8	11.8	11.8	11.8	-14.6	-40.0	24.9	-12.1	-47.8	24.8
9049	ok	0.0	0.4	6.57e-03	11.8	11.8	11.8	11.8	7.3	-25.1	18.2	9.0	45.9	-14.8
9050	ok	0.0	0.6	1.38e-02	11.8	11.8	11.8	11.8	-12.0	-35.3	20.6	-17.1	-58.6	32.2
9051	ok	0.0	0.6	1.16e-02	11.8	11.8	11.8	11.8	-10.4	-30.2	17.7	-19.9	-63.6	36.0
9052	ok	0.0	0.5	2.01e-02	11.8	11.8	11.8	11.8	12.8	44.0	-14.1	-13.5	-44.5	24.6
9053	ok	0.0	0.7	2.31e-02	11.8	11.8	11.8	11.8	-45.1	-148.5	29.0	13.5	77.3	-47.6
9054	ok	0.0	0.3	5.10e-03	11.8	11.8	11.8	11.8	2.2	-5.0	3.7	-10.7	-30.8	16.7
9056	ok	0.0	0.6	8.21e-04	11.8	11.8	11.8	11.8	-0.6	6.2	-2.7	6.5	74.9	-15.9
9057	ok	0.0	0.7	4.51e-03	11.8	11.8	11.8	11.8	2.8	2.7	3.1	-79.3	-14.2	-27.9
9058	ok	0.0	0.5	1.21e-02	11.8	11.8	11.8	11.8	-1.3	-32.2	6.5	-2.3	-57.8	12.3
9059	ok	0.0	0.4	6.40e-03	11.8	11.8	11.8	11.8	10.7	5.0	5.9	-33.4	-14.9	-21.4
9061	ok	0.0	0.4	6.53e-03	11.8	11.8	11.8	11.8	-6.9	-22.3	13.0	-16.5	-41.6	26.4
9062	ok	0.0	0.9	3.06e-03	11.8	11.8	15.0	11.8	-16.6	26.6	2.6	-24.5	-101.3	48.5
9063	ok	0.0	0.6	8.06e-03	11.8	11.8	11.8	11.8	-8.2	-24.5	14.3	-19.7	-54.4	33.1
9064	ok	0.0	0.6	9.75e-03	11.8	11.8	11.8	11.8	-9.3	-27.2	15.9	-20.6	-61.0	35.9
9066	ok	0.0	0.7	1.75e-02	11.8	11.8	11.8	11.8	-73.2	-66.2	42.7	25.4	59.6	-47.9
9067	ok	0.0	0.5	2.95e-03	11.8	11.8	11.8	11.8	-8.1	-1.3	-1.6	-63.9	-32.0	-5.5
9068	ok	0.0	0.6	3.27e-03	11.8	11.8	11.8	11.8	-5.7	-1.98e-02	-0.9	-66.5	-28.7	-12.7
9069	ok	0.0	0.9	4.86e-02	11.8	12.0	11.8	17.8	-168.5	-165.5	103.5	38.2	122.2	-75.0
9070	ok	0.0	0.2	7.62e-03	11.8	11.8	11.8	11.8	-7.7	-21.9	13.6	-4.2	-18.5	9.1
9071	ok	0.0	0.5	4.96e-03	11.8	11.8	11.8	11.8	-0.8	-22.9	5.8	-3.3	-57.7	12.1
9072	ok	0.0	0.4	3.01e-03	11.8	11.8	11.8	11.8	7.59e-02	8.2	-1.0	8.4	33.2	-16.9
9073	ok	0.0	0.7	1.76e-03	11.8	11.8	11.8	11.8	0.2	6.9	0.4	10.4	74.9	-19.3
9074	ok	0.0	0.9	1.49e-03	11.8	11.8	11.8	11.8	5.7	9.1	5.1	14.1	114.5	1.7
9075	ok	0.0	0.3	3.81e-03	11.8	11.8	11.8	11.8	0.5	8.5	-1.1	6.9	35.3	-14.7
9076	ok	0.0	0.6	2.67e-03	11.8	11.8	11.8	11.8	1.1	7.1	1.3	9.0	70.9	-17.5
9077	ok	0.0	0.6	3.05e-03	11.8	11.8	11.8	11.8	6.2	6.3	-1.3	-4.9	71.0	-2.9
9078	ok	0.0	0.4	4.61e-03	11.8	11.8	11.8	11.8	2.4	8.6	-2.9	9.7	40.7	-6.4
9079	ok	0.0	0.5	4.04e-03	11.8	11.8	11.8	11.8	2.8	6.7	0.9	3.0	62.4	-9.6
9080	ok	0.0	0.6	3.95e-03	11.8	11.8	11.8	11.8	-2.4	-2.3	5.8	20.1	50.9	-10.9
9081	ok	0.0	0.4	5.10e-03	11.8	11.8	11.8	11.8	2.8	8.3	-2.4	22.2	41.2	3.9
9082	ok	0.0	0.6	4.86e-03	11.8	11.8	11.8	11.8	4.7	8.5	-3.5	23.9	65.3	1.0
9083	ok	0.0	1.0	7.52e-03	59.4	64.1	91.2	89.9	-21.1	-10.3	16.7	368.6	472.2	232.2
9084	ok	0.0	0.4	5.33e-03	11.8	11.8	11.8	11.8	-0.6	-5.1	11.6	50.8	-7.4	-7.9
9085	ok	0.0	1.0	6.27e-03	14.8	22.8	23.8	20.9	-1.7	5.0	2.6	143.6	117.9	41.7
9086	ok	0.0	1.0	4.85e-03	16.8	18.8	12.9	27.2	6.8	8.3	0.5	41.7	185.2	82.0
9087	ok	0.0	1.0	5.69e-03	11.8	11.8	11.8	12.2	9.8	13.4	-0.7	41.0	103.5	14.5
9088	ok	0.0	0.4	5.29e-03	11.8	11.8	11.8	11.8	1.7	6.5	-2.7	42.3	48.4	-2.2
9089	ok	0.0	0.6	6.64e-03	11.8	11.8	11.8	11.8	-23.3	-21.9	20.5	30.9	62.5	-21.1
9090	ok	0.0	0.3	5.09e-03	11.8	11.8	11.8	11.8	-8.3	-21.4	22.6	16.6	-18.9	-20.9
9091	ok	0.0	0.5	5.48e-03	11.8	11.8	11.8	11.8	-8.8	-17.1	18.7	36.3	38.8	-21.1
9092	ok	0.0	0.9	9.59e-03	15.5	24.1	17.6	24.4	-33.1	-44.5	4.7	120.8	148.3	-74.0
9093	ok	0.0	1.0	5.51e-03	11.8	14.2	11.8	16.1	-6.7	-12.9	17.0	118.8	137.4	25.9
9094	ok	0.0	0.4	5.56e-03	11.8	11.8	11.8	11.8	4.7	6.7	-0.9	39.9	35.9	-8.5
9095	ok	0.0	0.2	5.08e-03	11.8	11.8	11.8	11.8	-18.3	-3.4	12.2	-7.4	12.3	-20.1
9096	ok	0.0	0.3	4.66e-03	11.8	11.8	11.8	11.8	-5.4	-15.8	9.1	-21.0	6.6	-17.9
9097	ok	0.0	0.3	4.90e-03	11.8	11.8	11.8	11.8	-3.9	-0.3	11.3	-23.8	-15.2	-19.4
9098	ok	0.0	0.3	4.90e-03	11.8	11.8	11.8	11.8	-11.3	-1.8	9.3	-29.9	-9.8	-9.3
9099	ok	0.0	0.4	4.41e-03	11.8	11.8	11.8	11.8	-3.6	-14.5	8.4	-35.8	-18.7	-22.5
9100	ok	0.0	0.4	4.48e-03	11.8	11.8	11.8	11.8	-5.6	-16.0	7.9	-36.2	-7.3	-17.8
9101	ok	0.0	0.4	2.35e-03	11.8	11.8	11.8	11.8	-2.5	-6.1	-3.0	-45.1	5.5	9.1
9102	ok	0.0	0.5	3.45e-03	11.8	11.8	11.8	11.8	-4.1	-14.4	5.8	-53.5	-25.2	-18.6
9103	ok	0.0	0.5	3.58e-03	11.8	11.8	11.8	11.8	-5.2	-15.6	5.6	-53.0	-19.5	-17.5
9104	ok	0.0	1.0	3.09e-03	11.8	16.5	14.8	19.2	3.5	-7.5	-5.5	156.7	98.3	6.5
9105	ok	0.0	0.4	4.34e-03	11.8	11.8	11.8	11.8	-5.6	-16.0	6.9	-46.3	-14.5	-17.3
9106	ok	0.0	0.5	4.24e-03	11.8	11.8	11.8	11.8	-3.9	-14.5	7.1	-46.1	-22.8	-20.3
9107	ok	0.0	0.4	1.86e-03	11.8	11.8	11.8	11.8	0.8	-1.5	3.3	38.5	1.6	25.2
9108	ok	0.0	0.5	3.35e-03	11.8	11.8	11.8	11.8	-5.0	-15.4	3.6	-59.7	-22.5	-17.9
9109	ok	0.0	0.5	3.23e-03	11.8	11.8	11.8	11.8	-4.2	-13.9	3.8	-59.9	-25.5	-16.4
9110	ok	0.0	1.0	3.06e-03	11.8	15.6	11.8	17.5	-6.6	-9.4	4.3	120.3	139.1	39.6
9111	ok	0.0	0.4	3.11e-03	11.8	11.8	11.8	11.8	-4.5	-11.7	-1.0	-49.4	-6.0	-10.9
9112	ok	0.0	0.4	2.61e-03	11.8	11.8	11.8	11.8	-7.7	-7.9	-11.0	30.2	23.7	20.3
9113	ok	0.0	0.7	2.37e-03	11.8	11.8	11.8	11.8	-2.2	-9.6	-9.73e-02	31.1	85.5	18.0
9114	ok	0.0	0.4	2.13e-03	11.8	11.8	11.8	11.8	3.29e-02	-4.4	-2.2	-4.6	46.5	12.7
9115	ok	0.0	0.3	1.96e-03	11.8	11.8	11.8	11.8	-6.5	-8.5	-7.0	27.4	-3.4	12.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9116	ok	0.0	0.4	3.28e-03	11.8	11.8	11.8	11.8	-5.3	-12.0	-2.7	-40.0	5.2	-14.7
9117	ok	0.0	0.5	3.05e-03	11.8	11.8	11.8	11.8	-4.4	-12.4	0.1	-56.0	-13.7	-12.5
9118	ok	0.0	0.6	3.23e-03	11.8	11.8	11.8	11.8	-5.6	-15.1	0.9	-61.1	-18.6	-19.3
9119	ok	0.0	0.5	3.02e-03	11.8	11.8	11.8	11.8	-4.3	-13.0	1.3	-59.8	-19.5	-13.9
9120	ok	0.0	0.6	3.19e-03	11.8	11.8	11.8	11.8	-5.1	-15.0	2.2	-61.6	-21.1	-18.1
9121	ok	0.0	0.5	3.07e-03	11.8	11.8	11.8	11.8	-4.2	-13.5	2.5	-61.0	-23.3	-15.1
9122	ok	0.0	0.3	3.46e-03	11.8	11.8	11.8	11.8	-6.8	-12.8	-4.1	-27.4	14.0	-20.7
9123	ok	0.0	0.2	3.23e-03	11.8	11.8	11.8	11.8	-4.3	-10.2	-3.7	-20.4	19.9	-6.1
9124	ok	0.0	0.4	1.25e-03	11.8	11.8	11.8	11.8	-1.4	2.0	1.2	-43.7	-6.1	-12.0
9125	ok	0.0	0.4	3.43e-03	11.8	11.8	11.8	11.8	-6.8	-13.5	-2.9	-42.3	3.6	-22.6
9126	ok	0.0	0.4	2.35e-03	11.8	11.8	11.8	11.8	-2.4	-6.2	-3.1	-45.4	10.6	4.7
9127	ok	0.0	0.3	3.19e-03	11.8	11.8	11.8	11.8	-4.3	-10.9	-2.6	-38.4	5.8	-8.2
9128	ok	0.0	0.2	3.51e-03	11.8	11.8	11.8	11.8	-6.8	-12.5	-4.8	-16.0	20.6	-18.4
9129	ok	0.0	0.2	3.28e-03	11.8	11.8	11.8	11.8	-3.8	-8.0	-4.8	-4.6	30.3	-6.2
9130	ok	0.0	0.4	1.52e-03	11.8	11.8	11.8	11.8	3.6	-0.4	0.9	-35.8	-9.0	-17.6
9135	ok	0.0	0.3	5.13e-03	11.8	11.8	11.8	11.8	64.3	2.0	1.1	-24.9	-0.9	-3.4
9136	ok	0.0	0.4	6.19e-03	11.8	11.8	11.8	11.8	70.6	2.4	0.2	-36.5	-0.6	-2.8
9137	ok	0.0	0.4	8.16e-03	11.8	11.8	11.8	11.8	91.8	3.6	1.4	-41.4	-0.6	-2.1
9138	ok	0.0	0.4	7.08e-03	11.8	11.8	11.8	11.8	97.1	-5.2	-1.2	-34.7	0.9	-4.6
9144	ok	0.0	0.4	1.21e-02	11.8	11.8	11.8	11.8	52.6	3.1	4.3	-35.1	1.1	-5.8
9159	ok	0.0	0.3	3.52e-03	11.8	11.8	11.8	11.8	-11.4	0.3	3.0	7.2	19.1	-12.9
9160	ok	0.0	0.2	4.44e-03	11.8	11.8	11.8	11.8	-13.1	-1.7	-0.6	-13.7	-0.3	7.0
9161	ok	0.0	0.5	1.89e-03	11.8	11.8	11.8	11.8	-7.6	-4.8	5.6	-27.2	-30.1	34.1
9172	ok	0.0	0.6	2.95e-03	11.8	11.8	11.8	11.8	-6.5	-3.7	-1.7	-37.3	-56.2	20.8
9173	ok	0.0	0.5	3.23e-03	11.8	11.8	11.8	11.8	-7.5	-2.4	-2.2	-45.6	-50.9	15.8
9177	ok	0.0	0.5	2.94e-03	11.8	11.8	11.8	11.8	-7.3	-2.8	-2.3	-44.7	-53.6	16.9
9178	ok	0.0	0.4	7.01e-03	11.8	11.8	11.8	11.8	15.7	-5.74e-02	-4.03e-02	-49.9	0.2	0.4
9179	ok	0.0	0.4	1.16e-02	11.8	11.8	11.8	11.8	55.4	1.7	4.8	-39.7	-0.3	-5.6
9180	ok	0.0	0.5	1.73e-03	11.8	11.8	11.8	11.8	28.9	-3.5	3.1	-60.6	-7.0	-4.1
9181	ok	0.0	0.5	3.57e-03	11.8	11.8	11.8	11.8	26.6	-7.13e-02	-0.1	-52.5	0.3	1.1
9182	ok	0.0	0.5	1.22e-03	11.8	11.8	11.8	11.8	22.7	0.2	0.5	-50.1	0.4	1.3
9183	ok	0.0	0.4	6.10e-04	11.8	11.8	11.8	11.8	3.5	-1.1	2.6	-42.8	0.9	3.1
9184	ok	0.0	1.0	4.04e-03	17.4	11.8	11.8	11.8	12.3	-12.4	-19.3	-92.2	-36.1	-83.0
9185	ok	0.0	0.7	7.34e-04	11.8	11.8	11.8	11.8	64.6	20.1	5.7	-42.7	16.3	59.0
9215	ok	0.0	0.5	4.34e-03	11.8	11.8	11.8	11.8	-13.6	-16.3	1.3	-55.2	-36.2	-19.0
9222	ok	0.0	0.6	3.95e-03	11.8	11.8	11.8	11.8	-13.9	-14.7	-1.6	-51.0	-26.8	-32.4
9223	ok	0.0	0.4	3.60e-03	11.8	11.8	11.8	11.8	-8.5	-14.2	-4.1	-33.3	8.6	-29.0
9224	ok	0.0	0.5	3.63e-03	11.8	11.8	11.8	11.8	-8.4	-16.5	-2.1	-52.6	-9.4	-30.1
9225	ok	0.0	0.6	4.23e-03	11.8	11.8	11.8	11.8	-17.0	-17.1	-1.1	-50.3	-11.8	-35.2
9226	ok	0.0	0.6	3.88e-03	11.8	11.8	11.8	11.8	-15.0	-16.7	-2.6	-48.1	-22.0	-37.2
9227	ok	0.0	0.6	3.82e-03	11.8	11.8	11.8	11.8	-13.9	-16.5	-3.3	-44.8	-17.6	-39.6
9228	ok	0.0	0.6	3.77e-03	11.8	11.8	11.8	11.8	-12.6	-16.1	-3.8	-42.3	-11.5	-40.0
9229	ok	0.0	0.5	3.72e-03	11.8	11.8	11.8	11.8	-11.2	-15.6	-4.1	-39.8	-4.8	-38.1
9230	ok	0.0	0.4	3.67e-03	11.8	11.8	11.8	11.8	-8.4	-12.5	-4.1	-36.5	3.8	-34.0
9231	ok	0.0	0.5	3.62e-03	11.8	11.8	11.8	11.8	-8.6	-15.3	-3.3	-45.2	-2.1	-30.3
9232	ok	0.0	0.6	3.77e-03	11.8	11.8	11.8	11.8	-9.7	-17.7	-2.3	-51.7	-11.8	-34.4
9233	ok	0.0	0.6	3.90e-03	11.8	11.8	11.8	11.8	-11.1	-18.9	-2.5	-50.5	-14.1	-37.8
9234	ok	0.0	0.6	4.00e-03	11.8	11.8	11.8	11.8	-12.9	-19.7	-2.7	-49.3	-15.7	-40.2
9235	ok	0.0	0.6	4.05e-03	11.8	11.8	11.8	11.8	-14.9	-20.3	-2.7	-48.7	-15.7	-40.8
9236	ok	0.0	0.6	4.11e-03	11.8	11.8	11.8	11.8	-15.2	-17.4	-2.2	-48.9	-14.4	-39.1
9237	ok	0.0	0.6	4.08e-03	11.8	11.8	11.8	11.8	-15.4	-15.8	-1.2	-52.8	-19.9	-33.8
9238	ok	0.0	0.5	3.72e-03	11.8	11.8	11.8	11.8	-9.9	-16.3	-3.4	-46.4	-5.7	-35.0
9239	ok	0.0	0.6	3.81e-03	11.8	11.8	11.8	11.8	-11.3	-17.1	-3.4	-47.2	-9.9	-38.6
9240	ok	0.0	0.6	3.87e-03	11.8	11.8	11.8	11.8	-12.8	-17.7	-3.4	-47.9	-13.7	-40.6
9241	ok	0.0	0.6	3.91e-03	11.8	11.8	11.8	11.8	-14.5	-18.2	-3.0	-48.9	-16.7	-40.6
9242	ok	0.0	0.6	3.97e-03	11.8	11.8	11.8	11.8	-14.3	-15.7	-2.3	-50.4	-18.8	-38.1
9243	ok	0.0	0.5	3.97e-03	11.8	11.8	11.8	11.8	-8.1	-19.8	4.2	-51.7	-22.3	-19.4
9244	ok	0.0	0.5	6.99e-03	11.8	11.8	11.8	11.8	-21.2	-50.1	-9.8	18.9	37.3	-30.6
9245	ok	0.0	0.6	3.66e-03	11.8	11.8	11.8	11.8	-8.2	-17.5	-0.8	-55.7	-14.5	-28.8
9246	ok	0.0	0.6	3.78e-03	11.8	11.8	11.8	11.8	-8.0	-18.5	0.7	-56.4	-18.5	-26.6
9247	ok	0.0	0.5	3.90e-03	11.8	11.8	11.8	11.8	-8.0	-19.3	2.3	-54.9	-21.1	-23.4
9248	ok	0.0	0.5	4.40e-03	11.8	11.8	11.8	11.8	-8.8	-22.1	4.4	-45.2	-23.4	-20.7
9249	ok	0.0	0.4	4.89e-03	11.8	11.8	11.8	11.8	-9.4	-25.0	4.3	-37.3	-24.2	-22.6
9250	ok	0.0	0.4	5.44e-03	11.8	11.8	11.8	11.8	-8.9	-23.9	3.1	-28.0	-22.8	-25.4
9251	ok	0.0	0.4	6.02e-03	11.8	11.8	11.8	11.8	-10.0	-27.1	1.6	-17.2	-18.1	-28.8
9252	ok	0.0	0.3	6.55e-03	11.8	11.8	11.8	11.8	-4.2	-48.1	-7.7	5.6	12.2	-29.2
9253	ok	0.0	0.3	5.62e-03	11.8	11.8	11.8	11.8	-7.6	-33.8	-10.7	-21.4	15.7	-31.1
9254	ok	0.0	0.4	4.81e-03	11.8	11.8	11.8	11.8	-22.5	-25.0	-2.3	-32.0	5.5	-38.3
9255	ok	0.0	0.5	4.39e-03	11.8	11.8	11.8	11.8	-18.5	-18.8	-1.4	-43.8	-3.9	-36.6
9256	ok	0.0	0.5	4.25e-03	11.8	11.8	11.8	11.8	-8.9	-21.4	2.3	-49.5	-22.0	-25.7
9257	ok	0.0	0.6	4.06e-03	11.8	11.8	11.8	11.8	-9.1	-20.4	0.4	-52.4	-19.5	-29.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9258	ok	0.0	0.6	3.88e-03	11.8	11.8	11.8	11.8	-9.4	-19.1	-1.1	-53.3	-16.0	-32.6
9259	ok	0.0	0.5	4.63e-03	11.8	11.8	11.8	11.8	-9.8	-23.8	1.9	-43.0	-22.5	-28.5
9260	ok	0.0	0.6	4.34e-03	11.8	11.8	11.8	11.8	-10.4	-22.3	-3.55e-02	-47.6	-20.1	-32.9
9261	ok	0.0	0.6	4.09e-03	11.8	11.8	11.8	11.8	-10.8	-20.5	-1.5	-50.3	-17.3	-36.0
9262	ok	0.0	0.5	5.00e-03	11.8	11.8	11.8	11.8	-9.8	-22.3	0.7	-35.5	-21.0	-31.6
9263	ok	0.0	0.5	4.59e-03	11.8	11.8	11.8	11.8	-12.0	-24.0	-0.8	-42.3	-19.1	-36.0
9264	ok	0.0	0.6	4.25e-03	11.8	11.8	11.8	11.8	-12.6	-21.8	-2.0	-47.2	-17.3	-38.7
9265	ok	0.0	0.5	5.31e-03	11.8	11.8	11.8	11.8	-11.6	-24.4	-0.6	-27.8	-16.3	-35.0
9266	ok	0.0	0.5	4.77e-03	11.8	11.8	11.8	11.8	-12.7	-21.6	-1.7	-37.6	-15.3	-38.5
9267	ok	0.0	0.6	4.38e-03	11.8	11.8	11.8	11.8	-13.2	-19.2	-2.4	-44.8	-15.1	-40.2
9268	ok	0.0	0.4	5.53e-03	11.8	11.8	11.8	11.8	-15.0	-25.6	-2.1	-20.3	-6.4	-38.3
9269	ok	0.0	0.5	4.87e-03	11.8	11.8	11.8	11.8	-15.9	-22.1	-2.4	-34.0	-7.7	-39.8
9270	ok	0.0	0.6	4.38e-03	11.8	11.8	11.8	11.8	-15.8	-19.4	-2.3	-43.6	-10.7	-39.7
9271	ok	0.0	0.3	3.54e-03	11.8	11.8	11.8	11.8	-7.7	-13.6	-4.1	-30.9	10.9	-25.5
9272	ok	0.0	0.5	3.53e-03	11.8	11.8	11.8	11.8	-7.7	-15.7	-1.9	-52.8	-8.1	-27.3
9273	ok	0.0	0.5	3.54e-03	11.8	11.8	11.8	11.8	-6.5	-11.9	-3.2	-43.4	2.1	-27.1
9274	ok	0.0	0.3	3.50e-03	11.8	11.8	11.8	11.8	-7.2	-13.2	-4.1	-29.0	12.6	-22.8
9275	ok	0.0	0.5	3.46e-03	11.8	11.8	11.8	11.8	-7.1	-15.0	-1.8	-52.9	-7.3	-24.9
9276	ok	0.0	0.4	3.47e-03	11.8	11.8	11.8	11.8	-5.9	-11.4	-3.2	-42.6	3.4	-24.5
9277	ok	0.0	0.3	1.66e-03	11.8	11.8	11.8	11.8	-4.5	1.3	0.8	-36.3	-14.1	-8.3
9278	ok	0.0	0.6	3.45e-03	11.8	11.8	11.8	11.8	-6.5	-16.8	2.2	-60.0	-20.9	-20.5
9279	ok	0.0	0.6	3.46e-03	11.8	11.8	11.8	11.8	-6.8	-16.7	0.8	-59.5	-17.8	-23.0
9280	ok	0.0	0.5	3.44e-03	11.8	11.8	11.8	11.8	-6.9	-15.9	-0.6	-57.5	-13.3	-24.3
9281	ok	0.0	0.5	3.72e-03	11.8	11.8	11.8	11.8	-7.5	-18.6	3.9	-54.8	-21.7	-18.8
9282	ok	0.0	0.6	3.53e-03	11.8	11.8	11.8	11.8	-7.5	-16.6	-0.7	-56.9	-13.7	-26.3
9283	ok	0.0	0.6	3.59e-03	11.8	11.8	11.8	11.8	-7.3	-17.5	0.7	-58.3	-18.0	-24.6
9284	ok	0.0	0.5	3.67e-03	11.8	11.8	11.8	11.8	-7.3	-18.1	2.3	-57.6	-20.7	-22.0
9285	ok	0.0	0.3	5.10e-03	11.8	11.8	11.8	11.8	-6.4	-0.8	-1.9	-39.1	-10.5	-8.0
9286	ok	0.0	0.3	3.78e-03	11.8	11.8	11.8	11.8	-1.6	-8.5	1.66e-02	18.1	-41.2	11.7
9287	ok	0.0	0.1	5.54e-03	11.8	11.8	11.8	11.8	-2.6	-0.9	-1.5	-15.0	-2.9	-7.3
9288	ok	0.0	0.5	3.27e-03	11.8	11.8	11.8	11.8	-6.9	-3.5	-0.8	-35.2	-48.7	23.7
9289	ok	0.0	0.3	3.12e-03	11.8	11.8	11.8	11.8	1.7	-1.0	0.2	-6.2	-27.0	-13.3
9290	ok	0.0	0.3	3.35e-03	11.8	11.8	11.8	11.8	4.6	0.7	2.1	4.5	-23.6	-16.9
9291	ok	0.0	0.6	3.11e-03	11.8	11.8	11.8	11.8	-6.2	-4.2	-1.1	-32.3	-55.5	24.4
9293	ok	0.0	0.2	5.15e-03	11.8	11.8	11.8	11.8	-6.1	-0.6	-1.6	-28.1	0.7	-4.8
9294	ok	0.0	0.3	2.88e-03	11.8	11.8	11.8	11.8	4.7	0.9	2.3	-15.4	-26.4	-19.4
9295	ok	0.0	0.4	2.68e-03	11.8	11.8	11.8	11.8	5.4	1.6	3.0	-24.3	-23.4	-23.4
9296	ok	0.0	0.4	2.52e-03	11.8	11.8	11.8	11.8	4.5	1.6	2.6	-33.3	-14.1	-24.4
9298	ok	0.0	0.4	3.58e-03	11.8	11.8	11.8	11.8	-1.8	-8.3	1.0	15.8	-40.8	20.9
9299	ok	0.0	0.1	2.36e-03	11.8	11.8	11.8	11.8	-10.1	-3.6	-6.2	9.1	-2.8	1.3
9300	ok	0.0	0.6	2.87e-03	11.8	11.8	11.8	11.8	-7.5	-3.9	-0.7	-15.4	-55.6	38.6
9301	ok	0.0	0.6	2.87e-03	11.8	11.8	11.8	11.8	-8.1	-4.0	-7.79e-02	-13.5	-53.8	40.4
9302	ok	0.0	0.7	2.82e-03	11.8	11.8	11.8	11.8	-8.0	-4.0	-0.7	-15.0	-55.5	39.9
9303	ok	0.0	9.26e-02	5.52e-03	11.8	11.8	11.8	11.8	-6.1	-0.4	-1.5	-10.4	10.1	1.9
9304	ok	0.0	0.5	3.49e-03	11.8	11.8	11.8	11.8	-5.8	-2.9	0.5	-29.6	-34.3	24.4
9305	ok	0.0	0.6	2.80e-03	11.8	11.8	11.8	11.8	-8.7	-4.1	-0.3	-16.8	-54.5	39.6
9306	ok	0.0	0.6	4.45e-03	11.8	11.8	11.8	11.8	7.9	2.7	4.6	-53.5	-13.2	-27.7
9307	ok	0.0	0.6	2.78e-03	11.8	11.8	11.8	11.8	-8.5	-4.3	-0.8	-14.5	-55.4	40.0
9308	ok	0.0	0.4	2.17e-03	11.8	11.8	11.8	11.8	-1.9	-0.6	-1.1	-41.9	-11.2	-22.6
9309	ok	0.0	0.3	3.68e-03	11.8	11.8	11.8	11.8	-2.4	0.2	-0.5	34.1	3.8	11.2
9310	ok	0.0	0.6	2.62e-03	11.8	11.8	11.8	11.8	-9.6	-5.1	-1.2	-22.1	-57.8	29.9
9311	ok	0.0	0.6	2.63e-03	11.8	11.8	11.8	11.8	-11.1	-5.9	-2.0	-13.6	-57.2	30.7
9312	ok	0.0	0.6	3.01e-03	11.8	11.8	11.8	11.8	-6.9	-4.0	-9.48e-02	-9.6	-53.3	36.2
9313	ok	0.0	0.6	2.93e-03	11.8	11.8	11.8	11.8	-7.1	-3.8	-0.8	-15.9	-55.8	36.1
9314	ok	0.0	0.5	3.38e-03	11.8	11.8	11.8	11.8	-1.3	-7.3	-2.68e-05	1.3	-53.5	19.8
9315	ok	0.0	0.5	5.19e-03	11.8	11.8	11.8	11.8	7.8	-2.6	-7.6	61.6	29.0	10.4
9316	ok	0.0	0.3	3.42e-03	11.8	11.8	11.8	11.8	4.0	-4.7	0.9	41.8	-26.3	5.3
9317	ok	0.0	0.5	3.78e-03	11.8	11.8	11.8	11.8	7.4	-4.2	1.6	61.9	-3.3	-1.5
9318	ok	0.0	0.4	4.13e-03	11.8	11.8	11.8	11.8	-16.4	-10.3	-9.9	35.7	12.9	9.9
9319	ok	0.0	0.2	3.73e-03	11.8	11.8	11.8	11.8	4.2	0.4	1.5	27.4	-12.6	-3.6
9320	ok	0.0	0.2	3.31e-03	11.8	11.8	11.8	11.8	3.8	-3.2	0.7	25.0	-24.1	-2.6
9321	ok	0.0	0.2	3.26e-03	11.8	11.8	11.8	11.8	3.9	-1.6	0.9	8.2	-23.8	-7.7
9322	ok	0.0	0.3	3.69e-03	11.8	11.8	11.8	11.8	3.9	-3.2	0.7	33.5	-10.7	-3.5
9323	ok	0.0	0.2	3.47e-03	11.8	11.8	11.8	11.8	4.1	-0.8	1.2	16.1	-16.8	-8.4
9324	ok	0.0	1.0	4.66e-03	11.8	16.1	11.8	14.7	-18.5	-21.0	-10.7	115.3	107.7	37.5
9325	ok	0.0	0.4	3.13e-03	11.8	11.8	11.8	11.8	3.6	-5.7	1.2	49.1	-28.8	16.6
9326	ok	0.0	0.6	4.06e-03	11.8	11.8	11.8	11.8	5.7	-8.2	-0.9	70.4	-16.9	18.5
9327	ok	0.0	0.1	2.73e-03	11.8	11.8	11.8	11.8	-1.6	-1.7	1.2	0.5	-7.3	11.3
9328	ok	0.0	0.3	2.63e-03	11.8	11.8	11.8	11.8	0.1	-4.4	1.6	10.1	-30.3	22.0
9329	ok	0.0	0.2	2.65e-03	11.8	11.8	11.8	11.8	-1.0	-3.2	1.8	5.5	-18.2	19.3
9330	ok	0.0	0.3	2.83e-03	11.8	11.8	11.8	11.8	-7.5	-3.8	3.6	25.6	15.9	13.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9331	ok	0.0	0.7	3.12e-03	11.8	11.8	11.8	11.8	-5.4	-7.0	0.1	66.0	39.1	31.5
9332	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	-1.6	-6.0	1.7	25.5	-27.5	25.7
9333	ok	0.0	0.4	2.68e-03	11.8	11.8	11.8	11.8	-1.0	-7.4	1.8	40.7	-31.9	24.3
9334	ok	0.0	0.3	2.89e-03	11.8	11.8	11.8	11.8	-1.1	-5.4	3.7	25.7	-9.7	27.0
9335	ok	0.0	0.6	3.61e-03	11.8	11.8	11.8	11.8	-2.6	-8.8	5.5	62.5	-1.6	32.4
9336	ok	0.0	0.2	2.79e-03	11.8	11.8	11.8	11.8	-1.3	-2.0	0.4	-14.1	-19.6	7.0
9337	ok	0.0	0.3	2.66e-03	11.8	11.8	11.8	11.8	-2.7	-4.3	0.2	-3.2	-33.6	16.3
9338	ok	0.0	0.3	2.70e-03	11.8	11.8	11.8	11.8	-0.9	-2.9	0.7	-9.1	-26.4	13.4
9339	ok	0.0	0.4	3.05e-03	11.8	11.8	11.8	11.8	-0.5	-4.3	-1.8	-34.7	-51.2	4.2
9340	ok	0.0	0.4	2.63e-03	11.8	11.8	11.8	11.8	-2.7	-5.2	-2.3	-41.0	-42.9	7.4
9341	ok	0.0	0.4	2.81e-03	11.8	11.8	11.8	11.8	-2.7	-5.0	-2.4	-38.3	-47.9	6.7
9342	ok	0.0	0.4	3.09e-03	11.8	11.8	11.8	11.8	-0.6	-3.7	-1.6	-34.9	-47.6	1.5
9343	ok	0.0	0.3	3.07e-03	11.8	11.8	11.8	11.8	-0.7	-3.2	-1.3	-33.3	-43.1	0.4
9344	ok	0.0	0.3	2.92e-03	11.8	11.8	11.8	11.8	-0.8	-2.7	-0.9	-29.8	-37.4	1.0
9345	ok	0.0	0.3	2.87e-03	11.8	11.8	11.8	11.8	-1.0	-2.3	-0.3	-23.5	-29.8	3.2
9346	ok	0.0	0.4	2.67e-03	11.8	11.8	11.8	11.8	-2.7	-4.9	-2.1	-37.6	-42.4	5.4
9347	ok	0.0	0.4	2.70e-03	11.8	11.8	11.8	11.8	-2.8	-4.6	-1.7	-32.1	-41.3	5.3
9348	ok	0.0	0.3	2.70e-03	11.8	11.8	11.8	11.8	-2.8	-4.3	-1.2	-24.6	-39.5	7.0
9349	ok	0.0	0.3	2.69e-03	11.8	11.8	11.8	11.8	-2.8	-4.2	-0.6	-14.8	-36.9	10.9
9350	ok	0.0	0.4	2.79e-03	11.8	11.8	11.8	11.8	-2.8	-4.6	-2.2	-36.7	-45.7	4.5
9351	ok	0.0	0.4	2.81e-03	11.8	11.8	11.8	11.8	-0.5	-3.6	-1.2	-33.2	-42.8	3.9
9352	ok	0.0	0.3	2.80e-03	11.8	11.8	11.8	11.8	-0.6	-3.3	-0.8	-27.7	-38.8	5.2
9353	ok	0.0	0.3	2.76e-03	11.8	11.8	11.8	11.8	-3.2	-3.4	-0.7	-19.7	-33.1	8.6
9354	ok	0.0	0.5	2.83e-03	11.8	11.8	11.8	11.8	-2.7	-6.3	-2.2	-28.1	-57.2	18.6
9355	ok	0.0	0.5	2.47e-03	11.8	11.8	11.8	11.8	-2.8	-6.1	-2.5	-37.6	-40.4	19.9
9356	ok	0.0	0.5	2.69e-03	11.8	11.8	11.8	11.8	-2.8	-6.2	-2.3	-33.2	-50.3	19.9
9357	ok	0.0	0.5	2.91e-03	11.8	11.8	11.8	11.8	-0.5	-5.3	-1.7	-30.8	-56.0	13.3
9358	ok	0.0	0.5	2.99e-03	11.8	11.8	11.8	11.8	-0.5	-4.9	-1.8	-33.2	-54.0	8.3
9359	ok	0.0	0.5	2.50e-03	11.8	11.8	11.8	11.8	-2.7	-5.8	-2.5	-41.0	-41.9	15.1
9360	ok	0.0	0.4	2.57e-03	11.8	11.8	11.8	11.8	-2.7	-5.5	-2.5	-42.1	-42.7	10.7
9361	ok	0.0	0.5	2.77e-03	11.8	11.8	11.8	11.8	-2.7	-5.9	-2.4	-36.4	-50.1	14.9
9362	ok	0.0	0.5	2.80e-03	11.8	11.8	11.8	11.8	-2.7	-5.5	-2.5	-38.1	-49.4	10.4
9363	ok	0.0	0.5	2.32e-03	11.8	11.8	11.8	11.8	-4.5	-5.6	-3.0	-15.8	-54.7	13.3
9364	ok	0.0	0.3	2.38e-03	11.8	11.8	11.8	11.8	-0.4	-6.8	-3.0	14.4	-33.0	7.5
9365	ok	0.0	0.4	2.29e-03	11.8	11.8	11.8	11.8	-3.9	-6.2	-3.4	-3.4	-46.6	10.2
9366	ok	0.0	0.5	2.34e-03	11.8	11.8	11.8	11.8	-4.2	-5.9	-2.5	-14.2	-56.9	20.1
9367	ok	0.0	0.6	2.35e-03	11.8	11.8	11.8	11.8	-3.9	-6.2	-2.1	-15.2	-57.9	25.0
9368	ok	0.0	0.6	2.60e-03	11.8	11.8	11.8	11.8	-3.5	-6.4	-1.9	-17.7	-58.2	27.4
9369	ok	0.0	0.6	2.66e-03	11.8	11.8	11.8	11.8	-3.2	-6.5	-1.9	-20.8	-58.3	26.9
9370	ok	0.0	0.6	2.76e-03	11.8	11.8	11.8	11.8	-2.8	-6.5	-2.1	-26.1	-57.9	21.9
9371	ok	0.0	0.3	2.28e-03	11.8	11.8	11.8	11.8	-0.4	-6.9	-2.1	11.4	-34.6	18.8
9372	ok	0.0	0.4	2.24e-03	11.8	11.8	11.8	11.8	-0.5	-6.6	-1.6	2.1	-34.8	26.6
9373	ok	0.0	0.4	2.23e-03	11.8	11.8	11.8	11.8	-3.2	-6.6	-2.3	-10.4	-35.3	29.4
9374	ok	0.0	0.5	2.39e-03	11.8	11.8	11.8	11.8	-3.1	-6.4	-2.3	-21.3	-36.5	28.6
9375	ok	0.0	0.5	2.44e-03	11.8	11.8	11.8	11.8	-2.9	-6.2	-2.4	-33.9	-39.3	23.0
9376	ok	0.0	0.5	2.27e-03	11.8	11.8	11.8	11.8	-3.6	-6.5	-2.8	-3.6	-48.6	19.1
9377	ok	0.0	0.5	2.26e-03	11.8	11.8	11.8	11.8	-3.5	-6.5	-2.4	-8.0	-49.3	25.3
9378	ok	0.0	0.5	2.25e-03	11.8	11.8	11.8	11.8	-3.3	-6.5	-2.2	-14.5	-49.4	28.2
9379	ok	0.0	0.5	2.53e-03	11.8	11.8	11.8	11.8	-3.1	-6.5	-2.1	-21.3	-49.7	27.9
9380	ok	0.0	0.5	2.63e-03	11.8	11.8	11.8	11.8	-2.9	-6.3	-2.3	-30.3	-50.3	22.9
9381	ok	0.0	0.4	2.29e-03	11.8	11.8	11.8	11.8	-4.8	-5.3	-3.3	-18.2	-52.4	8.5
9382	ok	0.0	0.2	2.42e-03	11.8	11.8	11.8	11.8	-0.7	-6.4	-3.6	11.5	-30.7	-1.0
9383	ok	0.0	0.4	2.29e-03	11.8	11.8	11.8	11.8	-4.1	-5.9	-3.8	-5.6	-44.2	3.9
9384	ok	0.0	0.4	2.24e-03	11.8	11.8	11.8	11.8	-5.4	-4.6	-4.1	-27.7	-43.9	-2.4
9385	ok	0.0	0.3	2.40e-03	11.8	11.8	11.8	11.8	-4.2	-5.4	-5.1	-7.3	-22.6	-16.9
9386	ok	0.0	0.3	2.24e-03	11.8	11.8	11.8	11.8	-4.8	-5.0	-4.6	-18.5	-35.4	-9.5
9387	ok	0.0	0.4	2.27e-03	11.8	11.8	11.8	11.8	-5.1	-5.0	-3.8	-22.4	-48.6	2.8
9388	ok	0.0	0.2	2.44e-03	11.8	11.8	11.8	11.8	-1.0	-5.8	-4.1	3.9	-26.9	-10.1
9389	ok	0.0	0.3	2.28e-03	11.8	11.8	11.8	11.8	-4.4	-5.5	-4.2	-11.1	-40.2	-3.4
9390	ok	0.0	0.4	2.08e-03	11.8	11.8	11.8	11.8	-4.1	-2.8	-4.1	-45.0	-13.7	-11.6
9391	ok	0.0	0.4	2.19e-03	11.8	11.8	11.8	11.8	-2.5	-2.7	-4.6	-41.7	-4.6	-26.2
9392	ok	0.0	0.4	2.07e-03	11.8	11.8	11.8	11.8	-3.4	-2.7	-4.4	-43.4	-8.8	-20.1
9393	ok	0.0	0.4	2.08e-03	11.8	11.8	11.8	11.8	-3.9	-3.0	-4.1	-43.8	-22.6	-11.0
9394	ok	0.0	0.4	2.18e-03	11.8	11.8	11.8	11.8	-6.2	-3.9	-4.7	-40.0	-30.5	-9.4
9395	ok	0.0	0.3	2.21e-03	11.8	11.8	11.8	11.8	-5.8	-4.2	-4.4	-34.3	-37.6	-6.6
9396	ok	0.0	0.4	2.18e-03	11.8	11.8	11.8	11.8	-5.2	-3.8	-5.5	-38.2	-9.0	-25.5
9397	ok	0.0	0.4	2.24e-03	11.8	11.8	11.8	11.8	-4.9	-4.2	-5.4	-30.7	-13.3	-24.2
9398	ok	0.0	0.3	2.32e-03	11.8	11.8	11.8	11.8	-4.6	-4.7	-5.3	-20.0	-17.7	-21.7
9399	ok	0.0	0.4	2.11e-03	11.8	11.8	11.8	11.8	-5.9	-3.7	-5.2	-41.0	-16.1	-19.0
9400	ok	0.0	0.4	2.16e-03	11.8	11.8	11.8	11.8	-5.6	-4.1	-5.1	-35.5	-22.9	-17.4
9401	ok	0.0	0.3	2.21e-03	11.8	11.8	11.8	11.8	-5.2	-4.5	-4.9	-27.5	-29.3	-14.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9402	ok	0.0	0.3	2.22e-03	11.8	11.8	11.8	11.8	-4.5	-2.6	-4.0	-39.6	3.8	-11.9
9403	ok	0.0	0.4	2.28e-03	11.8	11.8	11.8	11.8	-2.8	-2.3	-4.5	-38.9	3.8	-26.7
9404	ok	0.0	0.4	2.16e-03	11.8	11.8	11.8	11.8	-3.7	-2.5	-4.3	-39.2	4.5	-20.7
9405	ok	0.0	0.4	2.15e-03	11.8	11.8	11.8	11.8	-4.3	-2.7	-4.1	-43.6	-5.6	-11.7
9406	ok	0.0	0.4	2.23e-03	11.8	11.8	11.8	11.8	-2.7	-2.5	-4.6	-41.8	-0.6	-26.5
9407	ok	0.0	0.4	2.10e-03	11.8	11.8	11.8	11.8	-3.5	-2.6	-4.4	-42.6	-2.5	-20.5
9408	ok	0.0	0.3	2.30e-03	11.8	11.8	11.8	11.8	-4.7	-2.6	-3.9	-34.1	12.2	-12.0
9409	ok	0.0	0.4	2.33e-03	11.8	11.8	11.8	11.8	-2.9	-2.2	-4.4	-34.3	7.7	-26.7
9410	ok	0.0	0.3	2.21e-03	11.8	11.8	11.8	11.8	-3.8	-2.4	-4.2	-33.9	10.8	-21.0
9411	ok	0.0	0.2	2.40e-03	11.8	11.8	11.8	11.8	-4.8	-2.6	-3.8	-25.9	21.7	-12.2
9412	ok	0.0	0.3	2.40e-03	11.8	11.8	11.8	11.8	-3.0	-2.1	-4.3	-27.1	12.0	-26.6
9413	ok	0.0	0.3	2.27e-03	11.8	11.8	11.8	11.8	-4.0	-2.4	-4.0	-26.0	17.8	-21.2
9414	ok	0.0	0.3	2.50e-03	11.8	11.8	11.8	11.8	-8.0	-3.8	-4.6	-8.7	37.8	-12.3
9415	ok	0.0	0.3	2.45e-03	11.8	11.8	11.8	11.8	-3.2	-2.0	-4.1	-14.2	20.0	-23.0
9416	ok	0.0	0.3	2.39e-03	11.8	11.8	11.8	11.8	-4.1	-2.3	-3.6	-9.6	29.2	-20.8
9417	ok	0.0	0.7	2.72e-03	11.8	11.8	11.8	11.8	-8.6	-4.7	-4.2	57.3	78.8	-19.3
9418	ok	0.0	0.4	2.42e-03	11.8	11.8	11.8	11.8	-2.3	-6.2	-2.8	-52.9	-4.0	2.3
9419	ok	0.0	0.5	2.83e-03	11.8	11.8	11.8	11.8	-8.3	-4.6	-4.9	49.7	47.4	-16.7
9420	ok	0.0	0.5	2.58e-03	11.8	11.8	11.8	11.8	-8.4	-4.1	-4.4	17.5	54.1	-13.9
9421	ok	0.0	0.3	2.61e-03	11.8	11.8	11.8	11.8	-6.4	-3.6	-5.1	8.0	25.9	-22.0
9422	ok	0.0	0.4	2.60e-03	11.8	11.8	11.8	11.8	-7.4	-3.8	-4.7	14.4	39.6	-20.3
9423	ok	0.0	1.0	3.46e-03	11.8	16.8	11.8	11.8	-8.6	-4.9	-4.5	156.9	84.1	15.1
9424	ok	0.0	1.0	3.83e-03	11.8	16.9	11.8	12.5	10.8	-1.5	-6.7	113.9	81.0	-34.9
9425	ok	0.0	0.9	3.24e-03	11.8	12.0	11.8	11.8	-7.9	-5.2	-4.1	110.5	54.6	14.6
9426	ok	0.0	1.0	3.61e-03	11.8	12.9	11.8	11.8	-9.5	-4.4	-4.7	117.1	86.3	-17.4
9427	ok	0.0	0.2	3.29e-03	11.8	11.8	11.8	11.8	-5.3	-11.0	-3.9	-22.6	17.3	-11.5
9428	ok	0.0	0.7	3.14e-03	11.8	11.8	11.8	11.8	-8.1	-4.2	-4.2	89.1	51.1	-9.6
9429	ok	0.0	0.7	3.52e-03	11.8	11.8	11.8	11.8	-4.3	-11.0	-5.4	71.1	68.1	20.7
9431	ok	0.0	0.8	3.48e-03	11.8	11.8	11.8	11.8	-3.2	-11.4	-5.4	90.4	55.8	23.3
9432	ok	0.0	1.0	3.42e-03	11.8	13.0	11.8	11.8	-4.6	-7.9	-5.6	99.3	80.8	35.2
9433	ok	0.0	1.0	3.70e-03	11.8	17.3	11.8	12.2	-7.1	-6.3	-5.5	137.1	87.0	39.2
9434	ok	0.0	0.8	3.58e-03	11.8	11.8	11.8	11.8	0.6	-15.0	-8.7	57.5	71.9	-33.1
9435	ok	0.0	0.5	2.19e-03	11.8	11.8	11.8	11.8	1.9	-5.4	0.6	32.2	26.4	30.1
9436	ok	0.0	0.9	3.56e-03	11.8	13.9	11.8	11.8	-3.6	-8.9	-4.4	106.0	59.6	36.6
9437	ok	0.0	0.9	3.30e-03	11.8	14.2	11.8	11.8	-7.3	-7.4	-4.1	114.0	58.4	32.8
9438	ok	0.0	0.3	3.64e-03	11.8	11.8	11.8	11.8	-5.5	-10.4	-5.4	8.8	30.3	-14.8
9439	ok	0.0	0.4	4.12e-03	11.8	11.8	11.8	11.8	-5.6	-13.3	-7.5	23.7	46.3	-9.4
9440	ok	0.0	0.4	1.56e-03	11.8	11.8	11.8	11.8	-5.2	1.6	0.4	-42.3	-13.0	-10.6
9441	ok	0.0	0.4	3.62e-03	11.8	11.8	11.8	11.8	-4.9	-10.4	-5.5	39.6	43.6	-2.7
9442	ok	0.0	0.3	1.04e-02	11.8	11.8	11.8	11.8	-45.2	-42.5	34.2	23.5	36.4	-11.8
9443	ok	0.0	0.4	2.54e-03	11.8	11.8	11.8	11.8	-0.3	-2.8	-5.0	-33.5	7.9	-28.5
9444	ok	0.0	0.3	7.28e-03	11.8	11.8	11.8	11.8	2.9	-8.4	2.6	3.9	-31.7	6.2
9446	ok	0.0	0.8	5.63e-03	11.8	11.8	11.8	11.8	11.0	3.8	6.5	-73.3	-22.8	-41.7
9447	ok	0.0	0.6	3.07e-03	11.8	11.8	11.8	11.8	-6.4	-4.0	-0.4	-8.4	-53.1	31.7
9448	ok	0.0	0.2	5.47e-03	11.8	11.8	11.8	11.8	-2.9	-1.8	-3.2	11.9	7.1	13.1
9449	ok	0.0	0.3	4.11e-03	11.8	11.8	11.8	11.8	-5.8	-0.6	-1.1	-40.7	-21.0	1.0
9450	ok	0.0	0.4	4.77e-03	11.8	11.8	11.8	11.8	-6.1	-10.8	1.6	48.9	-23.1	12.1
9452	ok	0.0	0.3	4.60e-03	11.8	11.8	11.8	11.8	-6.4	-0.6	-0.7	-36.2	-10.5	2.5
9453	ok	0.0	0.2	5.08e-03	11.8	11.8	11.8	11.8	-8.9	-1.1	-0.9	-24.9	2.3	2.2
9454	ok	0.0	0.7	5.02e-03	11.8	11.8	11.8	11.8	3.1	-3.9	11.2	65.8	69.6	-20.3
9455	ok	0.0	0.4	4.10e-03	11.8	11.8	11.8	11.8	1.6	-4.8	-0.9	49.1	4.6	10.9
9456	ok	0.0	0.2	3.74e-03	11.8	11.8	11.8	11.8	-17.2	-5.6	-9.3	20.8	4.7	10.7
9457	ok	0.0	1.0	3.69e-03	11.8	33.8	11.8	29.4	-12.0	-12.1	15.6	266.0	225.1	-65.2
9458	ok	0.0	0.1	2.78e-03	11.8	11.8	11.8	11.8	-3.9	-1.1	6.56e-02	-1.3	-6.2	8.1
9459	ok	0.0	0.2	2.90e-03	11.8	11.8	11.8	11.8	-5.7	-2.9	2.6	21.6	15.4	10.7
9460	ok	0.0	0.7	3.37e-03	11.8	11.8	11.8	11.8	-8.6	-11.4	10.0	66.1	61.4	5.8
9461	ok	0.0	0.2	2.83e-03	11.8	11.8	11.8	11.8	-1.2	-1.6	0.2	-15.3	-18.8	4.0
9462	ok	0.0	0.4	3.12e-03	11.8	11.8	11.8	11.8	-0.5	-4.3	-1.8	-33.2	-51.7	3.1
9463	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	-0.6	-3.7	-1.7	-34.0	-47.7	0.2
9464	ok	0.0	0.3	3.16e-03	11.8	11.8	11.8	11.8	-0.7	-3.1	-1.4	-33.1	-42.8	-1.2
9465	ok	0.0	0.3	3.12e-03	11.8	11.8	11.8	11.8	-0.8	-2.5	-1.0	-30.2	-36.8	-0.9
9466	ok	0.0	0.2	2.91e-03	11.8	11.8	11.8	11.8	-1.0	-2.1	-0.4	-24.5	-28.8	1.0
9467	ok	0.0	0.5	2.89e-03	11.8	11.8	11.8	11.8	-2.7	-6.4	-2.1	-26.1	-58.8	18.2
9468	ok	0.0	0.5	2.97e-03	11.8	11.8	11.8	11.8	-0.5	-5.4	-1.7	-28.6	-57.2	12.6
9469	ok	0.0	0.5	3.06e-03	11.8	11.8	11.8	11.8	-0.5	-4.9	-1.8	-31.2	-54.9	7.4
9470	ok	0.0	0.5	2.38e-03	11.8	11.8	11.8	11.8	-4.7	-5.4	-2.9	-19.1	-56.5	14.4
9471	ok	0.0	0.5	2.40e-03	11.8	11.8	11.8	11.8	-4.4	-5.8	-2.4	-17.0	-58.6	20.6
9472	ok	0.0	0.6	2.42e-03	11.8	11.8	11.8	11.8	-4.0	-6.1	-2.0	-17.0	-59.7	25.2
9473	ok	0.0	0.6	2.66e-03	11.8	11.8	11.8	11.8	-3.7	-6.3	-1.8	-18.3	-60.1	27.3
9474	ok	0.0	0.6	2.72e-03	11.8	11.8	11.8	11.8	-3.3	-6.5	-1.7	-20.4	-60.1	26.8
9475	ok	0.0	0.6	2.82e-03	11.8	11.8	11.8	11.8	-2.8	-6.5	-2.0	-24.3	-59.4	21.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9476	ok	0.0	0.5	2.35e-03	11.8	11.8	11.8	11.8	-5.0	-5.1	-3.2	-21.5	-54.3	10.0
9477	ok	0.0	0.4	2.30e-03	11.8	11.8	11.8	11.8	-5.6	-4.4	-4.0	-30.5	-46.1	-2.04e-02
9478	ok	0.0	0.4	2.33e-03	11.8	11.8	11.8	11.8	-5.3	-4.8	-3.6	-25.6	-50.7	4.6
9479	ok	0.0	0.4	2.17e-03	11.8	11.8	11.8	11.8	-4.4	-2.8	-4.0	-45.4	-15.2	-8.5
9480	ok	0.0	0.4	2.14e-03	11.8	11.8	11.8	11.8	-4.1	-2.9	-4.0	-44.6	-24.5	-8.0
9481	ok	0.0	0.4	2.24e-03	11.8	11.8	11.8	11.8	-6.4	-3.8	-4.5	-41.3	-32.7	-6.6
9482	ok	0.0	0.3	2.27e-03	11.8	11.8	11.8	11.8	-6.0	-4.1	-4.3	-36.4	-39.9	-4.0
9483	ok	0.0	0.3	2.32e-03	11.8	11.8	11.8	11.8	-4.7	-2.7	-3.9	-38.3	4.9	-7.7
9484	ok	0.0	0.4	2.24e-03	11.8	11.8	11.8	11.8	-4.6	-2.7	-4.0	-43.8	-6.9	-8.4
9485	ok	0.0	0.3	2.40e-03	11.8	11.8	11.8	11.8	-4.9	-2.7	-3.8	-32.9	13.5	-7.5
9486	ok	0.0	0.2	2.53e-03	11.8	11.8	11.8	11.8	-5.0	-2.8	-3.6	-25.0	23.6	-7.5
9487	ok	0.0	0.3	2.67e-03	11.8	11.8	11.8	11.8	-5.2	-2.9	-3.3	-9.3	39.1	-8.0
9488	ok	0.0	0.8	3.08e-03	11.8	11.8	11.8	11.8	-9.6	-5.5	-4.6	56.3	91.8	-15.0
9489	ok	0.0	0.5	2.79e-03	11.8	11.8	11.8	11.8	-8.7	-4.2	-4.3	17.0	58.7	-9.6
9490	ok	0.0	1.0	3.49e-03	11.8	19.6	11.8	11.8	-7.2	-4.6	-5.2	182.1	103.4	16.8
9491	ok	0.0	1.0	4.19e-03	11.8	14.6	11.8	12.6	-13.8	-4.0	-5.9	127.9	106.7	-22.4
9492	ok	0.0	0.7	3.36e-03	11.8	11.8	11.8	11.8	-4.5	-10.9	-5.5	65.5	73.6	15.9
9493	ok	0.0	1.0	3.21e-03	11.8	12.1	11.8	12.1	-5.0	-8.3	-5.6	95.0	92.4	31.1
9494	ok	0.0	1.0	4.09e-03	11.8	18.6	11.8	14.5	-4.8	-5.3	-7.4	144.6	105.8	43.6
9495	ok	0.0	0.3	3.59e-03	11.8	11.8	11.8	11.8	-5.9	-10.5	-5.2	4.8	29.3	-16.4
9496	ok	0.0	0.4	3.51e-03	11.8	11.8	11.8	11.8	-5.3	-10.3	-5.3	34.2	43.8	-4.6
9497	ok	0.0	0.2	3.53e-03	11.8	11.8	11.8	11.8	-7.2	-12.8	-4.7	-18.3	18.9	-20.7
9498	ok	0.0	0.1	1.93e-03	11.8	11.8	11.8	11.8	-6.1	-7.2	-7.6	12.8	-4.4	4.3
9499	ok	0.0	0.2	5.40e-03	11.8	11.8	11.8	11.8	-21.3	-3.7	12.4	-12.4	15.9	-14.9
9500	ok	0.0	0.3	2.52e-03	11.8	11.8	11.8	11.8	-4.09e-02	-3.2	-5.1	-22.6	15.3	-27.5
9501	ok	0.0	0.7	9.50e-03	11.8	11.8	11.8	11.8	-44.9	-25.0	21.7	82.9	32.9	-29.6
9502	ok	0.0	0.3	2.54e-03	11.8	11.8	11.8	11.8	0.3	-3.8	-5.3	-5.5	25.8	-26.6
9503	ok	0.0	1.0	1.08e-02	11.8	23.4	23.5	29.9	14.8	4.1	-8.0	138.5	-37.8	-23.7
9504	ok	0.0	0.9	9.59e-03	11.8	11.8	11.8	12.3	-44.0	-47.6	17.9	83.3	87.6	-37.9
9505	ok	0.0	0.4	3.80e-03	11.8	11.8	11.8	11.8	-1.2	-0.7	4.7	22.8	51.7	-6.9
9506	ok	0.0	0.3	3.97e-03	11.8	11.8	11.8	11.8	-4.5	0.8	3.9	28.0	27.9	-9.7
9507	ok	0.0	0.5	2.34e-03	11.8	11.8	11.8	11.8	4.8	5.5	0.6	27.0	52.5	2.5
9508	ok	0.0	1.0	1.28e-03	11.8	20.7	11.8	31.4	6.4	14.2	7.8	105.7	204.4	101.2
9509	ok	0.0	1.0	1.53e-03	18.5	12.9	26.7	35.4	-1.6	8.4	-1.3	28.7	311.2	13.2
9510	ok	0.0	0.2	7.27e-03	11.8	11.8	11.8	11.8	-9.7	-27.8	16.5	-6.3	-22.8	12.4
9511	ok	0.0	0.7	2.43e-02	11.8	11.8	11.8	11.8	-36.5	-116.7	100.6	41.7	43.4	-36.1
9512	ok	0.0	0.5	9.60e-03	11.8	11.8	11.8	11.8	-4.6	-30.5	34.6	31.3	43.2	-32.4
9513	ok	0.0	0.3	8.25e-03	11.8	11.8	11.8	11.8	4.3	7.6	-4.0	-8.6	-28.0	12.0
9514	ok	0.0	0.7	4.90e-03	11.8	11.8	11.8	11.8	7.7	2.6	4.5	-65.3	-17.4	-35.2
9516	ok	0.0	0.4	9.40e-03	11.8	11.8	11.8	11.8	-0.8	-39.7	1.6	-20.7	-56.6	-4.3
9517	ok	0.0	0.6	2.99e-03	11.8	11.8	11.8	11.8	-6.7	-3.6	-1.0	-16.8	-55.9	32.1
9518	ok	0.0	0.2	5.17e-03	11.8	11.8	11.8	11.8	-6.2	3.0	-0.3	-2.7	21.3	3.8
9519	ok	0.0	0.6	5.75e-03	11.8	11.8	11.8	11.8	-13.6	7.4	-4.6	61.9	22.5	16.6
9520	ok	0.0	0.3	2.91e-03	11.8	11.8	11.8	11.8	6.5	4.1	3.8	-21.3	-14.1	-18.2
9521	ok	0.0	0.4	5.61e-03	11.8	11.8	11.8	11.8	-1.2	-0.4	-0.7	-39.9	-11.1	-21.9
9522	ok	0.0	0.3	4.19e-03	11.8	11.8	11.8	11.8	-4.8	-0.7	-1.6	-39.4	-30.4	-4.2
9523	ok	0.0	0.3	3.89e-03	11.8	11.8	11.8	11.8	-5.5	-0.9	-1.6	-42.2	-34.5	1.9
9524	ok	0.0	0.7	4.40e-03	11.8	11.8	11.8	11.8	4.8	-0.9	-4.6	47.6	36.1	49.2
9525	ok	0.0	0.5	4.45e-03	11.8	11.8	11.8	11.8	-3.6	-3.4	-2.6	51.8	13.8	26.3
9526	ok	0.0	0.6	2.76e-03	11.8	11.8	11.8	11.8	-5.6	-4.8	-1.5	-28.8	-59.8	23.7
9527	ok	0.0	0.9	4.01e-03	11.8	17.3	11.8	11.8	3.3	1.2	6.3	144.3	13.1	29.1
9528	ok	0.0	7.17e-02	2.91e-03	11.8	11.8	11.8	11.8	-11.7	-9.9	-10.8	-4.1	-4.6	1.6
9529	ok	0.0	0.2	2.88e-03	11.8	11.8	11.8	11.8	-3.5	2.6	-0.8	19.8	14.9	6.7
9530	ok	0.0	0.6	3.41e-03	11.8	11.8	11.8	11.8	1.3	5.9	-1.8	57.2	40.6	1.6
9531	ok	0.0	0.1	3.10e-03	11.8	11.8	11.8	11.8	-1.2	-1.4	8.17e-02	-16.9	-17.4	0.3
9532	ok	0.0	0.4	3.21e-03	11.8	11.8	11.8	11.8	-0.6	-4.2	-1.9	-31.1	-52.0	1.4
9533	ok	0.0	0.4	3.24e-03	11.8	11.8	11.8	11.8	-0.7	-3.5	-1.7	-32.7	-47.6	-1.7
9534	ok	0.0	0.4	3.25e-03	11.8	11.8	11.8	11.8	-0.7	-2.9	-1.4	-32.7	-42.3	-3.3
9535	ok	0.0	0.3	3.23e-03	11.8	11.8	11.8	11.8	-0.8	-2.3	-1.0	-30.5	-35.9	-3.3
9536	ok	0.0	0.2	3.18e-03	11.8	11.8	11.8	11.8	-1.0	-1.8	-0.5	-25.5	-27.6	-1.9
9537	ok	0.0	0.5	2.97e-03	11.8	11.8	11.8	11.8	-0.6	-5.9	-1.4	-23.2	-60.2	17.3
9538	ok	0.0	0.5	3.06e-03	11.8	11.8	11.8	11.8	-0.5	-5.5	-1.7	-25.6	-58.3	11.5
9539	ok	0.0	0.5	3.15e-03	11.8	11.8	11.8	11.8	-0.5	-4.9	-1.8	-28.5	-55.5	5.9
9540	ok	0.0	0.5	2.46e-03	11.8	11.8	11.8	11.8	-5.0	-5.2	-2.7	-23.0	-58.2	15.8
9541	ok	0.0	0.6	2.48e-03	11.8	11.8	11.8	11.8	-4.6	-5.6	-2.2	-20.3	-60.2	21.4
9542	ok	0.0	0.6	2.50e-03	11.8	11.8	11.8	11.8	-4.2	-5.9	-1.8	-19.2	-61.2	25.4
9543	ok	0.0	0.6	2.74e-03	11.8	11.8	11.8	11.8	-3.8	-6.3	-1.6	-19.1	-61.6	27.3
9544	ok	0.0	0.6	2.80e-03	11.8	11.8	11.8	11.8	-3.4	-6.6	-1.5	-19.6	-61.6	26.6
9545	ok	0.0	0.6	2.90e-03	11.8	11.8	11.8	11.8	-0.8	-6.0	-1.2	-21.8	-60.9	20.9
9546	ok	0.0	0.5	2.43e-03	11.8	11.8	11.8	11.8	-5.3	-4.9	-3.0	-25.5	-56.1	11.8
9547	ok	0.0	0.4	2.37e-03	11.8	11.8	11.8	11.8	-5.9	-4.3	-3.8	-33.7	-48.4	2.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9548	ok	0.0	0.4	2.40e-03	11.8	11.8	11.8	11.8	-5.6	-4.6	-3.4	-29.3	-52.8	7.0
9549	ok	0.0	0.4	2.27e-03	11.8	11.8	11.8	11.8	-4.7	-2.8	-3.9	-45.8	-17.5	-4.3
9550	ok	0.0	0.4	2.31e-03	11.8	11.8	11.8	11.8	-4.4	-2.9	-3.9	-45.5	-27.0	-4.2
9551	ok	0.0	0.4	2.32e-03	11.8	11.8	11.8	11.8	-6.6	-3.7	-4.3	-43.0	-35.3	-3.0
9552	ok	0.0	0.3	2.34e-03	11.8	11.8	11.8	11.8	-6.3	-3.9	-4.1	-38.7	-42.4	-0.7
9553	ok	0.0	0.3	2.43e-03	11.8	11.8	11.8	11.8	-5.0	-2.6	-3.8	-36.4	5.3	-3.1
9554	ok	0.0	0.4	2.35e-03	11.8	11.8	11.8	11.8	-4.9	-2.7	-3.9	-44.0	-8.8	-3.9
9555	ok	0.0	0.3	3.89e-03	11.8	11.8	11.8	11.8	-4.9	-1.4	-1.8	-31.6	-39.4	0.5
9557	ok	0.0	0.4	3.69e-03	11.8	11.8	11.8	11.8	-5.5	-1.5	-1.9	-36.8	-44.3	5.6
9558	ok	0.0	0.3	4.03e-03	11.8	11.8	11.8	11.8	-5.8	-1.2	-2.1	-36.6	-35.1	-2.5
9559	ok	0.0	0.4	3.80e-03	11.8	11.8	11.8	11.8	-5.4	-1.1	-1.7	-40.1	-39.8	3.3
9560	ok	0.0	0.2	4.17e-03	11.8	11.8	11.8	11.8	-3.3	1.8	1.3	-20.1	24.7	9.8
9561	ok	0.0	0.2	4.59e-03	11.8	11.8	11.8	11.8	-10.0	-9.2	1.1	-6.3	19.7	16.0
9562	ok	0.0	0.3	2.61e-03	11.8	11.8	11.8	11.8	-10.8	-5.6	-8.3	25.6	15.5	20.0
9563	ok	0.0	0.8	3.69e-03	11.8	11.8	11.8	11.8	-2.4	0.4	-9.57e-02	86.9	11.0	24.3
9564	ok	0.0	7.24e-02	3.57e-03	11.8	11.8	11.8	11.8	-11.9	-4.1	-6.0	-6.3	-4.9	-3.0
9565	ok	0.0	0.2	3.55e-03	11.8	11.8	11.8	11.8	-4.6	-0.4	0.4	16.5	8.6	1.6
9566	ok	0.0	0.5	3.77e-03	11.8	11.8	11.8	11.8	-6.5	1.3	-0.2	55.4	13.6	4.6
9567	ok	0.0	0.2	3.53e-03	11.8	11.8	11.8	11.8	-1.1	-1.1	-8.51e-02	-19.1	-17.1	-4.2
9568	ok	0.0	0.4	3.36e-03	11.8	11.8	11.8	11.8	-0.6	-4.2	-1.9	-28.0	-51.6	-1.1
9569	ok	0.0	0.4	3.39e-03	11.8	11.8	11.8	11.8	-0.7	-3.4	-1.8	-30.7	-46.9	-4.5
9570	ok	0.0	0.4	3.38e-03	11.8	11.8	11.8	11.8	-0.7	-2.7	-1.5	-31.7	-41.4	-6.4
9571	ok	0.0	0.3	3.36e-03	11.8	11.8	11.8	11.8	-0.8	-2.0	-1.1	-30.6	-34.8	-6.8
9572	ok	0.0	0.3	3.28e-03	11.8	11.8	11.8	11.8	-0.9	-1.5	-0.6	-26.8	-26.6	-6.2
9573	ok	0.0	0.5	3.08e-03	11.8	11.8	11.8	11.8	-0.7	-6.1	-1.3	-18.9	-60.8	16.3
9574	ok	0.0	0.5	3.19e-03	11.8	11.8	11.8	11.8	-0.6	-5.7	-1.6	-21.0	-58.6	9.9
9575	ok	0.0	0.5	3.29e-03	11.8	11.8	11.8	11.8	-0.6	-5.0	-1.9	-24.5	-55.5	3.8
9576	ok	0.0	0.5	2.57e-03	11.8	11.8	11.8	11.8	-5.4	-4.9	-2.4	-27.5	-59.4	17.4
9577	ok	0.0	0.6	2.60e-03	11.8	11.8	11.8	11.8	-5.0	-5.3	-1.9	-24.0	-61.1	22.3
9578	ok	0.0	0.6	2.82e-03	11.8	11.8	11.8	11.8	-4.5	-5.7	-1.5	-21.6	-61.9	25.9
9579	ok	0.0	0.6	2.87e-03	11.8	11.8	11.8	11.8	-4.0	-6.2	-1.3	-19.6	-62.3	27.4
9580	ok	0.0	0.6	2.92e-03	11.8	11.8	11.8	11.8	-3.5	-6.6	-1.3	-18.2	-62.4	26.5
9581	ok	0.0	0.6	3.01e-03	11.8	11.8	11.8	11.8	-0.9	-6.2	-1.0	-18.0	-61.8	20.2
9582	ok	0.0	0.5	2.53e-03	11.8	11.8	11.8	11.8	-5.6	-4.6	-2.8	-30.0	-57.6	14.0
9583	ok	0.0	0.4	2.48e-03	11.8	11.8	11.8	11.8	-6.2	-4.0	-3.5	-37.3	-50.7	6.3
9584	ok	0.0	0.5	2.51e-03	11.8	11.8	11.8	11.8	-5.9	-4.3	-3.2	-33.5	-54.6	9.8
9585	ok	0.0	0.4	2.39e-03	11.8	11.8	11.8	11.8	-7.6	-3.4	-4.4	-46.1	-20.7	1.5
9586	ok	0.0	0.4	2.41e-03	11.8	11.8	11.8	11.8	-7.3	-3.4	-4.3	-46.5	-30.2	1.0
9587	ok	0.0	0.4	2.42e-03	11.8	11.8	11.8	11.8	-6.9	-3.5	-4.1	-44.7	-38.3	1.5
9588	ok	0.0	0.4	2.45e-03	11.8	11.8	11.8	11.8	-6.6	-3.7	-3.9	-41.4	-45.1	3.3
9589	ok	0.0	0.3	2.57e-03	11.8	11.8	11.8	11.8	-5.6	-2.8	-3.6	-39.4	-1.8	3.3
9590	ok	0.0	0.4	2.47e-03	11.8	11.8	11.8	11.8	-7.9	-3.4	-4.4	-43.8	-11.9	2.3
9591	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	-5.2	-2.8	-3.7	-32.9	12.6	-2.4
9592	ok	0.0	0.3	2.67e-03	11.8	11.8	11.8	11.8	-8.4	-3.7	-4.3	-32.5	10.2	4.9
9593	ok	0.0	0.3	2.87e-03	11.8	11.8	11.8	11.8	-5.6	-3.0	-3.2	-9.5	40.4	-1.9
9594	ok	0.0	0.3	3.07e-03	11.8	11.8	11.8	11.8	-9.0	-4.1	-4.1	-9.4	39.4	7.5
9595	ok	0.0	0.2	2.68e-03	11.8	11.8	11.8	11.8	-5.4	-2.9	-3.5	-25.0	23.4	-2.0
9596	ok	0.0	0.2	2.83e-03	11.8	11.8	11.8	11.8	-8.6	-3.8	-4.2	-24.6	21.3	6.1
9597	ok	0.0	0.3	3.55e-03	11.8	11.8	11.8	11.8	-8.2	-13.0	-5.0	-8.5	25.5	-22.8
9598	ok	0.0	0.3	3.58e-03	11.8	11.8	11.8	11.8	-8.4	-13.7	-4.5	-24.5	14.7	-27.1
9599	ok	0.0	0.3	3.55e-03	11.8	11.8	11.8	11.8	-7.7	-13.2	-4.6	-21.1	17.2	-23.4
9600	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	-7.5	-12.8	-5.2	-3.2	28.0	-18.3
9601	ok	0.0	0.7	3.31e-03	11.8	11.8	11.8	11.8	-5.3	-10.0	-5.6	58.1	78.8	8.9
9602	ok	0.0	0.7	3.31e-03	11.8	11.8	11.8	11.8	-6.5	-10.1	-5.2	49.4	80.9	-3.4
9603	ok	0.0	0.4	3.45e-03	11.8	11.8	11.8	11.8	-6.0	-10.3	-5.2	27.5	43.7	-8.3
9604	ok	0.0	0.4	3.40e-03	11.8	11.8	11.8	11.8	-6.8	-10.3	-5.0	19.8	42.2	-14.3
9605	ok	0.0	1.0	4.51e-03	11.8	26.6	11.8	23.9	-8.5	-34.7	4.7	193.5	214.2	-10.5
9606	ok	0.0	1.0	4.07e-03	11.8	20.7	11.8	22.2	-2.5	0.3	1.4	145.8	142.6	49.4
9607	ok	0.0	1.0	3.21e-03	11.8	11.8	11.8	12.5	-5.7	-10.2	-5.5	88.1	107.5	23.2
9608	ok	0.0	0.9	3.91e-03	11.8	11.8	11.8	11.8	-8.8	-2.4	-4.9	57.2	104.7	-7.0
9609	ok	0.0	1.0	4.51e-03	11.8	16.8	11.8	19.8	-6.1	-6.5	-6.0	138.7	167.2	-32.5
9610	ok	0.0	0.5	3.10e-03	11.8	11.8	11.8	11.8	-9.1	-4.4	-4.1	16.5	63.3	-2.9
9611	ok	0.0	0.9	3.77e-03	11.8	11.8	11.8	11.8	-11.7	-7.9	-2.8	50.3	111.1	8.1
9612	ok	0.0	0.5	3.50e-03	11.8	11.8	11.8	11.8	-9.5	-4.6	-3.7	15.9	64.8	8.4
9613	ok	0.0	1.0	4.82e-03	20.5	44.4	27.1	47.5	-9.3	-18.1	6.0	380.9	424.7	-20.3
9614	ok	0.0	1.0	4.94e-03	11.8	17.0	11.8	22.7	-11.4	-10.7	-0.9	127.2	185.2	7.1
9615	ok	0.0	1.0	3.60e-03	11.8	11.8	11.8	11.8	-6.9	-11.0	-6.3	80.9	118.3	4.3
9616	ok	0.0	1.0	4.70e-03	11.8	19.7	11.8	22.3	-8.5	-22.1	-11.6	139.3	189.7	11.4
9617	ok	0.0	0.4	4.15e-03	11.8	11.8	11.8	11.8	-8.9	-19.8	7.1	-43.6	-20.4	-12.1
9618	ok	0.0	0.2	5.69e-03	11.8	11.8	11.8	11.8	4.7	-1.7	-1.8	-23.6	-14.7	-4.1
9619	ok	0.0	0.4	2.64e-03	11.8	11.8	11.8	11.8	-0.6	-2.5	-4.9	-39.4	3.7	-29.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9620	ok	0.0	0.4	3.83e-03	11.8	11.8	11.8	11.8	-7.3	1.5	1.2	-44.2	4.2	6.3
9621	ok	0.0	0.4	1.49e-02	11.8	11.8	11.8	11.8	4.1	56.6	-12.4	-1.5	-40.0	6.6
9622	ok	0.0	0.9	3.46e-02	16.4	11.8	11.8	17.1	-14.2	-240.0	85.0	37.4	148.1	-51.3
9623	ok	0.0	0.9	2.27e-02	11.8	11.8	13.0	16.3	-1.2	-65.2	-3.6	70.3	161.1	13.0
9624	ok	0.0	0.4	1.72e-03	11.8	11.8	11.8	11.8	1.5	3.0	1.0	36.0	31.8	13.9
9625	ok	0.0	0.2	4.16e-03	11.8	11.8	11.8	11.8	-7.7	1.4	1.7	-26.9	18.4	9.0
9626	ok	0.0	0.9	1.43e-03	11.8	11.8	11.8	11.8	-2.0	2.4	-0.2	-12.7	-22.1	77.8
9627	ok	0.0	1.0	1.61e-02	11.8	17.3	18.2	18.5	-72.6	-65.7	37.7	137.2	151.5	-43.8
9628	ok	0.0	1.0	1.69e-03	52.4	57.1	135.7	137.9	2.6	23.0	11.3	200.4	697.2	342.0
9629	ok	0.0	1.0	1.37e-03	14.4	30.8	35.1	23.2	-1.2	-0.5	8.4	168.4	-68.3	133.6
9630	ok	0.0	0.3	5.58e-03	11.8	11.8	11.8	11.8	-5.6	-6.7	4.5	-18.8	-22.5	22.8
9631	ok	0.0	0.8	2.04e-02	11.8	11.8	11.8	15.0	-45.9	-104.6	25.6	1.66e-02	117.6	-49.4
9633	ok	0.0	0.5	3.48e-03	11.8	11.8	11.8	11.8	-4.4	-4.8	1.2	-17.6	-42.9	29.8
9634	ok	0.0	0.5	2.68e-03	11.8	11.8	11.8	11.8	-7.7	-3.4	-2.6	-64.8	-40.5	-8.3
9636	ok	0.0	0.4	4.72e-03	11.8	11.8	11.8	11.8	-7.8	-17.2	7.2	-43.5	-14.0	-12.0
9637	ok	0.0	0.9	1.02e-02	11.8	11.8	11.8	11.8	-38.5	-38.6	27.1	76.7	75.1	-36.6
9638	ok	0.0	0.5	2.35e-03	11.8	11.8	11.8	11.8	-6.4	-9.5	-9.8	35.5	26.3	27.4
9639	ok	0.0	0.3	7.17e-03	11.8	11.8	11.8	11.8	15.1	-4.3	-9.7	-19.7	-20.6	9.6
9640	ok	0.0	0.4	2.97e-03	11.8	11.8	11.8	11.8	-6.0	-3.6	-4.6	41.4	29.2	-6.9
9641	ok	0.0	0.4	4.90e-03	11.8	11.8	11.8	11.8	-9.0	-18.0	7.9	-41.0	-14.5	-9.4
9642	ok	0.0	0.3	5.22e-03	11.8	11.8	11.8	11.8	-10.1	-19.3	8.9	-36.7	-16.8	-6.9
9643	ok	0.0	0.4	4.82e-03	11.8	11.8	11.8	11.8	-0.3	-18.5	-0.4	-33.4	28.1	-28.7
9644	ok	0.0	0.5	5.88e-03	11.8	11.8	11.8	11.8	23.2	-2.6	3.5	-49.0	37.5	-14.9
9645	ok	0.0	0.9	4.12e-03	11.8	11.8	11.8	11.8	-6.0	-9.7	-11.9	104.4	57.4	-13.4
9646	ok	0.0	0.6	3.04e-03	11.8	11.8	11.8	11.8	-6.2	-13.9	-5.6	-55.0	-51.2	-16.1
9647	ok	0.0	0.5	4.08e-03	11.8	11.8	11.8	11.8	-1.9	0.6	4.9	44.6	28.6	-18.7
9648	ok	0.0	1.0	9.30e-03	13.7	11.8	17.1	29.5	-7.6	-63.7	-9.6	14.1	268.1	-27.8
9649	ok	0.0	0.5	1.28e-02	11.8	11.8	11.8	11.8	-16.8	-94.3	12.4	36.2	44.0	-27.1
9650	ok	0.0	0.3	4.45e-03	11.8	11.8	11.8	11.8	-9.5	-22.2	8.1	-36.5	-23.0	-11.3
9651	ok	0.0	0.3	5.07e-03	11.8	11.8	11.8	11.8	-9.4	-25.3	8.8	-27.8	-25.1	-11.9
9652	ok	0.0	0.3	5.85e-03	11.8	11.8	11.8	11.8	-8.1	-24.5	7.9	-17.4	-24.8	-13.6
9653	ok	0.0	0.2	7.09e-03	11.8	11.8	11.8	11.8	-7.5	-29.3	7.6	-5.1	-20.5	-15.5
9654	ok	0.0	0.3	9.38e-03	11.8	11.8	11.8	11.8	-8.3	-68.9	10.1	19.0	8.9	-23.3
9655	ok	0.0	0.5	3.04e-02	11.8	11.8	11.8	11.8	-26.6	-202.2	76.4	42.7	31.8	-34.2
9656	ok	0.0	0.2	5.85e-03	11.8	11.8	11.8	11.8	-12.4	-21.2	12.6	-21.8	-18.5	0.7
9657	ok	0.0	0.2	6.31e-03	11.8	11.8	11.8	11.8	-11.1	-24.1	13.9	-16.0	-24.9	0.7
9658	ok	0.0	0.2	7.31e-03	11.8	11.8	11.8	11.8	-9.9	-29.2	15.6	-7.4	-29.0	1.2
9659	ok	0.0	0.2	8.05e-03	11.8	11.8	11.8	11.8	-3.4	-14.3	5.7	12.0	-23.4	-8.1
9661	ok	0.0	0.3	4.16e-03	11.8	11.8	11.8	11.8	-3.1	1.9	1.4	-34.9	15.2	2.3
9662	ok	0.0	0.3	5.47e-03	11.8	11.8	11.8	11.8	-10.6	-21.5	10.5	-29.7	-21.3	-5.2
9663	ok	0.0	0.2	5.74e-03	11.8	11.8	11.8	11.8	-10.0	-24.8	11.8	-21.7	-24.7	-5.0
9664	ok	0.0	0.2	6.29e-03	11.8	11.8	11.8	11.8	-8.5	-23.6	10.7	-12.0	-25.2	-5.9
9665	ok	0.0	0.2	7.99e-03	11.8	11.8	11.8	11.8	1.7	-46.2	3.8	9.2	-15.4	-16.3
9666	ok	0.0	0.3	1.03e-02	11.8	11.8	11.8	11.8	-3.6	-58.1	6.0	23.0	-6.4	-21.3
9667	ok	0.0	0.5	1.37e-02	11.8	11.8	11.8	11.8	-18.4	-77.9	30.1	46.6	29.5	-25.1
9668	ok	0.0	0.2	7.17e-03	11.8	11.8	11.8	11.8	8.3	-7.0	-5.2	-8.7	-27.7	6.6
9669	ok	0.0	0.3	7.37e-03	11.8	11.8	11.8	11.8	-13.1	-27.3	18.3	-9.3	-24.0	7.6
9670	ok	0.0	0.6	4.27e-03	11.8	11.8	11.8	11.8	-7.3	-6.9	-6.0	-51.5	-25.1	-30.9
9671	ok	0.0	0.7	6.20e-03	11.8	11.8	11.8	11.8	7.0	4.5	5.9	-67.6	-22.1	-36.5
9672	ok	0.0	0.5	7.57e-03	11.8	11.8	11.8	11.8	-3.0	-31.4	4.5	-35.9	-63.6	4.4
9673	ok	0.0	0.5	1.09e-02	11.8	11.8	11.8	11.8	-2.6	-37.8	9.7	-21.9	-67.5	10.8
9674	ok	0.0	0.6	2.79e-03	11.8	11.8	11.8	11.8	-6.1	-13.0	-6.4	-52.0	-44.6	-21.0
9676	ok	0.0	1.0	9.38e-03	15.5	20.2	26.9	24.4	-23.6	-25.7	18.6	127.0	234.7	11.4
9677	ok	0.0	0.5	8.96e-03	11.8	11.8	11.8	11.8	-1.7	-36.7	4.8	-27.4	-63.2	3.5
9678	ok	0.0	0.5	1.13e-02	11.8	11.8	11.8	11.8	-0.9	17.1	-7.9	-21.1	-54.0	10.2
9679	ok	0.0	0.3	8.99e-03	11.8	11.8	11.8	11.8	1.4	11.3	-3.5	-7.4	-31.4	12.3
9680	ok	0.0	0.9	1.02e-02	11.8	16.4	13.9	12.6	-51.1	-0.6	43.8	109.6	57.8	-60.2
9681	ok	0.0	0.5	6.75e-03	11.8	11.8	11.8	11.8	-2.7	-29.7	-2.2	-36.7	-59.8	-7.5
9682	ok	0.0	0.4	7.64e-03	11.8	11.8	11.8	11.8	-1.9	-33.9	-3.7	-28.0	-53.5	-11.3
9683	ok	0.0	0.6	9.90e-03	11.8	11.8	11.8	11.8	-5.9	-34.6	12.9	-27.4	-69.2	21.9
9684	ok	0.0	0.6	1.16e-02	11.8	11.8	11.8	11.8	-7.3	-38.8	16.4	-19.2	-74.8	24.2
9685	ok	0.0	0.6	5.66e-03	11.8	11.8	11.8	11.8	2.3	2.6	2.9	-59.0	-20.2	-33.5
9686	ok	0.0	1.0	2.66e-02	30.0	43.7	83.9	87.9	1.0	-172.4	-22.2	125.8	516.5	175.7
9687	ok	0.0	0.7	4.79e-03	11.8	11.8	11.8	11.8	-4.1	-1.2	-1.8	-63.1	-26.6	-31.8
9688	ok	0.0	0.4	4.76e-03	11.8	11.8	11.8	11.8	-7.5	-22.9	-10.3	-27.9	-22.9	-28.1
9689	ok	0.0	0.5	1.52e-02	11.8	11.8	11.8	11.8	4.7	24.8	-13.8	-13.2	-58.5	11.5
9690	ok	0.0	0.5	2.43e-03	11.8	11.8	11.8	11.8	-0.9	-2.3	-4.9	-40.9	2.0	-29.7
9691	ok	0.0	0.5	3.17e-03	11.8	11.8	11.8	11.8	-6.7	-14.0	-4.6	-57.1	-56.0	-11.5
9692	ok	0.0	0.4	8.65e-03	11.8	11.8	11.8	11.8	-2.1	-38.7	-6.3	-17.6	-42.9	-16.2
9693	ok	0.0	0.4	9.77e-03	11.8	11.8	11.8	11.8	-3.1	4.6	-6.5	-10.6	-47.4	-2.3
9694	ok	0.0	0.6	1.07e-02	11.8	11.8	11.8	11.8	-4.4	-77.8	1.0	16.5	56.5	-35.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9695	ok	0.0	0.4	2.48e-03	11.8	11.8	11.8	11.8	-1.3	-2.0	-4.7	-36.1	2.2	-29.5
9696	ok	0.0	0.5	3.02e-03	11.8	11.8	11.8	11.8	-6.1	-11.0	-6.6	-48.5	-35.9	-25.3
9697	ok	0.0	0.4	1.17e-02	11.8	11.8	11.8	11.8	-41.0	-47.4	38.6	10.6	28.0	-13.7
9698	ok	0.0	0.5	6.01e-03	11.8	11.8	11.8	11.8	-3.8	-26.5	-1.0	-43.7	-62.8	-4.8
9699	ok	0.0	0.9	1.41e-02	11.8	11.8	11.8	12.4	-39.8	-48.0	-23.2	43.4	119.9	1.7
9700	ok	0.0	0.5	8.20e-03	11.8	11.8	11.8	11.8	43.6	14.6	8.6	-35.9	34.8	13.9
9701	ok	0.0	0.5	6.59e-03	11.8	11.8	11.8	11.8	-7.5	-24.6	13.7	-27.0	-34.0	30.7
9702	ok	0.0	0.9	8.26e-03	17.5	14.8	11.8	22.5	35.4	-24.7	-35.1	-46.0	161.7	66.5
9703	ok	0.0	0.5	2.25e-03	11.8	11.8	11.8	11.8	-7.4	-9.8	-4.4	-61.0	-51.8	-11.4
9704	ok	0.0	0.6	7.88e-03	11.8	11.8	11.8	11.8	-0.8	-20.8	4.2	-2.1	-72.4	13.0
9705	ok	0.0	0.5	4.48e-03	11.8	11.8	11.8	11.8	-5.3	-20.4	-3.8	-50.4	-60.2	-9.6
9706	ok	0.0	0.5	4.67e-03	11.8	11.8	11.8	11.8	-4.7	-21.8	-5.2	-45.8	-56.1	-13.3
9707	ok	0.0	0.6	7.94e-03	11.8	11.8	11.8	11.8	-7.8	-26.2	14.3	-26.0	-51.3	34.2
9708	ok	0.0	0.6	9.49e-03	11.8	11.8	11.8	11.8	-8.4	-28.8	15.5	-22.1	-63.3	34.0
9710	ok	0.0	0.3	6.68e-03	11.8	11.8	11.8	11.8	8.3	-1.3	5.2	-16.4	-7.5	-6.2
9711	ok	0.0	0.9	2.05e-03	17.4	27.3	34.8	42.6	0.4	3.3	-3.4	174.1	252.8	-76.6
9712	ok	0.0	0.5	4.89e-03	11.8	11.8	11.8	11.8	-4.6	-22.9	-7.0	-39.9	-49.2	-17.9
9713	ok	0.0	1.0	1.35e-02	12.2	15.2	11.8	18.9	-8.8	-82.8	-8.6	91.4	133.2	55.9
9714	ok	0.0	0.3	4.30e-03	11.8	11.8	11.8	11.8	-3.6	1.9	0.8	5.6	27.3	20.2
9716	ok	0.0	0.5	3.25e-03	11.8	11.8	11.8	11.8	-5.9	-3.8	-0.8	-8.9	-52.4	25.8
9717	ok	0.0	1.0	1.06e-03	12.0	11.8	22.0	11.8	-2.0	4.3	-5.3	-27.1	-109.2	-96.7
9718	ok	0.0	0.5	4.97e-03	11.8	11.8	11.8	11.8	-5.6	-23.1	-8.9	-33.6	-38.5	-22.5
9719	ok	0.0	0.4	8.35e-04	11.8	11.8	11.8	11.8	-2.1	-3.7	-3.1	21.5	23.5	22.8
9720	ok	0.0	0.2	2.13e-03	11.8	11.8	11.8	11.8	5.2	1.8	3.2	15.3	7.1	9.5
9721	ok	0.0	1.0	3.11e-02	11.8	11.8	23.5	18.5	-17.1	82.5	-28.7	-11.9	-221.4	1.7
9722	ok	0.0	0.3	4.15e-03	11.8	11.8	11.8	11.8	-7.1	2.6	2.4	-3.6	35.3	12.7
9723	ok	0.0	0.5	3.16e-03	11.8	11.8	11.8	11.8	-7.6	0.4	-0.4	-60.6	-22.3	-2.4
9724	ok	0.0	0.2	4.17e-03	11.8	11.8	11.8	11.8	-7.4	-0.4	0.4	-20.8	-0.6	12.2
9725	ok	0.0	0.5	5.21e-03	11.8	11.8	11.8	11.8	1.1	0.4	0.7	-38.1	-17.8	-25.3
9726	ok	0.0	0.6	3.07e-03	11.8	11.8	11.8	11.8	-6.3	-3.4	-1.3	-18.6	-55.5	27.2
9728	ok	0.0	0.6	3.76e-03	11.8	11.8	11.8	11.8	-5.4	1.4	0.3	-67.5	-18.8	-9.6
9729	ok	0.0	0.9	4.84e-03	11.8	11.8	11.8	11.8	-13.2	-14.5	6.5	101.3	27.3	6.8
9730	ok	0.0	0.5	3.41e-03	11.8	11.8	11.8	11.8	-5.4	-3.4	-1.3	-12.0	-50.5	17.9
9731	ok	0.0	0.3	5.75e-03	11.8	11.8	11.8	11.8	-1.6	-0.6	-1.0	-31.4	-7.7	-16.2
9732	ok	0.0	0.5	6.97e-03	11.8	11.8	11.8	11.8	-3.1	-30.0	2.1	-39.0	-63.6	0.4
9733	ok	0.0	0.4	5.47e-03	11.8	11.8	11.8	11.8	0.4	0.1	0.2	-27.1	-15.2	-21.7
9734	ok	0.0	0.6	9.09e-03	11.8	11.8	11.8	11.8	-1.0	-24.0	4.8	-2.2	-72.4	13.7
9735	ok	0.0	0.4	3.36e-03	11.8	11.8	11.8	11.8	-6.9	1.0	0.4	-53.2	-10.4	1.5
9736	ok	0.0	0.5	1.31e-02	11.8	11.8	11.8	11.8	-6.0	-46.1	15.1	-11.7	-70.9	12.7
9738	ok	0.0	0.5	7.97e-03	11.8	11.8	11.8	11.8	-2.1	-34.1	1.6	-30.8	-62.2	-1.6
9739	ok	0.0	0.6	6.68e-03	11.8	11.8	11.8	11.8	18.2	6.8	11.2	-49.2	-15.6	-28.6
9740	ok	0.0	1.0	1.75e-03	20.8	15.3	20.6	44.7	-1.7	3.7	10.2	-16.3	320.7	107.5
9741	ok	0.0	0.9	3.79e-04	11.8	11.8	11.8	19.4	7.4	10.6	8.6	-36.6	149.9	-42.5
9742	ok	0.0	0.6	1.62e-02	11.8	11.8	11.8	11.8	-11.2	-43.6	22.8	2.2	-64.3	14.8
9744	ok	0.0	0.2	5.66e-03	11.8	11.8	11.8	11.8	-0.2	-0.2	-0.2	-15.6	-7.7	-10.8
9745	ok	0.0	0.6	3.89e-03	11.8	11.8	11.8	11.8	-15.1	-16.3	-1.8	-48.6	-30.3	-31.2
9746	ok	0.0	0.6	3.82e-03	11.8	11.8	11.8	11.8	-14.4	-15.8	-2.8	-44.7	-24.1	-36.0
9747	ok	0.0	0.6	3.77e-03	11.8	11.8	11.8	11.8	-13.5	-15.6	-3.5	-40.4	-18.0	-38.7
9748	ok	0.0	0.5	3.73e-03	11.8	11.8	11.8	11.8	-12.4	-15.3	-4.0	-36.9	-9.9	-39.3
9749	ok	0.0	0.5	3.68e-03	11.8	11.8	11.8	11.8	-11.1	-14.9	-4.3	-33.5	-1.3	-37.3
9750	ok	0.0	0.4	3.63e-03	11.8	11.8	11.8	11.8	-9.7	-14.3	-4.4	-29.5	8.4	-33.0
9751	ok	0.0	0.5	3.75e-03	11.8	11.8	11.8	11.8	-14.0	-15.2	-2.3	-42.6	-35.2	-28.9
9752	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	-9.5	-13.4	-4.8	-15.8	17.7	-30.0
9753	ok	0.0	0.4	3.62e-03	11.8	11.8	11.8	11.8	-9.4	-11.7	-4.7	-21.2	7.4	-35.1
9754	ok	0.0	0.4	3.66e-03	11.8	11.8	11.8	11.8	-12.0	-14.1	-4.3	-26.0	-6.9	-37.7
9755	ok	0.0	0.5	3.67e-03	11.8	11.8	11.8	11.8	-13.0	-14.4	-3.8	-31.0	-18.3	-36.9
9756	ok	0.0	0.5	3.70e-03	11.8	11.8	11.8	11.8	-13.6	-14.7	-3.2	-37.2	-27.1	-33.7
9757	ok	0.0	0.4	3.16e-03	11.8	11.8	11.8	11.8	-12.3	-12.0	-3.3	-20.4	-45.7	-16.2
9758	ok	0.0	0.6	3.53e-03	11.8	11.8	11.8	11.8	-8.2	-11.8	-5.7	39.4	65.2	-21.3
9759	ok	0.0	0.5	3.56e-03	11.8	11.8	11.8	11.8	-9.7	-12.0	-6.0	30.3	31.5	-30.0
9760	ok	0.0	0.3	3.44e-03	11.8	11.8	11.8	11.8	-9.2	-11.1	-4.9	19.0	2.2	-29.7
9761	ok	0.0	0.3	3.28e-03	11.8	11.8	11.8	11.8	-9.8	-10.9	-4.3	6.2	-19.6	-26.1
9762	ok	0.0	0.4	3.21e-03	11.8	11.8	11.8	11.8	-12.0	-12.0	-3.8	-8.5	-34.6	-21.3
9763	ok	0.0	0.5	3.44e-03	11.8	11.8	11.8	11.8	-13.0	-13.6	-2.9	-32.2	-40.8	-24.1
9764	ok	0.0	0.4	3.43e-03	11.8	11.8	11.8	11.8	-8.1	-10.6	-5.2	7.7	34.4	-24.8
9765	ok	0.0	0.3	3.50e-03	11.8	11.8	11.8	11.8	-9.2	-11.0	-5.1	0.5	17.3	-32.2
9766	ok	0.0	0.3	3.53e-03	11.8	11.8	11.8	11.8	-11.5	-12.9	-4.7	-7.0	-2.6	-34.5
9767	ok	0.0	0.4	3.49e-03	11.8	11.8	11.8	11.8	-12.2	-13.1	-4.1	-14.6	-18.7	-33.0
9768	ok	0.0	0.4	3.46e-03	11.8	11.8	11.8	11.8	-12.7	-13.3	-3.6	-24.0	-30.7	-29.0
9769	ok	0.0	0.4	2.67e-03	11.8	11.8	11.8	11.8	-11.4	-8.5	-3.0	-1.7	-52.5	11.9
9770	ok	0.0	1.0	4.46e-03	11.8	20.3	11.8	16.1	-5.7	-11.1	-3.1	195.8	116.5	7.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9771	ok	0.0	1.0	3.45e-03	11.8	12.3	11.8	11.8	-9.3	-11.0	-3.7	117.4	35.1	11.3
9772	ok	0.0	0.6	3.03e-03	11.8	11.8	11.8	11.8	-7.7	-9.8	-3.1	67.8	-0.6	8.9
9773	ok	0.0	0.3	2.65e-03	11.8	11.8	11.8	11.8	-8.4	-8.9	-3.0	39.3	-26.6	9.8
9774	ok	0.0	0.4	2.66e-03	11.8	11.8	11.8	11.8	-9.0	-8.3	-2.7	17.7	-42.9	11.0
9775	ok	0.0	0.4	2.77e-03	11.8	11.8	11.8	11.8	-11.6	-9.7	-3.2	-5.5	-51.3	1.4
9776	ok	0.0	0.4	2.88e-03	11.8	11.8	11.8	11.8	-11.9	-10.9	-3.3	-12.1	-48.9	-8.2
9777	ok	0.0	0.3	2.78e-03	11.8	11.8	11.8	11.8	-9.3	-9.3	-3.2	13.6	-41.2	-1.5
9778	ok	0.0	0.3	3.06e-03	11.8	11.8	11.8	11.8	-8.7	-9.8	-3.6	34.2	-24.7	-5.2
9779	ok	0.0	0.5	3.34e-03	11.8	11.8	11.8	11.8	-8.0	-10.6	-4.0	59.6	1.3	-9.8
9780	ok	0.0	0.9	3.66e-03	11.8	11.8	11.8	11.8	-7.1	-11.9	-6.1	106.5	42.1	-15.8
9781	ok	0.0	1.0	4.39e-03	11.8	18.8	11.8	17.8	-10.1	-11.5	-10.4	159.2	152.6	-27.0
9782	ok	0.0	0.3	3.03e-03	11.8	11.8	11.8	11.8	-11.6	-10.8	-3.6	4.4	-38.8	-12.7
9783	ok	0.0	0.2	3.32e-03	11.8	11.8	11.8	11.8	-9.2	-10.4	-4.0	21.9	-21.9	-17.5
9784	ok	0.0	0.4	3.48e-03	11.8	11.8	11.8	11.8	-8.6	-10.9	-4.7	40.5	2.9	-22.3
9785	ok	0.0	0.7	3.70e-03	11.8	11.8	11.8	11.8	-9.2	-11.7	-5.7	66.1	41.1	-28.8
9786	ok	0.0	0.9	4.15e-03	11.8	11.8	11.8	11.8	-9.0	-15.1	-7.6	73.7	94.1	-21.2
9787	ok	0.0	0.6	2.62e-03	11.8	11.8	11.8	11.8	-10.8	-6.3	-2.3	-3.8	-52.4	31.7
9788	ok	0.0	0.9	4.17e-03	11.8	11.8	11.8	11.8	-10.7	-7.6	-2.3	55.3	89.2	32.3
9789	ok	0.0	0.7	3.43e-03	11.8	11.8	11.8	11.8	-7.9	-6.9	-1.5	50.5	35.0	41.0
9790	ok	0.0	0.5	2.94e-03	11.8	11.8	11.8	11.8	-7.9	-6.5	-2.0	36.2	-2.2	38.1
9791	ok	0.0	0.4	2.70e-03	11.8	11.8	11.8	11.8	-8.3	-6.4	-2.0	22.0	-26.8	35.5
9792	ok	0.0	0.5	2.61e-03	11.8	11.8	11.8	11.8	-8.7	-6.1	-1.9	9.1	-43.1	33.4
9793	ok	0.0	0.5	2.62e-03	11.8	11.8	11.8	11.8	-9.2	-6.8	-2.1	0.7	-53.4	23.0
9794	ok	0.0	0.4	2.62e-03	11.8	11.8	11.8	11.8	-8.8	-7.2	-2.3	16.0	-43.4	23.6
9795	ok	0.0	0.3	2.66e-03	11.8	11.8	11.8	11.8	-8.3	-7.7	-2.4	34.7	-27.0	24.9
9796	ok	0.0	0.5	2.89e-03	11.8	11.8	11.8	11.8	-7.5	-8.3	-2.3	57.9	-1.7	26.8
9797	ok	0.0	0.9	3.58e-03	11.8	13.0	11.8	11.8	-6.3	-8.9	-1.7	101.7	39.9	32.9
9798	ok	0.0	1.0	4.27e-03	11.8	19.7	11.8	19.3	-9.7	-9.7	1.2	155.6	153.3	42.4
9799	ok	0.0	0.6	2.70e-03	11.8	11.8	11.8	11.8	-10.0	-4.8	-1.8	-12.0	-52.4	40.1
9800	ok	0.0	0.3	3.19e-03	11.8	11.8	11.8	11.8	-6.8	-3.7	-2.8	-8.3	28.6	21.7
9801	ok	0.0	0.3	3.07e-03	11.8	11.8	11.8	11.8	-7.3	-4.0	-2.5	-6.7	9.5	32.6
9802	ok	0.0	0.4	2.83e-03	11.8	11.8	11.8	11.8	-9.8	-4.8	-2.9	-6.2	-13.3	38.4
9803	ok	0.0	0.5	2.74e-03	11.8	11.8	11.8	11.8	-9.9	-4.9	-2.6	-7.3	-31.1	40.2
9804	ok	0.0	0.6	2.70e-03	11.8	11.8	11.8	11.8	-10.0	-4.9	-2.3	-9.5	-44.2	40.5
9805	ok	0.0	0.6	2.66e-03	11.8	11.8	11.8	11.8	-10.5	-5.5	-2.0	-7.8	-51.9	37.6
9806	ok	0.0	0.5	3.53e-03	11.8	11.8	11.8	11.8	-9.8	-5.0	-3.2	15.9	49.5	26.1
9807	ok	0.0	0.5	3.28e-03	11.8	11.8	11.8	11.8	-7.6	-5.0	-2.1	15.6	22.2	37.1
9808	ok	0.0	0.4	2.88e-03	11.8	11.8	11.8	11.8	-10.0	-5.6	-2.8	12.3	-6.9	40.0
9809	ok	0.0	0.4	2.70e-03	11.8	11.8	11.8	11.8	-8.2	-5.2	-1.9	6.7	-27.8	40.2
9810	ok	0.0	0.5	2.66e-03	11.8	11.8	11.8	11.8	-10.4	-5.6	-2.3	-0.4	-43.3	38.7
9811	ok	0.0	0.6	2.79e-03	11.8	11.8	11.8	11.8	-9.5	-4.4	-1.7	-16.1	-53.0	39.8
9812	ok	0.0	0.3	2.95e-03	11.8	11.8	11.8	11.8	-6.5	-3.3	-3.1	-23.4	12.2	18.3
9813	ok	0.0	0.3	2.92e-03	11.8	11.8	11.8	11.8	-9.4	-4.1	-3.4	-21.6	-4.3	28.7
9814	ok	0.0	0.4	2.81e-03	11.8	11.8	11.8	11.8	-9.5	-4.3	-3.0	-19.3	-20.3	35.1
9815	ok	0.0	0.5	2.76e-03	11.8	11.8	11.8	11.8	-9.6	-4.4	-2.7	-17.8	-34.8	38.3
9816	ok	0.0	0.6	2.73e-03	11.8	11.8	11.8	11.8	-9.6	-4.4	-2.2	-16.9	-45.9	39.5
9817	ok	0.0	0.6	2.83e-03	11.8	11.8	11.8	11.8	-9.2	-4.2	-1.7	-18.7	-53.6	38.2
9818	ok	0.0	0.3	2.81e-03	11.8	11.8	11.8	11.8	-6.3	-3.1	-3.2	-31.1	1.9	16.0
9819	ok	0.0	0.4	2.83e-03	11.8	11.8	11.8	11.8	-9.1	-3.9	-3.5	-29.6	-12.3	25.7
9820	ok	0.0	0.5	2.79e-03	11.8	11.8	11.8	11.8	-9.3	-4.0	-3.1	-26.7	-25.7	32.2
9821	ok	0.0	0.5	2.75e-03	11.8	11.8	11.8	11.8	-9.3	-4.1	-2.7	-24.1	-37.9	35.9
9822	ok	0.0	0.6	2.74e-03	11.8	11.8	11.8	11.8	-9.3	-4.2	-2.3	-21.5	-47.5	37.6
9823	ok	0.0	0.6	2.87e-03	11.8	11.8	11.8	11.8	-8.8	-4.0	-1.8	-21.0	-54.3	35.8
9824	ok	0.0	0.4	2.70e-03	11.8	11.8	11.8	11.8	-8.6	-3.6	-4.0	-38.0	-9.2	14.1
9825	ok	0.0	0.4	2.78e-03	11.8	11.8	11.8	11.8	-8.9	-3.6	-3.6	-35.5	-19.4	22.9
9826	ok	0.0	0.5	2.77e-03	11.8	11.8	11.8	11.8	-9.0	-3.7	-3.2	-32.4	-30.6	29.3
9827	ok	0.0	0.6	2.74e-03	11.8	11.8	11.8	11.8	-9.0	-3.8	-2.8	-29.0	-40.9	33.2
9828	ok	0.0	0.6	2.84e-03	11.8	11.8	11.8	11.8	-9.0	-3.9	-2.3	-25.3	-49.1	35.2
9829	ok	0.0	0.6	2.99e-03	11.8	11.8	11.8	11.8	-6.6	-3.1	-1.7	-26.2	-55.3	28.0
9830	ok	0.0	0.4	2.53e-03	11.8	11.8	11.8	11.8	-8.0	-3.3	-4.0	-45.6	-26.7	10.1
9831	ok	0.0	0.5	2.67e-03	11.8	11.8	11.8	11.8	-8.3	-3.3	-3.6	-43.9	-33.7	17.4
9832	ok	0.0	0.5	2.80e-03	11.8	11.8	11.8	11.8	-8.5	-3.3	-3.3	-41.1	-40.9	22.9
9833	ok	0.0	0.6	2.86e-03	11.8	11.8	11.8	11.8	-8.5	-3.3	-2.9	-37.3	-47.4	26.3
9834	ok	0.0	0.6	2.91e-03	11.8	11.8	11.8	11.8	-8.3	-3.4	-2.5	-32.4	-52.5	27.8
9835	ok	0.0	0.6	2.92e-03	11.8	11.8	11.8	11.8	-6.9	-3.3	-1.5	-23.5	-54.9	32.3
9836	ok	0.0	0.6	2.87e-03	11.8	11.8	11.8	11.8	-8.6	-3.7	-2.4	-29.1	-50.9	31.7
9837	ok	0.0	0.6	2.84e-03	11.8	11.8	11.8	11.8	-8.7	-3.6	-2.8	-33.6	-44.4	29.8
9838	ok	0.0	0.5	2.73e-03	11.8	11.8	11.8	11.8	-8.7	-3.5	-3.2	-37.5	-36.0	26.0
9839	ok	0.0	0.4	2.71e-03	11.8	11.8	11.8	11.8	-8.6	-3.5	-3.6	-40.6	-27.0	20.0
9840	ok	0.0	0.4	2.62e-03	11.8	11.8	11.8	11.8	-8.3	-3.4	-4.0	-42.8	-18.5	11.9
9841	ok	0.0	0.5	3.49e-03	11.8	11.8	11.8	11.8	-5.8	-1.6	-1.9	-41.1	-47.9	10.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9842	ok	0.0	0.5	2.63e-03	11.8	11.8	11.8	11.8	-6.7	-3.6	-3.2	-41.8	-52.9	11.1
9843	ok	0.0	0.5	2.77e-03	11.8	11.8	11.8	11.8	-7.1	-3.2	-2.9	-44.6	-53.9	14.3
9844	ok	0.0	0.5	2.90e-03	11.8	11.8	11.8	11.8	-7.4	-2.8	-2.6	-45.9	-53.6	15.9
9845	ok	0.0	0.5	3.04e-03	11.8	11.8	11.8	11.8	-7.6	-2.4	-2.5	-45.8	-52.4	15.7
9846	ok	0.0	0.5	3.32e-03	11.8	11.8	11.8	11.8	-5.9	-1.8	-2.0	-44.0	-50.6	13.7
9847	ok	0.0	0.5	3.38e-03	11.8	11.8	11.8	11.8	-5.9	-2.0	-2.0	-37.7	-51.4	13.1
9848	ok	0.0	0.5	3.26e-03	11.8	11.8	11.8	11.8	-6.0	-2.4	-2.0	-33.7	-53.8	17.2
9849	ok	0.0	0.6	3.07e-03	11.8	11.8	11.8	11.8	-6.2	-2.8	-1.9	-29.8	-55.1	22.4
9850	ok	0.0	0.9	3.84e-03	11.8	14.3	11.8	11.8	-4.6	-9.3	-3.2	110.0	60.2	35.3
9851	ok	0.0	0.3	1.73e-03	11.8	11.8	11.8	11.8	-4.2	0.9	1.3	-30.0	-14.3	-4.7
9852	ok	0.0	0.3	1.62e-03	11.8	11.8	11.8	11.8	-4.8	1.5	1.1	-38.4	-14.5	-7.3
9853	ok	0.0	0.4	2.31e-03	11.8	11.8	11.8	11.8	-8.6	-8.0	-5.0	41.5	10.0	19.9
9854	ok	0.0	0.2	1.87e-03	11.8	11.8	11.8	11.8	-5.6	-6.7	-5.5	22.8	3.3	11.4
9855	ok	0.0	0.4	2.54e-03	11.8	11.8	11.8	11.8	-1.6	-1.8	-4.5	-30.5	3.8	-28.9
9856	ok	0.0	0.2	1.81e-03	11.8	11.8	11.8	11.8	-3.6	0.2	1.4	-18.7	-12.1	-0.7
9857	ok	0.0	0.8	3.36e-03	11.8	11.8	11.8	11.8	-6.2	-4.0	-2.8	80.0	67.5	21.0
9858	ok	0.0	0.5	3.42e-03	11.8	11.8	11.8	11.8	-7.5	-8.0	-17.1	40.4	41.5	21.6
9859	ok	0.0	0.5	3.10e-03	11.8	11.8	11.8	11.8	-1.0	-16.0	-13.0	43.5	36.9	25.9
9860	ok	0.0	0.2	1.78e-03	11.8	11.8	11.8	11.8	-3.8	0.8	1.0	-27.3	-13.7	-5.0
9861	ok	0.0	0.4	1.23e-03	11.8	11.8	11.8	11.8	-1.2	2.5	1.4	-43.4	-4.2	-9.8
9862	ok	0.0	0.3	1.34e-03	11.8	11.8	11.8	11.8	3.1	-0.6	0.8	-32.5	-6.2	-15.8
9863	ok	0.0	0.4	1.97e-03	11.8	11.8	11.8	11.8	4.7	-0.8	4.7	-31.2	-5.9	-22.3
9864	ok	0.0	0.3	2.43e-03	11.8	11.8	11.8	11.8	-11.1	-2.6	-10.7	16.7	28.8	10.3
9865	ok	0.0	0.4	1.39e-03	11.8	11.8	11.8	11.8	-5.4	1.8	0.8	-43.2	-13.0	-8.7
9866	ok	0.0	0.3	2.61e-03	11.8	11.8	11.8	11.8	-1.9	-1.7	-4.4	-19.1	7.4	-27.5
9867	ok	0.0	0.2	3.32e-03	11.8	11.8	11.8	11.8	-5.6	-10.5	-4.4	-6.9	25.2	-10.8
9868	ok	0.0	0.8	1.92e-03	11.8	11.8	11.8	11.8	1.3	-6.6	5.5	69.9	47.9	35.9
9869	ok	0.0	0.3	2.51e-03	11.8	11.8	11.8	11.8	-2.5	-1.8	-4.2	-16.4	11.8	-27.0
9870	ok	0.0	0.3	2.65e-03	11.8	11.8	11.8	11.8	-2.3	-1.5	-4.1	-2.6	12.8	-23.8
9871	ok	0.0	0.3	2.77e-03	11.8	11.8	11.8	11.8	-5.6	-3.5	-5.2	18.3	19.8	-17.5
9872	ok	0.0	0.1	1.49e-03	11.8	11.8	11.8	11.8	4.2	3.3	7.8	11.6	9.0	-9.89e-02
9873	ok	0.0	0.4	1.37e-03	11.8	11.8	11.8	11.8	4.1	-1.9	8.4	38.8	25.0	7.8
9874	ok	0.0	0.5	3.71e-03	11.8	11.8	11.8	11.8	-6.9	-17.1	5.9	-51.4	-19.2	-15.1
9875	ok	0.0	0.2	1.61e-03	11.8	11.8	11.8	11.8	0.3	-4.7	3.6	-22.4	-6.4	-4.0
9876	ok	0.0	0.3	1.84e-03	11.8	11.8	11.8	11.8	-1.8	-3.7	0.1	-37.8	-6.2	-0.8
9877	ok	0.0	0.3	1.76e-03	11.8	11.8	11.8	11.8	-2.2	-3.2	0.5	-37.5	-6.9	-2.6
9878	ok	0.0	0.5	3.45e-03	11.8	11.8	11.8	11.8	-6.0	-16.5	3.6	-59.1	-22.2	-18.2
9879	ok	0.0	0.5	2.34e-03	11.8	11.8	11.8	11.8	-1.5	-2.3	-4.8	-41.1	1.5	-29.9
9880	ok	0.0	0.3	1.92e-03	11.8	11.8	11.8	11.8	-1.4	-4.1	-0.3	-33.6	-3.3	1.9
9881	ok	0.0	0.5	3.22e-03	11.8	11.8	11.8	11.8	-5.5	-14.1	-0.4	-58.2	-13.3	-18.6
9882	ok	0.0	0.2	1.99e-03	11.8	11.8	11.8	11.8	-1.1	-4.5	-0.5	-25.1	2.4	5.5
9883	ok	0.0	0.3	2.06e-03	11.8	11.8	11.8	11.8	-9.3	0.9	-5.5	13.8	19.2	14.9
9884	ok	0.0	1.0	3.16e-03	11.8	15.7	14.1	16.1	1.0	-6.3	-2.7	129.9	51.6	19.6
9885	ok	0.0	1.0	3.09e-03	11.8	12.3	11.8	11.9	-1.1	-4.6	1.0	68.0	64.8	59.0
9886	ok	0.0	0.5	2.42e-03	11.8	11.8	11.8	11.8	1.7	-3.9	0.7	30.0	44.9	21.7
9887	ok	0.0	0.5	3.24e-03	11.8	11.8	11.8	11.8	-5.5	-13.2	-1.5	-52.3	-6.2	-17.1
9888	ok	0.0	0.9	3.38e-03	11.8	22.4	11.8	11.8	22.1	3.7	-7.8	157.0	-21.4	62.6
9889	ok	0.0	0.7	2.37e-03	11.8	11.8	11.8	11.8	6.1	-17.9	0.8	15.7	71.9	36.2
9890	ok	0.0	0.8	3.75e-03	11.8	11.8	11.8	13.5	5.6	-27.7	5.7	4.7	93.3	48.7
9891	ok	0.0	1.0	5.58e-03	11.8	33.1	31.1	49.4	-0.3	-22.6	3.0	177.8	372.7	102.2
12899	ok	0.0	0.3	8.93e-04	11.8	11.8	11.8	11.8	-0.3	-6.3	1.0	3.2	34.0	1.6
12900	ok	0.0	0.7	1.51e-03	11.8	11.8	11.8	11.8	-0.9	6.2	-5.6	83.6	13.5	8.2
12901	ok	0.0	0.3	1.40e-03	11.8	11.8	11.8	11.8	-0.3	2.0	-6.6	14.1	-30.0	7.2
12902	ok	0.0	0.5	1.42e-03	11.8	11.8	11.8	11.8	-3.5	5.7	-4.3	55.6	-8.9	10.4
12903	ok	0.0	0.4	1.47e-03	11.8	11.8	11.8	11.8	-0.7	3.6	-6.1	42.5	-19.7	10.4
12904	ok	0.0	0.2	1.36e-03	11.8	11.8	11.8	11.8	-0.1	2.8	-6.3	25.4	-26.4	8.5
12905	ok	0.0	0.3	1.84e-03	11.8	11.8	11.8	11.8	8.2	5.5	-10.6	21.8	-22.5	18.0
12906	ok	0.0	0.4	2.01e-03	11.8	11.8	11.8	11.8	-3.92e-02	2.1	-9.2	9.2	-34.3	27.6
12907	ok	0.0	0.4	2.29e-03	11.8	11.8	11.8	11.8	-0.4	1.5	-10.3	11.5	-32.8	33.4
12908	ok	0.0	0.6	1.79e-03	11.8	11.8	11.8	11.8	-1.9	5.1	-6.0	68.1	13.8	27.2
12909	ok	0.0	0.4	2.00e-03	11.8	11.8	11.8	11.8	-4.8	1.8	-8.5	19.9	-29.0	28.0
12910	ok	0.0	0.3	1.64e-03	11.8	11.8	11.8	11.8	-0.6	2.8	-7.7	23.0	-29.9	19.5
12911	ok	0.0	0.3	1.95e-03	11.8	11.8	11.8	11.8	-5.3	2.4	-7.4	27.6	-21.1	29.6
12912	ok	0.0	0.4	1.66e-03	11.8	11.8	11.8	11.8	-4.2	3.6	-6.7	36.9	-21.1	20.9
12913	ok	0.0	0.5	1.77e-03	11.8	11.8	11.8	11.8	-4.9	4.1	-5.6	50.4	-8.0	23.6
12916	ok	0.0	0.2	1.48e-03	11.8	11.8	11.8	11.8	7.4	3.6	-7.7	10.3	-18.7	10.0
12917	ok	0.0	0.2	1.88e-03	11.8	11.8	11.8	11.8	-5.5	-0.1	-9.3	-9.4	-23.4	4.1
12918	ok	0.0	0.2	2.56e-03	11.8	11.8	11.8	11.8	-7.6	-0.2	-10.8	-21.9	-12.7	3.6
12923	ok	0.0	0.5	3.35e-03	11.8	11.8	11.8	11.8	0.3	-0.3	-7.6	8.6	-10.9	50.9
12924	ok	0.0	0.4	3.04e-03	11.8	11.8	11.8	11.8	-10.4	-0.8	-9.8	-9.6	-11.0	37.3
12925	ok	0.0	0.3	2.77e-03	11.8	11.8	11.8	11.8	-10.1	-0.9	-10.2	-16.8	-11.5	27.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12926	ok	0.0	0.3	2.65e-03	11.8	11.8	11.8	11.8	-11.6	-1.1	-10.8	-20.5	-12.1	15.7
12927	ok	0.0	0.4	2.93e-03	11.8	11.8	11.8	11.8	14.5	2.7	-11.6	24.2	-20.5	37.7
12928	ok	0.0	0.4	2.75e-03	11.8	11.8	11.8	11.8	13.8	2.3	-11.2	14.9	-16.2	32.9
12929	ok	0.0	0.3	2.48e-03	11.8	11.8	11.8	11.8	-7.7	-1.3	-10.6	-5.5	-21.4	26.1
12930	ok	0.0	0.3	2.25e-03	11.8	11.8	11.8	11.8	-7.0	-0.4	-9.9	-9.6	-22.1	15.4
12931	ok	0.0	0.4	2.53e-03	11.8	11.8	11.8	11.8	-0.1	0.7	-10.1	7.7	-30.3	34.6
12932	ok	0.0	0.4	2.15e-03	11.8	11.8	11.8	11.8	9.2	4.3	-11.5	14.4	-23.2	24.7
12933	ok	0.0	0.3	1.87e-03	11.8	11.8	11.8	11.8	9.2	4.0	-9.6	11.5	-20.2	16.6
12934	ok	0.0	1.0	2.67e-03	11.8	16.5	11.8	11.8	-1.1	6.8	-3.0	157.7	87.5	10.3
12935	ok	0.0	0.9	1.59e-03	11.8	11.9	11.8	11.8	-1.5	6.6	-4.5	111.7	42.8	11.8
12940	ok	0.0	0.3	1.11e-03	11.8	11.8	11.8	11.8	-1.9	3.1	-5.6	15.4	-31.9	-2.4
12941	ok	0.0	0.3	8.12e-04	11.8	11.8	11.8	11.8	-0.9	5.0	-4.3	15.7	-33.7	-9.0
12942	ok	0.0	0.4	5.96e-04	11.8	11.8	11.8	11.8	-0.1	8.8	-3.4	15.1	-41.5	-13.7
12943	ok	0.0	0.4	3.88e-04	11.8	11.8	11.8	11.8	0.4	12.5	-2.9	13.3	-44.3	-16.6
12944	ok	0.0	0.2	2.38e-03	11.8	11.8	11.8	11.8	-9.3	-0.7	-10.8	-23.0	-12.2	-10.1
12945	ok	0.0	0.3	2.62e-03	11.8	11.8	11.8	11.8	-4.2	0.8	-10.4	-3.4	-17.0	-32.9
12946	ok	0.0	0.4	1.25e-03	11.8	11.8	11.8	11.8	1.0	2.1	-6.8	35.4	-29.8	-26.6
12947	ok	0.0	0.2	2.01e-04	11.8	11.8	11.8	11.8	5.3	12.5	-3.0	7.0	-23.1	-4.1
12948	ok	0.0	0.3	8.28e-04	11.8	11.8	11.8	11.8	0.5	13.9	-2.8	2.4	30.6	-7.5
12949	ok	0.0	9.05e-02	6.15e-04	11.8	11.8	11.8	11.8	-1.9	3.0	2.3	-9.0	-4.9	3.9
12950	ok	0.0	0.2	1.51e-03	11.8	11.8	11.8	11.8	-9.9	-1.4	-3.7	-10.2	-17.5	-13.0
12951	ok	0.0	0.3	1.05e-03	11.8	11.8	11.8	11.8	-0.9	2.6	-7.4	6.2	-31.7	-19.0
12952	ok	0.0	0.4	6.28e-04	11.8	11.8	11.8	11.8	0.2	5.6	-5.2	16.7	-38.6	-20.7
12953	ok	0.0	0.4	2.71e-04	11.8	11.8	11.8	11.8	1.1	11.2	-3.6	15.2	-43.5	-18.4
12954	ok	0.0	0.3	1.16e-03	11.8	11.8	11.8	11.8	-2.3	2.0	-6.7	5.7	-31.0	-4.5
12955	ok	0.0	0.3	8.79e-04	11.8	11.8	11.8	11.8	-1.4	3.5	-5.4	10.3	-38.2	-12.8
12956	ok	0.0	0.4	5.72e-04	11.8	11.8	11.8	11.8	0.4	7.9	-4.4	14.3	-43.2	-15.9
12957	ok	0.0	0.4	3.11e-04	11.8	11.8	11.8	11.8	0.7	12.2	-3.3	13.8	-47.0	-19.3
12958	ok	0.0	0.6	1.30e-03	11.8	11.8	11.8	11.8	-0.8	6.6	-4.3	75.4	15.1	-3.4
12959	ok	0.0	0.5	9.22e-04	11.8	11.8	11.8	11.8	-5.91e-02	7.5	-3.4	53.4	16.6	-15.9
12960	ok	0.0	0.4	7.10e-04	11.8	11.8	11.8	11.8	0.1	8.7	-2.7	33.0	16.2	-18.7
12961	ok	0.0	0.3	6.69e-04	11.8	11.8	11.8	11.8	0.6	10.7	-3.0	18.8	17.2	-19.2
12962	ok	0.0	0.2	6.66e-04	11.8	11.8	11.8	11.8	0.6	12.6	-2.6	9.0	14.5	-15.4
12963	ok	0.0	0.2	1.06e-03	11.8	11.8	11.8	11.8	-2.0	4.2	-4.7	25.4	-27.7	-1.3
12964	ok	0.0	0.2	8.11e-04	11.8	11.8	11.8	11.8	-1.2	6.0	-3.6	22.9	-28.2	-8.4
12965	ok	0.0	0.3	5.88e-04	11.8	11.8	11.8	11.8	-0.4	9.5	-2.8	18.7	-34.0	-13.7
12966	ok	0.0	0.4	5.45e-04	11.8	11.8	11.8	11.8	0.2	12.5	-2.5	16.0	-36.3	-17.9
12967	ok	0.0	0.3	4.14e-04	11.8	11.8	11.8	11.8	0.7	16.7	-3.2	2.5	-29.1	-2.8
12968	ok	0.0	0.3	1.07e-03	11.8	11.8	11.8	11.8	-2.4	5.5	-3.9	37.1	-19.2	-1.5
12969	ok	0.0	0.3	8.43e-04	11.8	11.8	11.8	11.8	-1.5	6.9	-2.8	31.4	-18.5	-9.4
12970	ok	0.0	0.2	6.31e-04	11.8	11.8	11.8	11.8	-0.6	9.9	-2.1	23.2	-21.1	-14.8
12971	ok	0.0	0.2	5.32e-04	11.8	11.8	11.8	11.8	-2.59e-02	12.4	-2.0	15.4	-21.0	-16.3
12972	ok	0.0	0.2	5.17e-04	11.8	11.8	11.8	11.8	0.5	14.9	-2.7	8.7	-19.4	-12.9
12973	ok	0.0	0.4	1.15e-03	11.8	11.8	11.8	11.8	-2.7	6.4	-2.9	52.0	-5.6	-3.3
12974	ok	0.0	0.4	9.00e-04	11.8	11.8	11.8	11.8	-1.7	7.7	-2.0	41.6	-4.1	-11.8
12975	ok	0.0	0.3	7.04e-04	11.8	11.8	11.8	11.8	-0.7	10.2	-1.4	28.2	-4.0	-17.6
12976	ok	0.0	0.2	6.07e-04	11.8	11.8	11.8	11.8	-0.2	12.0	-1.6	16.7	-3.6	-17.5
12977	ok	0.0	0.2	6.09e-04	11.8	11.8	11.8	11.8	0.3	14.0	-2.2	9.3	-3.8	-14.7
12978	ok	0.0	1.0	1.59e-03	11.8	19.7	11.8	21.1	2.4	6.1	-4.1	163.9	174.0	-32.9
12979	ok	0.0	0.9	9.56e-04	11.8	11.8	11.8	13.9	2.4	8.3	-3.3	74.3	126.8	-13.7
12980	ok	0.0	0.8	8.15e-04	11.8	11.8	11.8	11.8	1.7	9.8	-3.1	34.2	93.3	-5.5
12981	ok	0.0	0.6	7.06e-04	11.8	11.8	11.8	11.8	1.2	11.4	-2.8	9.7	67.6	0.5
12982	ok	0.0	0.4	7.95e-04	11.8	11.8	11.8	11.8	0.8	12.7	-3.0	-2.2	50.3	4.7
12983	ok	0.0	0.3	1.07e-03	11.8	11.8	11.8	11.8	0.6	14.2	-2.9	0.6	36.2	-5.9
12984	ok	0.0	0.9	1.25e-03	11.8	11.8	11.8	11.8	-0.3	7.4	-4.1	105.1	45.0	-15.6
12985	ok	0.0	0.7	1.08e-03	11.8	11.8	11.8	11.8	-1.90e-02	8.1	-2.8	68.7	45.9	-18.8
12986	ok	0.0	0.5	7.13e-04	11.8	11.8	11.8	11.8	0.4	8.9	-2.6	35.5	40.8	-19.9
12987	ok	0.0	0.4	6.89e-04	11.8	11.8	11.8	11.8	0.5	11.5	-2.7	15.3	37.8	-17.0
12988	ok	0.0	0.3	7.34e-04	11.8	11.8	11.8	11.8	0.6	12.8	-2.7	6.1	32.4	-11.2
12989	ok	0.0	1.0	1.54e-03	11.8	15.9	11.8	11.8	2.0	8.3	-1.6	137.8	87.0	-24.0
12990	ok	0.0	0.9	9.93e-04	11.8	11.8	11.8	11.8	1.4	8.9	-3.1	76.3	90.4	-28.2
12991	ok	0.0	0.6	8.07e-04	11.8	11.8	11.8	11.8	0.8	9.2	-2.4	36.9	68.7	-14.4
12992	ok	0.0	0.5	6.97e-04	11.8	11.8	11.8	11.8	0.7	11.4	-2.6	13.0	55.8	-11.1
12993	ok	0.0	0.4	9.01e-04	11.8	11.8	11.8	11.8	0.6	12.8	-2.7	3.2	44.0	-6.4
12994	ok	0.0	1.0	2.14e-03	11.8	16.5	11.8	23.2	4.0	6.9	-3.6	153.0	217.4	13.3
12995	ok	0.0	0.9	1.02e-03	11.8	11.8	11.8	15.0	3.2	8.4	-3.9	71.8	139.4	13.3
12996	ok	0.0	0.8	8.21e-04	11.8	11.8	11.8	11.8	2.2	10.2	-3.8	30.8	96.3	10.1
12997	ok	0.0	0.6	7.64e-04	11.8	11.8	11.8	11.8	1.2	11.2	-3.1	9.5	68.5	13.7
12998	ok	0.0	0.4	8.75e-04	11.8	11.8	11.8	11.8	0.9	12.7	-3.2	-3.0	47.6	13.0
12999	ok	0.0	0.3	1.05e-03	11.8	11.8	11.8	11.8	0.7	14.1	-3.0	-4.2	32.7	13.0
13000	ok	0.0	1.0	9.86e-04	11.8	11.8	11.8	11.8	1.4	9.7	-5.3	69.7	72.2	45.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13001	ok	0.0	0.7	8.54e-04	11.8	11.8	11.8	11.8	1.4	10.4	-4.5	32.1	56.9	41.3
13002	ok	0.0	0.5	8.24e-04	11.8	11.8	11.8	11.8	1.2	11.5	-4.0	10.0	39.7	35.8
13003	ok	0.0	0.4	8.78e-04	11.8	11.8	11.8	11.8	1.0	12.9	-3.6	-3.1	24.8	31.7
13004	ok	0.0	0.3	9.02e-04	11.8	11.8	11.8	11.8	0.8	14.4	-3.4	-9.3	11.8	33.0
13005	ok	0.0	1.0	1.24e-03	11.8	11.8	11.8	15.3	2.8	8.9	-5.1	77.0	112.3	39.8
13006	ok	0.0	0.8	7.93e-04	11.8	11.8	11.8	11.8	1.9	9.8	-4.3	31.9	80.8	29.9
13007	ok	0.0	0.6	7.97e-04	11.8	11.8	11.8	11.8	1.4	11.1	-3.6	9.1	56.2	25.7
13008	ok	0.0	0.4	8.62e-04	11.8	11.8	11.8	11.8	1.0	12.8	-3.4	-3.2	38.2	23.0
13009	ok	0.0	0.3	9.25e-04	11.8	11.8	11.8	11.8	0.7	14.2	-3.2	-7.2	24.3	22.5
13010	ok	0.0	0.4	8.37e-04	11.8	11.8	11.8	11.8	-3.79e-02	10.5	-4.0	7.1	-12.1	47.8
13011	ok	0.0	0.5	8.52e-04	11.8	11.8	11.8	11.8	0.5	12.0	-3.9	-3.4	-19.0	47.2
13012	ok	0.0	0.6	1.10e-03	11.8	11.8	11.8	11.8	0.8	13.9	-3.8	-13.2	-24.5	52.5
13013	ok	0.0	0.5	1.09e-03	11.8	11.8	11.8	11.8	0.7	16.8	-3.4	-9.9	-41.5	24.3
13014	ok	0.0	0.6	8.55e-04	11.8	11.8	11.8	11.8	0.6	10.9	-4.3	30.8	21.7	46.9
13015	ok	0.0	0.5	8.27e-04	11.8	11.8	11.8	11.8	0.8	11.9	-4.0	9.7	13.7	44.2
13016	ok	0.0	0.4	8.69e-04	11.8	11.8	11.8	11.8	0.9	13.2	-3.7	-3.0	3.9	40.9
13017	ok	0.0	0.4	8.98e-04	11.8	11.8	11.8	11.8	0.9	13.6	-3.8	-10.7	-8.7	40.9
13018	ok	0.0	0.5	9.85e-04	11.8	11.8	11.8	11.8	-0.3	10.5	-3.5	4.7	-23.5	49.0
13019	ok	0.0	0.6	9.34e-04	11.8	11.8	11.8	11.8	0.3	12.0	-3.6	-5.0	-28.2	49.1
13020	ok	0.0	0.7	9.85e-04	11.8	11.8	11.8	11.8	0.7	13.9	-3.7	-13.6	-32.2	54.1
13021	ok	0.0	0.6	1.05e-03	11.8	11.8	11.8	11.8	0.8	17.3	-3.5	-5.0	-54.3	32.5
13022	ok	0.0	0.6	9.29e-04	11.8	11.8	11.8	11.8	-0.6	10.3	-3.0	0.7	-34.2	49.4
13023	ok	0.0	0.6	9.37e-04	11.8	11.8	11.8	11.8	0.1	11.9	-3.3	-6.7	-37.1	50.9
13024	ok	0.0	0.7	9.89e-04	11.8	11.8	11.8	11.8	0.6	13.9	-3.4	-13.3	-41.6	51.4
13025	ok	0.0	0.7	1.11e-03	11.8	11.8	11.8	11.8	0.7	16.6	-3.6	-14.0	-50.0	53.0
13026	ok	0.0	0.7	9.46e-04	11.8	11.8	11.8	11.8	3.37e-02	11.6	-2.9	-8.7	-42.9	52.2
13027	ok	0.0	0.7	9.91e-04	11.8	11.8	11.8	11.8	0.5	13.7	-3.2	-12.9	-46.1	53.5
13028	ok	0.0	0.8	9.48e-04	11.8	11.8	11.8	11.8	0.7	16.4	-3.5	-16.3	-50.9	55.8
13029	ok	0.0	0.8	2.17e-03	11.8	11.8	11.8	11.8	1.4	-14.8	1.5	13.6	98.8	8.3
13030	ok	0.0	0.5	1.62e-03	11.8	11.8	11.8	11.8	-0.3	-11.4	1.4	-6.9	52.8	26.9
13031	ok	0.0	0.6	1.60e-03	11.8	11.8	11.8	11.8	1.5	34.5	-6.8	-11.0	-37.1	36.0
13032	ok	0.0	0.6	1.51e-03	11.8	11.8	11.8	11.8	0.8	19.1	-3.9	-7.4	-45.8	35.6
13033	ok	0.0	0.7	8.74e-04	11.8	11.8	11.8	11.8	-0.2	11.2	-2.2	-12.2	-45.9	53.5
13034	ok	0.0	0.7	1.02e-03	11.8	11.8	11.8	11.8	0.9	14.7	-3.5	-14.5	-49.0	55.5
13035	ok	0.0	0.8	9.76e-04	11.8	11.8	11.8	11.8	0.8	16.6	-3.6	-18.3	-51.5	62.0
13036	ok	0.0	0.7	9.37e-04	11.8	11.8	11.8	11.8	1.0	14.5	-3.6	-15.4	-45.5	56.0
13037	ok	0.0	0.8	1.06e-03	11.8	11.8	11.8	11.8	0.9	16.5	-3.7	-18.7	-45.7	62.0
13038	ok	0.0	0.8	1.47e-03	11.8	11.8	11.8	11.8	1.0	16.6	-3.9	-20.4	-32.6	67.2
13039	ok	0.0	0.6	1.07e-03	11.8	11.8	11.8	11.8	1.3	16.4	-4.3	-13.4	-15.9	54.9
13040	ok	0.0	0.6	1.12e-03	11.8	11.8	11.8	11.8	0.7	17.8	-3.6	-5.5	-61.8	18.9
13041	ok	0.0	0.8	4.16e-03	11.8	12.1	11.8	11.8	1.3	-0.9	-5.3	26.9	-9.2	80.6
13042	ok	0.0	0.4	3.80e-03	11.8	11.8	11.8	11.8	13.9	-1.1	-6.2	12.4	-3.4	41.8
13043	ok	0.0	0.4	4.05e-03	11.8	11.8	11.8	11.8	-0.2	1.8	-8.1	-15.4	-4.4	36.6
13044	ok	0.0	0.4	4.45e-03	11.8	11.8	11.8	11.8	0.4	2.1	-8.9	-22.7	-4.2	26.5
13045	ok	0.0	0.3	4.79e-03	11.8	11.8	11.8	11.8	-28.5	-3.5	-11.7	-27.1	-4.6	15.3
13046	ok	0.0	0.2	5.10e-03	11.8	11.8	11.8	11.8	-30.4	-3.9	-12.5	-29.4	-5.3	3.1
13047	ok	0.0	0.3	5.04e-03	11.8	11.8	11.8	11.8	-29.9	-3.2	-13.0	-31.1	-7.4	-9.2
13048	ok	0.0	0.5	4.38e-03	11.8	11.8	11.8	11.8	-24.3	1.6	-14.4	-30.5	3.3	-48.6
13049	ok	0.0	0.7	3.91e-03	11.8	11.8	11.8	11.8	2.8	-0.7	-4.4	73.4	-23.1	-43.3
13050	ok	0.0	0.3	1.58e-04	11.8	11.8	11.8	11.8	0.6	15.6	-3.1	0.8	-36.0	3.5
13051	ok	0.0	0.4	2.14e-04	11.8	11.8	11.8	11.8	0.7	16.5	-3.3	3.5	-42.3	-1.4
13052	ok	0.0	0.3	2.44e-04	11.8	11.8	11.8	11.8	0.7	16.4	-3.3	4.6	-39.7	-2.6
13053	ok	0.0	0.2	8.08e-04	11.8	11.8	11.8	11.8	0.5	13.7	-2.7	2.5	17.3	-7.4
13054	ok	0.0	0.3	4.36e-03	11.8	11.8	11.8	11.8	-3.2	2.5	-1.1	-32.4	0.4	2.1
13055	ok	0.0	0.2	3.39e-03	11.8	11.8	11.8	11.8	11.0	-1.4	2.3	15.9	-11.0	4.3
13056	ok	0.0	0.2	4.04e-03	11.8	11.8	11.8	11.8	-4.2	2.2	-1.2	-30.3	0.4	3.3
13057	ok	0.0	0.2	3.73e-03	11.8	11.8	11.8	11.8	-4.6	1.9	-1.1	-25.8	0.6	4.3
13058	ok	0.0	0.2	3.61e-03	11.8	11.8	11.8	11.8	-20.5	5.88e-02	-1.4	-25.7	0.9	-6.75e-04
13059	ok	0.0	0.2	3.68e-03	11.8	11.8	11.8	11.8	16.9	0.4	0.8	13.3	4.8	14.3
13060	ok	0.0	0.2	1.16e-03	11.8	11.8	11.8	11.8	1.6	27.8	-4.3	-0.1	20.0	-0.9
13061	ok	0.0	0.1	1.17e-03	11.8	11.8	11.8	11.8	-0.8	-7.9	0.2	-4.1	-11.1	10.4
13062	ok	0.0	0.3	9.84e-04	11.8	11.8	11.8	11.8	0.7	15.8	-3.2	-6.1	-23.3	21.1
13063	ok	0.0	0.1	6.13e-04	11.8	11.8	11.8	11.8	-3.20e-02	6.6	-1.6	1.3	-14.8	-0.8
13064	ok	0.0	0.2	1.16e-04	11.8	11.8	11.8	11.8	10.6	-0.6	0.8	-4.2	-17.9	17.9
13065	ok	0.0	0.4	3.17e-03	11.8	11.8	11.8	11.8	-22.4	-1.6	-3.15e-02	-31.9	13.7	-16.4
13066	ok	0.0	0.3	4.30e-03	11.8	11.8	11.8	11.8	-30.1	-2.5	0.4	-31.2	1.7	-3.9
13067	ok	0.0	0.3	9.97e-04	11.8	11.8	11.8	11.8	0.6	14.0	-2.8	1.0	36.4	-5.0
13068	ok	0.0	0.6	1.14e-03	11.8	11.8	11.8	11.8	0.7	17.6	-3.5	-7.4	-63.9	23.7
13069	ok	0.0	0.6	1.29e-03	11.8	11.8	11.8	11.8	0.7	18.0	-3.6	-9.2	-63.6	28.1
13070	ok	0.0	0.6	1.19e-03	11.8	11.8	11.8	11.8	0.7	18.4	-3.7	-12.4	-58.0	32.4
13071	ok	0.0	0.4	1.98e-03	11.8	11.8	11.8	11.8	2.4	40.2	-6.9	-3.2	-44.5	9.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13072	ok	0.0	0.4	1.96e-03	11.8	11.8	11.8	11.8	-1.1	-14.0	1.1	-1.9	52.4	3.1
13073	ok	0.0	0.9	1.90e-03	11.8	11.8	11.8	11.8	2.80e-02	-9.2	-0.8	0.2	107.2	-11.5
13074	ok	0.0	0.9	3.18e-03	11.8	11.8	11.8	18.1	-4.0	-5.2	-12.3	46.3	150.9	-23.7
13075	ok	0.0	0.9	3.39e-03	11.8	11.8	11.8	12.4	-3.9	-16.5	-13.7	22.3	120.7	-9.9
13077	ok	0.0	0.4	1.39e-03	11.8	11.8	11.8	11.8	0.8	-7.4	0.8	-1.7	42.9	7.3
13078	ok	0.0	8.49e-02	6.93e-04	11.8	11.8	11.8	11.8	1.5	13.6	-2.5	4.56e-02	8.5	0.3
13079	ok	0.0	0.3	1.15e-03	11.8	11.8	11.8	11.8	1.3	26.9	-4.1	1.3	27.7	-4.5
13504	ok	0.0	0.1	1.23e-04	11.8	11.8	11.8	11.8	-0.5	8.31e-02	-4.97e-02	-4.8	-8.0	2.5
13511	ok	0.0	0.1	2.07e-04	11.8	11.8	11.8	11.8	-0.6	0.7	-1.2	-11.0	-1.7	8.0
13523	ok	0.0	0.2	5.24e-04	11.8	11.8	11.8	11.8	0.4	0.4	-0.5	23.4	0.7	7.0
13534	ok	0.0	0.4	6.27e-03	11.8	11.8	11.8	11.8	-34.1	5.9	-3.3	54.8	-8.5	-13.6
13541	ok	0.0	0.3	2.47e-03	11.8	11.8	11.8	11.8	-2.0	0.9	-1.2	32.3	-1.2	5.0
13548	ok	0.0	0.3	1.42e-03	11.8	11.8	11.8	11.8	-0.8	-0.3	-0.7	30.6	2.8	10.4
13555	ok	0.0	0.5	5.88e-03	11.8	11.8	11.8	11.8	-35.0	7.9	9.9	55.9	-5.4	-27.8
13558	ok	0.0	0.3	3.94e-03	11.8	11.8	11.8	11.8	-4.5	-0.8	1.8	35.4	8.0	-6.5
13565	ok	0.0	0.3	1.73e-03	11.8	11.8	11.8	11.8	1.5	0.7	-0.1	28.6	16.9	15.6
13576	ok	0.0	0.3	1.11e-03	11.8	11.8	11.8	11.8	1.2	1.5	-0.3	27.9	-0.9	15.7
13579	ok	0.0	0.4	9.83e-04	11.8	11.8	11.8	11.8	1.6	0.7	-4.0	-19.2	-36.9	18.9
13590	ok	0.0	0.4	1.17e-03	11.8	11.8	11.8	11.8	1.8	3.0	-4.0	-15.9	0.5	12.4
16275	ok	0.0	0.3	1.49e-02	5.7	5.7	5.7	5.7	-55.9	1.64e-02	36.1	7.1	4.8	-1.0
16278	ok	0.0	0.9	1.11e-02	5.7	5.7	5.7	8.0	-42.5	22.2	12.4	3.7	48.4	-2.3
16279	ok	0.0	0.5	1.90e-02	5.7	5.7	5.7	5.7	-49.5	-12.4	43.9	5.9	18.8	-1.6
16280	ok	0.0	0.3	1.67e-02	5.7	5.7	5.7	5.7	-49.6	7.9	47.2	3.1	8.3	-1.4
16658	ok	0.0	0.6	1.96e-03	11.8	11.8	11.8	11.8	24.3	-2.2	-1.5	13.6	-14.7	52.8
16659	ok	0.0	0.4	4.65e-03	11.8	11.8	11.8	11.8	8.8	3.8	-2.7	-10.2	-1.8	39.7
16660	ok	0.0	0.3	5.32e-03	11.8	11.8	11.8	11.8	-32.8	-4.0	1.4	-17.1	1.5	31.0
16661	ok	0.0	0.3	5.96e-03	11.8	11.8	11.8	11.8	-37.4	-4.7	1.7	-25.9	0.3	22.9
16662	ok	0.0	0.3	6.56e-03	11.8	11.8	11.8	11.8	-41.8	-5.4	1.9	-30.6	0.1	13.5
16663	ok	0.0	0.3	7.07e-03	11.8	11.8	11.8	11.8	-45.5	-5.9	2.1	-32.9	-4.58e-02	3.5
16664	ok	0.0	0.3	7.42e-03	11.8	11.8	11.8	11.8	-47.4	-6.7	2.6	-36.3	-1.3	-8.3
16665	ok	0.0	0.8	7.15e-03	11.8	11.8	11.8	11.8	28.2	4.3	5.1	-64.4	-52.6	-22.1
16666	ok	0.0	1.0	4.99e-03	11.8	15.2	11.8	14.9	-33.9	-3.2	0.2	84.6	77.2	-75.5
16713	ok	0.0	0.9	2.24e-02	11.8	18.5	11.8	11.8	51.7	-97.4	-97.3	105.5	17.7	24.9
16715	ok	0.0	0.6	5.53e-02	11.8	11.8	11.8	11.8	111.7	-20.7	35.1	46.2	2.1	15.8
16716	ok	0.0	0.4	9.05e-03	11.8	11.8	11.8	11.8	82.9	1.7	-11.4	-41.4	-0.2	-7.2
16717	ok	0.0	0.4	6.67e-03	11.8	11.8	11.8	11.8	99.9	3.1	-12.1	-34.7	1.4	-5.6
16718	ok	0.0	0.4	7.35e-03	11.8	11.8	11.8	11.8	60.6	0.8	-9.6	-36.6	-0.2	-10.5
16719	ok	0.0	0.3	6.67e-03	11.8	11.8	11.8	11.8	51.6	4.87e-02	-9.0	-24.9	-0.4	-14.3
16724	ok	0.0	0.2	6.32e-03	11.8	11.8	11.8	11.8	1.5	-2.2	-0.6	-17.4	-1.7	-17.2
16725	ok	0.0	0.5	5.75e-03	11.8	11.8	11.8	11.8	22.3	3.4	-10.0	-17.1	-27.9	-41.0
16726	ok	0.0	1.0	4.58e-03	11.8	20.5	11.8	18.3	1.8	3.8	-11.6	113.9	92.8	-89.9
16959	ok	0.0	0.3	3.47e-02	5.7	5.7	5.7	5.7	-66.0	-36.2	56.7	13.0	-6.6	0.6
16960	ok	0.0	0.2	1.99e-02	5.7	5.7	5.7	5.7	-54.0	-34.4	-5.2	11.1	-0.9	-3.96e-02
16961	ok	0.0	0.5	1.30e-02	5.7	5.7	5.7	5.7	0.7	-56.2	0.1	15.2	9.7	-1.5
16963	ok	0.0	0.4	4.83e-02	5.7	5.7	5.7	5.7	-139.9	-130.7	111.1	11.8	-9.3	-16.2
16964	ok	0.0	0.3	4.92e-03	5.7	5.7	5.7	5.7	31.4	36.2	-5.6	8.5	-8.8	1.3
16965	ok	0.0	0.4	5.33e-03	5.7	5.7	5.7	5.7	69.6	52.0	-7.1	8.3	-7.0	-2.0
16966	ok	0.0	0.8	1.18e-02	5.7	5.7	5.7	5.8	-12.2	17.2	30.7	4.3	27.4	-9.8
16967	ok	0.0	0.4	1.63e-02	5.7	5.7	5.7	5.7	-18.3	31.3	-8.0	17.7	4.9	-1.9
16968	ok	0.0	0.5	1.66e-02	5.7	5.7	5.7	5.7	-6.7	34.6	32.1	17.8	4.4	2.09e-02
16969	ok	0.0	0.5	1.93e-02	5.7	5.7	5.7	5.7	14.6	25.7	26.5	19.0	5.7	-1.7
16970	ok	0.0	0.7	1.97e-02	5.7	5.7	5.7	5.7	29.8	-64.8	-12.2	16.3	21.6	-3.4
16971	ok	0.0	0.2	9.03e-03	5.7	5.7	5.7	5.7	-18.0	7.2	-2.6	8.5	2.4	-2.7
16972	ok	0.0	0.3	8.12e-03	5.7	5.7	5.7	5.7	-12.1	7.9	6.7	9.5	1.9	-2.6
16973	ok	0.0	0.3	1.03e-02	5.7	5.7	5.7	5.7	-13.8	-10.2	-9.1	13.2	3.6	-1.1
16974	ok	0.0	0.2	1.19e-02	5.7	5.7	5.7	5.7	-27.8	4.6	31.7	7.5	5.9	-1.1
16975	ok	0.0	0.3	1.47e-02	5.7	5.7	5.7	5.7	-12.3	-19.1	32.9	5.2	-4.6	4.2
16976	ok	0.0	0.4	1.30e-02	5.7	5.7	5.7	5.7	3.2	-17.2	28.0	12.1	2.7	-0.9
16977	ok	0.0	0.4	1.44e-02	5.7	5.7	5.7	5.7	6.4	-62.3	23.5	11.7	9.1	1.9
16978	ok	0.0	0.9	3.36e-02	5.7	5.7	5.7	5.7	-6.3	-148.8	12.2	17.1	36.7	6.2
16979	ok	0.0	0.2	1.14e-02	5.7	5.7	5.7	5.7	-46.0	10.0	25.7	5.2	5.5	-5.6
16980	ok	0.0	0.2	7.82e-03	5.7	5.7	5.7	5.7	-16.8	8.5	8.8	7.7	0.6	-4.9
16981	ok	0.0	0.3	9.25e-03	5.7	5.7	5.7	5.7	-8.0	-0.7	-11.7	8.3	1.2	-3.5
16982	ok	0.0	0.2	1.40e-02	5.7	5.7	5.7	5.7	-41.7	6.7	39.8	3.7	8.8	-3.7
16983	ok	0.0	0.2	2.38e-02	5.7	5.7	5.7	5.7	-16.5	-29.1	31.2	6.2	-4.9	3.1
16984	ok	0.0	0.3	1.33e-02	5.7	5.7	5.7	5.7	-46.6	-17.9	-4.2	8.0	-2.7	4.1
16985	ok	0.0	0.5	1.35e-02	5.7	5.7	5.7	5.7	27.0	-43.2	2.8	15.3	8.6	2.8
16986	ok	0.0	0.8	2.57e-02	5.7	5.7	5.7	5.7	12.6	-77.3	52.0	17.8	30.4	2.3
16987	ok	0.0	0.4	1.94e-02	5.7	5.7	5.7	5.7	-61.7	8.4	31.4	7.7	5.9	-8.3
16988	ok	0.0	0.3	9.85e-03	5.7	5.7	5.7	5.7	-24.2	-21.3	-26.3	9.7	-6.6	-3.7
16989	ok	0.0	0.3	9.92e-03	5.7	5.7	5.7	5.7	2.9	-27.2	31.3	8.4	-5.7	-0.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
16990	ok	0.0	0.4	2.18e-02	5.7	5.7	5.7	5.7	-39.8	-18.1	42.4	6.2	16.2	-9.0
17078	ok	0.0	1.0	1.76e-02	5.7	7.9	7.0	8.0	60.5	2.1	39.5	10.5	22.3	9.2
17081	ok	0.0	0.3	8.68e-03	5.7	5.7	5.7	5.7	-28.5	2.4	26.4	8.7	8.9	3.18e-02
17082	ok	0.0	0.3	1.38e-02	5.7	5.7	5.7	5.7	-56.8	-7.6	25.3	8.6	8.0	-0.8
17084	ok	0.0	0.2	6.83e-03	5.7	5.7	5.7	5.7	-15.3	24.2	-3.3	10.0	2.9	0.1
17089	ok	0.0	0.3	7.23e-03	5.7	5.7	5.7	5.7	-10.2	13.1	-1.9	11.5	2.8	-0.7
17091	ok	0.0	0.4	9.20e-03	5.7	5.7	5.7	5.7	-4.5	19.7	-14.4	14.7	6.2	-0.5
17094	ok	0.0	1.0	2.28e-02	5.7	5.7	6.4	5.7	17.9	90.2	41.8	-23.7	-29.2	1.9
17097	ok	0.0	0.6	1.59e-02	5.7	5.7	5.7	5.7	0.4	-26.3	21.5	-21.8	-6.5	3.3
17099	ok	0.0	0.5	1.39e-02	5.7	5.7	5.7	5.7	11.1	13.0	49.5	13.9	9.9	-0.5
17101	ok	0.0	0.5	2.30e-02	5.7	5.7	5.7	5.7	-31.8	4.3	59.4	20.6	9.9	-3.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-211.66	-1150.87	-201.66	-207.92	-278.84	-370.55
		0.0	1.00	0.32	147.01	155.52	135.66	137.88	111.69	419.36	122.35	816.80	697.25	342.01

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
5237	ok	0.82						
5238	ok	0.58						
5239	ok	1.37						
5240	ok	1.65						
5241	ok	0.64						
5242	ok	0.53						
5243	ok	0.49						
5244	ok	0.63						
5245	ok	0.83						
5246	ok	1.06						
5247	ok	1.33						
5248	ok	1.42						
5249	ok	2.53						
5250	ok	1.47						
5251	ok	0.92						
5252	ok	0.85						
5253	ok	1.11						
5254	ok	0.88						
5255	ok	0.67						
5256	ok	1.35						
5257	ok	0.96						
5258	ok	0.71						
5259	ok	1.37						
5260	ok	0.93						
5261	ok	0.72						
5262	ok	2.04						
5263	ok	1.42						
5264	ok	1.50						
5265	ok	1.09						
5266	ok	2.75						
5267	ok	1.58						
5268	ok	1.45						
5269	ok	1.90						
5270	ok	2.32						
5271	ok	1.20						
5272	ok	1.09						
5273	ok	1.12						
5274	ok	1.32						
5275	ok	1.45						
5276	ok	1.54						
5277	ok Av	10.51	0.35	0.09	11.7	3.0	299.9	75.3
5278	ok	2.98						
5279	ok Av	9.12	0.31	0.05	10.3	1.5	263.7	39.2
5280	ok Av	14.12	0.33	0.40	10.8	13.4	276.7	342.2
5281	ok	3.64						
5282	ok	3.05						
5283	ok	2.64						
5284	ok	2.67						
5285	ok Av	9.55	0.08	0.33	2.7	10.8	69.9	276.1

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5286	ok	3.44						
5287	ok	2.45						
5288	ok	2.63						
5290	ok	1.68						
5291	ok	2.67						
5295	ok	3.29						
5296	ok	1.77						
5297	ok Av	5.28	0.07	0.17	2.4	5.5	61.1	140.3
5298	ok	2.77						
5299	ok Av	12.56	0.06	0.43	2.1	14.2	53.1	363.3
5300	ok	3.02						
5303	ok	1.49						
5304	ok	1.71						
5305	ok	1.89						
5311	ok	4.53						
5312	ok	3.69						
5313	ok	2.83						
5314	ok	2.33						
5315	ok	2.50						
5316	ok	1.85						
5317	ok	4.72						
5318	ok	1.69						
5319	ok	2.67						
5320	ok	1.64						
5322	ok	0.75						
5323	ok	0.83						
5324	ok	0.97						
5328	ok	1.17						
5329	ok	0.86						
5330	ok	0.68						
5331	ok	1.15						
5332	ok	0.84						
5333	ok	0.59						
5334	ok	1.13						
5335	ok	0.85						
5336	ok	0.59						
5337	ok	3.44						
5338	ok	1.37						
5339	ok	3.64						
5340	ok	3.54						
5341	ok	1.90						
5342	ok	1.53						
5343	ok	1.21						
5344	ok	1.17						
5345	ok	1.58						
5346	ok	1.64						
5347	ok	1.28						
5348	ok	1.34						
5351	ok	3.51						
5352	ok	1.28						
5353	ok	1.32						
5356	ok	0.99						
5357	ok	1.17						
5358	ok	0.84						
5359	ok	0.64						
5360	ok	0.58						
5361	ok	0.88						
5362	ok	0.63						
5363	ok	0.55						
5364	ok	0.84						
5381	ok	3.25						
5382	ok	1.54						
5383	ok	2.16						
5384	ok	1.80						
5393	ok Av	15.68	0.21	0.49	7.1	16.3	153.7	264.6
5394	ok	1.96						
5395	ok	3.04						
5396	ok	2.83						
5397	ok	2.67						
5398	ok	3.55						
5399	ok	3.02						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5400	ok	2.45						
5401	ok	1.90						
5402	ok	1.83						
5403	ok	1.76						
5404	ok	1.67						
5405	ok	2.38						
5406	ok	2.47						
5407	ok	2.42						
5408	ok	2.33						
5409	ok	2.22						
5410	ok	2.15						
5411	ok	2.09						
5412	ok	1.98						
5413	ok	1.23						
5414	ok	1.21						
5415	ok	2.64						
5416	ok	3.44						
5417	ok	3.80						
5418	ok	3.95						
5419	ok	1.11						
5420	ok	0.94						
5421	ok	1.52						
5422	ok	2.10						
5423	ok	0.0						
5424	ok	0.0						
5425	ok	1.57						
5426	ok	1.68						
5427	ok	0.0						
5428	ok	3.59						
5429	ok	2.14						
5430	ok	1.37						
5431	ok	2.16						
5432	ok	1.03						
5438	ok	1.95						
5439	ok	0.0						
5440	ok	1.12						
5441	ok	3.01						
5442	ok	0.0						
5443	ok	0.0						
5444	ok	0.0						
5445	ok	2.78						
5446	ok	0.0						
5447	ok	0.0						
5448	ok	0.0						
5449	ok	0.0						
5450	ok	0.0						
5451	ok	0.0						
5452	ok	2.21						
5453	ok Av	12.77	0.18	0.44	6.1	14.5	155.9	370.1
5454	ok	1.78						
5455	ok Av	7.72	0.19	0.23	6.3	7.5	147.2	167.2
5456	ok	5.43						
5457	ok Av	8.50	0.06	0.28	2.1	9.4	53.0	241.1
5458	ok	2.82						
5459	ok	1.96						
5460	ok	1.99						
5461	ok	3.18						
5462	ok Av	6.23	0.05	0.21	1.7	7.1	44.1	180.6
5463	ok	2.54						
5464	ok	2.41						
5465	ok	2.21						
5466	ok	1.12						
5467	ok	1.12						
5468	ok	3.52						
5469	ok	1.22						
5470	ok	1.00						
5471	ok	1.11						
5472	ok	1.25						
5473	ok	1.58						
5474	ok	1.11						
5475	ok	1.27						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5476	ok	1.09						
5480	ok	1.28						
5481	ok	1.69						
5482	ok	1.25						
5483	ok	1.17						
5484	ok	1.41						
5485	ok	1.52						
5486	ok	1.59						
5487	ok	1.65						
5488	ok	1.46						
5489	ok Av	13.74	0.47	0.15	15.5	5.0	395.8	127.8
5490	ok	2.00						
5491	ok Av	25.69	0.58	0.88	19.1	29.1	488.8	472.0
5492	ok Av	10.56	0.34	0.12	11.4	3.9	289.9	99.0
5493	ok	4.57						
5494	ok Av	7.44	0.10	0.25	3.4	8.4	87.6	214.7
5495	ok Av	31.94	0.89	0.63	29.7	20.9	757.4	533.0
5496	ok Av	7.14	0.18	0.17	6.0	5.6	151.9	143.7
5497	ok	3.42						
5498	ok	1.69						
5499	ok	1.98						
5500	ok	1.20						
5501	ok	1.05						
5502	ok	1.59						
5503	ok Av	11.66	0.33	0.32	11.0	10.5	280.2	267.9
5504	ok Av	6.03	0.20	0.04	6.7	1.2	172.3	30.6
5505	ok	1.66						
5506	ok	4.60						
5507	ok Av	11.13	0.37	0.17	12.2	5.5	311.2	140.3
5508	ok	2.53						
5509	ok	1.70						
5510	ok	1.15						
5511	ok	1.03						
5512	ok	3.06						
5513	ok	3.11						
5514	ok	1.50						
5515	ok	3.84						
5516	ok	1.99						
5518	ok	1.21						
5519	ok	1.16						
5520	ok	1.13						
5521	ok	1.10						
5522	ok	1.42						
5526	ok	1.37						
5527	ok	1.31						
5528	ok	1.24						
5529	ok	1.41						
5530	ok	1.63						
5531	ok	1.69						
5532	ok	1.21						
5533	ok	1.27						
5534	ok	1.27						
5535	ok	1.27						
5536	ok	1.42						
5537	ok	1.46						
5538	ok	2.76						
5539	ok	0.0						
5540	ok	1.24						
5550	ok	1.16						
5551	ok	1.92						
5552	ok	2.78						
5553	ok	0.0						
5554	ok	0.0						
5555	ok	0.0						
5556	ok	0.0						
5557	ok	2.11						
5558	ok	1.56						
5559	ok	1.26						
5560	ok	0.0						
5561	ok	0.0						
5562	ok	3.21						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5563	ok	0.75						
5565	ok	1.30						
5566	ok	1.71						
5567	ok	3.49						
5569	ok	0.72						
5570	ok	1.76						
5571	ok	1.30						
5572	ok	1.01						
5574	ok	0.70						
5575	ok Av	5.01	0.13	0.12	4.2	3.8	106.9	98.2
5576	ok	2.24						
5577	ok	1.21						
5578	ok	0.79						
5579	ok	0.63						
5580	ok	0.48						
5581	ok	0.52						
5582	ok	0.81						
5583	ok	0.54						
5584	ok	0.52						
5585	ok	0.62						
5586	ok	1.26						
5587	ok	1.02						
5588	ok	0.91						
5589	ok	1.98						
5590	ok	1.03						
5591	ok	1.34						
5592	ok	1.50						
5593	ok	2.70						
5594	ok	1.97						
5595	ok	2.23						
5596	ok	0.0						
5597	ok	0.0						
5600	ok	0.87						
5601	ok	1.24						
5608	ok	0.56						
5609	ok	0.44						
5610	ok	0.76						
5611	ok	1.13						
5612	ok	1.50						
5613	ok	2.53						
5614	ok	3.29						
5616	ok	0.67						
5617	ok	0.77						
5620	ok	1.23						
5621	ok	1.52						
5624	ok	1.09						
5625	ok	1.61						
5626	ok	2.40						
5637	ok Av	8.03	0.19	0.21	6.4	6.8	162.8	173.6
5638	ok	3.61						
5639	ok	1.49						
5648	ok	1.01						
5652	ok	0.0						
5653	ok	1.24						
5656	ok	1.28						
5657	ok	1.31						
5658	ok	1.96						
5659	ok	2.75						
5660	ok Av	6.53	0.20	0.11	6.5	3.5	167.0	89.5
5661	ok	0.0						
5662	ok	1.80						
5663	ok	2.32						
5664	ok	3.71						
5665	ok	4.40						
5666	ok	1.95						
5667	ok	2.70						
5668	ok	4.42						
5669	ok	0.0						
5670	ok	0.85						
5671	ok	0.68						
5672	ok	0.89						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5673	ok	0.84						
5674	ok	0.71						
5675	ok	0.68						
5676	ok	0.78						
5677	ok	0.79						
5678	ok	0.79						
5679	ok	0.43						
5680	ok	0.58						
5681	ok	0.72						
5683	ok Av	7.44	0.08	0.24	2.6	8.0	67.5	204.9
5684	ok	4.94						
5685	ok	1.28						
5686	ok	0.47						
5687	ok	0.46						
5688	ok	0.59						
5689	ok	0.41						
5690	ok	1.58						
5691	ok	0.80						
5692	ok	2.02						
5693	ok	0.37						
5694	ok	0.32						
5695	ok	0.31						
5696	ok	0.43						
5697	ok	0.59						
5698	ok	0.85						
5699	ok	1.18						
5700	ok	1.49						
5701	ok	1.36						
5702	ok	1.17						
5703	ok	0.96						
5704	ok	0.67						
5705	ok	0.54						
5706	ok	0.68						
5707	ok	1.00						
5708	ok	1.33						
5709	ok	1.86						
5710	ok	1.89						
5711	ok	1.57						
5712	ok	1.23						
5713	ok	0.91						
5714	ok	0.63						
5715	ok	0.77						
5716	ok	0.90						
5717	ok	1.04						
5718	ok	1.14						
5719	ok	0.60						
5720	ok	0.69						
5721	ok	0.77						
5722	ok	0.83						
5723	ok	0.54						
5724	ok	0.53						
5725	ok	0.57						
5726	ok	0.61						
5727	ok	0.77						
5728	ok	0.62						
5729	ok	0.50						
5730	ok	0.46						
5731	ok	1.02						
5732	ok	0.78						
5733	ok	0.58						
5734	ok	0.41						
5735	ok	1.25						
5736	ok	0.95						
5737	ok	0.69						
5738	ok	0.49						
5739	ok	1.44						
5740	ok	1.11						
5741	ok	0.82						
5742	ok	0.56						
5743	ok	1.89						
5744	ok	0.92						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5745	ok	1.81						
5746	ok	1.62						
5747	ok	1.37						
5748	ok	1.11						
5749	ok	2.33						
5750	ok	0.99						
5751	ok	2.25						
5752	ok	1.94						
5753	ok	1.60						
5754	ok	1.26						
5755	ok	2.76						
5756	ok	1.10						
5757	ok	2.70						
5758	ok	2.32						
5759	ok	1.86						
5760	ok	1.43						
5761	ok	0.0						
5762	ok	1.09						
5763	ok	4.31						
5764	ok	0.0						
5765	ok	4.20						
5766	ok	2.70						
5767	ok	1.79						
5768	ok	1.14						
5769	ok	1.64						
5770	ok	2.30						
5771	ok	3.16						
5772	ok	3.96						
5773	ok	0.0						
5774	ok	1.12						
5775	ok	0.0						
5776	ok	0.0						
5777	ok Av	5.36	0.13	0.13	4.4	4.3	113.5	108.8
5778	ok	3.06						
5779	ok	1.87						
5780	ok	1.07						
5781	ok	1.86						
5782	ok	3.03						
5783	ok Av	6.25	0.20	0.13	6.5	4.2	165.6	106.0
5784	ok	0.0						
5785	ok	0.51						
5786	ok	2.70						
5787	ok	0.45						
5788	ok	2.06						
5789	ok	1.74						
5790	ok	1.34						
5791	ok	1.02						
5792	ok	0.74						
5793	ok	1.68						
5794	ok	1.30						
5795	ok	0.98						
5796	ok	0.68						
5797	ok	3.13						
5798	ok	2.72						
5799	ok	0.49						
5800	ok	3.47						
5801	ok	1.63						
5802	ok	1.54						
5803	ok	2.45						
5804	ok	2.71						
5805	ok	1.76						
5806	ok	1.36						
5807	ok	1.01						
5808	ok	0.70						
5809	ok	1.00						
5810	ok	1.81						
5811	ok	0.84						
5812	ok	0.79						
5813	ok	1.94						
5814	ok	2.13						
5815	ok	2.08						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5816	ok	2.03						
5817	ok	1.60						
5818	ok	1.36						
5819	ok	2.80						
5820	ok	2.34						
5821	ok	1.14						
5822	ok	0.86						
5823	ok	1.33						
5824	ok	1.46						
5825	ok	1.33						
5826	ok	1.07						
5827	ok	2.02						
5828	ok	0.0						
5829	ok	0.56						
5830	ok	0.0						
5831	ok	0.0						
5832	ok	2.23						
5833	ok	3.26						
5834	ok Av	6.39	0.17	0.14	5.7	4.6	144.5	118.1
5835	ok	0.0						
5836	ok	2.46						
5837	ok	1.64						
5838	ok	2.53						
5839	ok	3.89						
5840	ok	1.18						
5841	ok	1.05						
5842	ok	1.12						
5843	ok	0.71						
5844	ok	0.79						
5845	ok	0.77						
5846	ok	0.96						
5855	ok	0.47						
5856	ok	2.23						
5857	ok	0.51						
5862	ok	0.68						
5863	ok	0.31						
5869	ok	1.02						
5870	ok	0.90						
5871	ok	0.64						
5876	ok	0.88						
5878	ok	0.62						
5879	ok	0.91						
5880	ok	1.31						
5881	ok	0.79						
5882	ok	0.61						
5888	ok	0.91						
5889	ok Av	5.79	0.16	0.15	5.2	4.9	133.8	124.6
5895	ok	0.0						
5896	ok	1.94						
5902	ok	0.91						
5903	ok	0.67						
5909	ok	0.53						
5910	ok	1.87						
5911	ok	0.89						
5912	ok	0.82						
5913	ok	0.81						
5920	ok	0.0						
5926	ok	1.31						
5933	ok	0.44						
5935	ok	3.26						
5942	ok	2.01						
5943	ok	1.40						
5944	ok	0.98						
5945	ok Av	6.68	0.14	0.20	4.6	6.7	118.3	171.4
5951	ok	1.08						
5952	ok	0.0						
5958	ok	1.33						
5959	ok	0.76						
5960	ok	1.05						
5961	ok	3.19						
5962	ok	2.69						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5963	ok	0.0						
5968	ok	4.49						
5969	ok	3.93						
5974	ok	0.58						
5975	ok	1.23						
5976	ok	2.47						
5977	ok	2.58						
5978	ok	1.93						
5983	ok	0.76						
5984	ok	1.83						
5985	ok	2.04						
5986	ok	1.58						
5991	ok	0.47						
5992	ok	1.60						
5993	ok	1.68						
5994	ok	1.46						
5995	ok	1.31						
5999	ok	0.0						
6000	ok	0.0						
6005	ok	0.71						
6006	ok	0.95						
6007	ok	0.46						
6008	ok	0.72						
6009	ok	1.11						
6010	ok	1.63						
6011	ok	2.44						
6012	ok	0.0						
6013	ok	0.0						
6014	ok	1.13						
6015	ok	1.08						
6016	ok	1.17						
6017	ok	0.84						
6021	ok	0.83						
6022	ok	0.75						
6023	ok	0.96						
6024	ok	0.56						
6025	ok	0.68						
6028	ok	0.54						
6029	ok	0.44						
6030	ok	0.51						
6031	ok	0.72						
6032	ok	0.95						
6033	ok	0.94						
6035	ok	0.40						
6036	ok	0.48						
6037	ok	0.73						
6038	ok	0.60						
6039	ok	1.33						
6040	ok	1.51						
6042	ok	0.37						
6043	ok	0.57						
6044	ok	0.93						
6045	ok	1.18						
6046	ok	1.76						
6047	ok	3.13						
6048	ok	0.0						
6049	ok	0.43						
6050	ok	0.69						
6051	ok	1.04						
6052	ok	1.53						
6053	ok	2.07						
6054	ok	3.60						
6055	ok Av	6.19	0.11	0.21	3.5	7.0	90.1	178.8
6056	ok	0.46						
6057	ok	0.74						
6058	ok	1.13						
6059	ok	1.65						
6060	ok	2.44						
6061	ok	3.78						
6062	ok	0.0						
6063	ok	1.09						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6064	ok	0.0						
6065	ok	0.41						
6066	ok	0.62						
6067	ok	0.89						
6068	ok	1.30						
6069	ok	1.77						
6070	ok	4.87						
6071	ok	2.24						
6072	ok	0.44						
6073	ok	0.66						
6074	ok	1.03						
6075	ok	1.52						
6076	ok	2.19						
6077	ok	4.43						
6078	ok	0.0						
6079	ok	3.19						
6080	ok	3.30						
6081	ok	4.08						
6082	ok	0.78						
6083	ok	0.85						
6084	ok	0.93						
6085	ok	1.31						
6086	ok	3.98						
6087	ok	1.00						
6088	ok	0.54						
6089	ok	0.74						
6090	ok	1.45						
6091	ok	0.81						
6092	ok Av	5.93	0.20	0.06	6.6	2.0	169.2	50.7
6093	ok	1.89						
6094	ok	3.23						
6096	ok	1.75						
6097	ok	2.97						
6098	ok	3.13						
6099	ok	0.61						
6100	ok	0.92						
6103	ok	4.86						
6104	ok	0.67						
6105	ok	0.58						
6106	ok	0.49						
6107	ok	0.78						
6108	ok	3.37						
6109	ok	4.88						
6110	ok	3.59						
6111	ok	3.98						
6112	ok	0.82						
6113	ok	2.73						
6114	ok	3.33						
6115	ok	3.09						
6117	ok	0.74						
6118	ok	1.72						
6119	ok	2.84						
6123	ok Av	15.81	0.20	0.52	6.7	17.3	172.2	441.7
6124	ok Av	7.17	0.02	0.24	0.6	8.1	14.9	207.9
6125	ok	3.04						
6126	ok	3.48						
6128	ok	3.88						
6129	ok	4.16						
6130	ok	4.31						
6131	ok	4.85						
6134	ok	0.50						
6135	ok	0.87						
6136	ok	0.43						
6137	ok	1.13						
6138	ok	0.75						
6139	ok	1.76						
6140	ok	4.22						
6141	ok	1.12						
6142	ok	0.73						
6143	ok	0.79						
6144	ok	1.42						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6146	ok	0.95						
6147	ok	1.54						
6149	ok	0.96						
6150	ok	1.75						
6151	ok	2.02						
6152	ok	0.79						
6153	ok	1.08						
6154	ok	0.0						
6155	ok	1.52						
6156	ok	1.08						
6157	ok	2.72						
6158	ok	1.84						
6159	ok	1.24						
6160	ok	0.59						
6161	ok	0.98						
6162	ok	2.97						
6163	ok	0.76						
6164	ok	0.57						
6165	ok	0.68						
6166	ok	0.44						
6167	ok	0.93						
6168	ok	0.91						
6169	ok	1.71						
6170	ok	2.64						
6171	ok	2.19						
6172	ok	0.0						
6173	ok	2.41						
6174	ok	0.0						
6175	ok	1.04						
6176	ok	0.93						
6177	ok	1.19						
6178	ok	1.20						
6179	ok	2.47						
6180	ok	1.13						
6181	ok	1.03						
6182	ok	0.45						
6183	ok	3.12						
6184	ok	2.46						
6185	ok	1.44						
6186	ok	1.01						
6187	ok	0.68						
6188	ok	0.56						
6189	ok	0.82						
6190	ok	1.17						
6191	ok	1.12						
6192	ok	1.04						
6193	ok	0.85						
6194	ok	0.63						
6195	ok	0.46						
6196	ok	0.35						
6197	ok	0.39						
6198	ok	0.44						
6199	ok	0.47						
6200	ok	0.74						
6201	ok	1.14						
6202	ok	1.64						
6203	ok	0.87						
6204	ok	0.88						
6205	ok	0.86						
6206	ok	0.65						
6207	ok	0.65						
6208	ok	0.60						
6209	ok	0.51						
6210	ok	0.53						
6211	ok	0.59						
6212	ok	0.48						
6213	ok	0.65						
6214	ok	0.80						
6215	ok	0.59						
6216	ok	0.83						
6217	ok	1.10						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6218	ok	0.68						
6219	ok	1.00						
6220	ok	1.46						
6221	ok	0.74						
6222	ok	1.10						
6223	ok	1.64						
6224	ok	1.44						
6225	ok	1.15						
6226	ok	1.44						
6227	ok	1.30						
6228	ok	1.15						
6229	ok	1.91						
6230	ok	1.25						
6231	ok	1.88						
6232	ok	1.51						
6233	ok	1.20						
6234	ok	1.57						
6235	ok	2.69						
6236	ok	2.03						
6237	ok	1.25						
6238	ok	2.03						
6239	ok	1.14						
6240	ok	2.41						
6241	ok	0.0						
6242	ok	0.78						
6243	ok	0.0						
6244	ok	0.66						
6245	ok	0.52						
6246	ok	0.81						
6247	ok	1.25						
6248	ok	1.94						
6249	ok	2.91						
6250	ok Av	5.09	0.17	0.04	5.7	1.4	144.5	36.2
6251	ok	0.77						
6252	ok	0.0						
6253	ok	0.64						
6254	ok	0.46						
6255	ok	0.82						
6256	ok	1.21						
6257	ok	2.13						
6258	ok	4.67						
6259	ok	0.0						
6260	ok	0.87						
6261	ok	0.0						
6262	ok	0.69						
6263	ok	0.50						
6264	ok	0.84						
6265	ok	1.44						
6266	ok	1.85						
6267	ok	3.82						
6268	ok	0.0						
6269	ok	1.03						
6270	ok	0.0						
6271	ok	0.77						
6272	ok	0.52						
6273	ok	0.81						
6274	ok	1.19						
6275	ok	2.17						
6276	ok	2.97						
6277	ok	0.0						
6278	ok	1.06						
6279	ok	1.32						
6280	ok	0.89						
6281	ok	0.92						
6282	ok	1.29						
6283	ok	1.83						
6284	ok	1.08						
6285	ok	1.17						
6286	ok	1.09						
6287	ok	1.13						
6288	ok	0.81						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6289	ok	0.56						
6290	ok	0.48						
6291	ok	0.65						
6292	ok	0.82						
6293	ok	1.00						
6294	ok	1.11						
6295	ok	0.84						
6296	ok	0.54						
6297	ok	0.85						
6298	ok	0.84						
6299	ok	0.61						
6300	ok	0.63						
6301	ok	0.41						
6302	ok	0.45						
6303	ok	0.47						
6304	ok	0.32						
6305	ok	0.58						
6306	ok	0.40						
6307	ok	0.70						
6308	ok	0.47						
6309	ok	0.79						
6310	ok	0.52						
6311	ok	1.38						
6312	ok	1.31						
6313	ok	1.43						
6314	ok	2.62						
6315	ok	0.0						
6316	ok	2.76						
6317	ok	2.63						
6318	ok	0.0						
6319	ok	0.0						
6320	ok	2.02						
6321	ok	1.86						
6322	ok	1.86						
6323	ok	0.93						
6324	ok	1.02						
6325	ok	2.27						
6326	ok	2.81						
6327	ok	0.91						
6328	ok	1.08						
6329	ok	1.12						
6330	ok	1.50						
6331	ok	1.29						
6332	ok	1.71						
6333	ok	0.78						
6334	ok	0.97						
6335	ok	0.77						
6336	ok	1.02						
6337	ok	0.73						
6338	ok	0.71						
6339	ok	0.70						
6340	ok	0.71						
6341	ok	0.97						
6342	ok	0.94						
6343	ok	0.93						
6344	ok	0.93						
6345	ok	0.67						
6346	ok	0.61						
6347	ok	0.60						
6348	ok	0.59						
6349	ok	0.59						
6350	ok	0.61						
6351	ok	1.55						
6352	ok	0.79						
6353	ok	0.98						
6354	ok	1.25						
6355	ok	1.21						
6356	ok	0.66						
6357	ok	0.80						
6358	ok	0.99						
6359	ok	0.58						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6360	ok	1.63						
6361	ok	1.31						
6362	ok	1.91						
6363	ok	0.65						
6364	ok	0.87						
6365	ok	1.07						
6366	ok	1.70						
6367	ok	0.96						
6368	ok	1.17						
6369	ok	1.53						
6370	ok	0.0						
6371	ok	0.80						
6372	ok	2.00						
6373	ok	2.69						
6374	ok	3.53						
6375	ok	0.0						
6376	ok	1.12						
6377	ok	0.75						
6378	ok	0.59						
6379	ok	0.63						
6380	ok	0.98						
6381	ok	1.36						
6382	ok	0.78						
6383	ok	0.48						
6384	ok	0.72						
6385	ok	0.51						
6386	ok	0.73						
6387	ok	0.60						
6388	ok	0.54						
6389	ok	0.78						
6390	ok	0.0						
6391	ok	4.95						
6392	ok	0.0						
6393	ok	0.0						
6394	ok Av	7.89	6.76e-03	0.27	0.2	9.0	5.7	228.9
6395	ok Av	6.35	1.37e-03	0.22	4.55e-02	7.2	1.2	184.2
6396	ok	0.94						
6397	ok	0.0						
6398	ok	1.78						
6399	ok	1.07						
6583	ok Av	9.21	0.31	0.10	10.4	3.4	266.5	87.8
6584	ok Av	5.78	0.17	0.13	5.6	4.4	142.9	111.2
6585	ok	1.49						
6586	ok	1.04						
6587	ok	0.89						
6588	ok	0.75						
6589	ok	0.86						
6595	ok	0.88						
6597	ok	1.58						
6598	ok Av	8.67	0.29	0.07	9.8	2.4	249.2	61.1
6599	ok Av	10.15	0.25	0.24	8.4	7.9	215.6	200.5
6606	ok Av	11.83	0.20	0.35	6.7	11.6	171.7	297.2
6610	ok	0.55						
6614	ok	0.34						
6615	ok	0.47						
6616	ok	0.53						
6617	ok	0.86						
6618	ok	0.0						
6619	ok	1.53						
6620	ok	0.92						
6621	ok	0.51						
6622	ok	0.0						
6623	ok	0.0						
6658	ok	1.74						
6659	ok	1.55						
6660	ok	1.70						
6661	ok	1.73						
6662	ok	2.36						
6663	ok	1.96						
6664	ok	2.23						
6665	ok	2.46						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6666	ok	0.0						
6667	ok	1.15						
6668	ok	1.71						
6669	ok	0.0						
6670	ok	1.09						
6671	ok	0.97						
6672	ok	1.27						
6673	ok	0.75						
6674	ok	0.78						
6675	ok	1.14						
6676	ok	0.94						
6677	ok	0.90						
6678	ok	1.24						
6679	ok	1.55						
6680	ok	0.98						
6681	ok	1.31						
6682	ok	0.0						
6683	ok	4.56						
6684	ok Av	6.62	0.05	0.22	1.6	7.4	40.9	189.6
6685	ok	0.0						
6686	ok	0.0						
6687	ok	0.95						
6688	ok	3.08						
6689	ok	0.0						
6690	ok	0.0						
6730	ok	0.58						
6733	ok	0.41						
6734	ok	0.50						
6737	ok	0.32						
6738	ok	0.45						
6741	ok	0.55						
6742	ok	0.63						
6745	ok	0.55						
6746	ok	0.46						
6749	ok	0.43						
6750	ok	0.47						
6753	ok	0.60						
6754	ok	0.47						
6757	ok	0.36						
6758	ok	0.34						
6759	ok	0.55						
6760	ok	0.66						
6767	ok	0.60						
6768	ok	0.52						
6769	ok	0.46						
6770	ok	0.56						
6773	ok	0.73						
6774	ok	1.56						
6777	ok	1.44						
6778	ok	1.25						
6781	ok	2.21						
6782	ok	1.93						
6785	ok	1.47						
6786	ok	3.68						
6789	ok	2.84						
6790	ok	2.10						
6793	ok	0.0						
6794	ok	3.69						
6797	ok	2.20						
6798	ok	0.84						
6801	ok	1.05						
6802	ok	0.0						
6805	ok	1.32						
6806	ok	1.08						
6810	ok	0.52						
6814	ok	0.74						
6817	ok	1.26						
6818	ok	3.38						
6821	ok	0.67						
6822	ok	1.13						
6826	ok Av	19.62	0.10	0.67	3.3	22.3	84.7	569.0

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6829	ok Av	9.66	0.05	0.33	1.8	11.0	46.2	280.1
6830	ok Av	31.40	0.30	1.00	9.9	35.7	252.3	875.1
6834	ok	1.07						
6835	ok	1.21						
6836	ok	1.29						
6837	ok	1.53						
6838	ok	2.01						
6839	ok	1.54						
6840	ok	0.87						
6841	ok	0.92						
6842	ok	0.71						
6843	ok	0.67						
6844	ok	1.55						
6845	ok	0.0						
6846	ok	1.59						
6847	ok	0.81						
6848	ok	0.91						
6849	ok	0.81						
6850	ok	1.19						
6851	ok	1.04						
6852	ok	1.90						
6853	ok	1.07						
6854	ok	4.35						
6855	ok	0.40						
6856	ok	0.0						
6857	ok	2.54						
6858	ok Av	8.55	0.16	0.28	5.2	9.2	133.4	233.6
6859	ok Av	8.88	0.09	0.29	2.9	9.6	74.8	246.4
6860	ok	0.45						
6863	ok	0.93						
6864	ok	3.12						
6866	ok	3.10						
6867	ok	0.70						
6869	ok	0.63						
6870	ok	0.71						
6871	ok	0.54						
6873	ok	0.55						
6874	ok	0.79						
6875	ok	1.28						
6878	ok	1.18						
6879	ok	1.01						
6880	ok	0.85						
6881	ok	0.62						
6882	ok	0.97						
6885	ok	0.92						
6887	ok	0.82						
6888	ok	0.68						
6889	ok	0.0						
6890	ok	0.0						
6891	ok	0.52						
6892	ok	1.62						
6893	ok	3.55						
6894	ok	0.76						
6895	ok	0.50						
6896	ok	0.99						
6897	ok	3.51						
6898	ok	2.18						
6899	ok	1.65						
6900	ok	2.45						
6901	ok	1.70						
6902	ok	1.51						
6903	ok	1.76						
6904	ok	1.28						
6905	ok	1.25						
6906	ok	1.05						
6907	ok	1.15						
6908	ok	0.93						
6911	ok	0.0						
6912	ok	1.22						
6913	ok	3.27						
6914	ok	2.39						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6916	ok	1.09						
6917	ok	1.69						
6919	ok	3.00						
6920	ok	2.84						
6921	ok	2.02						
6922	ok	3.17						
6923	ok	4.59						
6924	ok	0.0						
6925	ok	1.46						
6926	ok	2.23						
6927	ok	3.85						
6928	ok	0.0						
6929	ok	3.57						
6930	ok	1.17						
6931	ok	1.67						
6932	ok	2.61						
6933	ok	3.55						
6934	ok	2.70						
6935	ok	1.03						
6936	ok	1.52						
6937	ok	2.08						
6938	ok	2.56						
6939	ok	0.0						
6940	ok	1.56						
6941	ok	2.31						
6942	ok	2.09						
6943	ok	0.84						
6944	ok	1.23						
6945	ok	3.43						
6946	ok	0.0						
6947	ok	0.0						
6948	ok	0.73						
6949	ok	0.81						
6950	ok	4.48						
6952	ok	0.99						
6953	ok	1.14						
6954	ok	1.50						
6955	ok	1.71						
6956	ok	0.0						
6957	ok Av	18.10	0.57	0.43	18.8	14.1	478.8	361.2
6960	ok Av	6.71	0.08	0.22	2.8	7.2	71.6	184.9
6961	ok	0.0						
6962	ok	0.84						
6963	ok Av	5.06	0.04	0.17	1.3	5.6	32.5	143.1
6964	ok	0.55						
6965	ok Av	5.96	0.06	0.20	2.0	6.5	51.2	166.6
6966	ok	1.01						
6967	ok	2.89						
6968	ok	1.15						
6969	ok	0.0						
6970	ok	2.69						
6971	ok	2.81						
6972	ok	2.47						
6973	ok	1.65						
6974	ok	1.14						
6975	ok	0.0						
6976	ok	0.0						
6977	ok	3.01						
6978	ok	1.79						
6979	ok	1.25						
6980	ok	0.83						
6981	ok	0.92						
6982	ok	1.06						
6983	ok	1.12						
6984	ok	0.88						
6985	ok	0.79						
6986	ok	0.68						
6987	ok	2.29						
6988	ok	1.05						
6989	ok	1.42						
6990	ok	0.77						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6991	ok	0.64						
6992	ok	0.60						
6993	ok	0.86						
6994	ok	2.06						
6995	ok	1.18						
6996	ok	3.85						
6997	ok Av	10.57	0.30	0.24	10.0	7.9	254.5	200.7
6998	ok	0.65						
6999	ok	4.57						
7000	ok	2.99						
7001	ok	1.01						
7002	ok	0.98						
7003	ok	1.25						
7017	ok	1.61						
7018	ok	1.89						
7019	ok	1.12						
7020	ok	0.65						
7021	ok	0.77						
7022	ok	0.95						
7023	ok	3.57						
7024	ok	1.07						
7026	ok	1.54						
7027	ok	1.68						
7028	ok	4.57						
7029	ok Av	5.56	0.05	0.18	1.7	6.1	44.1	155.2
7030	ok	0.52						
7031	ok	0.50						
7032	ok	0.50						
7033	ok	0.50						
7034	ok	0.53						
7035	ok	0.80						
7036	ok	0.69						
7037	ok	0.56						
7038	ok	1.85						
7039	ok	2.04						
7040	ok	1.97						
7041	ok	1.69						
7042	ok	1.44						
7043	ok	1.08						
7044	ok	1.23						
7045	ok	1.41						
7046	ok	1.48						
7047	ok	1.38						
7048	ok	1.23						
7049	ok	0.97						
7050	ok	0.70						
7051	ok	0.89						
7052	ok	1.04						
7053	ok	1.16						
7054	ok	1.16						
7055	ok	1.09						
7056	ok	0.90						
7057	ok	0.44						
7058	ok	0.61						
7059	ok	0.48						
7060	ok	1.29						
7061	ok	0.46						
7062	ok	1.28						
7063	ok	1.20						
7064	ok	1.07						
7065	ok	0.89						
7066	ok	0.69						
7067	ok	0.51						
7068	ok	0.36						
7069	ok	0.57						
7070	ok	0.40						
7071	ok	0.36						
7072	ok	0.42						
7073	ok	0.47						
7074	ok	0.49						
7075	ok	0.50						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7076	ok	0.60						
7077	ok	0.90						
7078	ok	0.46						
7079	ok	0.38						
7080	ok	0.33						
7081	ok	0.38						
7082	ok	0.35						
7083	ok	0.49						
7084	ok	0.44						
7085	ok	0.64						
7086	ok	0.54						
7087	ok	0.77						
7088	ok	0.59						
7089	ok	0.86						
7090	ok	0.61						
7091	ok	0.91						
7092	ok	0.0						
7093	ok	0.53						
7094	ok	0.0						
7095	ok	4.73						
7096	ok	2.72						
7097	ok	1.89						
7098	ok	1.29						
7099	ok	0.93						
7100	ok	0.67						
7101	ok	0.50						
7102	ok	0.46						
7103	ok	0.43						
7104	ok	0.43						
7105	ok	1.77						
7106	ok	2.44						
7107	ok	3.48						
7108	ok	0.0						
7109	ok	0.48						
7110	ok	0.57						
7111	ok	0.65						
7112	ok	0.69						
7113	ok	0.64						
7114	ok	0.78						
7115	ok	0.88						
7116	ok	0.94						
7117	ok	0.89						
7118	ok	1.08						
7119	ok	1.24						
7120	ok	1.31						
7121	ok	1.16						
7122	ok	1.44						
7123	ok	1.70						
7124	ok	1.86						
7125	ok	1.42						
7126	ok	1.82						
7127	ok	2.33						
7128	ok	2.80						
7129	ok	1.64						
7130	ok	2.29						
7131	ok	3.54						
7132	ok	4.25						
7133	ok	1.77						
7134	ok	2.52						
7135	ok	4.14						
7136	ok	0.0						
7137	ok	0.0						
7138	ok	0.58						
7139	ok	0.0						
7140	ok	4.24						
7141	ok	2.66						
7142	ok	1.67						
7143	ok	1.20						
7144	ok	0.85						
7145	ok	0.60						
7146	ok	1.55						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7147	ok	0.97						
7148	ok	1.52						
7149	ok	1.37						
7150	ok	1.13						
7151	ok	0.86						
7152	ok	0.65						
7153	ok	0.47						
7154	ok	0.72						
7155	ok	0.81						
7156	ok	0.68						
7157	ok	3.11						
7158	ok	2.05						
7159	ok	0.49						
7160	ok	0.60						
7161	ok	0.72						
7162	ok	0.57						
7163	ok	1.03						
7164	ok	0.84						
7165	ok	1.44						
7166	ok	1.13						
7167	ok	1.98						
7168	ok	1.49						
7169	ok	2.96						
7170	ok	1.94						
7171	ok	4.19						
7172	ok	2.16						
7173	ok	0.0						
7174	ok	3.19						
7175	ok	1.80						
7176	ok	1.59						
7177	ok	1.97						
7178	ok	1.98						
7179	ok	1.38						
7180	ok	1.25						
7181	ok	0.0						
7182	ok	4.13						
7183	ok	0.0						
7184	ok	0.0						
7185	ok	0.0						
7186	ok	0.0						
7187	ok Av	13.77	0.45	0.14	14.9	4.7	381.3	121.1
7189	ok	0.0						
7190	ok	0.0						
7191	ok	0.43						
7192	ok	0.61						
7193	ok	0.0						
7194	ok	0.84						
7195	ok Av	8.48	0.29	0.03	9.6	1.0	244.5	26.1
7196	ok	0.68						
7197	ok	0.0						
7198	ok	0.0						
7199	ok	0.69						
7200	ok	0.75						
7202	ok	0.81						
7203	ok	2.84						
7204	ok	0.38						
7206	ok	0.68						
7207	ok	0.86						
7208	ok	0.51						
7209	ok	0.99						
7210	ok	0.36						
7211	ok	1.24						
7212	ok	0.27						
7214	ok	1.48						
7216	ok	0.50						
7217	ok	0.32						
7218	ok	0.38						
7219	ok	0.47						
7220	ok	0.70						
7221	ok	0.49						
7222	ok	0.67						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7223	ok	0.0						
7224	ok	0.96						
7225	ok Av	6.82	0.23	0.05	7.6	1.5	193.9	39.0
7226	ok	1.23						
7227	ok	0.80						
7228	ok	1.41						
7229	ok	3.72						
7230	ok	0.62						
7232	ok	0.71						
7234	ok	0.63						
7235	ok	0.64						
7236	ok	0.61						
7238	ok	0.61						
7239	ok	0.0						
7240	ok	1.65						
7241	ok	0.0						
7242	ok	0.0						
7243	ok	3.38						
7244	ok	2.13						
7245	ok	4.26						
7246	ok	3.81						
7247	ok	4.31						
7248	ok	3.24						
7249	ok	2.31						
7250	ok	0.75						
7251	ok	2.24						
7252	ok	1.35						
7253	ok	2.24						
7254	ok	3.44						
7255	ok	1.18						
7256	ok	1.38						
7257	ok	1.61						
7258	ok	1.88						
7259	ok	0.93						
7260	ok	1.04						
7261	ok	0.64						
7262	ok	0.59						
7263	ok	0.81						
7264	ok	0.68						
7265	ok	0.62						
7266	ok	0.91						
7267	ok	1.81						
7268	ok	2.19						
7269	ok	1.26						
7270	ok	1.49						
7271	ok	2.50						
7272	ok	3.41						
7273	ok	2.85						
7274	ok	0.0						
7275	ok	2.89						
7276	ok	0.0						
7277	ok	2.04						
7278	ok	3.70						
7279	ok	3.21						
7280	ok	0.0						
7281	ok	1.52						
7282	ok	0.72						
7283	ok	1.39						
7284	ok	2.92						
7285	ok	1.31						
7286	ok	4.21						
7287	ok	1.43						
7288	ok	1.56						
7289	ok	3.13						
7290	ok	2.78						
7291	ok	0.80						
7292	ok Av	9.12	0.31	0.06	10.3	2.0	262.9	50.6
7293	ok	2.95						
7294	ok	0.67						
7295	ok	0.60						
7297	ok	0.78						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7298	ok	0.60						
7299	ok Av	9.62	0.32	0.06	10.7	2.1	273.6	54.7
7301	ok	0.0						
7302	ok	1.69						
7305	ok Av	10.26	0.34	0.07	11.4	2.3	291.7	57.9
7306	ok Av	5.75	0.19	0.04	6.4	1.3	163.5	33.1
7307	ok	4.91						
7310	ok	0.64						
7313	ok	2.44						
7314	ok	0.0						
7315	ok	0.0						
7316	ok	0.56						
7319	ok	0.0						
7320	ok	0.69						
7323	ok	3.29						
7324	ok	0.74						
7325	ok	2.28						
7326	ok Av	6.07	0.17	0.13	5.5	4.2	139.9	107.0
7328	ok	3.33						
7329	ok	0.84						
7330	ok	1.30						
7331	ok	0.0						
7332	ok	0.0						
7333	ok	0.0						
7334	ok	0.0						
7335	ok	0.0						
7336	ok	0.0						
7337	ok	2.47						
7338	ok	3.13						
7339	ok	2.09						
7340	ok	2.33						
7341	ok	4.44						
7342	ok	2.38						
7343	ok	1.11						
7344	ok	0.81						
7345	ok	1.55						
7346	ok	0.91						
7347	ok	0.72						
7348	ok	1.18						
7349	ok	0.90						
7350	ok	0.78						
7351	ok	0.64						
7352	ok	0.70						
7353	ok	0.52						
7354	ok	0.53						
7355	ok	0.43						
7356	ok	0.46						
7357	ok	0.58						
7358	ok	1.40						
7359	ok	1.06						
7360	ok	1.67						
7361	ok	1.98						
7362	ok	2.17						
7363	ok	1.57						
7364	ok	1.86						
7365	ok	0.71						
7366	ok	1.05						
7367	ok	1.11						
7368	ok	0.55						
7369	ok	0.75						
7370	ok Av	8.90	0.30	0.06	9.9	2.0	252.9	51.9
7371	ok	0.0						
7372	ok	0.0						
7373	ok	0.0						
7374	ok Av	12.84	0.44	0.06	14.5	2.1	371.1	54.9
7375	ok	0.44						
7379	ok	0.83						
7381	ok	0.80						
7383	ok	3.08						
7385	ok	4.38						
7386	ok	3.26						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7387	ok	0.0						
7388	ok	0.0						
7389	ok	0.0						
7390	ok	3.40						
7391	ok	1.66						
7392	ok	1.64						
7393	ok	4.08						
7394	ok	2.96						
7395	ok	0.35						
7396	ok	1.12						
7397	ok	0.75						
7398	ok	0.74						
7399	ok	1.10						
7400	ok	0.86						
7401	ok	1.27						
7402	ok	1.45						
7403	ok	1.56						
7404	ok	1.45						
7405	ok	1.05						
7406	ok	0.77						
7407	ok	0.61						
7408	ok	4.38						
7409	ok	1.48						
7410	ok	0.0						
7411	ok	0.0						
7412	ok	3.39						
7413	ok	0.0						
7414	ok Av	7.45	0.25	0.05	8.3	1.6	212.2	39.8
7415	ok	4.34						
7416	ok	2.58						
7417	ok	2.21						
7419	ok Av	5.42	0.17	0.09	5.7	3.0	146.1	77.2
7423	ok	3.65						
7425	ok	4.10						
7426	ok	0.48						
7427	ok	1.79						
7428	ok	1.03						
7429	ok	1.52						
7430	ok	2.89						
7431	ok	0.0						
7432	ok	0.0						
7433	ok	0.0						
7434	ok	3.65						
7435	ok	0.56						
7436	ok	0.71						
7437	ok	1.11						
7438	ok	1.65						
7439	ok	2.27						
7440	ok	3.13						
7441	ok	3.69						
7442	ok	2.50						
7443	ok	1.85						
7444	ok	1.40						
7445	ok	1.07						
7446	ok	0.66						
7447	ok	0.68						
7448	ok	0.83						
7449	ok	0.89						
7450	ok	0.88						
7451	ok	0.73						
7452	ok	0.65						
7453	ok	0.69						
7454	ok	0.73						
7455	ok	0.71						
7456	ok	0.59						
7457	ok	1.01						
7458	ok	0.90						
7459	ok	0.80						
7460	ok	0.70						
7461	ok	0.54						
7462	ok	1.43						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7463	ok	1.19						
7464	ok	0.99						
7465	ok	0.81						
7466	ok	0.57						
7467	ok	1.87						
7468	ok	1.48						
7469	ok	1.17						
7470	ok	0.93						
7471	ok	0.61						
7472	ok	2.27						
7473	ok	1.71						
7474	ok	1.32						
7475	ok	1.01						
7476	ok	0.64						
7477	ok	2.51						
7478	ok	1.85						
7479	ok	1.40						
7480	ok	1.07						
7481	ok	0.66						
7482	ok	0.0						
7483	ok	0.48						
7484	ok	0.75						
7485	ok	1.15						
7486	ok	1.77						
7487	ok	2.57						
7488	ok	4.25						
7489	ok Av	5.52	0.18	0.10	6.1	3.2	154.7	81.4
7490	ok	0.60						
7491	ok	0.0						
7492	ok	0.71						
7493	ok	0.56						
7494	ok	0.88						
7495	ok	1.34						
7496	ok	2.01						
7497	ok	3.03						
7498	ok	4.71						
7499	ok	0.0						
7500	ok	0.0						
7501	ok	0.49						
7502	ok	0.82						
7503	ok	1.25						
7504	ok	1.93						
7505	ok	2.90						
7506	ok Av	5.12	0.08	0.17	2.8	5.7	71.1	146.5
7507	ok	0.0						
7508	ok	0.51						
7509	ok	0.40						
7510	ok	0.44						
7511	ok	0.52						
7512	ok	2.22						
7513	ok	0.40						
7514	ok	0.59						
7515	ok	0.93						
7516	ok	1.28						
7517	ok	1.62						
7518	ok	1.95						
7519	ok	2.17						
7520	ok	3.12						
7521	ok	4.59						
7522	ok	0.0						
7523	ok	0.48						
7524	ok	0.54						
7525	ok	0.58						
7526	ok	0.76						
7527	ok	0.87						
7528	ok	0.90						
7529	ok	1.15						
7530	ok	1.30						
7531	ok	1.36						
7532	ok	1.58						
7533	ok	1.84						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7534	ok	2.00						
7535	ok	2.05						
7536	ok	2.59						
7537	ok	2.98						
7538	ok	2.70						
7539	ok	4.08						
7540	ok Av	5.03	0.09	0.15	2.8	5.0	72.3	126.9
7541	ok	3.12						
7542	ok Av	5.11	0.17	0.09	5.6	2.8	141.9	72.0
7543	ok	0.0						
7544	ok	0.85						
7545	ok	1.30						
7546	ok	0.66						
7547	ok	0.59						
7548	ok	0.44						
7549	ok	0.59						
7550	ok	0.83						
7551	ok	1.02						
7552	ok	1.18						
7553	ok	1.28						
7554	ok	1.70						
7555	ok	0.47						
7556	ok	0.48						
7557	ok	0.75						
7558	ok	1.04						
7559	ok	1.29						
7560	ok	1.52						
7561	ok	1.67						
7562	ok	0.97						
7563	ok	1.01						
7564	ok	0.68						
7565	ok	0.48						
7566	ok	0.47						
7567	ok	0.66						
7568	ok	0.81						
7569	ok	0.93						
7570	ok	1.00						
7571	ok	1.12						
7572	ok	0.77						
7573	ok	0.81						
7574	ok	0.56						
7575	ok	0.44						
7576	ok	0.53						
7577	ok	0.65						
7578	ok	0.73						
7579	ok	0.77						
7580	ok	1.21						
7581	ok	1.03						
7582	ok	1.16						
7583	ok	0.71						
7584	ok	0.73						
7585	ok	1.26						
7586	ok	1.06						
7587	ok	0.90						
7588	ok	2.70						
7589	ok	1.79						
7590	ok	0.0						
7591	ok	0.0						
7592	ok	2.53						
7593	ok	3.14						
7594	ok	0.90						
7595	ok	0.88						
7596	ok	1.02						
7597	ok	1.45						
7598	ok	1.09						
7599	ok	4.28						
7600	ok	2.31						
7601	ok	2.29						
7602	ok	1.56						
7603	ok	0.45						
7604	ok	2.01						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7605	ok	1.22						
7606	ok	1.71						
7607	ok	0.79						
7608	ok	1.03						
7609	ok	0.49						
7610	ok	0.87						
7611	ok	0.60						
7612	ok	0.42						
7613	ok	0.37						
7614	ok	0.46						
7615	ok	0.50						
7616	ok	0.51						
7617	ok	0.61						
7618	ok	0.71						
7619	ok	0.53						
7620	ok	0.45						
7621	ok	0.47						
7622	ok	0.57						
7623	ok	0.62						
7624	ok	0.62						
7625	ok	0.32						
7626	ok	0.83						
7627	ok	0.55						
7628	ok	0.37						
7629	ok	0.27						
7630	ok	0.34						
7631	ok	0.36						
7632	ok	0.35						
7633	ok	1.40						
7634	ok	0.53						
7635	ok	0.59						
7636	ok	0.77						
7637	ok	0.98						
7638	ok	1.18						
7639	ok	1.33						
7640	ok	1.40						
7641	ok	0.98						
7642	ok	0.63						
7643	ok	0.54						
7644	ok	0.57						
7645	ok	0.72						
7646	ok	0.86						
7647	ok	0.95						
7648	ok	0.98						
7649	ok	3.59						
7650	ok	0.94						
7651	ok	1.06						
7652	ok	1.33						
7653	ok	1.76						
7654	ok	2.40						
7655	ok	3.41						
7656	ok	4.50						
7657	ok	2.63						
7658	ok	1.91						
7659	ok	0.74						
7660	ok	0.57						
7661	ok	0.91						
7662	ok	0.75						
7663	ok	1.16						
7664	ok	0.98						
7665	ok	1.49						
7666	ok	1.24						
7667	ok	1.88						
7668	ok	1.52						
7669	ok	2.33						
7670	ok	1.75						
7671	ok	2.65						
7672	ok	1.89						
7673	ok	0.0						
7674	ok	1.52						
7675	ok	0.89						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7676	ok	1.30						
7677	ok	1.97						
7678	ok	2.87						
7679	ok Av	5.29	0.06	0.17	1.9	5.7	47.8	146.1
7680	ok	0.0						
7681	ok	0.0						
7682	ok	1.22						
7683	ok	1.05						
7684	ok	1.36						
7685	ok	1.94						
7686	ok	2.90						
7687	ok	4.66						
7688	ok	0.0						
7689	ok	0.0						
7690	ok	2.15						
7691	ok	0.90						
7692	ok	1.20						
7693	ok	1.71						
7694	ok	2.85						
7695	ok	4.78						
7696	ok	0.0						
7697	ok	0.0						
7698	ok	1.80						
7699	ok	1.06						
7700	ok	1.09						
7701	ok	1.63						
7702	ok	2.46						
7703	ok	3.84						
7704	ok Av	6.03	0.20	0.12	6.7	3.9	170.2	100.2
7705	ok	2.07						
7706	ok	1.30						
7707	ok	0.92						
7708	ok	0.84						
7709	ok	1.12						
7710	ok	1.43						
7711	ok	1.76						
7712	ok	2.01						
7713	ok	3.13						
7714	ok	2.02						
7715	ok	1.06						
7716	ok	0.94						
7717	ok	1.35						
7718	ok	1.97						
7719	ok	2.75						
7720	ok	3.08						
7721	ok	0.68						
7722	ok	0.63						
7723	ok	0.54						
7724	ok	0.55						
7725	ok	0.61						
7726	ok	0.68						
7727	ok	0.70						
7728	ok	0.69						
7729	ok	0.39						
7730	ok	0.79						
7731	ok	1.35						
7732	ok	0.76						
7733	ok	0.92						
7734	ok	1.25						
7735	ok	0.38						
7736	ok	0.56						
7737	ok	0.73						
7738	ok	0.55						
7739	ok	0.67						
7740	ok	0.77						
7741	ok	0.59						
7742	ok	0.74						
7743	ok	0.92						
7744	ok	0.58						
7745	ok	0.79						
7746	ok	1.09						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7747	ok	0.50						
7748	ok	0.81						
7749	ok	1.23						
7750	ok	0.37						
7751	ok	0.80						
7752	ok	1.33						
7753	ok	1.59						
7754	ok	0.55						
7755	ok	0.59						
7756	ok	0.71						
7757	ok	1.01						
7758	ok	1.25						
7759	ok	1.43						
7760	ok	1.57						
7761	ok	3.72						
7762	ok	1.52						
7763	ok	0.70						
7764	ok	1.25						
7765	ok	1.61						
7766	ok	2.28						
7767	ok	3.34						
7768	ok	4.46						
7769	ok	2.48						
7770	ok	0.76						
7771	ok	0.71						
7772	ok	1.08						
7773	ok	1.28						
7774	ok	1.65						
7775	ok	2.05						
7776	ok	2.42						
7777	ok	0.0						
7778	ok	0.97						
7779	ok	0.76						
7780	ok	1.38						
7781	ok	1.93						
7782	ok	2.84						
7783	ok	4.55						
7784	ok	0.0						
7785	ok	0.0						
7786	ok	0.58						
7787	ok	0.83						
7788	ok	1.44						
7789	ok	2.08						
7790	ok	3.02						
7791	ok	4.97						
7792	ok	0.0						
7793	ok	0.0						
7794	ok	0.98						
7795	ok	0.84						
7796	ok	1.39						
7797	ok	1.82						
7798	ok	2.54						
7799	ok	3.87						
7800	ok Av	5.42	0.18	0.09	6.0	3.0	154.0	77.1
7801	ok	0.0						
7802	ok	0.0						
7803	ok Av	5.06	0.03	0.17	0.9	5.7	23.7	145.0
7804	ok	2.90						
7805	ok	1.99						
7806	ok	1.42						
7807	ok	0.84						
7808	ok	1.13						
7809	ok	2.23						
7810	ok	0.63						
7811	ok	0.78						
7812	ok	1.22						
7813	ok	1.39						
7814	ok	1.70						
7815	ok	2.00						
7816	ok	2.21						
7817	ok	3.27						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7818	ok	3.16						
7819	ok	2.60						
7820	ok	2.04						
7821	ok	1.59						
7822	ok	1.30						
7823	ok	0.78						
7824	ok	0.55						
7825	ok	1.15						
7826	ok	0.63						
7827	ok	0.66						
7828	ok	0.93						
7829	ok	0.98						
7830	ok	1.14						
7831	ok	1.22						
7832	ok	1.21						
7833	ok	0.52						
7834	ok	0.82						
7835	ok	0.63						
7836	ok	0.62						
7837	ok	0.67						
7838	ok	0.77						
7839	ok	0.74						
7840	ok	0.65						
7841	ok	1.39						
7842	ok	0.73						
7843	ok	1.02						
7844	ok	0.67						
7845	ok	0.72						
7846	ok	0.93						
7847	ok	1.00						
7848	ok	0.94						
7849	ok	0.77						
7850	ok	1.97						
7851	ok	3.01						
7852	ok	1.44						
7853	ok	0.98						
7854	ok	1.02						
7855	ok	1.25						
7856	ok	1.28						
7857	ok	2.03						
7858	ok	2.80						
7859	ok	2.68						
7860	ok	0.0						
7861	ok	1.75						
7862	ok	1.13						
7863	ok	1.08						
7864	ok	1.30						
7865	ok	1.96						
7866	ok	2.54						
7867	ok	0.0						
7868	ok	3.10						
7869	ok	0.0						
7870	ok	1.84						
7871	ok	1.13						
7872	ok	1.09						
7873	ok	1.30						
7874	ok	1.83						
7875	ok	3.90						
7876	ok	0.0						
7877	ok	4.07						
7878	ok	0.0						
7879	ok	3.22						
7880	ok	2.54						
7881	ok	2.11						
7882	ok	2.47						
7883	ok	3.04						
7884	ok	4.98						
7885	ok	0.0						
7886	ok	0.0						
7887	ok	3.11						
7888	ok	4.22						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7889	ok	2.92						
7890	ok	0.0						
7891	ok	0.68						
7893	ok	0.0						
7894	ok Av	6.59	0.12	0.20	3.9	6.8	98.7	172.5
7895	ok	0.0						
7896	ok	0.0						
7897	ok	0.0						
7898	ok	0.0						
7899	ok	0.0						
7900	ok	0.0						
7901	ok	2.22						
7902	ok	3.13						
7903	ok	3.86						
7904	ok	0.0						
7905	ok	0.40						
7906	ok	0.42						
7907	ok	0.66						
7908	ok	1.05						
7909	ok	1.57						
7910	ok	0.70						
7911	ok	1.11						
7912	ok	1.60						
7913	ok	1.23						
7914	ok	1.19						
7915	ok	0.91						
7916	ok	0.58						
7917	ok	0.87						
7918	ok	0.56						
7919	ok	1.50						
7920	ok	1.52						
7921	ok	2.10						
7922	ok	0.0						
7923	ok	2.45						
7924	ok	1.66						
7925	ok	3.26						
7926	ok	1.85						
7927	ok	0.0						
7928	ok	0.0						
7929	ok	1.16						
7930	ok	1.23						
7931	ok	1.53						
7932	ok	1.93						
7933	ok	2.65						
7934	ok	2.79						
7935	ok	1.67						
7936	ok	2.23						
7937	ok	3.88						
7938	ok	0.0						
7939	ok	0.42						
7940	ok	0.44						
7941	ok	0.52						
7942	ok	0.81						
7943	ok	0.56						
7944	ok	0.86						
7945	ok	2.46						
7946	ok	3.26						
7947	ok	1.91						
7948	ok	1.55						
7949	ok	1.28						
7950	ok	1.03						
7951	ok	0.65						
7952	ok	2.27						
7953	ok	1.73						
7954	ok	1.35						
7955	ok	1.05						
7956	ok	0.65						
7957	ok	3.20						
7958	ok	4.97						
7959	ok	0.0						
7960	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
7961	ok	4.13						
7962	ok	0.0						
7963	ok	1.91						
7964	ok	2.11						
7965	ok	2.52						
7966	ok	3.70						
7967	ok	4.55						
7968	ok	2.96						
7969	ok	4.80						
7970	ok	0.0						
7971	ok	1.18						
7972	ok	1.26						
7973	ok	1.51						
7974	ok	1.63						
7975	ok	0.92						
7976	ok	0.97						
7977	ok	0.69						
7978	ok	0.74						
7979	ok	0.44						
7980	ok	0.47						
7981	ok	0.55						
7982	ok	0.58						
7983	ok	0.27						
7984	ok	0.29						
7985	ok	1.24						
7986	ok	1.34						
7987	ok	0.87						
7988	ok	0.93						
7989	ok	3.18						
7990	ok	4.41						
7991	ok	2.21						
7992	ok	1.65						
7993	ok	2.58						
7994	ok	1.82						
7995	ok	0.0						
7996	ok	0.0						
7997	ok	4.66						
7998	ok	0.0						
7999	ok	4.99						
8000	ok	0.0						
8001	ok	4.31						
8002	ok Av	5.98	0.18	0.12	5.8	4.0	148.9	102.7
8003	ok	1.93						
8004	ok	2.05						
8005	ok	3.07						
8006	ok	3.18						
8007	ok	0.89						
8008	ok	0.78						
8009	ok	0.72						
8010	ok	0.97						
8011	ok	1.38						
8012	ok	0.53						
8013	ok	0.87						
8014	ok	1.38						
8015	ok	1.61						
8016	ok	1.62						
8017	ok	3.66						
8018	ok	4.72						
8019	ok	2.26						
8020	ok	2.48						
8021	ok Av	5.03	0.09	0.14	3.1	4.8	79.8	122.4
8022	ok	0.0						
8023	ok	0.0						
8024	ok	0.0						
8025	ok	4.17						
8026	ok Av	5.11	0.15	0.09	4.9	3.1	125.5	79.4
8027	ok Av	5.21	0.08	0.16	2.7	5.3	68.9	134.3
8028	ok	0.0						
8029	ok	2.07						
8030	ok	2.20						
8031	ok	2.74						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8032	ok	3.17						
8033	ok	1.24						
8034	ok	1.18						
8035	ok	0.82						
8036	ok	0.68						
8037	ok	0.93						
8038	ok	0.89						
8039	ok	1.90						
8040	ok	2.69						
8041	ok	2.67						
8042	ok	0.0						
8043	ok	3.17						
8044	ok	0.0						
8045	ok	2.13						
8046	ok	1.27						
8047	ok	0.0						
8048	ok	0.0						
8049	ok	0.0						
8050	ok	0.0						
8051	ok	0.0						
8052	ok	0.0						
8053	ok	1.92						
8054	ok	1.90						
8055	ok	0.0						
8056	ok	4.40						
8057	ok	0.39						
8058	ok	0.36						
8059	ok	0.60						
8060	ok	0.95						
8061	ok	1.40						
8062	ok	0.62						
8063	ok	0.99						
8064	ok	1.46						
8065	ok	1.37						
8066	ok	1.27						
8067	ok	1.00						
8068	ok	0.64						
8069	ok	0.94						
8070	ok	0.60						
8071	ok	1.73						
8072	ok	1.55						
8073	ok	1.76						
8074	ok	1.49						
8075	ok	2.16						
8076	ok	2.01						
8077	ok	1.48						
8078	ok	1.66						
8079	ok	2.15						
8080	ok	1.13						
8081	ok	1.03						
8082	ok	1.07						
8083	ok	1.37						
8084	ok	1.64						
8085	ok	1.74						
8086	ok	1.64						
8087	ok	1.42						
8088	ok	1.72						
8089	ok	1.81						
8090	ok	1.65						
8091	ok	0.44						
8092	ok	0.41						
8093	ok	0.42						
8094	ok	0.68						
8095	ok	0.46						
8096	ok	0.74						
8097	ok	1.10						
8098	ok	1.63						
8099	ok	1.23						
8100	ok	1.29						
8101	ok	1.22						
8102	ok	1.05						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8103	ok	0.70						
8104	ok	1.53						
8105	ok	1.38						
8106	ok	1.22						
8107	ok	1.01						
8108	ok	0.66						
8109	ok	1.12						
8110	ok	1.84						
8111	ok	1.50						
8112	ok	2.33						
8113	ok	1.22						
8114	ok	2.36						
8115	ok	1.44						
8116	ok	1.66						
8117	ok	1.67						
8118	ok	1.78						
8119	ok	1.71						
8120	ok	2.04						
8121	ok	2.37						
8122	ok	2.54						
8123	ok	0.98						
8124	ok	1.08						
8125	ok	1.20						
8126	ok	1.35						
8127	ok	0.77						
8128	ok	0.85						
8129	ok	0.60						
8130	ok	0.64						
8131	ok	0.38						
8132	ok	0.40						
8133	ok	0.49						
8134	ok	0.51						
8135	ok	0.28						
8136	ok	0.25						
8137	ok	0.97						
8138	ok	1.10						
8139	ok	0.74						
8140	ok	0.80						
8141	ok	1.75						
8142	ok	2.37						
8143	ok	1.43						
8144	ok	1.19						
8145	ok	1.75						
8146	ok	1.42						
8147	ok	2.31						
8148	ok	3.34						
8149	ok	2.12						
8150	ok	3.10						
8151	ok	2.24						
8152	ok	3.16						
8153	ok	2.20						
8154	ok	2.96						
8155	ok	1.58						
8156	ok	1.77						
8157	ok	1.96						
8158	ok	2.41						
8159	ok	0.96						
8160	ok	0.94						
8161	ok	0.89						
8162	ok	1.03						
8163	ok	1.27						
8164	ok	0.83						
8165	ok	1.01						
8166	ok	1.34						
8167	ok	1.41						
8168	ok	1.52						
8169	ok	2.13						
8170	ok	2.70						
8171	ok	1.74						
8172	ok	1.99						
8173	ok	2.51						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8174	ok	3.38						
8175	ok	2.64						
8176	ok	3.59						
8177	ok	2.21						
8178	ok	2.88						
8179	ok	2.48						
8180	ok	3.39						
8181	ok	1.63						
8182	ok	1.86						
8183	ok	1.90						
8184	ok	2.28						
8185	ok	1.19						
8186	ok	1.24						
8187	ok	0.94						
8188	ok	0.92						
8189	ok	1.01						
8190	ok	1.00						
8191	ok	1.34						
8192	ok	1.53						
8193	ok	1.55						
8194	ok	1.87						
8195	ok	1.32						
8196	ok	2.95						
8197	ok	0.94						
8198	ok	3.24						
8199	ok	1.73						
8200	ok	0.78						
8201	ok	0.0						
8202	ok	1.47						
8203	ok	0.0						
8204	ok	0.0						
8205	ok	1.43						
8206	ok	3.45						
8207	ok	0.0						
8208	ok	1.38						
8209	ok	1.84						
8210	ok	2.24						
8211	ok	1.50						
8212	ok	3.78						
8213	ok	0.59						
8214	ok	0.78						
8215	ok	0.44						
8216	ok	0.46						
8217	ok	0.55						
8218	ok	0.72						
8219	ok	1.16						
8220	ok	0.56						
8221	ok	0.91						
8222	ok	1.32						
8223	ok	0.62						
8224	ok	0.94						
8225	ok	1.87						
8226	ok	1.84						
8227	ok	1.52						
8228	ok	1.66						
8229	ok	0.53						
8230	ok	1.64						
8231	ok	1.09						
8232	ok	0.72						
8233	ok	1.20						
8234	ok	0.79						
8235	ok	2.44						
8236	ok	2.05						
8237	ok	2.36						
8238	ok	0.0						
8239	ok	4.16						
8240	ok	0.0						
8241	ok	0.0						
8242	ok	3.50						
8243	ok	3.97						
8244	ok	3.05						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8245	ok	0.0						
8246	ok	4.47						
8247	ok	0.0						
8248	ok	3.44						
8249	ok	0.0						
8250	ok	0.91						
8251	ok	0.97						
8252	ok	0.93						
8253	ok	1.34						
8254	ok	1.85						
8255	ok	2.56						
8256	ok	3.76						
8257	ok	1.33						
8258	ok	1.67						
8259	ok	2.03						
8260	ok	2.94						
8261	ok	1.33						
8262	ok	1.77						
8263	ok	2.36						
8264	ok	4.04						
8265	ok	0.61						
8266	ok	0.48						
8267	ok	0.53						
8268	ok	0.35						
8269	ok	0.53						
8270	ok	0.38						
8271	ok	0.62						
8272	ok	0.31						
8273	ok	0.55						
8274	ok	2.33						
8275	ok	0.89						
8276	ok	1.46						
8277	ok	2.53						
8278	ok	2.35						
8279	ok	1.94						
8280	ok	1.54						
8281	ok	0.96						
8282	ok	1.26						
8283	ok	1.39						
8284	ok	1.33						
8285	ok	1.16						
8286	ok	0.77						
8287	ok	1.68						
8288	ok	1.72						
8289	ok	1.57						
8290	ok	1.32						
8291	ok	0.86						
8292	ok	2.23						
8293	ok	0.67						
8294	ok	1.20						
8295	ok	1.77						
8296	ok	0.85						
8297	ok	1.07						
8298	ok	2.03						
8299	ok	0.64						
8300	ok	1.11						
8301	ok	1.06						
8302	ok	1.24						
8303	ok	1.11						
8304	ok	1.25						
8305	ok	1.39						
8306	ok	1.54						
8307	ok	1.38						
8308	ok	1.39						
8309	ok	1.22						
8310	ok	1.25						
8311	ok	1.28						
8312	ok	1.17						
8313	ok	0.67						
8314	ok	0.86						
8315	ok	0.75						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8316	ok	0.86						
8317	ok	1.05						
8318	ok	0.93						
8319	ok	0.54						
8320	ok	0.68						
8321	ok	0.58						
8322	ok	0.47						
8323	ok	0.52						
8324	ok	0.48						
8325	ok	0.43						
8326	ok	0.38						
8327	ok	0.38						
8328	ok	0.71						
8329	ok	0.51						
8330	ok	0.58						
8331	ok	0.55						
8332	ok	0.34						
8333	ok	0.42						
8334	ok	0.88						
8335	ok	0.80						
8336	ok	0.76						
8337	ok	0.83						
8338	ok	0.67						
8339	ok	0.70						
8340	ok	0.55						
8341	ok	1.19						
8342	ok	0.72						
8343	ok	0.72						
8344	ok	0.85						
8345	ok	1.04						
8346	ok	0.93						
8347	ok	0.71						
8348	ok	0.75						
8349	ok	0.64						
8350	ok	1.53						
8351	ok	0.94						
8352	ok	0.40						
8353	ok	1.38						
8354	ok	0.77						
8355	ok	0.80						
8356	ok	1.56						
8357	ok	1.07						
8358	ok	0.92						
8359	ok	1.62						
8360	ok	1.19						
8361	ok	0.98						
8362	ok	1.35						
8363	ok	1.13						
8364	ok	1.03						
8365	ok	1.56						
8366	ok	1.24						
8367	ok	0.77						
8368	ok	0.94						
8369	ok	0.87						
8370	ok	0.75						
8371	ok	0.82						
8372	ok	0.90						
8373	ok	0.90						
8374	ok	0.99						
8375	ok	1.15						
8376	ok	0.84						
8377	ok	0.91						
8378	ok	1.01						
8379	ok	0.88						
8380	ok	1.26						
8381	ok	1.07						
8382	ok	0.99						
8383	ok	1.67						
8384	ok	1.30						
8385	ok	0.93						
8386	ok	1.46						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8387	ok	1.18						
8388	ok	1.06						
8389	ok	1.88						
8390	ok	1.42						
8391	ok	1.06						
8392	ok	1.95						
8393	ok	1.45						
8394	ok	0.89						
8395	ok	1.68						
8396	ok	1.25						
8397	ok	0.97						
8398	ok	1.83						
8399	ok	1.35						
8400	ok	0.81						
8401	ok	1.37						
8402	ok	1.09						
8403	ok	0.81						
8404	ok	1.51						
8405	ok	1.15						
8406	ok	0.66						
8407	ok	1.06						
8408	ok	0.87						
8409	ok	0.63						
8410	ok	0.90						
8411	ok	0.78						
8412	ok	0.69						
8413	ok	0.95						
8414	ok	0.82						
8415	ok	0.86						
8416	ok	1.17						
8417	ok	0.97						
8418	ok	1.06						
8419	ok	1.57						
8420	ok	2.37						
8421	ok	1.41						
8422	ok	1.15						
8423	ok	1.97						
8424	ok	0.0						
8425	ok	0.83						
8426	ok	0.97						
8427	ok	0.0						
8428	ok Av	7.87	0.22	0.17	7.3	5.6	186.0	142.3
8429	ok	2.42						
8430	ok	1.92						
8431	ok	1.79						
8432	ok	1.53						
8433	ok	1.06						
8434	ok	1.22						
8435	ok	1.37						
8436	ok	1.43						
8437	ok	0.50						
8438	ok	0.58						
8439	ok	0.32						
8440	ok	0.51						
8441	ok	0.78						
8442	ok	0.37						
8443	ok	0.63						
8444	ok	0.97						
8445	ok	1.37						
8446	ok	0.88						
8447	ok	1.03						
8448	ok	0.76						
8449	ok	1.31						
8450	ok	0.90						
8451	ok	1.86						
8452	ok	1.44						
8453	ok	3.37						
8454	ok	1.27						
8455	ok	2.86						
8456	ok	2.41						
8457	ok Av	6.08	0.09	0.19	3.0	6.2	75.5	159.4

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8458	ok	1.22						
8459	ok	4.25						
8460	ok	0.0						
8461	ok	4.90						
8462	ok	0.90						
8463	ok	0.0						
8464	ok	1.33						
8465	ok	1.14						
8466	ok	3.18						
8467	ok	1.30						
8468	ok	1.78						
8469	ok	2.49						
8470	ok	4.03						
8471	ok	0.89						
8472	ok	0.76						
8473	ok	0.66						
8474	ok	0.68						
8475	ok	0.52						
8476	ok	0.56						
8477	ok	0.0						
8478	ok	4.70						
8479	ok	0.0						
8480	ok Av	5.21	0.17	0.08	5.7	2.5	145.1	63.9
8481	ok	3.04						
8482	ok	2.11						
8483	ok	1.27						
8484	ok	4.72						
8485	ok	3.83						
8486	ok	2.51						
8487	ok	1.85						
8488	ok	1.12						
8605	ok	0.0						
8606	ok	4.89						
8607	ok	3.52						
8608	ok	2.90						
8609	ok	0.0						
8610	ok	3.62						
8611	ok	1.00						
8612	ok	1.04						
8613	ok	1.36						
8614	ok	1.84						
8615	ok	2.51						
8616	ok	1.33						
8617	ok	1.66						
8618	ok	2.10						
8619	ok	0.54						
8620	ok	0.63						
8621	ok	0.73						
8622	ok	0.81						
8623	ok	0.45						
8624	ok	0.51						
8625	ok	0.48						
8626	ok	0.49						
8627	ok	0.65						
8628	ok	0.52						
8629	ok	1.13						
8630	ok	0.92						
8631	ok	0.90						
8632	ok	0.73						
8633	ok	1.54						
8634	ok	1.18						
8635	ok	1.36						
8636	ok	1.08						
8637	ok	1.69						
8638	ok	1.00						
8639	ok	1.69						
8640	ok	1.66						
8641	ok	1.11						
8642	ok	1.19						
8643	ok	1.42						
8644	ok	0.86						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8645	ok	1.59						
8646	ok	0.89						
8647	ok	1.23						
8648	ok	0.85						
8649	ok	1.14						
8650	ok	0.84						
8651	ok	0.90						
8652	ok	0.89						
8653	ok	1.06						
8654	ok	0.94						
8655	ok	0.50						
8656	ok	0.66						
8657	ok	0.55						
8658	ok	0.65						
8659	ok	0.76						
8660	ok	0.66						
8661	ok	0.73						
8662	ok	0.81						
8663	ok	0.47						
8664	ok	0.69						
8665	ok	0.46						
8666	ok	0.70						
8667	ok	0.45						
8668	ok	0.68						
8669	ok	0.48						
8670	ok	0.73						
8671	ok	0.40						
8672	ok	0.70						
8673	ok	0.40						
8674	ok	0.57						
8675	ok	0.38						
8676	ok	0.61						
8677	ok	0.44						
8678	ok	0.54						
8679	ok	0.39						
8680	ok	0.53						
8681	ok	0.53						
8682	ok	0.48						
8683	ok	0.48						
8684	ok	0.52						
8685	ok	0.52						
8686	ok	0.56						
8687	ok	0.0						
8688	ok	0.79						
8689	ok Av	6.30	0.04	0.21	1.4	7.0	35.4	179.9
8690	ok Av	5.98	0.07	0.19	2.2	6.4	55.8	164.1
8691	ok Av	5.18	0.03	0.17	1.0	5.8	25.9	147.9
8692	ok	2.27						
8693	ok	0.65						
8694	ok Av	7.28	0.05	0.25	1.5	8.1	38.3	207.8
8695	ok	0.0						
8696	ok	0.0						
8697	ok Av	8.43	0.25	0.15	8.4	4.9	214.0	126.2
8698	ok Av	6.51	0.19	0.15	6.4	4.9	162.2	124.7
8700	ok Av	7.93	0.05	0.27	1.5	9.0	38.4	228.8
8701	ok	2.82						
8702	ok	1.40						
8703	ok Av	8.21	3.63e-03	0.28	0.1	9.3	3.1	238.1
8705	ok	0.0						
8706	ok	3.73						
8707	ok	0.69						
8710	ok Av	7.59	0.22	0.13	7.4	4.4	190.1	111.1
8711	ok	2.56						
8712	ok	1.72						
8713	ok	1.01						
8714	ok	1.27						
8715	ok	0.47						
8716	ok	0.28						
8717	ok	0.46						
8718	ok	0.73						
8719	ok	1.08						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8720	ok	0.87						
8721	ok	0.67						
8722	ok	1.30						
8723	ok	2.25						
8724	ok	2.00						
8725	ok	1.64						
8726	ok	2.34						
8727	ok Av	6.97	0.15	0.19	4.9	6.3	124.1	160.3
8728	ok	1.73						
8729	ok	1.37						
8730	ok	1.77						
8731	ok	2.14						
8732	ok	4.33						
8733	ok	3.23						
8734	ok	0.54						
8735	ok	0.0						
8736	ok	0.0						
8737	ok	4.70						
8738	ok	3.17						
8739	ok	2.32						
8740	ok	2.25						
8741	ok	0.0						
8742	ok	3.86						
8743	ok	0.0						
8744	ok	0.95						
8745	ok	1.37						
8746	ok	1.91						
8747	ok	2.71						
8748	ok	0.47						
8749	ok	0.63						
8750	ok	0.45						
8751	ok	0.55						
8752	ok	0.78						
8753	ok	1.33						
8754	ok	1.06						
8755	ok	1.92						
8756	ok	1.62						
8757	ok	2.45						
8758	ok	2.34						
8759	ok	2.17						
8760	ok	2.00						
8761	ok	2.38						
8762	ok	1.57						
8763	ok	1.44						
8764	ok	1.00						
8765	ok	1.22						
8766	ok	0.40						
8767	ok	0.51						
8768	ok	0.65						
8769	ok	0.81						
8770	ok	0.34						
8771	ok	0.42						
8772	ok	0.37						
8773	ok	0.51						
8774	ok	0.57						
8775	ok	0.64						
8776	ok	0.60						
8777	ok	0.69						
8778	ok	0.63						
8779	ok	0.70						
8780	ok	0.64						
8781	ok	0.80						
8783	ok Av	8.35	0.05	0.28	1.8	9.3	46.0	238.3
8784	ok	1.78						
8785	ok	2.69						
8786	ok	0.0						
8787	ok	2.74						
8788	ok	1.41						
8789	ok	4.55						
8790	ok	4.89						
8793	ok	1.54						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8797	ok	0.0						
8798	ok	0.0						
8799	ok Av	7.82	3.57e-03	0.27	0.1	8.9	3.0	226.9
8800	ok Av	9.47	0.03	0.32	1.1	10.7	28.7	273.7
8801	ok Av	6.77	0.04	0.23	1.5	7.6	38.0	194.0
8803	ok Av	25.74	0.17	0.87	5.5	28.7	141.5	733.4
8804	ok	0.0						
8805	ok	0.0						
8806	ok Av	7.12	2.93e-03	0.24	9.70e-02	8.1	2.5	206.6
8807	ok Av	6.35	3.31e-03	0.22	0.1	7.2	2.8	184.1
8808	ok Av	7.48	0.14	0.22	4.5	7.2	115.8	183.9
8811	ok Av	7.70	0.01	0.26	0.5	8.7	12.4	223.1
8812	ok	0.95						
8813	ok Av	7.58	8.12e-03	0.26	0.3	8.6	6.9	219.9
8814	ok	2.63						
8815	ok	1.66						
8817	ok	2.12						
8818	ok Av	8.94	0.27	0.15	8.8	5.0	225.1	128.9
8819	ok	0.79						
8820	ok	0.91						
8822	ok	1.71						
8823	ok	0.95						
8825	ok	0.80						
8827	ok	0.54						
8828	ok	0.71						
8829	ok	1.16						
8830	ok	2.37						
8832	ok	2.08						
8833	ok	1.79						
8834	ok Av	7.98	0.22	0.16	7.3	5.3	187.3	135.8
8835	ok	2.14						
8836	ok	2.79						
8837	ok	1.46						
8838	ok	1.73						
8839	ok	1.34						
8840	ok	0.90						
8841	ok	0.85						
8842	ok	0.91						
8843	ok	1.57						
8844	ok	1.31						
8845	ok	1.11						
8846	ok	0.78						
8847	ok	0.51						
8848	ok	0.68						
8849	ok	0.47						
8850	ok	0.54						
8851	ok	0.86						
8852	ok	0.33						
8853	ok	0.36						
8854	ok	0.62						
8855	ok	0.51						
8856	ok	0.38						
8857	ok	0.65						
8858	ok	1.10						
8859	ok	0.77						
8860	ok	0.73						
8861	ok	1.13						
8862	ok	1.02						
8863	ok	0.71						
8864	ok	0.64						
8865	ok	0.81						
8866	ok	0.77						
8867	ok	0.91						
8868	ok	0.83						
8869	ok	0.54						
8870	ok	0.79						
8871	ok	1.38						
8872	ok	0.88						
8873	ok	0.70						
8874	ok	0.79						
8875	ok	1.13						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8876	ok	0.95						
8877	ok	0.56						
8878	ok	0.36						
8879	ok	0.94						
8880	ok	1.56						
8881	ok	1.10						
8882	ok	0.56						
8883	ok	0.74						
8884	ok	0.64						
8885	ok	0.69						
8886	ok	0.82						
8887	ok	0.93						
8888	ok	0.98						
8889	ok	1.01						
8890	ok	1.23						
8891	ok	1.42						
8892	ok	1.56						
8893	ok	0.81						
8894	ok	0.98						
8895	ok	1.12						
8896	ok	1.17						
8897	ok	0.90						
8898	ok	1.06						
8899	ok	1.10						
8900	ok	0.53						
8901	ok	0.70						
8902	ok	0.64						
8903	ok	0.82						
8904	ok	0.61						
8905	ok	0.79						
8906	ok	3.07						
8907	ok	1.51						
8908	ok	4.77						
8909	ok	3.00						
8910	ok	2.60						
8911	ok	2.06						
8912	ok	1.69						
8913	ok	1.13						
8914	ok	0.48						
8915	ok	0.0						
8916	ok	0.95						
8917	ok	2.49						
8918	ok	1.51						
8919	ok	4.36						
8920	ok	3.72						
8921	ok	2.74						
8922	ok	2.08						
8923	ok	1.32						
8924	ok	2.96						
8925	ok	0.75						
8926	ok	4.01						
8927	ok	2.39						
8928	ok	3.78						
8929	ok	1.44						
8930	ok	2.82						
8931	ok	0.0						
8932	ok	2.01						
8933	ok	0.61						
8934	ok	0.85						
8935	ok	4.64						
8936	ok	0.85						
8937	ok	1.30						
8938	ok	1.77						
8939	ok	1.30						
8940	ok	1.85						
8941	ok	2.59						
8942	ok	0.0						
8943	ok	0.89						
8944	ok	1.01						
8945	ok	0.77						
8946	ok	0.43						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
8947	ok	0.74						
8948	ok	2.35						
8949	ok	0.53						
8950	ok	2.13						
8951	ok	1.28						
8952	ok	0.49						
8953	ok	0.57						
8954	ok	0.37						
8955	ok	0.67						
8956	ok	0.77						
8957	ok	0.45						
8958	ok	0.98						
8959	ok	1.11						
8960	ok	2.07						
8961	ok	1.59						
8962	ok	1.78						
8963	ok	0.77						
8964	ok	1.28						
8965	ok	1.45						
8966	ok	2.51						
8967	ok	2.51						
8968	ok	2.91						
8969	ok	1.41						
8970	ok	1.95						
8971	ok	2.13						
8972	ok	0.0						
8973	ok	3.80						
8974	ok	0.0						
8975	ok	0.0						
8976	ok	3.43						
8977	ok	3.84						
8978	ok	3.50						
8979	ok	0.0						
8980	ok	4.21						
8981	ok	3.64						
8982	ok	3.19						
8983	ok	3.93						
8984	ok	0.0						
8985	ok	3.94						
8986	ok	0.0						
8987	ok	2.75						
8988	ok	2.21						
8989	ok	2.62						
8990	ok	2.27						
8991	ok	1.86						
8992	ok	2.16						
8993	ok	1.29						
8994	ok	1.15						
8995	ok	1.25						
8996	ok	1.73						
8997	ok	1.49						
8998	ok	1.66						
8999	ok	0.50						
9000	ok	0.38						
9001	ok	0.45						
9002	ok	0.53						
9003	ok	0.70						
9004	ok	0.95						
9005	ok	0.48						
9006	ok	0.67						
9007	ok	0.88						
9008	ok	0.52						
9009	ok	0.71						
9010	ok	0.95						
9011	ok	0.76						
9012	ok	0.44						
9013	ok	0.61						
9014	ok	1.24						
9015	ok	0.66						
9016	ok	0.95						
9017	ok	0.96						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9018	ok	0.53						
9019	ok	0.75						
9020	ok	1.61						
9021	ok	0.83						
9022	ok	1.20						
9023	ok	2.10						
9024	ok	0.96						
9025	ok	1.43						
9026	ok	2.22						
9027	ok	1.01						
9028	ok	1.53						
9029	ok	2.20						
9030	ok	0.99						
9031	ok	1.49						
9032	ok	2.02						
9033	ok	1.04						
9034	ok	1.48						
9035	ok	2.07						
9036	ok	0.97						
9037	ok	1.46						
9038	ok	1.72						
9039	ok	0.95						
9040	ok	1.24						
9041	ok	1.68						
9042	ok	0.97						
9043	ok	1.30						
9044	ok	1.61						
9045	ok	0.91						
9046	ok	1.42						
9047	ok	0.60						
9048	ok Av	8.55	0.14	0.25	4.8	8.5	122.3	215.8
9049	ok Av	10.76	0.20	0.31	6.6	10.4	168.2	266.4
9050	ok Av	6.65	0.12	0.20	3.8	6.5	98.2	166.1
9051	ok	4.88						
9052	ok Av	9.97	0.18	0.29	5.9	9.7	149.8	247.2
9053	ok	0.0						
9054	ok Av	7.27	0.12	0.22	3.9	7.3	100.8	185.9
9056	ok Av	8.77	0.05	0.30	1.5	9.9	39.4	252.0
9057	ok	0.86						
9058	ok	3.67						
9059	ok Av	9.08	0.05	0.31	1.7	10.3	42.5	263.2
9061	ok Av	6.33	0.11	0.19	3.7	6.2	94.9	157.1
9062	ok	0.0						
9063	ok	4.50						
9064	ok	3.10						
9066	ok	0.0						
9067	ok	0.83						
9068	ok	0.67						
9069	ok	0.0						
9070	ok Av	6.55	0.11	0.20	3.6	6.5	92.6	165.9
9071	ok Av	5.75	0.04	0.19	1.2	6.4	31.4	164.2
9072	ok	1.96						
9073	ok	3.09						
9074	ok	0.0						
9075	ok	2.03						
9076	ok	2.47						
9077	ok	2.17						
9078	ok	2.01						
9079	ok	1.99						
9080	ok	0.0						
9081	ok	2.98						
9082	ok	3.74						
9083	ok	0.0						
9084	ok	3.19						
9085	ok	0.0						
9086	ok	0.0						
9087	ok	0.0						
9088	ok	4.51						
9089	ok	4.27						
9090	ok	3.46						
9091	ok	4.43						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9092	ok	0.0						
9093	ok	0.0						
9094	ok	3.96						
9095	ok	2.28						
9096	ok	2.47						
9097	ok	2.19						
9098	ok	1.81						
9099	ok	1.52						
9100	ok	1.74						
9101	ok	1.44						
9102	ok	0.86						
9103	ok	0.85						
9104	ok	0.0						
9105	ok	1.16						
9106	ok	1.12						
9107	ok	2.61						
9108	ok	0.54						
9109	ok	0.54						
9110	ok	0.0						
9111	ok	1.25						
9112	ok	1.87						
9113	ok Av	5.97	0.18	0.09	6.0	3.1	153.8	79.7
9114	ok	3.33						
9115	ok	1.45						
9116	ok	1.82						
9117	ok	0.93						
9118	ok	0.93						
9119	ok	0.71						
9120	ok	0.69						
9121	ok	0.51						
9122	ok	1.79						
9123	ok	2.14						
9124	ok	0.68						
9125	ok	1.38						
9126	ok	1.43						
9127	ok	1.68						
9128	ok	2.11						
9129	ok	2.54						
9130	ok	0.86						
9135	ok Av	8.89	0.30	0.02	10.1	0.6	257.6	16.4
9136	ok Av	7.86	0.27	0.01	8.9	0.5	227.6	12.2
9137	ok Av	6.40	0.22	0.02	7.2	0.5	185.1	13.4
9138	ok Av	5.05	0.17	0.02	5.7	0.5	145.9	12.9
9144	ok Av	5.26	0.18	4.19e-03	6.0	0.1	152.5	3.5
9159	ok Av	25.69	0.87	0.15	28.7	5.1	733.6	130.1
9160	ok Av	12.14	0.42	0.03	13.8	0.9	351.6	22.5
9161	ok Av	8.81	0.26	0.16	8.5	5.2	217.8	133.6
9172	ok	0.42						
9173	ok	0.44						
9177	ok	0.33						
9178	ok	3.72						
9179	ok	4.13						
9180	ok	0.0						
9181	ok	4.99						
9182	ok Av	6.21	0.21	4.46e-03	7.0	0.1	179.9	3.8
9183	ok Av	7.25	0.25	0.01	8.2	0.3	210.3	8.5
9184	ok	0.0						
9185	ok	0.0						
9215	ok	0.72						
9222	ok	0.61						
9223	ok	1.57						
9224	ok	0.90						
9225	ok	0.91						
9226	ok	0.67						
9227	ok	0.79						
9228	ok	0.97						
9229	ok	1.18						
9230	ok	1.39						
9231	ok	1.25						
9232	ok	0.70						
9233	ok	0.48						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9234	ok	0.30						
9235	ok	0.39						
9236	ok	0.65						
9237	ok	0.68						
9238	ok	1.05						
9239	ok	0.83						
9240	ok	0.63						
9241	ok	0.45						
9242	ok	0.50						
9243	ok	0.55						
9244	ok	3.34						
9245	ok	0.61						
9246	ok	0.44						
9247	ok	0.43						
9248	ok	0.66						
9249	ok	0.80						
9250	ok	1.04						
9251	ok	1.41						
9252	ok	2.14						
9253	ok	2.63						
9254	ok	1.80						
9255	ok	1.29						
9256	ok	0.47						
9257	ok	0.41						
9258	ok	0.44						
9259	ok	0.63						
9260	ok	0.48						
9261	ok	0.35						
9262	ok	0.87						
9263	ok	0.69						
9264	ok	0.44						
9265	ok	1.22						
9266	ok	0.99						
9267	ok	0.69						
9268	ok	1.73						
9269	ok	1.37						
9270	ok	0.99						
9271	ok	1.64						
9272	ok	0.94						
9273	ok	1.30						
9274	ok	1.67						
9275	ok	1.02						
9276	ok	1.37						
9277	ok	0.68						
9278	ok	0.52						
9279	ok	0.52						
9280	ok	0.71						
9281	ok	0.45						
9282	ok	0.64						
9283	ok	0.47						
9284	ok	0.43						
9285	ok	1.19						
9286	ok	2.10						
9287	ok	4.05						
9288	ok	0.80						
9289	ok	1.22						
9290	ok	2.15						
9291	ok	0.59						
9293	ok	1.67						
9294	ok	0.92						
9295	ok	1.31						
9296	ok	1.94						
9298	ok	2.21						
9299	ok	3.22						
9300	ok	0.35						
9301	ok	0.60						
9302	ok	0.23						
9303	ok	2.11						
9304	ok	1.31						
9305	ok	0.45						
9306	ok Av	6.15	0.18	0.14	6.1	4.6	155.8	116.5

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9307	ok	0.39						
9308	ok Av	5.01	0.11	0.13	3.6	4.4	91.0	113.4
9309	ok	2.30						
9310	ok	0.66						
9311	ok	0.84						
9312	ok	0.83						
9313	ok	0.52						
9314	ok	1.48						
9315	ok	0.0						
9316	ok	1.92						
9317	ok	4.35						
9318	ok	3.47						
9319	ok	2.06						
9320	ok	1.70						
9321	ok	1.35						
9322	ok	2.25						
9323	ok	1.63						
9324	ok	0.0						
9325	ok	1.73						
9326	ok	0.0						
9327	ok	2.23						
9328	ok	1.22						
9329	ok	1.82						
9330	ok	3.95						
9331	ok	0.0						
9332	ok	1.68						
9333	ok	1.82						
9334	ok	2.57						
9335	ok	4.03						
9336	ok	1.56						
9337	ok	1.07						
9338	ok	1.36						
9339	ok	0.45						
9340	ok	0.46						
9341	ok	0.35						
9342	ok	0.57						
9343	ok	0.73						
9344	ok	0.94						
9345	ok	1.20						
9346	ok	0.58						
9347	ok	0.71						
9348	ok	0.84						
9349	ok	0.96						
9350	ok	0.50						
9351	ok	0.66						
9352	ok	0.84						
9353	ok	1.07						
9354	ok	0.37						
9355	ok	0.72						
9356	ok	0.49						
9357	ok	0.38						
9358	ok	0.36						
9359	ok	0.57						
9360	ok	0.42						
9361	ok	0.39						
9362	ok	0.26						
9363	ok	1.08						
9364	ok	2.14						
9365	ok	1.54						
9366	ok	0.98						
9367	ok	0.84						
9368	ok	0.68						
9369	ok	0.54						
9370	ok	0.49						
9371	ok	2.07						
9372	ok	1.85						
9373	ok	1.58						
9374	ok	1.32						
9375	ok	0.92						
9376	ok	1.47						
9377	ok	1.31						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9378	ok	1.12						
9379	ok	0.95						
9380	ok	0.66						
9381	ok	1.07						
9382	ok	2.08						
9383	ok	1.50						
9384	ok	0.98						
9385	ok	1.74						
9386	ok	1.32						
9387	ok	1.04						
9388	ok	1.96						
9389	ok	1.44						
9390	ok	0.88						
9391	ok	0.58						
9392	ok	0.73						
9393	ok	0.74						
9394	ok	0.76						
9395	ok	0.86						
9396	ok	0.75						
9397	ok	1.08						
9398	ok	1.42						
9399	ok	0.74						
9400	ok	0.88						
9401	ok	1.11						
9402	ok	1.32						
9403	ok	0.81						
9404	ok	1.07						
9405	ok	1.08						
9406	ok	0.65						
9407	ok	0.83						
9408	ok	1.60						
9409	ok	1.05						
9410	ok	1.33						
9411	ok	1.97						
9412	ok	1.34						
9413	ok	1.67						
9414	ok	2.54						
9415	ok	1.74						
9416	ok	2.15						
9417	ok	4.40						
9418	ok	0.72						
9419	ok	3.50						
9420	ok	3.34						
9421	ok	2.07						
9422	ok	2.70						
9423	ok	0.0						
9424	ok	0.0						
9425	ok	2.95						
9426	ok	0.0						
9427	ok	2.18						
9428	ok	3.32						
9429	ok	2.80						
9431	ok	2.37						
9432	ok	3.25						
9433	ok	4.66						
9434	ok Av	6.11	0.18	0.15	6.0	5.0	154.4	127.5
9435	ok	3.29						
9436	ok	2.19						
9437	ok	2.49						
9438	ok	2.52						
9439	ok	3.48						
9440	ok	0.44						
9441	ok	2.75						
9442	ok	3.10						
9443	ok	1.25						
9444	ok	1.14						
9446	ok	3.43						
9447	ok	0.97						
9448	ok	3.39						
9449	ok	0.98						
9450	ok	3.13						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9452	ok	1.29						
9453	ok	1.93						
9454	ok	0.0						
9455	ok	2.49						
9456	ok Av	6.39	0.20	0.13	6.8	4.4	172.8	113.1
9457	ok	0.0						
9458	ok	1.97						
9459	ok	3.17						
9460	ok	0.0						
9461	ok	1.42						
9462	ok	0.35						
9463	ok	0.44						
9464	ok	0.57						
9465	ok	0.78						
9466	ok	1.06						
9467	ok	0.25						
9468	ok	0.32						
9469	ok	0.31						
9470	ok	0.83						
9471	ok	0.76						
9472	ok	0.63						
9473	ok	0.48						
9474	ok	0.35						
9475	ok	0.35						
9476	ok	0.84						
9477	ok	0.79						
9478	ok	0.84						
9479	ok	0.83						
9480	ok	0.71						
9481	ok	0.67						
9482	ok	0.71						
9483	ok	1.27						
9484	ok	1.03						
9485	ok	1.54						
9486	ok	1.91						
9487	ok	2.49						
9488	ok	4.71						
9489	ok	3.39						
9490	ok	0.0						
9491	ok	0.0						
9492	ok	2.92						
9493	ok	3.93						
9494	ok	0.0						
9495	ok	2.34						
9496	ok	2.66						
9497	ok	1.94						
9498	ok	1.35						
9499	ok	2.42						
9500	ok	1.83						
9501	ok	0.0						
9502	ok	2.65						
9503	ok	0.0						
9504	ok	0.0						
9505	ok	0.0						
9506	ok	0.0						
9507	ok	4.17						
9508	ok	0.0						
9509	ok	0.0						
9510	ok	4.80						
9511	ok Av	13.65	0.24	0.40	7.9	13.3	202.1	340.3
9512	ok Av	11.75	0.20	0.35	6.5	11.7	165.7	297.9
9513	ok	4.27						
9514	ok Av	5.98	0.18	0.12	6.0	3.9	153.6	99.8
9516	ok	1.36						
9517	ok	0.65						
9518	ok	3.21						
9519	ok	0.0						
9520	ok Av	5.15	0.10	0.14	3.4	4.7	87.6	121.1
9521	ok	2.04						
9522	ok	0.61						
9523	ok	0.66						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9524	ok	0.0						
9525	ok Av	5.15	0.13	0.12	4.4	3.8	113.2	97.5
9526	ok	0.44						
9527	ok	0.0						
9528	ok	2.06						
9529	ok	3.76						
9530	ok	0.0						
9531	ok	1.44						
9532	ok	0.41						
9533	ok	0.44						
9534	ok	0.58						
9535	ok	0.79						
9536	ok	1.07						
9537	ok	0.36						
9538	ok	0.43						
9539	ok	0.41						
9540	ok	0.70						
9541	ok	0.62						
9542	ok	0.49						
9543	ok	0.35						
9544	ok	0.24						
9545	ok	0.36						
9546	ok	0.73						
9547	ok	0.70						
9548	ok	0.74						
9549	ok	0.93						
9550	ok	0.77						
9551	ok	0.69						
9552	ok	0.68						
9553	ok	1.38						
9554	ok	1.13						
9555	ok	0.81						
9557	ok	0.68						
9558	ok	0.70						
9559	ok	0.65						
9560	ok	2.94						
9561	ok	2.86						
9562	ok	4.07						
9563	ok	0.0						
9564	ok	1.97						
9565	ok	2.86						
9566	ok	0.0						
9567	ok	1.36						
9568	ok	0.55						
9569	ok	0.52						
9570	ok	0.57						
9571	ok	0.78						
9572	ok	1.06						
9573	ok	0.60						
9574	ok	0.64						
9575	ok	0.60						
9576	ok	0.57						
9577	ok	0.52						
9578	ok	0.41						
9579	ok	0.32						
9580	ok	0.39						
9581	ok	0.61						
9582	ok	0.60						
9583	ok	0.61						
9584	ok	0.62						
9585	ok	1.00						
9586	ok	0.83						
9587	ok	0.70						
9588	ok	0.64						
9589	ok	1.44						
9590	ok	1.20						
9591	ok	1.65						
9592	ok	1.72						
9593	ok	2.62						
9594	ok	2.74						
9595	ok	2.02						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9596	ok	2.10						
9597	ok	2.24						
9598	ok	1.82						
9599	ok	1.90						
9600	ok	2.29						
9601	ok	3.27						
9602	ok	3.68						
9603	ok	2.73						
9604	ok	2.84						
9605	ok	0.0						
9606	ok	0.0						
9607	ok Av	5.52	0.19	0.06	6.2	2.0	159.4	51.4
9608	ok Av	5.99	0.19	0.08	6.3	2.6	160.4	66.8
9609	ok	0.0						
9610	ok	3.55						
9611	ok Av	5.40	0.18	0.07	6.1	2.4	156.3	61.7
9612	ok	3.76						
9613	ok	0.0						
9614	ok	0.0						
9615	ok Av	5.41	0.18	0.10	5.9	3.2	150.7	81.4
9616	ok	0.0						
9617	ok	0.80						
9618	ok	1.37						
9619	ok	0.78						
9620	ok	1.79						
9621	ok Av	6.16	0.03	0.21	1.1	6.9	28.8	176.2
9622	ok	0.0						
9623	ok	0.0						
9624	ok	0.0						
9625	ok	2.49						
9626	ok	0.0						
9627	ok	0.0						
9628	ok	0.0						
9629	ok	0.0						
9630	ok	2.24						
9631	ok	0.0						
9633	ok	1.29						
9634	ok	0.60						
9636	ok	1.39						
9637	ok	0.0						
9638	ok	3.29						
9639	ok	1.99						
9640	ok	2.55						
9641	ok	1.08						
9642	ok	1.03						
9643	ok	3.03						
9644	ok	3.31						
9645	ok Av	13.91	0.48	0.35	15.8	11.6	402.5	295.0
9646	ok	0.67						
9647	ok	0.0						
9648	ok	0.0						
9649	ok Av	5.15	0.16	0.06	5.5	2.1	139.5	53.1
9650	ok	0.79						
9651	ok	0.86						
9652	ok	1.04						
9653	ok	1.51						
9654	ok	2.09						
9655	ok	3.70						
9656	ok	0.99						
9657	ok	0.85						
9658	ok	0.88						
9659	ok	1.06						
9661	ok	2.41						
9662	ok	0.82						
9663	ok	0.78						
9664	ok	0.90						
9665	ok	1.27						
9666	ok	1.73						
9667	ok	3.12						
9668	ok	1.56						
9669	ok	0.94						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9670	ok	1.14						
9671	ok	3.33						
9672	ok	0.68						
9673	ok	0.81						
9674	ok	0.89						
9676	ok	0.0						
9677	ok	0.85						
9678	ok	1.15						
9679	ok	1.61						
9680	ok	0.0						
9681	ok	0.98						
9682	ok	1.30						
9683	ok	0.82						
9684	ok	1.07						
9685	ok	1.42						
9686	ok	0.0						
9687	ok	0.89						
9688	ok	1.88						
9689	ok	1.70						
9690	ok	0.56						
9691	ok	0.50						
9692	ok	1.70						
9693	ok	2.51						
9694	ok	3.32						
9695	ok	0.74						
9696	ok	1.27						
9697	ok	2.59						
9698	ok	0.73						
9699	ok	0.0						
9700	ok Av	9.31	0.20	0.32	6.7	10.6	170.3	270.1
9701	ok	1.87						
9702	ok	0.0						
9703	ok	0.45						
9704	ok	4.44						
9705	ok	0.65						
9706	ok	0.87						
9707	ok	1.30						
9708	ok	0.86						
9710	ok Av	10.39	0.21	0.35	7.0	11.7	178.6	297.5
9711	ok	0.0						
9712	ok	1.16						
9713	ok	0.0						
9714	ok	3.19						
9716	ok	1.09						
9717	ok	0.0						
9718	ok	1.56						
9719	ok	3.08						
9720	ok	3.11						
9721	ok	0.0						
9722	ok	3.28						
9723	ok	1.13						
9724	ok	2.06						
9725	ok	2.88						
9726	ok	0.77						
9728	ok	0.96						
9729	ok	0.0						
9730	ok	1.13						
9731	ok	3.94						
9732	ok	0.70						
9733	ok Av	5.86	0.17	0.11	5.5	3.7	140.6	95.6
9734	ok	3.59						
9735	ok	1.40						
9736	ok	1.07						
9738	ok	0.93						
9739	ok	4.76						
9740	ok	0.0						
9741	ok	0.0						
9742	ok	2.40						
9744	ok Av	7.56	0.22	0.14	7.2	4.7	183.5	120.3
9745	ok	0.72						
9746	ok	0.78						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9747	ok	0.95						
9748	ok	1.16						
9749	ok	1.39						
9750	ok	1.62						
9751	ok	0.90						
9752	ok	2.06						
9753	ok	1.83						
9754	ok	1.57						
9755	ok	1.32						
9756	ok	1.09						
9757	ok	1.41						
9758	ok	3.79						
9759	ok	3.55						
9760	ok	2.79						
9761	ok	2.21						
9762	ok	1.77						
9763	ok	1.19						
9764	ok	2.80						
9765	ok	2.52						
9766	ok	2.10						
9767	ok	1.78						
9768	ok	1.46						
9769	ok	1.49						
9770	ok	0.0						
9771	ok Av	5.50	0.04	0.19	1.2	6.3	31.3	159.6
9772	ok	3.74						
9773	ok	2.67						
9774	ok	1.99						
9775	ok	1.53						
9776	ok	1.49						
9777	ok	1.99						
9778	ok	2.63						
9779	ok	3.65						
9780	ok Av	5.84	0.09	0.18	2.9	6.0	74.3	152.2
9781	ok	0.0						
9782	ok	1.91						
9783	ok	2.46						
9784	ok	3.33						
9785	ok	4.64						
9786	ok Av	6.32	0.17	0.13	5.7	4.4	145.7	111.2
9787	ok	1.20						
9788	ok Av	6.02	0.18	0.11	5.8	3.6	149.2	90.7
9789	ok	4.67						
9790	ok	3.11						
9791	ok	2.26						
9792	ok	1.67						
9793	ok	1.39						
9794	ok	1.88						
9795	ok	2.55						
9796	ok	3.63						
9797	ok Av	5.82	0.10	0.18	3.2	5.8	80.8	148.3
9798	ok	0.0						
9799	ok	0.74						
9800	ok	2.66						
9801	ok	2.37						
9802	ok	1.98						
9803	ok	1.56						
9804	ok	1.14						
9805	ok	0.98						
9806	ok	3.73						
9807	ok	3.20						
9808	ok	2.45						
9809	ok	1.91						
9810	ok	1.41						
9811	ok	0.53						
9812	ok	2.04						
9813	ok	1.85						
9814	ok	1.58						
9815	ok	1.25						
9816	ok	0.90						
9817	ok	0.41						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9818	ok	1.69						
9819	ok	1.54						
9820	ok	1.33						
9821	ok	1.05						
9822	ok	0.74						
9823	ok	0.41						
9824	ok	1.43						
9825	ok	1.32						
9826	ok	1.14						
9827	ok	0.91						
9828	ok	0.64						
9829	ok	0.57						
9830	ok	0.99						
9831	ok	0.91						
9832	ok	0.78						
9833	ok	0.62						
9834	ok	0.51						
9835	ok	0.49						
9836	ok	0.54						
9837	ok	0.76						
9838	ok	0.95						
9839	ok	1.09						
9840	ok	1.19						
9841	ok	0.57						
9842	ok	0.48						
9843	ok	0.33						
9844	ok	0.22						
9845	ok	0.34						
9846	ok	0.46						
9847	ok	0.57						
9848	ok	0.61						
9849	ok	0.61						
9850	ok	3.36						
9851	ok	1.01						
9852	ok	0.71						
9853	ok	3.17						
9854	ok	1.76						
9855	ok	1.09						
9856	ok	1.28						
9857	ok	4.06						
9858	ok	0.0						
9859	ok	0.0						
9860	ok	1.04						
9861	ok	0.96						
9862	ok	1.43						
9863	ok	1.79						
9864	ok	2.58						
9865	ok	0.64						
9866	ok	1.51						
9867	ok	2.44						
9868	ok	0.0						
9869	ok	1.54						
9870	ok	1.93						
9871	ok	2.31						
9872	ok	1.90						
9873	ok	3.94						
9874	ok	1.09						
9875	ok	1.37						
9876	ok	0.64						
9877	ok	0.92						
9878	ok	0.73						
9879	ok	0.33						
9880	ok	0.96						
9881	ok	1.11						
9882	ok	1.37						
9883	ok	2.60						
9884	ok	0.0						
9885	ok	0.0						
9886	ok	4.38						
9887	ok	1.42						
9888	ok Av	14.18	0.40	0.38	13.4	12.4	342.5	317.7

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9889	ok	0.0						
9890	ok	0.0						
9891	ok	0.0						
12899	ok Av	5.35	0.04	0.18	1.4	5.9	36.1	150.7
12900	ok	3.50						
12901	ok	0.92						
12902	ok	2.55						
12903	ok	1.68						
12904	ok	1.24						
12905	ok	0.86						
12906	ok	1.02						
12907	ok	0.61						
12908	ok	3.12						
12909	ok	1.07						
12910	ok	1.41						
12911	ok	1.58						
12912	ok	1.89						
12913	ok	2.42						
12916	ok	0.65						
12917	ok	0.46						
12918	ok	0.34						
12923	ok	2.94						
12924	ok	0.79						
12925	ok	0.58						
12926	ok	0.47						
12927	ok	1.26						
12928	ok	0.67						
12929	ok	0.46						
12930	ok	0.41						
12931	ok	0.87						
12932	ok	0.82						
12933	ok	0.58						
12934	ok	0.0						
12935	ok	4.89						
12940	ok	0.89						
12941	ok	0.84						
12942	ok	0.97						
12943	ok	2.17						
12944	ok	0.67						
12945	ok	1.99						
12946	ok	2.53						
12947	ok Av	6.72	0.10	0.21	3.3	6.9	83.8	176.0
12948	ok	1.74						
12949	ok	3.43						
12950	ok	0.44						
12951	ok	0.66						
12952	ok	0.91						
12953	ok	1.49						
12954	ok	0.54						
12955	ok	0.62						
12956	ok	0.45						
12957	ok	1.55						
12958	ok	3.14						
12959	ok	2.84						
12960	ok	2.51						
12961	ok	1.80						
12962	ok	1.79						
12963	ok	1.28						
12964	ok	1.19						
12965	ok	1.40						
12966	ok	3.69						
12967	ok	4.46						
12968	ok	1.77						
12969	ok	1.60						
12970	ok	1.69						
12971	ok	1.54						
12972	ok	1.20						
12973	ok	2.17						
12974	ok	2.10						
12975	ok	2.02						
12976	ok	1.61						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12977	ok	1.49						
12978	ok	0.0						
12979	ok Av	6.05	0.20	0.07	6.6	2.2	169.6	56.3
12980	ok	3.50						
12981	ok	2.53						
12982	ok	1.49						
12983	ok	4.91						
12984	ok	4.34						
12985	ok	3.94						
12986	ok	2.89						
12987	ok	2.02						
12988	ok	1.54						
12989	ok	0.0						
12990	ok	4.60						
12991	ok	3.56						
12992	ok	2.22						
12993	ok	1.33						
12994	ok	0.0						
12995	ok	0.0						
12996	ok	3.97						
12997	ok	2.68						
12998	ok	1.63						
12999	ok	1.59						
13000	ok	4.84						
13001	ok	3.64						
13002	ok	2.66						
13003	ok	2.00						
13004	ok	3.16						
13005	ok Av	6.45	0.22	0.13	7.3	4.3	185.2	109.6
13006	ok	4.00						
13007	ok	2.51						
13008	ok	1.89						
13009	ok	2.32						
13010	ok	1.99						
13011	ok	1.75						
13012	ok Av	6.41	0.03	0.22	0.8	7.2	21.3	184.7
13013	ok Av	6.66	0.02	0.23	0.5	7.5	13.2	192.8
13014	ok	2.95						
13015	ok	2.50						
13016	ok	1.95						
13017	ok	2.89						
13018	ok	1.68						
13019	ok	1.45						
13020	ok	3.05						
13021	ok Av	10.57	0.08	0.35	2.7	11.7	68.3	299.0
13022	ok	1.34						
13023	ok	1.23						
13024	ok	0.98						
13025	ok	1.98						
13026	ok	0.99						
13027	ok	0.85						
13028	ok	1.91						
13029	ok	0.0						
13030	ok	3.56						
13031	ok	4.25						
13032	ok Av	15.84	0.14	0.52	4.8	17.4	121.8	443.0
13033	ok	0.75						
13034	ok	0.64						
13035	ok	2.95						
13036	ok	0.82						
13037	ok	2.16						
13038	ok Av	6.88	0.03	0.23	1.0	7.8	24.7	198.1
13039	ok	1.56						
13040	ok Av	11.93	0.06	0.40	2.1	13.4	52.5	342.1
13041	ok Av	7.37	0.25	0.16	8.4	5.4	213.8	138.2
13042	ok	1.60						
13043	ok	0.98						
13044	ok	0.79						
13045	ok	0.54						
13046	ok	0.44						
13047	ok	0.90						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13048	ok Av	6.21	0.20	0.12	6.8	3.9	172.4	99.3
13049	ok Av	9.26	0.17	0.27	5.6	8.9	143.4	227.1
13050	ok Av	9.77	0.12	0.31	4.1	10.3	104.2	263.5
13051	ok Av	7.75	0.07	0.25	2.4	8.5	62.5	215.8
13052	ok Av	5.73	0.04	0.19	1.3	6.4	33.8	162.7
13053	ok	2.92						
13054	ok Av	5.31	0.18	0.02	6.0	0.5	153.4	13.9
13055	ok Av	20.70	0.71	0.06	23.5	2.2	599.7	54.9
13056	ok Av	7.85	0.27	0.02	8.9	0.7	227.2	18.3
13057	ok Av	10.58	0.36	0.02	12.0	0.7	306.3	18.2
13058	ok Av	13.37	0.46	0.02	15.2	0.8	387.3	19.4
13059	ok Av	16.26	0.56	0.04	18.4	1.4	470.3	35.3
13060	ok Av	6.50	0.01	0.22	0.4	7.4	10.3	188.2
13061	ok Av	7.01	0.01	0.24	0.4	8.0	9.3	203.2
13062	ok Av	6.45	0.02	0.22	0.6	7.3	14.2	186.5
13063	ok Av	6.33	0.11	0.19	3.5	6.3	89.2	160.6
13064	ok Av	7.15	0.23	0.08	7.6	2.7	195.1	70.0
13065	ok Av	26.18	0.89	0.08	29.6	2.7	757.0	68.3
13066	ok Av	5.52	0.19	0.02	6.2	0.8	158.8	19.6
13067	ok	2.36						
13068	ok Av	12.07	0.05	0.41	1.7	13.6	44.3	347.3
13069	ok Av	12.16	0.05	0.41	1.6	13.7	41.2	350.8
13070	ok Av	10.79	0.06	0.36	2.1	12.1	53.2	308.4
13071	ok Av	18.17	0.11	0.61	3.5	20.3	89.8	519.2
13072	ok Av	16.75	0.07	0.57	2.3	18.9	59.5	482.0
13073	ok Av	14.02	0.05	0.48	1.6	15.9	40.3	405.6
13074	ok	0.0						
13075	ok	0.0						
13077	ok	0.0						
13078	ok	4.49						
13079	ok Av	6.08	0.02	0.21	0.8	6.9	19.8	175.1
13504	ok	0.0						
13511	ok	0.0						
13523	ok Av	6.53	0.22	0.02	7.4	0.7	188.8	17.9
13534	ok Av	10.16	0.35	0.03	11.5	0.9	294.0	22.1
13541	ok	4.64						
13548	ok Av	5.24	0.17	0.05	5.7	1.8	145.2	44.9
13555	ok	0.0						
13558	ok	2.54						
13565	ok	2.54						
13576	ok	0.0						
13579	ok	0.0						
13590	ok	0.0						
16275	ok	3.65						
16278	ok Av	13.75	0.11	0.46	3.5	15.3	56.8	247.4
16279	ok	5.44						
16280	ok	2.52						
16658	ok Av	7.37	0.01	0.25	0.4	8.4	11.1	213.6
16659	ok Av	7.98	0.26	0.10	8.6	3.2	219.6	80.4
16660	ok	3.80						
16661	ok	2.49						
16662	ok	1.80						
16663	ok	1.16						
16664	ok	4.08						
16665	ok Av	23.87	0.31	0.77	10.1	25.4	259.1	648.6
16666	ok Av	37.43	0.87	0.94	29.0	31.1	739.9	794.2
16713	ok Av	7.96	0.26	0.07	8.8	2.2	224.3	57.4
16715	ok Av	8.79	0.22	0.21	7.3	6.9	187.2	177.0
16716	ok	1.78						
16717	ok	2.15						
16718	ok	1.96						
16719	ok	2.58						
16724	ok Av	5.93	0.20	0.07	6.5	2.3	165.3	59.7
16725	ok Av	25.26	0.41	0.80	13.5	26.5	344.4	676.2
16726	ok Av	41.01	1.00	0.94	36.5	31.3	867.4	799.0
16959	ok	3.02						
16960	ok	1.49						
16961	ok	3.82						
16963	ok Av	13.40	0.12	0.44	4.1	14.6	67.1	237.2
16964	ok	1.34						
16965	ok	1.54						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16966	ok Av	10.64	0.04	0.36	1.3	12.1	20.5	195.5
16967	ok	2.00						
16968	ok	1.47						
16969	ok	3.19						
16970	ok Av	7.52	0.21	0.20	6.9	6.7	111.4	108.1
16971	ok	1.71						
16972	ok	0.88						
16973	ok	1.14						
16974	ok	2.87						
16975	ok	0.84						
16976	ok	1.45						
16977	ok	2.80						
16978	ok Av	7.74	0.04	0.26	1.5	8.8	23.6	142.0
16979	ok	0.94						
16980	ok	0.57						
16981	ok	0.74						
16982	ok	0.97						
16983	ok	0.92						
16984	ok	1.34						
16985	ok	1.99						
16986	ok	4.16						
16987	ok	4.92						
16988	ok	0.97						
16989	ok	0.82						
16990	ok	2.02						
17078	ok Av	15.49	0.15	0.52	4.9	17.2	79.9	278.9
17081	ok	5.04						
17082	ok	5.48						
17084	ok	1.64						
17089	ok	1.61						
17091	ok	2.35						
17094	ok Av	13.81	0.37	0.44	12.3	14.4	198.5	233.8
17097	ok	4.77						
17099	ok	2.82						
17101	ok	2.73						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		41.01	1.00	1.00	36.52	35.65	867.43	875.06

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
8	30.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
5415	ok	0.0	0.3	1.37e-02	11.8	11.8	11.8	11.8	-57.3	13.9	-26.7	18.5	16.6	-4.0
5416	ok	0.0	0.4	1.45e-02	11.8	11.8	11.8	11.8	-60.4	2.5	-56.7	36.4	24.4	0.3
5417	ok	0.0	0.5	9.85e-03	11.8	11.8	11.8	11.8	-14.6	-5.3	-40.7	31.1	36.3	18.9
5418	ok	0.0	0.6	8.17e-03	11.8	11.8	11.8	11.8	-6.8	-10.0	-31.5	27.5	54.1	13.6
5419	ok	0.0	0.5	1.59e-02	11.8	11.8	11.8	11.8	58.9	10.3	11.3	-34.9	-3.0	-13.1
5420	ok	0.0	0.4	7.52e-03	11.8	11.8	11.8	11.8	14.8	-0.7	9.8	-24.0	-5.0	-14.3
5421	ok	0.0	0.2	3.57e-03	11.8	11.8	11.8	11.8	-3.5	0.3	-4.3	-17.9	-7.4	-9.4
5422	ok	0.0	0.3	3.86e-03	11.8	11.8	11.8	11.8	20.3	-3.3	-14.1	-20.0	-9.8	5.7
5489	ok	0.0	0.9	6.37e-03	11.8	11.8	11.8	11.8	-7.4	-12.0	-30.4	19.0	84.8	3.3
5513	ok	0.0	0.5	5.61e-03	11.8	11.8	11.8	11.8	-8.8	-6.7	-27.8	6.0	52.8	-3.7
6595	ok	0.0	0.4	1.45e-02	11.8	11.8	11.8	11.8	49.1	7.3	17.9	-30.2	-3.4	-14.5
9144	ok	0.0	0.5	2.52e-02	11.8	11.8	11.8	11.8	95.3	12.1	12.9	-35.2	-1.6	-5.8
10024	ok	0.0	0.2	1.10e-02	11.8	11.8	11.8	11.8	-1.0	-48.2	6.3	-2.5	-9.6	-15.2
10025	ok	0.0	0.3	2.68e-03	11.8	11.8	11.8	11.8	-5.2	-6.2	10.1	-10.9	-7.1	-14.8
10026	ok	0.0	0.3	6.51e-03	11.8	11.8	11.8	11.8	17.5	-14.3	-12.0	-14.5	-14.2	3.6
10029	ok	0.0	0.4	1.53e-02	11.8	11.8	11.8	11.8	45.9	-2.3	17.6	-23.5	-2.5	-18.3
10030	ok	0.0	0.5	2.40e-02	11.8	11.8	11.8	11.8	7.4	0.4	2.3	-32.2	1.5	-3.7
10031	ok	0.0	0.2	1.20e-02	11.8	11.8	11.8	11.8	-5.2	-48.8	-0.3	-4.9	-17.5	5.0
10032	ok	0.0	0.5	1.21e-02	11.8	11.8	11.8	11.8	-12.3	-32.5	-14.3	-19.2	-32.6	24.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10033	ok	0.0	0.4	1.43e-02	11.8	11.8	11.8	11.8	-23.3	-5.4	-35.8	-4.6	-40.4	-15.6
10034	ok	0.0	0.3	2.03e-02	11.8	11.8	11.8	11.8	83.1	8.7	-18.3	-8.4	-8.5	6.4
10035	ok	0.0	0.5	4.06e-02	11.8	11.8	11.8	11.8	-46.7	-35.5	-24.0	4.5	46.1	6.8
10036	ok	0.0	0.6	2.86e-02	11.8	11.8	11.8	11.8	-116.7	15.2	-48.0	50.7	27.4	-14.3
10037	ok	0.0	0.8	1.44e-02	11.8	11.8	11.8	11.8	-29.8	41.5	-43.2	68.6	29.7	-11.7
10042	ok	0.0	0.7	1.03e-02	11.8	11.8	11.8	11.8	-14.8	-1.0	-45.8	69.6	32.3	6.0
10047	ok	0.0	0.9	8.51e-03	11.8	11.8	11.8	12.1	-7.0	-9.2	-32.7	44.3	75.0	24.1
10048	ok	0.0	0.6	3.29e-02	11.8	11.8	11.8	11.8	3.2	7.0	-16.4	-30.0	-6.1	-17.8
10049	ok	0.0	0.3	8.03e-03	11.8	11.8	11.8	11.8	12.3	-5.1	10.3	-17.9	-6.4	-17.6
17150	ok	0.0	1.0	2.74e-02	11.8	15.5	11.8	12.6	-107.6	23.0	21.7	85.1	49.5	-49.9
17179	ok	0.0	1.0	1.59e-02	11.8	13.0	11.8	11.8	-50.8	6.6	-41.1	104.2	27.2	-4.9
17180	ok	0.0	0.9	9.79e-03	11.8	11.8	11.8	11.8	-16.7	8.6	-43.5	82.5	15.0	4.2
17181	ok	0.0	0.9	7.95e-03	11.8	12.3	11.8	11.8	-5.4	10.0	-47.8	88.3	28.1	12.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-116.66	-48.83	-56.70	-35.22	-40.37	-49.87
		0.0	0.99	0.04	11.83	15.48	11.83	12.60	95.29	41.45	21.68	104.17	84.84	24.36

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
5415	ok	3.18						
5416	ok	3.61						
5417	ok	3.81						
5418	ok Av	7.13	0.23	0.10	7.7	3.3	155.8	67.8
5419	ok	3.35						
5420	ok	1.26						
5421	ok	1.67						
5422	ok	2.13						
5489	ok Av	5.93	0.20	0.05	6.6	1.5	132.9	30.7
5513	ok	3.78						
6595	ok	1.56						
9144	ok Av	7.74	0.27	4.22e-03	8.8	0.1	178.0	2.8
10024	ok Av	7.39	0.02	0.25	0.8	8.4	16.3	169.8
10025	ok	2.43						
10026	ok Av	6.52	0.04	0.22	1.3	7.3	26.5	147.8
10029	ok	5.27						
10030	ok Av	12.54	0.43	0.05	14.2	1.6	288.0	31.6
10031	ok	4.55						
10032	ok Av	9.15	0.18	0.26	5.9	8.5	120.5	172.5
10033	ok Av	12.06	0.08	0.41	2.8	13.7	56.2	276.8
10034	ok Av	7.40	0.24	0.09	8.0	2.8	161.3	57.1
10035	ok Av	18.90	0.37	0.57	12.4	18.9	251.0	383.7
10036	ok Av	10.54	0.21	0.30	6.8	10.0	137.7	203.2
10037	ok	5.21						
10042	ok	4.83						
10047	ok Av	8.16	0.23	0.15	7.7	5.1	156.3	103.7
10048	ok Av	8.89	0.08	0.30	2.5	10.1	51.6	204.4
10049	ok	2.65						
17150	ok Av	12.10	0.38	0.25	12.8	8.4	258.4	170.2
17179	ok Av	6.91	0.17	0.17	5.7	5.5	114.7	111.7
17180	ok	3.61						
17181	ok Av	6.53	0.07	0.22	2.4	7.4	49.5	149.5
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		18.90	0.43	0.57	14.22	18.95	287.95	383.67

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
20	36.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
6584	ok	0.0	0.4	1.47e-02	11.8	11.8	11.8	11.8	-55.7	6.3	19.3	44.3	4.3	9.3
6585	ok	0.0	0.4	1.58e-02	11.8	11.8	11.8	11.8	-68.9	7.4	-15.2	28.4	3.8	7.9
6586	ok	0.0	0.4	1.00e-02	11.8	11.8	11.8	11.8	107.2	5.3	-22.6	-39.5	-0.2	-4.6
9138	ok	0.0	0.5	1.19e-02	11.8	11.8	11.8	11.8	122.5	3.8	4.0	-40.5	-0.2	-0.9
16698	ok	0.0	0.7	1.16e-02	11.8	11.8	11.8	11.8	235.7	-16.5	44.8	47.1	-3.0	5.9
16699	ok	0.0	0.5	2.03e-02	11.8	11.8	11.8	11.8	-91.6	-7.5	24.1	32.0	3.0	6.5
16700	ok	0.0	0.5	1.75e-02	11.8	11.8	11.8	11.8	-72.5	-21.0	19.1	28.9	4.5	8.1
16701	ok	0.0	0.5	4.29e-02	11.8	11.8	11.8	11.8	-136.0	-16.3	-34.6	-22.4	-12.1	-27.2
16713	ok	0.0	1.0	1.87e-02	11.8	20.3	11.8	14.2	432.8	91.1	168.6	91.3	26.6	51.4
16715	ok	0.0	0.5	5.55e-02	11.8	11.8	11.8	11.8	101.2	-72.8	-99.5	49.9	-9.6	-1.5
16717	ok	0.0	0.5	1.23e-02	11.8	11.8	11.8	11.8	113.9	3.4	-14.1	-40.8	0.3	-4.1
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-136.05	-72.76	-99.52	-40.81	-12.08	-27.16
		0.0	0.99	0.06	11.83	20.32	11.83	14.25	432.76	91.14	168.60	91.29	26.64	51.39

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
6584	ok	3.96						
6585	ok	1.31						
6586	ok	1.11						
9138	ok Av	6.44	0.22	0.02	7.3	0.5	186.3	13.6
16698	ok Av	11.32	0.39	0.05	12.8	1.7	326.0	44.7
16699	ok Av	7.25	0.25	0.03	8.2	0.9	209.3	22.2
16700	ok	3.01						
16701	ok Av	7.32	0.24	0.06	8.1	1.8	207.0	47.0
16713	ok Av	8.06	0.23	0.16	7.6	5.3	193.2	135.6
16715	ok Av	6.50	0.22	0.02	7.3	0.8	187.4	21.1
16717	ok	1.95						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		11.32	0.39	0.16	12.77	5.31	325.96	135.58

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
25	36.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
12949	ok	0.0	0.1	0.0	11.8	11.8	11.8	11.8	4.8	7.9	-4.2	6.8	-0.2	0.2
13049	ok	0.0	0.5	7.35e-04	11.8	11.8	11.8	11.8	4.1	-4.0	1.5	62.3	-17.3	-16.8
16666	ok	0.0	0.9	1.45e-03	11.8	16.0	11.8	11.8	12.5	-4.9	-10.9	139.2	27.7	-22.4
16749	ok	0.0	0.4	1.11e-03	11.8	11.8	11.8	11.8	-5.7	6.4	5.4	-47.3	-11.5	10.1
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-5.74	-4.93	-10.93	-47.28	-17.26	-22.43
		0.0	0.90	1.45e-03	11.83	16.02	11.83	11.83	12.53	7.90	5.40	139.19	27.71	10.15

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
12949	ok Av	6.21	0.19	0.10	6.3	3.2	161.1	80.8
13049	ok Av	6.81	0.03	0.23	0.9	7.7	22.8	197.5
16666	ok Av	30.85	0.82	0.67	27.0	22.3	690.1	569.3
16749	ok Av	10.74	0.19	0.31	6.4	10.4	163.0	265.4

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		30.85	0.82	0.67	27.03	22.30	690.07	569.31

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
26	36.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
6599	ok	0.0	0.9	3.59e-03	11.8	15.0	11.8	11.8	19.9	-0.2	2.4	101.3	-1.4	-24.0
6606	ok	0.0	1.0	5.35e-03	11.8	17.3	11.8	11.8	9.3	5.4	-7.8	166.9	-6.4	-7.0
16726	ok	0.0	0.9	4.29e-03	11.8	26.6	11.8	11.8	23.0	-7.4	-9.6	210.3	40.9	-50.2
16750	ok	0.0	0.9	5.71e-03	11.8	16.7	11.8	11.8	57.9	30.2	0.9	152.6	-13.3	9.2
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									9.25	-7.36	-9.58	101.35	-13.35	-50.16
		0.0	0.96	5.71e-03	11.83	26.59	11.83	11.83	57.91	30.18	2.36	210.33	40.88	9.24

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
6599	ok Av	11.97	0.33	0.27	11.1	9.1	282.5	231.4
6606	ok Av	5.90	0.09	0.18	2.9	6.1	73.5	154.6
16726	ok Av	28.61	0.64	0.74	21.3	24.5	544.0	626.3
16750	ok Av	18.83	0.57	0.29	19.0	9.8	486.0	249.4
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		28.61	0.64	0.74	21.31	24.53	543.99	626.34

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
5140	0.05	0.13	0.06	307,302,334	0.0	0.0	0.0	0,0,0
5141	0.06	0.14	0.07	307,316,334	0.0	0.0	0.0	0,0,0
5142	0.06	0.15	0.07	315,316,334	0.0	0.0	0.0	0,0,0
5143	0.07	0.15	0.08	315,316,334	0.0	0.0	0.0	0,0,0
5144	0.06	0.14	0.07	307,302,334	0.0	0.0	0.0	0,0,0
5145	0.06	0.15	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5146	0.07	0.16	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5147	0.07	0.16	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5148	0.06	0.13	0.07	307,302,334	0.0	0.0	0.0	0,0,0
5149	0.06	0.15	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5150	0.07	0.16	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5151	0.07	0.16	0.08	315,316,334	0.0	0.0	0.0	0,0,0
5152	0.06	0.13	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5153	0.06	0.15	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5154	0.07	0.15	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5155	0.07	0.15	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5156	0.06	0.13	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5157	0.06	0.13	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5158	0.06	0.13	0.08	315,302,334	0.0	0.0	0.0	0,0,0
5159	0.06	0.13	0.07	315,302,333	0.0	0.0	0.0	0,0,0
5160	0.07	0.14	0.08	316,316,334	0.0	0.0	0.0	0,0,0
5161	0.06	0.13	0.07	316,316,334	0.0	0.0	0.0	0,0,0
5162	0.06	0.13	0.08	315,316,334	0.0	0.0	0.0	0,0,0
5163	0.06	0.12	0.07	316,316,334	0.0	0.0	0.0	0,0,0
5164	0.08	0.17	0.09	308,308,334	0.0	0.0	0.0	0,0,0
5165	0.09	0.19	0.11	316,316,334	0.0	0.0	0.0	0,0,0
5166	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
5167	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
5168	0.10	0.17	0.12	301,302,333	0.0	0.0	0.0	0,0,0
5169	0.10	0.18	0.11	301,302,333	0.0	0.0	0.0	0,0,0
5170	0.08	0.15	0.09	315,302,333	0.0	0.0	0.0	0,0,0
5171	0.10	0.19	0.12	308,302,334	0.0	0.0	0.0	0,0,0
5172	0.09	0.18	0.10	316,302,333	0.0	0.0	0.0	0,0,0
5173	0.08	0.16	0.09	315,302,334	0.0	0.0	0.0	0,0,0
5174	0.11	0.23	0.14	308,302,334	0.0	0.0	0.0	0,0,0
5175	0.10	0.20	0.12	308,302,334	0.0	0.0	0.0	0,0,0
5176	0.08	0.16	0.09	308,316,334	0.0	0.0	0.0	0,0,0
5178	0.14	0.30	0.17	315,315,333	0.0	0.0	0.0	0,0,0
5179	0.08	0.16	0.09	315,315,334	0.0	0.0	0.0	0,0,0
5181	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5182	0.07	0.15	0.09	315,315,334	0.0	0.0	0.0	0,0,0
5184	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
5185	0.07	0.13	0.08	315,307,333	0.0	0.0	0.0	0,0,0
5187	0.10	0.21	0.11	301,301,333	0.0	0.0	0.0	0,0,0
5188	0.07	0.12	0.09	315,302,333	0.0	0.0	0.0	0,0,0
5190	0.29	0.62	0.35	315,315,334	0.26	0.25	0.24	316,323,333
5191	0.09	0.26	0.11	315,322,334	0.0	0.0	0.0	0,0,0
5193	0.23	0.50	0.29	315,315,334	0.0	0.0	0.0	0,0,0
5194	0.09	0.21	0.11	315,316,334	0.0	0.0	0.0	0,0,0
5196	0.18	0.38	0.22	315,315,334	0.0	0.0	0.0	0,0,0
5197	0.09	0.19	0.11	315,315,334	0.0	0.0	0.0	0,0,0
5199	0.15	0.33	0.19	315,315,334	0.0	0.0	0.0	0,0,0
5200	0.08	0.17	0.10	315,315,334	0.0	0.0	0.0	0,0,0
5201	0.11	0.23	0.13	316,302,334	0.0	0.0	0.0	0,0,0
5202	0.10	0.21	0.12	308,302,334	0.0	0.0	0.0	0,0,0
5203	0.11	0.23	0.14	308,302,334	0.0	0.0	0.0	0,0,0
5204	0.05	0.16	0.06	302,306,333	0.0	0.0	0.0	0,0,0
5205	0.08	0.20	0.10	302,302,333	0.0	0.0	0.0	0,0,0
5206	0.09	0.21	0.11	302,302,333	0.0	0.0	0.0	0,0,0
5207	0.09	0.21	0.11	302,302,333	0.0	0.0	0.0	0,0,0
5208	0.04	0.14	0.06	302,306,334	0.0	0.0	0.0	0,0,0
5209	0.07	0.18	0.09	302,302,333	0.0	0.0	0.0	0,0,0
5210	0.08	0.19	0.10	302,302,333	0.0	0.0	0.0	0,0,0
5211	0.08	0.19	0.10	302,302,333	0.0	0.0	0.0	0,0,0
5212	0.03	0.11	0.05	308,306,334	0.0	0.0	0.0	0,0,0
5213	0.05	0.13	0.07	302,302,333	0.0	0.0	0.0	0,0,0
5214	0.06	0.14	0.08	302,302,333	0.0	0.0	0.0	0,0,0
5215	0.07	0.14	0.08	302,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5216	0.04	0.11	0.05	307,302,334	0.0	0.0	0.0	0,0,0
5217	0.05	0.13	0.06	307,316,334	0.0	0.0	0.0	0,0,0
5218	0.05	0.13	0.06	302,316,333	0.0	0.0	0.0	0,0,0
5219	0.06	0.14	0.07	302,302,333	0.0	0.0	0.0	0,0,0
5220	0.19	0.41	0.23	316,316,333	0.0	0.0	0.0	0,0,0
5221	0.16	0.34	0.19	316,316,333	0.0	0.0	0.0	0,0,0
5222	0.12	0.27	0.15	316,302,333	0.0	0.0	0.0	0,0,0
5223	0.14	0.31	0.17	316,316,334	0.0	0.0	0.0	0,0,0
5224	0.13	0.28	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5225	0.11	0.25	0.14	316,302,334	0.0	0.0	0.0	0,0,0
5226	0.11	0.23	0.13	308,316,334	0.0	0.0	0.0	0,0,0
5227	0.11	0.23	0.13	308,302,334	0.0	0.0	0.0	0,0,0
5228	0.11	0.22	0.13	308,302,334	0.0	0.0	0.0	0,0,0
5229	0.20	0.41	0.23	310,310,334	0.0	0.0	0.0	0,0,0
5230	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
5231	0.19	0.39	0.23	309,310,334	0.0	0.0	0.0	0,0,0
5232	0.19	0.39	0.22	310,310,334	0.0	0.0	0.0	0,0,0
5233	0.20	0.42	0.24	310,310,334	0.0	0.0	0.0	0,0,0
5234	0.19	0.41	0.23	310,310,334	0.0	0.0	0.0	0,0,0
5235	0.19	0.41	0.23	310,310,334	0.0	0.0	0.0	0,0,0
5236	0.24	0.51	0.29	310,310,334	0.0	0.0	0.0	0,0,0
5237	0.23	0.49	0.27	310,310,334	0.0	0.0	0.0	0,0,0
5238	0.23	0.49	0.27	310,310,334	0.0	0.0	0.0	0,0,0
5239	0.06	0.63	0.07	301,306,333	0.0	0.0	0.0	0,0,0
5240	0.09	0.58	0.11	302,306,333	0.0	0.0	0.0	0,0,0
5241	0.10	0.22	0.12	308,316,334	0.0	0.0	0.0	0,0,0
5242	0.10	0.22	0.12	316,316,334	0.0	0.0	0.0	0,0,0
5243	0.10	0.21	0.12	315,316,334	0.0	0.0	0.0	0,0,0
5244	0.08	0.17	0.09	315,316,334	0.0	0.0	0.0	0,0,0
5261	0.22	0.48	0.27	316,316,333	0.0	0.0	0.0	0,0,0
5262	0.15	0.34	0.18	316,316,334	0.0	0.0	0.0	0,0,0
5263	0.11	0.23	0.13	308,316,334	0.0	0.0	0.0	0,0,0
5264	0.10	0.21	0.12	308,316,334	0.0	0.0	0.0	0,0,0
5265	0.10	0.22	0.12	308,316,334	0.0	0.0	0.0	0,0,0
5266	0.09	0.20	0.11	307,316,334	0.0	0.0	0.0	0,0,0
5267	0.08	0.17	0.09	307,316,334	0.0	0.0	0.0	0,0,0
5272	0.31	0.65	0.37	316,316,334	0.28	0.26	0.25	316,323,333
5273	0.28	0.61	0.34	316,316,334	0.26	0.24	0.24	316,327,334
5274	0.27	0.59	0.33	316,316,334	0.25	0.24	0.23	316,327,334
5275	0.26	0.57	0.31	316,316,334	0.24	0.23	0.0	316,323,0
5276	0.24	0.53	0.29	316,316,334	0.23	0.0	0.0	316,0,0
5277	0.21	0.44	0.25	316,316,334	0.0	0.0	0.0	0,0,0
5278	0.19	0.42	0.23	316,316,334	0.0	0.0	0.0	0,0,0
5279	0.18	0.40	0.22	316,316,334	0.0	0.0	0.0	0,0,0
5280	0.17	0.38	0.21	316,316,334	0.0	0.0	0.0	0,0,0
5281	0.16	0.36	0.20	316,316,334	0.0	0.0	0.0	0,0,0
5282	0.12	0.25	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5283	0.12	0.25	0.14	316,316,334	0.0	0.0	0.0	0,0,0
5284	0.11	0.25	0.13	316,316,334	0.0	0.0	0.0	0,0,0
5285	0.11	0.24	0.13	316,316,334	0.0	0.0	0.0	0,0,0
5286	0.10	0.23	0.12	308,316,334	0.0	0.0	0.0	0,0,0
5287	0.06	0.09	0.07	308,308,334	0.0	0.0	0.0	0,0,0
5288	0.06	0.10	0.07	308,308,334	0.0	0.0	0.0	0,0,0
5289	0.06	0.11	0.07	308,316,334	0.0	0.0	0.0	0,0,0
5290	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
5291	0.05	0.10	0.05	301,301,333	0.0	0.0	0.0	0,0,0
5292	0.05	0.09	0.06	301,301,333	0.0	0.0	0.0	0,0,0
5293	0.06	0.13	0.07	301,301,333	0.0	0.0	0.0	0,0,0
5294	0.07	0.13	0.08	301,301,333	0.0	0.0	0.0	0,0,0
5295	0.08	0.14	0.09	301,302,333	0.0	0.0	0.0	0,0,0
5296	0.20	0.43	0.24	308,308,334	0.0	0.0	0.0	0,0,0
5297	0.20	0.43	0.25	308,308,334	0.0	0.0	0.0	0,0,0
5298	0.16	0.34	0.19	308,308,334	0.0	0.0	0.0	0,0,0
5299	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
5300	0.06	0.13	0.07	308,308,334	0.0	0.0	0.0	0,0,0
5301	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
5302	0.39	0.68	0.47	308,308,334	0.26	0.27	0.26	308,327,334
5303	0.39	0.71	0.47	308,308,334	0.30	0.29	0.28	308,327,334
5304	0.17	0.36	0.20	308,308,334	0.0	0.0	0.0	0,0,0
5305	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
5306	0.06	0.12	0.07	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5307	0.06	0.13	0.07	301,301,333	0.0	0.0	0.0	0,0,0
5308	0.15	0.32	0.18	308,308,334	0.0	0.0	0.0	0,0,0
5309	0.15	0.32	0.18	308,308,334	0.0	0.0	0.0	0,0,0
5310	0.13	0.28	0.16	308,308,334	0.0	0.0	0.0	0,0,0
5311	0.09	0.19	0.10	308,308,334	0.0	0.0	0.0	0,0,0
5312	0.06	0.13	0.08	308,308,334	0.0	0.0	0.0	0,0,0
5313	0.06	0.11	0.07	308,308,334	0.0	0.0	0.0	0,0,0
5322	0.11	0.23	0.13	308,308,334	0.0	0.0	0.0	0,0,0
5323	0.14	0.30	0.17	308,308,334	0.0	0.0	0.0	0,0,0
5324	0.21	0.46	0.26	308,308,334	0.0	0.0	0.0	0,0,0
5325	0.23	0.49	0.28	316,308,334	0.0	0.0	0.0	0,0,0
5326	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
5327	0.38	0.61	0.46	316,316,334	0.25	0.23	0.23	316,327,334
5328	0.30	0.64	0.37	316,316,334	0.27	0.25	0.25	316,323,333
5329	0.35	0.75	0.42	316,316,334	0.32	0.32	0.31	316,323,333
5330	0.22	0.42	0.26	316,316,334	0.0	0.0	0.0	0,0,0
5331	0.22	0.44	0.26	316,316,334	0.0	0.0	0.0	0,0,0
5332	0.22	0.45	0.26	316,316,334	0.0	0.0	0.0	0,0,0
5333	0.12	0.22	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5334	0.13	0.25	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5335	0.13	0.25	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5336	0.14	0.31	0.17	308,308,334	0.0	0.0	0.0	0,0,0
5337	0.24	0.52	0.30	308,308,334	0.22	0.0	0.0	308,0,0
5338	0.38	0.58	0.46	315,308,334	0.25	0.23	0.23	308,327,334
5339	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
5340	0.11	0.25	0.14	308,308,334	0.0	0.0	0.0	0,0,0
5341	0.15	0.33	0.19	316,316,334	0.0	0.0	0.0	0,0,0
5342	0.16	0.33	0.19	316,316,334	0.0	0.0	0.0	0,0,0
5343	0.19	0.40	0.23	308,308,334	0.0	0.0	0.0	0,0,0
5344	0.13	0.27	0.15	302,302,333	0.0	0.0	0.0	0,0,0
5345	0.12	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
5346	0.44	0.60	0.54	307,307,334	0.22	0.22	0.22	307,327,334
5347	0.32	0.65	0.39	308,308,334	0.27	0.26	0.25	308,327,334
5348	0.14	0.29	0.17	308,308,334	0.0	0.0	0.0	0,0,0
5349	0.14	0.29	0.17	308,302,334	0.0	0.0	0.0	0,0,0
5350	0.11	0.23	0.14	308,302,334	0.0	0.0	0.0	0,0,0
5351	0.09	0.19	0.11	308,308,334	0.0	0.0	0.0	0,0,0
5352	0.08	0.16	0.09	301,302,333	0.0	0.0	0.0	0,0,0
5353	0.08	0.17	0.10	308,308,334	0.0	0.0	0.0	0,0,0
5354	0.11	0.23	0.14	308,308,334	0.0	0.0	0.0	0,0,0
5355	0.08	0.16	0.10	301,302,333	0.0	0.0	0.0	0,0,0
5356	0.07	0.14	0.08	308,316,333	0.0	0.0	0.0	0,0,0
5357	0.11	0.23	0.14	308,308,334	0.0	0.0	0.0	0,0,0
5358	0.06	0.11	0.07	301,302,333	0.0	0.0	0.0	0,0,0
5359	0.07	0.13	0.08	301,302,333	0.0	0.0	0.0	0,0,0
5360	0.36	0.67	0.44	316,316,333	0.24	0.27	0.26	316,323,333
5361	0.29	0.55	0.35	316,316,333	0.21	0.20	0.20	316,323,333
5362	0.12	0.28	0.15	316,316,333	0.0	0.0	0.0	0,0,0
5363	0.06	0.14	0.07	316,316,334	0.0	0.0	0.0	0,0,0
5364	0.27	0.39	0.33	316,315,333	0.14	0.0	0.0	316,0,0
5365	0.45	0.71	0.55	316,316,334	0.27	0.28	0.28	316,327,334
5366	0.20	0.43	0.24	316,316,333	0.0	0.0	0.0	0,0,0
5367	0.19	0.40	0.23	316,316,333	0.0	0.0	0.0	0,0,0
5368	0.11	0.25	0.14	316,316,333	0.0	0.0	0.0	0,0,0
5369	0.06	0.13	0.08	308,308,334	0.0	0.0	0.0	0,0,0
5370	0.16	0.27	0.19	316,316,334	0.0	0.0	0.0	0,0,0
5371	0.22	0.39	0.26	316,316,334	0.0	0.0	0.0	0,0,0
5372	0.14	0.30	0.17	316,316,333	0.0	0.0	0.0	0,0,0
5373	0.14	0.30	0.17	316,316,333	0.0	0.0	0.0	0,0,0
5374	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
5375	0.08	0.17	0.09	308,308,334	0.0	0.0	0.0	0,0,0
5376	0.10	0.17	0.12	308,308,334	0.0	0.0	0.0	0,0,0
5377	0.11	0.18	0.13	316,308,334	0.0	0.0	0.0	0,0,0
5378	0.17	0.38	0.21	316,316,333	0.0	0.0	0.0	0,0,0
5379	0.16	0.35	0.19	316,316,333	0.0	0.0	0.0	0,0,0
5380	0.12	0.25	0.14	316,316,333	0.0	0.0	0.0	0,0,0
5381	0.07	0.14	0.09	301,302,333	0.0	0.0	0.0	0,0,0
5382	0.08	0.15	0.09	301,302,333	0.0	0.0	0.0	0,0,0
5383	0.08	0.16	0.10	301,302,333	0.0	0.0	0.0	0,0,0
5384	0.09	0.16	0.10	301,302,333	0.0	0.0	0.0	0,0,0
5385	0.09	0.18	0.11	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5386	0.09	0.19	0.12	301,302,333	0.0	0.0	0.0	0,0,0
5387	0.09	0.19	0.12	301,302,333	0.0	0.0	0.0	0,0,0
5388	0.09	0.19	0.11	301,302,333	0.0	0.0	0.0	0,0,0
5389	0.08	0.16	0.10	301,302,333	0.0	0.0	0.0	0,0,0
5390	0.09	0.18	0.11	301,302,333	0.0	0.0	0.0	0,0,0
5391	0.18	0.37	0.22	308,308,334	0.0	0.0	0.0	0,0,0
5392	0.19	0.39	0.23	308,308,334	0.0	0.0	0.0	0,0,0
5393	0.08	0.17	0.10	308,308,334	0.0	0.0	0.0	0,0,0
5394	0.09	0.19	0.11	308,302,334	0.0	0.0	0.0	0,0,0
5395	0.11	0.22	0.13	308,308,334	0.0	0.0	0.0	0,0,0
5396	0.14	0.28	0.17	308,302,334	0.0	0.0	0.0	0,0,0
5397	0.06	0.12	0.07	316,316,334	0.0	0.0	0.0	0,0,0
5398	0.05	0.12	0.06	316,316,334	0.0	0.0	0.0	0,0,0
5399	0.05	0.12	0.06	308,316,333	0.0	0.0	0.0	0,0,0
5400	0.06	0.13	0.07	301,316,333	0.0	0.0	0.0	0,0,0
5401	0.06	0.14	0.08	301,316,333	0.0	0.0	0.0	0,0,0
5402	0.09	0.20	0.11	302,302,333	0.0	0.0	0.0	0,0,0
5403	0.16	0.35	0.20	316,316,333	0.0	0.0	0.0	0,0,0
5404	0.08	0.18	0.10	302,302,333	0.0	0.0	0.0	0,0,0
5405	0.15	0.34	0.19	316,316,333	0.0	0.0	0.0	0,0,0
5406	0.07	0.15	0.08	302,302,333	0.0	0.0	0.0	0,0,0
5407	0.09	0.20	0.11	316,322,333	0.0	0.0	0.0	0,0,0
5408	0.07	0.16	0.09	302,302,333	0.0	0.0	0.0	0,0,0
5409	0.09	0.20	0.11	302,302,333	0.0	0.0	0.0	0,0,0
5410	0.34	0.66	0.43	316,316,333	0.25	0.27	0.27	316,326,333
5411	0.25	0.56	0.32	316,316,333	0.24	0.23	0.22	316,326,333
5412	0.14	0.30	0.18	316,316,333	0.0	0.0	0.0	0,0,0
5413	0.10	0.23	0.12	315,316,333	0.0	0.0	0.0	0,0,0
5414	0.08	0.17	0.09	301,302,333	0.0	0.0	0.0	0,0,0
5415	0.09	0.20	0.11	302,316,333	0.0	0.0	0.0	0,0,0
5416	0.08	0.17	0.09	301,302,333	0.0	0.0	0.0	0,0,0
5417	0.09	0.20	0.11	315,316,333	0.0	0.0	0.0	0,0,0
5418	0.07	0.17	0.09	315,302,333	0.0	0.0	0.0	0,0,0
5419	0.08	0.18	0.10	315,316,333	0.0	0.0	0.0	0,0,0
5420	0.06	0.15	0.08	315,302,333	0.0	0.0	0.0	0,0,0
5421	0.07	0.15	0.08	315,316,333	0.0	0.0	0.0	0,0,0
5422	0.05	0.12	0.06	315,302,333	0.0	0.0	0.0	0,0,0
5423	0.05	0.11	0.05	315,302,333	0.0	0.0	0.0	0,0,0
5424	0.05	0.09	0.06	316,316,334	0.0	0.0	0.0	0,0,0
5425	0.04	0.09	0.05	315,316,334	0.0	0.0	0.0	0,0,0
5426	0.08	0.16	0.10	316,316,334	0.0	0.0	0.0	0,0,0
5427	0.08	0.18	0.10	308,308,334	0.0	0.0	0.0	0,0,0
5428	0.13	0.27	0.15	316,308,334	0.0	0.0	0.0	0,0,0
5429	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
5430	0.20	0.42	0.24	308,316,334	0.0	0.0	0.0	0,0,0
5431	0.19	0.40	0.23	308,308,334	0.0	0.0	0.0	0,0,0
5432	0.38	0.60	0.47	308,308,334	0.21	0.22	0.22	308,327,334
5433	0.22	0.48	0.27	308,308,334	0.0	0.0	0.0	0,0,0
5434	0.16	0.36	0.20	315,316,333	0.0	0.0	0.0	0,0,0
5435	0.16	0.35	0.19	315,316,333	0.0	0.0	0.0	0,0,0
5436	0.35	0.72	0.43	315,315,334	0.29	0.32	0.31	315,327,334
5439	0.15	0.32	0.18	315,316,333	0.0	0.0	0.0	0,0,0
5444	0.12	0.27	0.15	315,316,333	0.0	0.0	0.0	0,0,0
5445	0.13	0.29	0.17	315,316,333	0.0	0.0	0.0	0,0,0
5446	0.15	0.32	0.19	315,316,333	0.0	0.0	0.0	0,0,0
5449	0.11	0.23	0.14	315,315,334	0.0	0.0	0.0	0,0,0
5450	0.15	0.32	0.19	315,315,334	0.0	0.0	0.0	0,0,0
5459	0.10	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
5464	0.16	0.35	0.20	315,316,334	0.0	0.0	0.0	0,0,0
5469	0.28	0.60	0.36	316,316,333	0.25	0.24	0.23	316,323,333
5474	0.13	0.27	0.16	315,315,334	0.0	0.0	0.0	0,0,0
5475	0.18	0.38	0.23	315,315,334	0.0	0.0	0.0	0,0,0
5476	0.26	0.55	0.32	315,315,334	0.23	0.22	0.0	315,327,0
5478	0.37	0.76	0.46	316,316,333	0.31	0.34	0.33	316,327,334
5479	0.15	0.32	0.19	315,315,334	0.0	0.0	0.0	0,0,0
5480	0.21	0.45	0.26	315,315,334	0.0	0.0	0.0	0,0,0
5481	0.31	0.67	0.39	315,315,334	0.29	0.28	0.27	315,327,334
5482	0.41	0.78	0.51	315,315,333	0.31	0.35	0.34	315,323,333
5484	0.17	0.36	0.21	315,315,334	0.0	0.0	0.0	0,0,0
5485	0.23	0.49	0.28	315,315,334	0.0	0.0	0.0	0,0,0
5486	0.34	0.70	0.43	315,315,334	0.29	0.30	0.29	315,327,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5487	0.46	0.78	0.57	315,315,334	0.31	0.34	0.34	315,323,333
5489	0.08	0.18	0.11	315,315,334	0.0	0.0	0.0	0,0,0
5490	0.10	0.22	0.13	315,315,334	0.0	0.0	0.0	0,0,0
5491	0.12	0.27	0.15	315,315,334	0.0	0.0	0.0	0,0,0
5492	0.05	0.12	0.06	315,316,333	0.0	0.0	0.0	0,0,0
5493	0.06	0.14	0.08	315,315,334	0.0	0.0	0.0	0,0,0
5494	0.09	0.20	0.11	316,316,334	0.0	0.0	0.0	0,0,0
5495	0.15	0.33	0.18	315,316,333	0.0	0.0	0.0	0,0,0
5496	0.12	0.28	0.15	315,316,333	0.0	0.0	0.0	0,0,0
5497	0.10	0.23	0.13	315,316,333	0.0	0.0	0.0	0,0,0
5498	0.08	0.18	0.10	315,316,333	0.0	0.0	0.0	0,0,0
5499	0.05	0.11	0.06	315,316,333	0.0	0.0	0.0	0,0,0
5500	0.05	0.11	0.06	315,316,334	0.0	0.0	0.0	0,0,0
5501	0.08	0.18	0.10	308,308,334	0.0	0.0	0.0	0,0,0
5502	0.43	0.73	0.55	316,316,333	0.29	0.31	0.30	316,326,333
5504	0.21	0.46	0.27	316,316,333	0.0	0.0	0.0	0,0,0
5505	0.16	0.35	0.19	315,316,333	0.0	0.0	0.0	0,0,0
5506	0.41	0.75	0.51	316,316,333	0.31	0.33	0.32	316,323,333
5507	0.34	0.72	0.43	316,316,333	0.30	0.31	0.31	316,326,333
5508	0.18	0.39	0.23	316,316,333	0.0	0.0	0.0	0,0,0
5509	0.12	0.27	0.15	315,316,333	0.0	0.0	0.0	0,0,0
5510	0.12	0.26	0.14	315,316,333	0.0	0.0	0.0	0,0,0
5511	0.11	0.24	0.13	315,316,333	0.0	0.0	0.0	0,0,0
5512	0.09	0.21	0.11	315,316,333	0.0	0.0	0.0	0,0,0
5513	0.07	0.17	0.09	315,316,333	0.0	0.0	0.0	0,0,0
5514	0.10	0.23	0.12	315,316,333	0.0	0.0	0.0	0,0,0
5515	0.10	0.22	0.12	315,316,333	0.0	0.0	0.0	0,0,0
5516	0.09	0.20	0.11	315,316,333	0.0	0.0	0.0	0,0,0
5517	0.07	0.16	0.08	315,316,333	0.0	0.0	0.0	0,0,0
5518	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
5519	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
5520	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
5521	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
5522	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
5523	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5524	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5525	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5526	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5527	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
5528	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5529	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5530	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5531	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
5532	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
5533	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5534	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5535	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5536	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
5537	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
5538	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5539	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5540	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5541	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5542	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
5543	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
5544	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
5545	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
5546	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
5547	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
5548	0.08	0.18	0.10	315,301,333	0.0	0.0	0.0	0,0,0
5549	0.09	0.20	0.11	315,315,333	0.0	0.0	0.0	0,0,0
5550	0.09	0.20	0.11	315,316,333	0.0	0.0	0.0	0,0,0
5551	0.10	0.22	0.12	315,316,334	0.0	0.0	0.0	0,0,0
5552	0.12	0.26	0.15	315,316,334	0.0	0.0	0.0	0,0,0
5553	0.06	0.12	0.07	315,315,333	0.0	0.0	0.0	0,0,0
5554	0.07	0.16	0.09	315,315,334	0.0	0.0	0.0	0,0,0
5555	0.09	0.19	0.10	315,316,334	0.0	0.0	0.0	0,0,0
5556	0.11	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
5557	0.13	0.27	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5558	0.08	0.18	0.10	301,302,333	0.0	0.0	0.0	0,0,0
5559	0.08	0.18	0.10	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5560	0.09	0.19	0.10	301,302,333	0.0	0.0	0.0	0,0,0
5561	0.09	0.20	0.11	301,301,333	0.0	0.0	0.0	0,0,0
5562	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
5563	0.06	0.13	0.07	301,302,333	0.0	0.0	0.0	0,0,0
5564	0.06	0.14	0.08	301,302,334	0.0	0.0	0.0	0,0,0
5565	0.08	0.18	0.11	302,302,333	0.0	0.0	0.0	0,0,0
5566	0.11	0.23	0.14	301,302,333	0.0	0.0	0.0	0,0,0
5567	0.13	0.28	0.17	301,302,333	0.0	0.0	0.0	0,0,0
5568	0.05	0.12	0.07	308,314,334	0.0	0.0	0.0	0,0,0
5569	0.08	0.17	0.10	308,308,334	0.0	0.0	0.0	0,0,0
5570	0.11	0.23	0.14	302,302,333	0.0	0.0	0.0	0,0,0
5571	0.14	0.30	0.18	301,302,333	0.0	0.0	0.0	0,0,0
5572	0.18	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
5573	0.14	0.31	0.18	308,308,334	0.0	0.0	0.0	0,0,0
5574	0.18	0.40	0.23	308,308,334	0.0	0.0	0.0	0,0,0
5575	0.24	0.52	0.30	307,308,334	0.0	0.0	0.0	0,0,0
5576	0.32	0.70	0.40	301,302,333	0.30	0.30	0.29	302,323,333
5577	0.39	0.77	0.49	301,302,333	0.31	0.34	0.34	302,323,333
5578	0.10	0.22	0.13	308,308,334	0.0	0.0	0.0	0,0,0
5579	0.13	0.28	0.16	308,308,334	0.0	0.0	0.0	0,0,0
5580	0.17	0.36	0.21	308,308,333	0.0	0.0	0.0	0,0,0
5581	0.21	0.46	0.27	301,302,333	0.0	0.0	0.0	0,0,0
5582	0.26	0.55	0.32	301,302,333	0.23	0.23	0.22	302,323,333
5583	0.17	0.38	0.22	315,315,334	0.0	0.0	0.0	0,0,0
5584	0.24	0.51	0.30	315,315,334	0.0	0.0	0.0	0,0,0
5585	0.33	0.72	0.41	315,315,334	0.31	0.31	0.31	315,327,334
5586	0.43	0.78	0.54	307,302,334	0.31	0.35	0.34	315,327,334
5587	0.70	0.78	0.87	302,301,333	0.31	0.33	0.32	301,323,333
5588	0.16	0.36	0.21	315,316,334	0.0	0.0	0.0	0,0,0
5589	0.22	0.47	0.27	315,315,334	0.0	0.0	0.0	0,0,0
5590	0.30	0.64	0.37	315,315,334	0.27	0.26	0.26	315,327,334
5591	0.40	0.78	0.50	307,301,334	0.31	0.35	0.34	301,323,333
5592	0.48	0.78	0.59	301,301,333	0.31	0.34	0.34	301,323,333
5593	0.17	0.37	0.21	315,315,334	0.0	0.0	0.0	0,0,0
5594	0.23	0.50	0.29	315,315,334	0.0	0.0	0.0	0,0,0
5595	0.35	0.76	0.43	315,315,334	0.33	0.34	0.33	315,327,334
5596	0.48	0.78	0.59	315,315,334	0.31	0.33	0.32	308,327,334
5597	0.72	0.78	0.89	315,315,333	0.31	0.32	0.31	315,327,334
5598	0.06	0.12	0.07	320,320,334	0.0	0.0	0.0	0,0,0
5599	0.06	0.13	0.07	315,315,334	0.0	0.0	0.0	0,0,0
5600	0.09	0.19	0.10	315,316,334	0.0	0.0	0.0	0,0,0
5601	0.11	0.24	0.13	315,316,334	0.0	0.0	0.0	0,0,0
5602	0.13	0.27	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5603	0.07	0.16	0.09	320,320,334	0.0	0.0	0.0	0,0,0
5604	0.05	0.11	0.06	315,315,334	0.0	0.0	0.0	0,0,0
5605	0.09	0.18	0.10	315,316,334	0.0	0.0	0.0	0,0,0
5606	0.11	0.24	0.13	315,316,334	0.0	0.0	0.0	0,0,0
5607	0.13	0.27	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5608	0.09	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
5609	0.05	0.10	0.05	301,301,333	0.0	0.0	0.0	0,0,0
5610	0.08	0.17	0.10	315,316,334	0.0	0.0	0.0	0,0,0
5611	0.11	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
5612	0.13	0.27	0.15	316,316,334	0.0	0.0	0.0	0,0,0
5613	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
5614	0.05	0.11	0.06	308,308,334	0.0	0.0	0.0	0,0,0
5615	0.10	0.22	0.12	315,316,334	0.0	0.0	0.0	0,0,0
5616	0.19	0.41	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5617	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
5618	0.20	0.43	0.25	319,319,334	0.0	0.0	0.0	0,0,0
5619	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5620	0.12	0.26	0.15	319,320,334	0.0	0.0	0.0	0,0,0
5621	0.14	0.31	0.17	319,320,334	0.0	0.0	0.0	0,0,0
5622	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
5623	0.15	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
5624	0.12	0.25	0.15	308,308,334	0.0	0.0	0.0	0,0,0
5625	0.09	0.20	0.11	319,320,334	0.0	0.0	0.0	0,0,0
5626	0.08	0.17	0.09	319,320,334	0.0	0.0	0.0	0,0,0
5627	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
5628	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
5629	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
5630	0.06	0.12	0.06	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5631	0.07	0.14	0.08	319,319,334	0.0	0.0	0.0	0,0,0
5632	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
5633	0.26	0.56	0.29	320,320,334	0.24	0.0	0.0	320,0,0
5634	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5635	0.09	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
5636	0.06	0.13	0.07	319,319,334	0.0	0.0	0.0	0,0,0
5638	0.42	0.79	0.49	319,319,334	0.31	0.31	0.31	319,328,334
5639	0.23	0.49	0.26	320,320,334	0.0	0.0	0.0	0,0,0
5640	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
5642	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
5648	0.23	0.50	0.28	320,320,334	0.0	0.0	0.0	0,0,0
5649	0.22	0.48	0.27	320,320,334	0.0	0.0	0.0	0,0,0
5650	0.24	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0
5655	0.11	0.24	0.13	320,320,334	0.0	0.0	0.0	0,0,0
5656	0.24	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0
5657	0.24	0.52	0.29	310,310,334	0.0	0.0	0.0	0,0,0
5658	0.24	0.52	0.29	310,310,334	0.0	0.0	0.0	0,0,0
5664	0.21	0.45	0.25	320,320,334	0.0	0.0	0.0	0,0,0
5665	0.19	0.42	0.23	320,320,334	0.0	0.0	0.0	0,0,0
5666	0.18	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
5672	0.21	0.44	0.24	320,320,334	0.0	0.0	0.0	0,0,0
5673	0.12	0.26	0.14	319,320,334	0.0	0.0	0.0	0,0,0
5674	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
5680	0.19	0.38	0.23	310,310,334	0.0	0.0	0.0	0,0,0
5681	0.09	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
5682	0.19	0.39	0.22	320,320,334	0.0	0.0	0.0	0,0,0
5698	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5706	0.13	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
5714	0.14	0.31	0.17	319,319,334	0.0	0.0	0.0	0,0,0
5720	0.75	0.66	0.91	309,309,334	0.23	0.23	0.22	309,328,334
5721	0.08	0.16	0.09	320,320,334	0.0	0.0	0.0	0,0,0
5722	0.17	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5723	0.24	0.53	0.30	302,302,333	0.23	0.0	0.0	302,0,0
5729	0.13	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
5738	0.13	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
5739	0.73	0.73	0.90	302,316,333	0.28	0.30	0.29	316,323,333
5740	0.30	0.64	0.38	315,315,333	0.27	0.27	0.26	315,323,333
5746	0.22	0.47	0.26	320,320,334	0.0	0.0	0.0	0,0,0
5754	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5755	0.40	0.77	0.50	302,316,333	0.30	0.34	0.34	316,327,334
5762	0.15	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5763	0.29	0.61	0.36	301,302,333	0.26	0.25	0.25	302,323,333
5764	0.29	0.62	0.37	301,302,333	0.26	0.25	0.25	302,323,333
5765	0.25	0.55	0.31	302,302,333	0.24	0.0	0.0	302,0,0
5770	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
5771	0.17	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
5772	0.19	0.41	0.24	301,302,333	0.0	0.0	0.0	0,0,0
5774	0.24	0.53	0.30	301,302,333	0.23	0.0	0.0	302,0,0
5779	0.15	0.31	0.19	301,301,333	0.0	0.0	0.0	0,0,0
5780	0.15	0.34	0.20	315,301,333	0.0	0.0	0.0	0,0,0
5781	0.19	0.42	0.24	301,301,333	0.0	0.0	0.0	0,0,0
5787	0.13	0.28	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5788	0.15	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
5789	0.20	0.44	0.25	301,301,333	0.0	0.0	0.0	0,0,0
5790	0.17	0.37	0.22	315,316,334	0.0	0.0	0.0	0,0,0
5795	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
5796	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
5797	0.22	0.48	0.27	301,302,333	0.0	0.0	0.0	0,0,0
5803	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
5804	0.18	0.39	0.22	301,302,333	0.0	0.0	0.0	0,0,0
5805	0.21	0.46	0.26	301,302,333	0.0	0.0	0.0	0,0,0
5806	0.24	0.53	0.30	301,302,333	0.23	0.0	0.0	302,0,0
5811	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
5812	0.18	0.39	0.22	301,302,333	0.0	0.0	0.0	0,0,0
5813	0.20	0.44	0.25	301,302,333	0.0	0.0	0.0	0,0,0
5814	0.24	0.52	0.30	301,302,333	0.0	0.0	0.0	0,0,0
5815	0.25	0.56	0.31	302,302,333	0.24	0.22	0.0	302,323,0
5816	0.25	0.56	0.31	302,302,333	0.24	0.22	0.0	302,323,0
5818	0.14	0.30	0.16	320,320,334	0.0	0.0	0.0	0,0,0
5819	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
5820	0.17	0.38	0.21	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5821	0.19	0.41	0.23	301,302,333	0.0	0.0	0.0	0,0,0
5822	0.22	0.49	0.28	302,302,333	0.0	0.0	0.0	0,0,0
5823	0.24	0.53	0.30	302,302,333	0.23	0.0	0.0	302,0,0
5827	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
5828	0.17	0.36	0.20	301,302,333	0.0	0.0	0.0	0,0,0
5829	0.18	0.39	0.22	302,302,333	0.0	0.0	0.0	0,0,0
5830	0.20	0.43	0.24	316,308,334	0.0	0.0	0.0	0,0,0
5831	0.22	0.48	0.27	302,308,333	0.0	0.0	0.0	0,0,0
5832	0.22	0.49	0.28	302,302,333	0.0	0.0	0.0	0,0,0
5833	0.52	0.77	0.64	302,316,333	0.31	0.34	0.33	302,327,334
5835	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
5836	0.15	0.33	0.19	316,308,334	0.0	0.0	0.0	0,0,0
5837	0.16	0.35	0.20	316,308,334	0.0	0.0	0.0	0,0,0
5838	0.16	0.36	0.20	316,308,334	0.0	0.0	0.0	0,0,0
5839	0.18	0.39	0.22	308,308,334	0.0	0.0	0.0	0,0,0
5840	0.19	0.42	0.24	308,308,334	0.0	0.0	0.0	0,0,0
5843	0.13	0.29	0.16	315,316,334	0.0	0.0	0.0	0,0,0
5844	0.14	0.31	0.18	316,316,334	0.0	0.0	0.0	0,0,0
5845	0.15	0.32	0.18	316,316,334	0.0	0.0	0.0	0,0,0
5846	0.15	0.32	0.18	316,316,334	0.0	0.0	0.0	0,0,0
5847	0.14	0.31	0.18	316,316,334	0.0	0.0	0.0	0,0,0
5848	0.20	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
5849	0.32	0.68	0.40	315,315,334	0.28	0.28	0.28	315,327,334
5851	0.14	0.29	0.16	316,316,334	0.0	0.0	0.0	0,0,0
5852	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
5853	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
5854	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
5855	0.12	0.27	0.15	316,319,334	0.0	0.0	0.0	0,0,0
5856	0.21	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
5857	0.37	0.74	0.45	315,315,334	0.29	0.32	0.31	315,327,334
5858	0.22	0.49	0.28	315,315,334	0.0	0.0	0.0	0,0,0
5859	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
5860	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
5861	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
5862	0.13	0.28	0.16	316,316,334	0.0	0.0	0.0	0,0,0
5863	0.11	0.25	0.14	316,316,334	0.0	0.0	0.0	0,0,0
5864	0.18	0.40	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5865	0.33	0.70	0.40	319,315,334	0.30	0.29	0.29	315,327,334
5866	0.65	0.75	0.77	315,301,334	0.29	0.30	0.29	301,323,333
5867	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
5868	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5869	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5870	0.13	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
5871	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
5872	0.15	0.31	0.18	320,320,334	0.0	0.0	0.0	0,0,0
5873	0.16	0.35	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5874	0.15	0.33	0.18	319,320,334	0.0	0.0	0.0	0,0,0
5875	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5876	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5877	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
5878	0.05	0.10	0.05	320,320,334	0.0	0.0	0.0	0,0,0
5879	0.10	0.21	0.11	319,320,334	0.0	0.0	0.0	0,0,0
5880	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
5881	0.07	0.15	0.09	319,319,334	0.0	0.0	0.0	0,0,0
5882	0.08	0.16	0.09	319,319,334	0.0	0.0	0.0	0,0,0
5883	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5884	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5885	0.13	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
5886	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5887	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5888	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5889	0.25	0.55	0.30	310,309,334	0.24	0.0	0.0	309,0,0
5891	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
5892	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5893	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
5894	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
5895	0.16	0.35	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5898	0.32	0.66	0.37	320,320,334	0.28	0.25	0.25	320,328,334
5899	0.14	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
5900	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
5901	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5902	0.25	0.55	0.30	310,309,334	0.23	0.0	0.0	309,0,0
5903	0.21	0.43	0.24	320,320,334	0.0	0.0	0.0	0,0,0
5904	0.31	0.66	0.37	320,320,334	0.28	0.25	0.25	320,328,334
5905	0.32	0.67	0.37	320,320,334	0.28	0.25	0.25	320,328,334
5906	0.19	0.41	0.23	309,309,334	0.0	0.0	0.0	0,0,0
5907	0.15	0.33	0.18	319,320,334	0.0	0.0	0.0	0,0,0
5908	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5910	0.10	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
5911	0.73	0.73	0.88	309,309,334	0.26	0.25	0.24	309,328,334
5912	0.11	0.25	0.12	319,320,334	0.0	0.0	0.0	0,0,0
5913	0.19	0.38	0.23	310,310,334	0.0	0.0	0.0	0,0,0
5914	0.09	0.17	0.10	319,320,334	0.0	0.0	0.0	0,0,0
5916	0.09	0.17	0.11	307,307,334	0.0	0.0	0.0	0,0,0
5917	0.16	0.34	0.18	319,320,334	0.0	0.0	0.0	0,0,0
5918	0.25	0.49	0.31	309,310,334	0.0	0.0	0.0	0,0,0
5919	0.10	0.23	0.13	315,315,334	0.0	0.0	0.0	0,0,0
5921	0.07	0.14	0.08	319,319,334	0.0	0.0	0.0	0,0,0
5922	0.24	0.51	0.28	310,310,334	0.0	0.0	0.0	0,0,0
5924	0.11	0.08	0.13	302,302,333	0.0	0.0	0.0	0,0,0
5925	0.22	0.69	0.27	315,305,334	0.0	0.0	0.0	0,0,0
5926	0.22	0.38	0.26	310,310,334	0.0	0.0	0.0	0,0,0
5927	0.49	0.78	0.59	309,309,334	0.31	0.31	0.30	309,328,334
5928	0.21	0.44	0.26	301,307,333	0.0	0.0	0.0	0,0,0
5929	0.23	0.49	0.28	310,310,334	0.0	0.0	0.0	0,0,0
5930	0.19	0.41	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5931	0.24	0.52	0.29	310,310,334	0.0	0.0	0.0	0,0,0
5932	0.24	0.52	0.29	310,310,334	0.0	0.0	0.0	0,0,0
5933	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5934	0.12	0.25	0.13	320,320,334	0.0	0.0	0.0	0,0,0
5935	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5936	0.21	0.43	0.25	309,310,334	0.0	0.0	0.0	0,0,0
5939	0.36	0.71	0.43	310,310,334	0.29	0.29	0.28	310,328,334
5940	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
5941	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
5942	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
5943	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
5946	0.14	0.30	0.17	319,319,334	0.0	0.0	0.0	0,0,0
5947	0.10	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
5948	0.15	0.28	0.18	310,310,334	0.0	0.0	0.0	0,0,0
5949	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
5953	0.79	0.64	0.95	315,315,334	0.21	0.20	0.19	315,327,334
5956	0.14	0.30	0.17	319,319,334	0.0	0.0	0.0	0,0,0
5957	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5958	0.10	0.23	0.13	308,308,334	0.0	0.0	0.0	0,0,0
5959	0.13	0.29	0.17	315,316,334	0.0	0.0	0.0	0,0,0
5960	0.11	0.24	0.13	308,308,334	0.0	0.0	0.0	0,0,0
5961	0.13	0.29	0.17	315,316,334	0.0	0.0	0.0	0,0,0
5962	0.13	0.29	0.16	308,308,334	0.0	0.0	0.0	0,0,0
5963	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
5964	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
5965	0.13	0.28	0.16	308,308,334	0.0	0.0	0.0	0,0,0
5966	0.13	0.29	0.16	308,308,334	0.0	0.0	0.0	0,0,0
5967	0.40	0.68	0.49	308,308,334	0.25	0.27	0.26	308,327,334
5968	0.23	0.49	0.28	308,308,334	0.0	0.0	0.0	0,0,0
5969	0.19	0.40	0.23	308,308,334	0.0	0.0	0.0	0,0,0
5970	0.16	0.35	0.19	308,308,334	0.0	0.0	0.0	0,0,0
5971	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
5972	0.08	0.18	0.10	308,308,334	0.0	0.0	0.0	0,0,0
5973	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
5974	0.08	0.18	0.10	308,308,334	0.0	0.0	0.0	0,0,0
5975	0.14	0.30	0.17	308,308,334	0.0	0.0	0.0	0,0,0
5976	0.10	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
5977	0.11	0.22	0.13	301,301,333	0.0	0.0	0.0	0,0,0
5978	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
5979	0.11	0.22	0.13	301,301,333	0.0	0.0	0.0	0,0,0
5980	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
5981	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
5982	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
5983	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5984	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5985	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5986	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5987	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5988	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
5989	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
5990	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5991	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5992	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
5993	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
5994	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
5995	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
5996	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
5997	0.10	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
5998	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
5999	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6000	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6001	0.10	0.21	0.12	315,316,334	0.0	0.0	0.0	0,0,0
6002	0.09	0.18	0.10	315,316,334	0.0	0.0	0.0	0,0,0
6003	0.08	0.17	0.10	301,302,333	0.0	0.0	0.0	0,0,0
6004	0.07	0.16	0.09	308,308,334	0.0	0.0	0.0	0,0,0
6005	0.11	0.22	0.13	315,316,334	0.0	0.0	0.0	0,0,0
6006	0.09	0.20	0.11	315,316,334	0.0	0.0	0.0	0,0,0
6007	0.07	0.15	0.09	315,316,334	0.0	0.0	0.0	0,0,0
6008	0.07	0.15	0.09	308,308,334	0.0	0.0	0.0	0,0,0
6009	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
6010	0.07	0.15	0.09	301,301,333	0.0	0.0	0.0	0,0,0
6011	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
6012	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
6013	0.06	0.11	0.07	301,301,333	0.0	0.0	0.0	0,0,0
6014	0.05	0.09	0.05	301,301,333	0.0	0.0	0.0	0,0,0
6015	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
6016	0.07	0.14	0.08	308,308,334	0.0	0.0	0.0	0,0,0
6017	0.04	0.08	0.04	308,308,334	0.0	0.0	0.0	0,0,0
6018	0.03	0.07	0.04	308,308,334	0.0	0.0	0.0	0,0,0
6019	0.06	0.12	0.08	308,308,334	0.0	0.0	0.0	0,0,0
6020	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
6021	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
6022	0.14	0.31	0.18	308,308,334	0.0	0.0	0.0	0,0,0
6023	0.25	0.54	0.31	308,308,334	0.23	0.0	0.0	308,0,0
6024	0.40	0.61	0.50	307,307,334	0.22	0.23	0.23	307,327,334
6025	0.09	0.19	0.11	308,308,334	0.0	0.0	0.0	0,0,0
6026	0.10	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
6027	0.14	0.30	0.18	308,308,334	0.0	0.0	0.0	0,0,0
6028	0.19	0.41	0.24	308,308,334	0.0	0.0	0.0	0,0,0
6029	0.10	0.23	0.12	301,302,333	0.0	0.0	0.0	0,0,0
6030	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6031	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6032	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6033	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6034	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6035	0.12	0.26	0.14	316,316,334	0.0	0.0	0.0	0,0,0
6036	0.13	0.29	0.16	316,316,334	0.0	0.0	0.0	0,0,0
6037	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6038	0.12	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6039	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6040	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6041	0.12	0.26	0.14	301,301,333	0.0	0.0	0.0	0,0,0
6042	0.14	0.29	0.16	316,316,334	0.0	0.0	0.0	0,0,0
6043	0.21	0.45	0.25	316,316,334	0.0	0.0	0.0	0,0,0
6044	0.24	0.52	0.28	316,316,334	0.0	0.0	0.0	0,0,0
6045	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6046	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6047	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6048	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6049	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6050	0.15	0.33	0.19	316,316,334	0.0	0.0	0.0	0,0,0
6051	0.28	0.59	0.33	316,316,334	0.25	0.23	0.23	316,327,334
6052	0.53	0.60	0.63	301,302,333	0.26	0.24	0.23	302,323,333
6053	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6054	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6055	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6056	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6057	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6058	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6059	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6060	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6061	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6062	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6063	0.12	0.27	0.15	308,308,334	0.0	0.0	0.0	0,0,0
6064	0.16	0.35	0.20	316,316,334	0.0	0.0	0.0	0,0,0
6065	0.18	0.39	0.22	308,308,334	0.0	0.0	0.0	0,0,0
6066	0.31	0.67	0.38	316,316,334	0.29	0.27	0.26	316,327,334
6067	0.20	0.43	0.24	301,301,333	0.0	0.0	0.0	0,0,0
6068	0.70	0.73	0.83	301,301,333	0.26	0.25	0.24	301,325,333
6069	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
6070	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
6071	0.08	0.16	0.09	301,302,333	0.0	0.0	0.0	0,0,0
6072	0.07	0.16	0.08	301,301,333	0.0	0.0	0.0	0,0,0
6073	0.07	0.14	0.08	308,308,334	0.0	0.0	0.0	0,0,0
6074	0.06	0.12	0.07	308,308,334	0.0	0.0	0.0	0,0,0
6075	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6076	0.13	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6077	0.11	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
6078	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6079	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6080	0.13	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6081	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6082	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6083	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6084	0.14	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6085	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6086	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6087	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6088	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6089	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
6090	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
6091	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
6092	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6093	0.10	0.22	0.13	315,302,333	0.0	0.0	0.0	0,0,0
6094	0.10	0.22	0.13	315,302,333	0.0	0.0	0.0	0,0,0
6095	0.10	0.22	0.12	315,316,334	0.0	0.0	0.0	0,0,0
6096	0.10	0.21	0.12	315,316,334	0.0	0.0	0.0	0,0,0
6097	0.11	0.22	0.13	315,316,334	0.0	0.0	0.0	0,0,0
6098	0.11	0.22	0.13	315,316,334	0.0	0.0	0.0	0,0,0
6099	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
6100	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6101	0.09	0.18	0.11	301,301,333	0.0	0.0	0.0	0,0,0
6102	0.60	0.70	0.73	307,307,334	0.26	0.26	0.25	307,327,334
6103	0.39	0.54	0.48	308,307,334	0.23	0.19	0.18	307,327,334
6104	0.18	0.38	0.22	308,308,334	0.0	0.0	0.0	0,0,0
6105	0.21	0.44	0.25	308,308,334	0.0	0.0	0.0	0,0,0
6106	0.16	0.34	0.19	308,308,334	0.0	0.0	0.0	0,0,0
6107	0.13	0.28	0.16	308,308,334	0.0	0.0	0.0	0,0,0
6108	0.07	0.15	0.09	308,308,334	0.0	0.0	0.0	0,0,0
6109	0.07	0.14	0.08	308,308,334	0.0	0.0	0.0	0,0,0
6110	0.06	0.12	0.07	308,308,334	0.0	0.0	0.0	0,0,0
6111	0.10	0.20	0.11	301,301,333	0.0	0.0	0.0	0,0,0
6112	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
6113	0.07	0.13	0.08	301,301,333	0.0	0.0	0.0	0,0,0
6114	0.04	0.08	0.05	320,314,334	0.0	0.0	0.0	0,0,0
6115	0.03	0.07	0.04	308,314,334	0.0	0.0	0.0	0,0,0
6116	0.04	0.09	0.05	308,308,334	0.0	0.0	0.0	0,0,0
6117	0.05	0.10	0.05	301,301,333	0.0	0.0	0.0	0,0,0
6118	0.05	0.11	0.06	301,301,333	0.0	0.0	0.0	0,0,0
6119	0.10	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
6120	0.08	0.17	0.10	308,308,334	0.0	0.0	0.0	0,0,0
6121	0.05	0.12	0.06	301,302,333	0.0	0.0	0.0	0,0,0
6122	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
6123	0.07	0.16	0.09	308,308,334	0.0	0.0	0.0	0,0,0
6124	0.23	0.48	0.28	308,308,334	0.0	0.0	0.0	0,0,0
6125	0.10	0.20	0.12	307,308,334	0.0	0.0	0.0	0,0,0
6126	0.08	0.17	0.10	301,302,333	0.0	0.0	0.0	0,0,0
6127	0.07	0.13	0.08	301,316,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6128	0.10	0.20	0.12	308,308,334	0.0	0.0	0.0	0,0,0
6129	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6130	0.08	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
6131	0.06	0.13	0.08	301,301,333	0.0	0.0	0.0	0,0,0
6132	0.10	0.21	0.12	301,302,333	0.0	0.0	0.0	0,0,0
6133	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6134	0.12	0.23	0.14	301,302,333	0.0	0.0	0.0	0,0,0
6135	0.12	0.24	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6136	0.12	0.24	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6137	0.12	0.24	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6138	0.11	0.23	0.14	301,302,333	0.0	0.0	0.0	0,0,0
6139	0.14	0.29	0.17	301,302,333	0.0	0.0	0.0	0,0,0
6140	0.15	0.30	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6141	0.15	0.30	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6142	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6143	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6144	0.16	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6145	0.16	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6146	0.16	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6147	0.15	0.32	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6148	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6149	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
6150	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6151	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6152	0.09	0.20	0.11	301,301,333	0.0	0.0	0.0	0,0,0
6153	0.13	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6154	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6155	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6156	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6157	0.12	0.25	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6158	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6159	0.14	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6160	0.12	0.27	0.15	307,307,334	0.0	0.0	0.0	0,0,0
6161	0.13	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6162	0.11	0.23	0.13	307,307,334	0.0	0.0	0.0	0,0,0
6163	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6164	0.08	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
6165	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0
6166	0.06	0.14	0.07	301,301,333	0.0	0.0	0.0	0,0,0
6167	0.14	0.34	0.18	316,315,333	0.0	0.0	0.0	0,0,0
6168	0.16	0.36	0.20	302,301,333	0.0	0.0	0.0	0,0,0
6169	0.16	0.36	0.20	302,301,333	0.0	0.0	0.0	0,0,0
6170	0.15	0.35	0.20	302,301,333	0.0	0.0	0.0	0,0,0
6171	0.14	0.32	0.17	302,315,333	0.0	0.0	0.0	0,0,0
6172	0.15	0.34	0.19	302,301,333	0.0	0.0	0.0	0,0,0
6173	0.15	0.34	0.19	302,301,333	0.0	0.0	0.0	0,0,0
6174	0.15	0.33	0.18	302,301,333	0.0	0.0	0.0	0,0,0
6175	0.12	0.26	0.15	302,301,333	0.0	0.0	0.0	0,0,0
6176	0.12	0.27	0.15	302,301,333	0.0	0.0	0.0	0,0,0
6177	0.12	0.27	0.15	302,301,333	0.0	0.0	0.0	0,0,0
6178	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6179	0.10	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
6180	0.11	0.24	0.13	302,301,333	0.0	0.0	0.0	0,0,0
6181	0.11	0.24	0.13	302,301,333	0.0	0.0	0.0	0,0,0
6182	0.10	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
6183	0.21	0.57	0.27	305,305,333	0.0	0.0	0.0	0,0,0
6184	0.12	0.29	0.15	316,315,333	0.0	0.0	0.0	0,0,0
6185	0.11	0.22	0.13	302,316,333	0.0	0.0	0.0	0,0,0
6186	0.12	0.26	0.14	316,316,333	0.0	0.0	0.0	0,0,0
6187	0.11	0.22	0.13	302,316,333	0.0	0.0	0.0	0,0,0
6188	0.11	0.23	0.13	302,316,333	0.0	0.0	0.0	0,0,0
6189	0.09	0.19	0.12	301,302,333	0.0	0.0	0.0	0,0,0
6190	0.09	0.19	0.11	302,302,333	0.0	0.0	0.0	0,0,0
6336	0.32	0.67	0.39	315,316,334	0.36	0.27	0.26	322,326,333
6339	0.08	0.21	0.10	302,306,333	0.0	0.0	0.0	0,0,0
6340	0.09	0.22	0.11	302,302,333	0.0	0.0	0.0	0,0,0
6341	0.09	0.23	0.12	302,302,333	0.0	0.0	0.0	0,0,0
6348	0.09	0.20	0.11	302,302,333	0.0	0.0	0.0	0,0,0
6349	0.15	0.35	0.19	316,316,333	0.0	0.0	0.0	0,0,0
6350	0.43	0.75	0.54	316,316,333	0.29	0.32	0.32	316,323,333
6362	0.17	0.34	0.21	310,310,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6363	0.23	0.50	0.28	310,310,334	0.0	0.0	0.0	0,0,0
6364	0.24	0.52	0.29	310,310,334	0.0	0.0	0.0	0,0,0
6365	0.24	0.50	0.28	310,310,334	0.0	0.0	0.0	0,0,0
6366	0.24	0.52	0.29	310,310,334	0.0	0.0	0.0	0,0,0
6367	0.15	0.33	0.19	307,307,334	0.0	0.0	0.0	0,0,0
6368	0.13	0.29	0.17	307,307,334	0.0	0.0	0.0	0,0,0
6369	0.14	0.34	0.18	316,315,333	0.0	0.0	0.0	0,0,0
6370	0.16	0.37	0.20	302,315,333	0.0	0.0	0.0	0,0,0
6371	0.16	0.37	0.20	302,315,333	0.0	0.0	0.0	0,0,0
6372	0.16	0.36	0.20	302,301,333	0.0	0.0	0.0	0,0,0
6373	0.50	0.61	0.61	301,301,333	0.22	0.24	0.23	301,325,333
6374	0.13	0.33	0.17	302,301,333	0.0	0.0	0.0	0,0,0
6411	0.08	0.17	0.09	301,301,333	0.0	0.0	0.0	0,0,0
6412	0.07	0.16	0.08	316,316,334	0.0	0.0	0.0	0,0,0
6413	0.07	0.15	0.08	301,316,333	0.0	0.0	0.0	0,0,0
6414	0.09	0.21	0.11	316,316,333	0.0	0.0	0.0	0,0,0
6415	0.08	0.19	0.10	316,316,334	0.0	0.0	0.0	0,0,0
6416	0.13	0.29	0.15	316,316,334	0.0	0.0	0.0	0,0,0
6417	0.09	0.20	0.11	316,316,334	0.0	0.0	0.0	0,0,0
6418	0.17	0.38	0.21	316,316,334	0.0	0.0	0.0	0,0,0
6419	0.09	0.19	0.11	302,302,333	0.0	0.0	0.0	0,0,0
6420	0.10	0.21	0.12	302,302,333	0.0	0.0	0.0	0,0,0
6421	0.10	0.21	0.12	302,302,333	0.0	0.0	0.0	0,0,0
6422	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6423	0.09	0.17	0.11	316,316,333	0.0	0.0	0.0	0,0,0
6424	0.10	0.20	0.12	316,302,333	0.0	0.0	0.0	0,0,0
6425	0.10	0.20	0.12	316,302,333	0.0	0.0	0.0	0,0,0
6426	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0
6427	0.10	0.18	0.12	316,316,333	0.0	0.0	0.0	0,0,0
6428	0.10	0.19	0.12	316,316,333	0.0	0.0	0.0	0,0,0
6429	0.10	0.19	0.12	316,316,333	0.0	0.0	0.0	0,0,0
6430	0.09	0.18	0.11	307,308,334	0.0	0.0	0.0	0,0,0
6431	0.10	0.19	0.12	316,316,333	0.0	0.0	0.0	0,0,0
6432	0.10	0.20	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6433	0.10	0.20	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6434	0.09	0.18	0.11	307,316,334	0.0	0.0	0.0	0,0,0
6435	0.07	0.13	0.09	301,302,333	0.0	0.0	0.0	0,0,0
6436	0.07	0.15	0.09	301,302,333	0.0	0.0	0.0	0,0,0
6437	0.05	0.10	0.07	316,316,334	0.0	0.0	0.0	0,0,0
6438	0.07	0.12	0.08	316,316,334	0.0	0.0	0.0	0,0,0
6439	0.07	0.13	0.09	316,308,334	0.0	0.0	0.0	0,0,0
6440	0.08	0.13	0.10	316,316,333	0.0	0.0	0.0	0,0,0
6441	0.11	0.19	0.13	316,316,334	0.0	0.0	0.0	0,0,0
6442	0.09	0.15	0.11	308,308,333	0.0	0.0	0.0	0,0,0
6489	0.22	0.48	0.25	319,320,334	0.0	0.0	0.0	0,0,0
6494	0.16	0.33	0.19	319,319,334	0.0	0.0	0.0	0,0,0
6498	0.28	0.60	0.33	310,310,334	0.26	0.24	0.23	310,328,334
6505	0.18	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
6506	0.52	0.78	0.62	310,310,334	0.30	0.31	0.29	309,328,334
6519	0.13	0.26	0.16	310,310,334	0.0	0.0	0.0	0,0,0
6520	0.20	0.44	0.24	309,309,334	0.0	0.0	0.0	0,0,0
6521	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
6522	0.19	0.41	0.23	309,310,334	0.0	0.0	0.0	0,0,0
6526	0.28	0.59	0.31	320,320,334	0.25	0.0	0.0	320,0,0
6533	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6538	0.19	0.41	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6542	0.20	0.42	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6549	0.20	0.41	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6550	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6557	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6558	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6562	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6566	0.18	0.39	0.22	310,310,334	0.0	0.0	0.0	0,0,0
6570	0.21	0.45	0.25	310,310,334	0.0	0.0	0.0	0,0,0
6574	0.21	0.45	0.25	310,310,334	0.0	0.0	0.0	0,0,0
6578	0.19	0.41	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6582	0.21	0.44	0.25	310,310,334	0.0	0.0	0.0	0,0,0
6586	0.09	0.62	0.11	302,322,333	0.0	0.0	0.0	0,0,0
6587	0.09	0.20	0.11	316,316,334	0.0	0.0	0.0	0,0,0
6588	0.08	0.16	0.09	316,316,334	0.0	0.0	0.0	0,0,0
6589	0.05	0.11	0.06	315,316,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6590	0.15	0.34	0.18	316,316,334	0.0	0.0	0.0	0,0,0
6591	0.12	0.26	0.15	316,316,334	0.0	0.0	0.0	0,0,0
6592	0.09	0.18	0.11	316,316,334	0.0	0.0	0.0	0,0,0
6593	0.10	0.20	0.13	316,316,333	0.0	0.0	0.0	0,0,0
6594	0.10	0.21	0.13	316,316,333	0.0	0.0	0.0	0,0,0
6595	0.10	0.22	0.13	316,316,334	0.0	0.0	0.0	0,0,0
6596	0.10	0.20	0.13	316,316,333	0.0	0.0	0.0	0,0,0
6597	0.10	0.21	0.13	316,316,334	0.0	0.0	0.0	0,0,0
6598	0.10	0.22	0.13	316,316,334	0.0	0.0	0.0	0,0,0
6599	0.10	0.20	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6600	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6601	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6602	0.09	0.18	0.11	315,316,334	0.0	0.0	0.0	0,0,0
6603	0.09	0.18	0.11	315,316,334	0.0	0.0	0.0	0,0,0
6604	0.08	0.17	0.10	315,316,334	0.0	0.0	0.0	0,0,0
6605	0.17	0.16	0.20	307,308,334	0.0	0.0	0.0	0,0,0
6606	0.07	0.17	0.08	316,307,334	0.0	0.0	0.0	0,0,0
6607	0.08	0.18	0.10	316,316,334	0.0	0.0	0.0	0,0,0
6608	0.10	0.17	0.12	308,308,334	0.0	0.0	0.0	0,0,0
6609	0.09	0.18	0.11	316,316,334	0.0	0.0	0.0	0,0,0
6610	0.09	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6611	0.22	0.48	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6612	0.06	0.13	0.07	315,316,334	0.0	0.0	0.0	0,0,0
6613	0.08	0.18	0.10	316,316,334	0.0	0.0	0.0	0,0,0
6616	0.20	0.42	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6617	0.16	0.34	0.19	310,310,334	0.0	0.0	0.0	0,0,0
6620	0.29	0.63	0.35	310,310,334	0.27	0.25	0.24	310,328,334
6623	0.21	0.45	0.26	310,310,334	0.0	0.0	0.0	0,0,0
6631	0.10	0.22	0.12	319,320,334	0.0	0.0	0.0	0,0,0
6661	0.22	0.47	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6662	0.34	0.74	0.40	310,310,334	0.32	0.31	0.30	310,328,334
6663	0.59	0.77	0.70	310,310,334	0.29	0.29	0.28	310,328,334
6664	0.23	0.50	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6665	0.09	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
6666	0.28	0.61	0.32	320,320,334	0.26	0.22	0.0	320,328,0
6667	0.29	0.64	0.35	310,310,334	0.28	0.26	0.25	309,328,334
6669	0.19	0.39	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6670	0.22	0.47	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6671	0.21	0.44	0.25	310,310,334	0.0	0.0	0.0	0,0,0
6672	0.21	0.45	0.26	310,310,334	0.0	0.0	0.0	0,0,0
6673	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
6674	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6675	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6676	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6677	0.24	0.48	0.28	309,309,334	0.0	0.0	0.0	0,0,0
6678	0.07	0.15	0.08	320,320,334	0.0	0.0	0.0	0,0,0
6679	0.09	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
6680	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6681	0.20	0.42	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6682	0.20	0.43	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6683	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6684	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6685	0.19	0.39	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6686	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6687	0.20	0.43	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6688	0.19	0.41	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6689	0.18	0.38	0.22	310,310,334	0.0	0.0	0.0	0,0,0
6690	0.18	0.37	0.22	310,310,334	0.0	0.0	0.0	0,0,0
6691	0.19	0.38	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6692	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6693	0.20	0.42	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6694	0.18	0.37	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6695	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6696	0.16	0.33	0.19	310,310,334	0.0	0.0	0.0	0,0,0
6697	0.17	0.37	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6698	0.19	0.40	0.23	309,310,334	0.0	0.0	0.0	0,0,0
6699	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6700	0.20	0.43	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6701	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6702	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6703	0.20	0.42	0.24	310,310,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6704	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6705	0.18	0.38	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6706	0.17	0.36	0.20	310,310,334	0.0	0.0	0.0	0,0,0
6707	0.21	0.45	0.25	310,310,334	0.0	0.0	0.0	0,0,0
6708	0.23	0.48	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6709	0.21	0.45	0.25	310,310,334	0.0	0.0	0.0	0,0,0
6710	0.22	0.47	0.26	310,310,334	0.0	0.0	0.0	0,0,0
6711	0.20	0.43	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6712	0.21	0.45	0.25	310,310,334	0.0	0.0	0.0	0,0,0
6713	0.18	0.38	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6714	0.15	0.32	0.18	310,310,334	0.0	0.0	0.0	0,0,0
6715	0.24	0.50	0.28	310,310,334	0.0	0.0	0.0	0,0,0
6716	0.04	0.27	0.05	307,308,334	0.0	0.0	0.0	0,0,0
6717	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
6718	0.09	0.70	0.11	301,306,333	0.51	0.0	0.0	322,0,0
6719	0.57	0.65	0.69	308,316,334	0.23	0.23	0.22	316,327,334
6720	0.59	0.74	0.72	308,308,334	0.28	0.28	0.27	308,327,334
6721	0.21	0.46	0.26	308,308,334	0.0	0.0	0.0	0,0,0
6722	0.08	0.17	0.10	308,308,334	0.0	0.0	0.0	0,0,0
6723	0.07	0.13	0.08	301,301,333	0.0	0.0	0.0	0,0,0
6724	0.08	0.15	0.09	301,301,333	0.0	0.0	0.0	0,0,0
6725	0.24	0.52	0.29	308,308,334	0.22	0.0	0.0	308,0,0
6726	0.24	0.51	0.29	308,308,334	0.0	0.0	0.0	0,0,0
6727	0.12	0.26	0.14	308,308,334	0.0	0.0	0.0	0,0,0
6728	0.07	0.14	0.08	301,301,333	0.0	0.0	0.0	0,0,0
6729	0.09	0.19	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6730	0.11	0.21	0.13	301,302,333	0.0	0.0	0.0	0,0,0
6731	0.14	0.28	0.17	301,302,333	0.0	0.0	0.0	0,0,0
6732	0.11	0.22	0.14	301,302,333	0.0	0.0	0.0	0,0,0
6733	0.13	0.26	0.16	301,302,333	0.0	0.0	0.0	0,0,0
6734	0.10	0.19	0.12	301,302,333	0.0	0.0	0.0	0,0,0
6735	0.12	0.23	0.14	301,302,333	0.0	0.0	0.0	0,0,0
6736	0.09	0.17	0.11	301,301,333	0.0	0.0	0.0	0,0,0
6737	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6738	0.14	0.29	0.17	301,302,333	0.0	0.0	0.0	0,0,0
6739	0.13	0.27	0.16	301,302,333	0.0	0.0	0.0	0,0,0
6740	0.10	0.21	0.12	316,302,333	0.0	0.0	0.0	0,0,0
6741	0.05	0.10	0.06	315,316,333	0.0	0.0	0.0	0,0,0
6742	0.07	0.13	0.08	316,316,333	0.0	0.0	0.0	0,0,0
6743	0.11	0.23	0.13	316,316,334	0.0	0.0	0.0	0,0,0
6744	0.10	0.22	0.13	316,316,334	0.0	0.0	0.0	0,0,0
6745	0.10	0.21	0.12	315,316,334	0.0	0.0	0.0	0,0,0
6746	0.08	0.17	0.10	315,316,334	0.0	0.0	0.0	0,0,0
6747	0.08	0.19	0.10	316,316,334	0.0	0.0	0.0	0,0,0
6748	0.10	0.22	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6749	0.10	0.22	0.12	308,308,334	0.0	0.0	0.0	0,0,0
6750	0.10	0.22	0.12	308,308,334	0.0	0.0	0.0	0,0,0
6751	0.14	0.31	0.17	310,310,334	0.0	0.0	0.0	0,0,0
6752	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
6753	0.17	0.35	0.20	310,310,334	0.0	0.0	0.0	0,0,0
6754	0.23	0.49	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6755	0.15	0.32	0.17	310,310,334	0.0	0.0	0.0	0,0,0
6756	0.38	0.79	0.46	320,320,334	0.33	0.34	0.33	320,328,334
6757	0.14	0.29	0.16	310,310,334	0.0	0.0	0.0	0,0,0
6758	0.09	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
6759	0.22	0.46	0.27	309,310,334	0.0	0.0	0.0	0,0,0
6760	0.09	0.18	0.10	320,320,334	0.0	0.0	0.0	0,0,0
6761	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6770	0.18	0.35	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6772	0.18	0.36	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6773	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6774	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6775	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6776	0.16	0.34	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6777	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6778	0.15	0.30	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6779	0.16	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6780	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6781	0.12	0.26	0.14	308,308,334	0.0	0.0	0.0	0,0,0
6782	0.12	0.26	0.14	308,308,334	0.0	0.0	0.0	0,0,0
6783	0.09	0.18	0.11	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6784	0.10	0.19	0.12	301,301,333	0.0	0.0	0.0	0,0,0
6785	0.11	0.23	0.14	301,302,333	0.0	0.0	0.0	0,0,0
6786	0.12	0.24	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6787	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
6788	0.13	0.27	0.16	301,302,333	0.0	0.0	0.0	0,0,0
6789	0.12	0.25	0.15	301,301,333	0.0	0.0	0.0	0,0,0
6790	0.12	0.25	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6791	0.13	0.27	0.16	301,302,333	0.0	0.0	0.0	0,0,0
6792	0.14	0.28	0.17	301,302,333	0.0	0.0	0.0	0,0,0
6793	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6794	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6795	0.14	0.29	0.17	301,302,333	0.0	0.0	0.0	0,0,0
6796	0.14	0.28	0.17	301,302,333	0.0	0.0	0.0	0,0,0
6797	0.14	0.29	0.17	301,302,333	0.0	0.0	0.0	0,0,0
6798	0.15	0.30	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6799	0.16	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6800	0.17	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6801	0.17	0.35	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6802	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6803	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6804	0.18	0.37	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6805	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6806	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6807	0.18	0.37	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6808	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6809	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6810	0.18	0.37	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6811	0.16	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6812	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6813	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6814	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6815	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6816	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6817	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6818	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6819	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6820	0.16	0.34	0.19	315,316,334	0.0	0.0	0.0	0,0,0
6821	0.16	0.34	0.19	315,316,334	0.0	0.0	0.0	0,0,0
6822	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6823	0.16	0.34	0.19	307,316,334	0.0	0.0	0.0	0,0,0
6824	0.16	0.34	0.19	307,316,334	0.0	0.0	0.0	0,0,0
6825	0.15	0.32	0.18	315,316,334	0.0	0.0	0.0	0,0,0
6826	0.18	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
6827	0.18	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
6828	0.18	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
6829	0.18	0.37	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6830	0.17	0.36	0.21	301,301,333	0.0	0.0	0.0	0,0,0
6831	0.18	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
6832	0.18	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
6833	0.18	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
6834	0.18	0.37	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6835	0.17	0.36	0.21	301,301,333	0.0	0.0	0.0	0,0,0
6836	0.18	0.37	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6837	0.18	0.37	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6838	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6839	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6840	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6841	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6842	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6843	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
6844	0.16	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6845	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
6846	0.16	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
6847	0.15	0.32	0.18	302,302,333	0.0	0.0	0.0	0,0,0
6848	0.14	0.30	0.17	302,302,333	0.0	0.0	0.0	0,0,0
6849	0.13	0.27	0.16	302,302,333	0.0	0.0	0.0	0,0,0
6850	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6851	0.15	0.31	0.18	302,302,333	0.0	0.0	0.0	0,0,0
6852	0.13	0.28	0.16	302,302,333	0.0	0.0	0.0	0,0,0
6853	0.11	0.24	0.14	302,302,333	0.0	0.0	0.0	0,0,0
6854	0.16	0.34	0.19	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6855	0.20	0.43	0.24	301,301,333	0.0	0.0	0.0	0,0,0
6856	0.14	0.29	0.17	302,302,333	0.0	0.0	0.0	0,0,0
6857	0.11	0.24	0.14	302,302,333	0.0	0.0	0.0	0,0,0
6858	0.13	0.27	0.16	307,308,334	0.0	0.0	0.0	0,0,0
6859	0.26	0.56	0.31	307,307,334	0.24	0.0	0.0	307,0,0
6860	0.39	0.75	0.47	301,301,333	0.29	0.32	0.31	301,323,333
6861	0.13	0.28	0.16	316,316,334	0.0	0.0	0.0	0,0,0
6862	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
6863	0.13	0.28	0.16	307,308,334	0.0	0.0	0.0	0,0,0
6864	0.34	0.72	0.41	301,301,333	0.31	0.30	0.29	301,323,333
6865	0.77	0.78	0.92	301,301,333	0.33	0.34	0.33	301,323,333
6866	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6867	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6868	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6869	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6870	0.13	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
6871	0.19	0.41	0.23	301,301,333	0.0	0.0	0.0	0,0,0
6872	0.35	0.75	0.42	301,301,333	0.32	0.33	0.31	301,323,333
6873	0.58	0.70	0.69	301,307,333	0.28	0.28	0.27	301,327,334
6874	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6875	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6876	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6877	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6878	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6879	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6880	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6881	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6882	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6883	0.15	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6884	0.15	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6885	0.15	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6886	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6887	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6888	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6889	0.15	0.33	0.18	307,308,334	0.0	0.0	0.0	0,0,0
6890	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
6891	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
6892	0.22	0.47	0.27	307,308,334	0.0	0.0	0.0	0,0,0
6893	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
6894	0.09	0.19	0.11	301,302,333	0.0	0.0	0.0	0,0,0
6895	0.28	0.58	0.33	301,301,333	0.25	0.23	0.22	301,323,333
6896	0.11	0.24	0.13	308,308,334	0.0	0.0	0.0	0,0,0
6897	0.06	0.13	0.07	315,302,333	0.0	0.0	0.0	0,0,0
6898	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6899	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6900	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6901	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6902	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6903	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
6904	0.10	0.21	0.12	301,302,333	0.0	0.0	0.0	0,0,0
6905	0.09	0.18	0.10	315,316,334	0.0	0.0	0.0	0,0,0
6906	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
6907	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6908	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
6909	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
6910	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
6911	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6912	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6913	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6914	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
6915	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
6916	0.05	0.10	0.06	315,316,334	0.0	0.0	0.0	0,0,0
6917	0.06	0.12	0.07	316,316,333	0.0	0.0	0.0	0,0,0
6918	0.05	0.11	0.06	315,316,334	0.0	0.0	0.0	0,0,0
6919	0.08	0.16	0.09	308,308,334	0.0	0.0	0.0	0,0,0
6920	0.11	0.23	0.13	308,308,334	0.0	0.0	0.0	0,0,0
6921	0.13	0.27	0.15	308,308,334	0.0	0.0	0.0	0,0,0
6922	0.08	0.19	0.10	316,316,334	0.0	0.0	0.0	0,0,0
6923	0.10	0.22	0.12	308,316,334	0.0	0.0	0.0	0,0,0
6924	0.09	0.19	0.11	307,308,334	0.0	0.0	0.0	0,0,0
6925	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6926	0.11	0.24	0.13	307,308,334	0.0	0.0	0.0	0,0,0
6927	0.13	0.29	0.16	307,308,334	0.0	0.0	0.0	0,0,0
6928	0.14	0.31	0.17	307,308,334	0.0	0.0	0.0	0,0,0
6929	0.17	0.38	0.21	307,308,334	0.0	0.0	0.0	0,0,0
6930	0.23	0.49	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6931	0.24	0.51	0.28	310,310,334	0.0	0.0	0.0	0,0,0
6933	0.17	0.40	0.20	307,308,334	0.0	0.0	0.0	0,0,0
6934	0.43	0.70	0.51	307,307,334	0.28	0.29	0.29	307,327,334
6935	0.24	0.51	0.29	310,310,334	0.0	0.0	0.0	0,0,0
6938	0.19	0.37	0.22	310,310,334	0.0	0.0	0.0	0,0,0
6939	0.18	0.35	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6943	0.20	0.40	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6944	0.09	0.17	0.10	319,320,334	0.0	0.0	0.0	0,0,0
6945	0.21	0.40	0.25	310,310,334	0.0	0.0	0.0	0,0,0
6948	0.22	0.43	0.26	310,310,334	0.0	0.0	0.0	0,0,0
6949	0.22	0.45	0.26	310,310,334	0.0	0.0	0.0	0,0,0
6951	0.29	0.59	0.35	309,309,334	0.25	0.23	0.23	309,328,334
6953	0.15	0.30	0.18	309,309,334	0.0	0.0	0.0	0,0,0
6963	0.18	0.36	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6964	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6965	0.28	0.57	0.34	309,309,334	0.24	0.22	0.22	310,328,334
6967	0.19	0.39	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6968	0.19	0.38	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6970	0.23	0.46	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6971	0.13	0.26	0.16	309,310,334	0.0	0.0	0.0	0,0,0
6972	0.15	0.31	0.18	310,310,334	0.0	0.0	0.0	0,0,0
6973	0.18	0.37	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6974	0.16	0.35	0.19	310,310,334	0.0	0.0	0.0	0,0,0
6975	0.10	0.20	0.12	310,310,334	0.0	0.0	0.0	0,0,0
6976	0.13	0.27	0.16	310,310,334	0.0	0.0	0.0	0,0,0
6977	0.16	0.33	0.19	310,310,334	0.0	0.0	0.0	0,0,0
6978	0.20	0.39	0.24	310,310,334	0.0	0.0	0.0	0,0,0
6979	0.15	0.29	0.17	310,310,334	0.0	0.0	0.0	0,0,0
6980	0.15	0.29	0.17	310,310,334	0.0	0.0	0.0	0,0,0
6981	0.15	0.31	0.18	310,310,334	0.0	0.0	0.0	0,0,0
6982	0.18	0.36	0.21	310,310,334	0.0	0.0	0.0	0,0,0
6983	0.13	0.25	0.15	308,310,334	0.0	0.0	0.0	0,0,0
6984	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
6986	0.19	0.40	0.22	310,310,334	0.0	0.0	0.0	0,0,0
6987	0.23	0.49	0.27	310,310,334	0.0	0.0	0.0	0,0,0
6992	0.03	0.37	0.04	301,306,333	0.0	0.0	0.0	0,0,0
6993	0.04	0.29	0.05	307,306,334	0.0	0.0	0.0	0,0,0
6994	0.05	0.39	0.06	301,306,333	0.0	0.0	0.0	0,0,0
6995	0.05	0.19	0.06	302,306,333	0.0	0.0	0.0	0,0,0
6996	0.06	0.26	0.08	302,306,333	0.0	0.0	0.0	0,0,0
6997	0.05	0.10	0.06	301,306,333	0.0	0.0	0.0	0,0,0
6998	0.19	0.42	0.23	308,308,334	0.0	0.0	0.0	0,0,0
6999	0.17	0.36	0.20	308,308,334	0.0	0.0	0.0	0,0,0
7000	0.05	0.12	0.07	315,316,333	0.0	0.0	0.0	0,0,0
7001	0.10	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
7002	0.08	0.17	0.10	301,302,333	0.0	0.0	0.0	0,0,0
7003	0.10	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
7004	0.09	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
7005	0.09	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
7006	0.09	0.20	0.11	307,308,334	0.0	0.0	0.0	0,0,0
7007	0.07	0.16	0.09	315,316,334	0.0	0.0	0.0	0,0,0
7008	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7009	0.09	0.20	0.11	301,308,333	0.0	0.0	0.0	0,0,0
7010	0.08	0.18	0.10	307,308,334	0.0	0.0	0.0	0,0,0
7011	0.08	0.16	0.09	301,302,333	0.0	0.0	0.0	0,0,0
7012	0.09	0.19	0.11	307,308,334	0.0	0.0	0.0	0,0,0
7013	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
7014	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7015	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7016	0.14	0.32	0.18	307,308,334	0.0	0.0	0.0	0,0,0
7017	0.11	0.25	0.14	307,308,334	0.0	0.0	0.0	0,0,0
7018	0.24	0.54	0.30	307,308,334	0.23	0.0	0.0	308,0,0
7019	0.17	0.38	0.21	307,308,334	0.0	0.0	0.0	0,0,0
7020	0.53	0.65	0.65	307,307,334	0.24	0.24	0.23	307,327,334
7021	0.22	0.50	0.28	307,308,334	0.0	0.0	0.0	0,0,0
7022	0.23	0.57	0.28	316,316,334	0.25	0.0	0.0	316,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7023	0.59	0.72	0.72	308,316,334	0.26	0.26	0.26	316,327,334
7024	0.14	0.33	0.17	316,316,333	0.0	0.0	0.0	0,0,0
7025	0.23	0.53	0.28	316,316,334	0.0	0.0	0.0	0,0,0
7026	0.17	0.39	0.21	307,307,334	0.0	0.0	0.0	0,0,0
7027	0.14	0.31	0.17	319,319,334	0.0	0.0	0.0	0,0,0
7028	0.15	0.34	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7029	0.13	0.30	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7030	0.22	0.48	0.27	310,310,334	0.0	0.0	0.0	0,0,0
7031	0.20	0.40	0.24	310,310,334	0.0	0.0	0.0	0,0,0
7032	0.11	0.26	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7033	0.12	0.29	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7034	0.14	0.34	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7035	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
7036	0.13	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
7037	0.11	0.26	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7038	0.06	0.15	0.07	307,307,334	0.0	0.0	0.0	0,0,0
7039	0.09	0.22	0.11	302,302,333	0.0	0.0	0.0	0,0,0
7040	0.41	0.71	0.49	307,307,334	0.27	0.29	0.28	307,327,334
7041	0.15	0.35	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7042	0.13	0.31	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7043	0.12	0.28	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7044	0.13	0.31	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7045	0.14	0.33	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7046	0.07	0.19	0.09	307,307,334	0.0	0.0	0.0	0,0,0
7047	0.09	0.21	0.11	302,302,333	0.0	0.0	0.0	0,0,0
7048	0.18	0.38	0.21	310,310,334	0.0	0.0	0.0	0,0,0
7049	0.18	0.37	0.21	310,310,334	0.0	0.0	0.0	0,0,0
7050	0.31	0.67	0.37	310,310,334	0.29	0.27	0.26	310,328,334
7051	0.34	0.71	0.41	310,310,334	0.29	0.29	0.28	310,328,334
7052	0.17	0.36	0.20	310,310,334	0.0	0.0	0.0	0,0,0
7053	0.12	0.25	0.14	310,310,334	0.0	0.0	0.0	0,0,0
7054	0.09	0.18	0.10	310,310,334	0.0	0.0	0.0	0,0,0
7055	0.10	0.21	0.12	319,320,334	0.0	0.0	0.0	0,0,0
7056	0.37	0.77	0.44	310,310,334	0.32	0.33	0.32	310,328,334
7057	0.32	0.69	0.38	309,309,334	0.29	0.28	0.26	309,328,334
7058	0.70	0.78	0.84	309,309,334	0.31	0.33	0.32	310,328,334
7059	0.23	0.50	0.28	310,310,334	0.0	0.0	0.0	0,0,0
7060	0.19	0.42	0.23	310,310,334	0.0	0.0	0.0	0,0,0
7061	0.10	0.22	0.12	310,310,334	0.0	0.0	0.0	0,0,0
7062	0.22	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
7063	0.08	0.18	0.10	319,320,334	0.0	0.0	0.0	0,0,0
7064	0.22	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
7065	0.58	0.79	0.68	319,319,334	0.31	0.30	0.29	319,328,334
7066	0.22	0.48	0.27	310,310,334	0.0	0.0	0.0	0,0,0
7067	0.21	0.45	0.25	310,310,334	0.0	0.0	0.0	0,0,0
7068	0.32	0.67	0.38	309,309,334	0.28	0.27	0.25	309,328,334
7069	0.18	0.39	0.22	310,310,334	0.0	0.0	0.0	0,0,0
7070	0.20	0.43	0.24	310,310,334	0.0	0.0	0.0	0,0,0
7071	0.19	0.40	0.22	310,310,334	0.0	0.0	0.0	0,0,0
7074	0.13	0.26	0.15	310,310,334	0.0	0.0	0.0	0,0,0
7076	0.12	0.24	0.15	301,307,333	0.0	0.0	0.0	0,0,0
7077	0.64	0.67	0.77	307,307,334	0.25	0.27	0.26	307,330,334
7078	0.22	0.49	0.26	307,307,334	0.0	0.0	0.0	0,0,0
7079	0.07	0.18	0.08	307,301,334	0.0	0.0	0.0	0,0,0
7080	0.10	0.23	0.12	307,307,334	0.0	0.0	0.0	0,0,0
7081	0.06	0.22	0.07	307,308,334	0.0	0.0	0.0	0,0,0
7082	0.28	0.60	0.33	310,310,334	0.25	0.24	0.23	310,328,334
7083	0.02	0.25	0.02	313,308,334	0.0	0.0	0.0	0,0,0
7084	0.13	0.49	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7085	0.20	0.39	0.23	310,310,334	0.0	0.0	0.0	0,0,0
7086	0.15	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
7087	0.16	0.34	0.19	309,310,334	0.0	0.0	0.0	0,0,0
7088	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7089	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7090	0.13	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7091	0.13	0.27	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7092	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7093	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7094	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7095	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7096	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7097	0.10	0.22	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7098	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7099	0.10	0.21	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7100	0.09	0.18	0.11	301,302,333	0.0	0.0	0.0	0,0,0
7101	0.10	0.20	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7102	0.11	0.24	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7103	0.11	0.24	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7104	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7105	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7106	0.09	0.21	0.11	307,308,334	0.0	0.0	0.0	0,0,0
7107	0.11	0.26	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7108	0.10	0.23	0.12	315,316,334	0.0	0.0	0.0	0,0,0
7109	0.14	0.33	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7110	0.19	0.40	0.22	310,310,334	0.0	0.0	0.0	0,0,0
7111	0.07	0.16	0.09	320,320,334	0.0	0.0	0.0	0,0,0
7112	0.21	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
7113	0.12	0.28	0.14	307,307,334	0.0	0.0	0.0	0,0,0
7114	0.28	0.61	0.32	320,320,334	0.26	0.22	0.0	320,328,0
7115	0.20	0.42	0.23	310,310,334	0.0	0.0	0.0	0,0,0
7116	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
7117	0.41	0.68	0.50	308,308,334	0.25	0.27	0.26	308,327,334
7119	0.45	0.67	0.55	302,308,333	0.25	0.27	0.27	308,327,334
7120	0.17	0.37	0.21	310,310,334	0.0	0.0	0.0	0,0,0
7121	0.15	0.37	0.19	315,315,334	0.0	0.0	0.0	0,0,0
7122	0.16	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
7123	0.12	0.26	0.14	310,310,334	0.0	0.0	0.0	0,0,0
7124	0.15	0.33	0.18	310,310,334	0.0	0.0	0.0	0,0,0
7125	0.14	0.29	0.16	310,310,334	0.0	0.0	0.0	0,0,0
7126	0.17	0.36	0.20	310,310,334	0.0	0.0	0.0	0,0,0
7127	0.14	0.31	0.17	310,310,334	0.0	0.0	0.0	0,0,0
7128	0.13	0.27	0.15	310,310,334	0.0	0.0	0.0	0,0,0
7130	0.11	0.24	0.13	310,310,334	0.0	0.0	0.0	0,0,0
7131	0.52	0.61	0.62	307,307,334	0.26	0.24	0.24	307,327,334
7132	0.22	0.47	0.26	307,307,334	0.0	0.0	0.0	0,0,0
7133	0.10	0.23	0.12	307,307,334	0.0	0.0	0.0	0,0,0
7134	0.11	0.32	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7135	0.13	0.41	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7136	0.14	0.45	0.17	316,302,333	0.0	0.0	0.0	0,0,0
7137	0.08	0.30	0.10	302,302,333	0.0	0.0	0.0	0,0,0
7138	0.03	0.25	0.04	307,302,334	0.0	0.0	0.0	0,0,0
7140	0.15	0.34	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7141	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7142	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7143	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7144	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7145	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7146	0.11	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7147	0.11	0.25	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7148	0.10	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7149	0.11	0.27	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7150	0.13	0.31	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7151	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7152	0.09	0.22	0.11	307,307,334	0.0	0.0	0.0	0,0,0
7153	0.09	0.20	0.10	302,302,333	0.0	0.0	0.0	0,0,0
7154	0.20	0.46	0.24	307,308,334	0.0	0.0	0.0	0,0,0
7155	0.35	0.70	0.43	308,308,334	0.27	0.29	0.29	308,327,334
7156	0.24	0.55	0.29	308,308,334	0.24	0.0	0.0	308,0,0
7157	0.52	0.66	0.63	308,308,334	0.28	0.27	0.26	308,327,334
7158	0.11	0.28	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7159	0.11	0.27	0.14	315,315,333	0.0	0.0	0.0	0,0,0
7160	0.11	0.27	0.14	315,315,333	0.0	0.0	0.0	0,0,0
7161	0.15	0.35	0.18	308,308,334	0.0	0.0	0.0	0,0,0
7163	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
7164	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
7167	0.78	0.79	0.93	319,319,334	0.29	0.27	0.26	309,328,334
7168	0.14	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
7169	0.11	0.22	0.12	319,320,334	0.0	0.0	0.0	0,0,0
7171	0.19	0.52	0.23	315,316,334	0.0	0.0	0.0	0,0,0
7172	0.17	0.45	0.21	316,316,333	0.0	0.0	0.0	0,0,0
7173	0.14	0.39	0.17	316,302,333	0.0	0.0	0.0	0,0,0
7174	0.13	0.33	0.16	302,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7175	0.10	0.22	0.12	307,307,334	0.0	0.0	0.0	0,0,0
7176	0.12	0.30	0.14	307,307,334	0.0	0.0	0.0	0,0,0
7177	0.15	0.32	0.18	307,307,334	0.0	0.0	0.0	0,0,0
7178	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7179	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7180	0.16	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7181	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7182	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7183	0.16	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7184	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7185	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7186	0.16	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7187	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7188	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7189	0.16	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7190	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7191	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7192	0.16	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7193	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7194	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7195	0.15	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7196	0.15	0.31	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7197	0.15	0.31	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7198	0.15	0.31	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7199	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7200	0.14	0.29	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7201	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7202	0.12	0.26	0.15	316,302,333	0.0	0.0	0.0	0,0,0
7203	0.13	0.26	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7204	0.13	0.26	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7205	0.13	0.26	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7206	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7207	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7208	0.12	0.26	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7209	0.10	0.20	0.12	316,302,333	0.0	0.0	0.0	0,0,0
7210	0.11	0.22	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7211	0.11	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7212	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7213	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7214	0.13	0.28	0.16	307,308,334	0.0	0.0	0.0	0,0,0
7215	0.07	0.15	0.08	316,316,333	0.0	0.0	0.0	0,0,0
7216	0.09	0.20	0.11	316,302,333	0.0	0.0	0.0	0,0,0
7217	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7218	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7219	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7220	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
7221	0.07	0.14	0.08	307,307,334	0.0	0.0	0.0	0,0,0
7222	0.09	0.19	0.11	301,302,333	0.0	0.0	0.0	0,0,0
7223	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7224	0.15	0.32	0.18	315,316,334	0.0	0.0	0.0	0,0,0
7225	0.16	0.34	0.19	315,316,334	0.0	0.0	0.0	0,0,0
7226	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7227	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7228	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7229	0.15	0.31	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7230	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7231	0.17	0.37	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7232	0.21	0.45	0.25	301,302,333	0.0	0.0	0.0	0,0,0
7233	0.22	0.47	0.27	301,301,333	0.0	0.0	0.0	0,0,0
7234	0.16	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7235	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7236	0.16	0.33	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7237	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7238	0.16	0.33	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7239	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7240	0.14	0.30	0.17	316,302,333	0.0	0.0	0.0	0,0,0
7241	0.15	0.31	0.18	316,302,333	0.0	0.0	0.0	0,0,0
7242	0.18	0.39	0.22	301,302,333	0.0	0.0	0.0	0,0,0
7243	0.17	0.36	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7244	0.27	0.59	0.33	301,301,333	0.25	0.23	0.23	301,323,333
7245	0.23	0.51	0.28	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7246	0.43	0.77	0.51	301,301,333	0.30	0.32	0.31	301,323,333
7247	0.35	0.73	0.42	301,301,333	0.31	0.31	0.30	301,323,333
7248	0.64	0.79	0.76	301,301,333	0.32	0.35	0.33	301,323,333
7249	0.40	0.77	0.48	301,301,333	0.31	0.33	0.32	301,323,333
7250	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7251	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7252	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7253	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7254	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7255	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7256	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7257	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7258	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7259	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7260	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7261	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7262	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7263	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7264	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7265	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7266	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7267	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7268	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7269	0.14	0.31	0.18	315,316,333	0.0	0.0	0.0	0,0,0
7270	0.14	0.30	0.17	315,316,333	0.0	0.0	0.0	0,0,0
7271	0.14	0.29	0.17	316,316,333	0.0	0.0	0.0	0,0,0
7272	0.13	0.29	0.16	301,316,333	0.0	0.0	0.0	0,0,0
7273	0.12	0.27	0.15	315,316,333	0.0	0.0	0.0	0,0,0
7274	0.16	0.35	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7275	0.18	0.39	0.22	301,302,333	0.0	0.0	0.0	0,0,0
7276	0.11	0.25	0.14	301,316,333	0.0	0.0	0.0	0,0,0
7277	0.16	0.35	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7278	0.24	0.51	0.29	301,302,333	0.0	0.0	0.0	0,0,0
7279	0.27	0.59	0.33	301,301,333	0.25	0.24	0.23	302,323,333
7280	0.11	0.24	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7281	0.21	0.44	0.25	301,302,333	0.0	0.0	0.0	0,0,0
7282	0.35	0.74	0.43	301,302,333	0.31	0.32	0.31	302,323,333
7283	0.43	0.78	0.53	301,301,333	0.31	0.33	0.32	301,323,333
7284	0.11	0.24	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7285	0.21	0.44	0.25	301,302,333	0.0	0.0	0.0	0,0,0
7286	0.39	0.79	0.48	301,301,333	0.32	0.35	0.33	301,323,333
7287	0.69	0.79	0.83	301,301,333	0.31	0.34	0.33	301,323,333
7288	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7289	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7290	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7291	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7292	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7293	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7294	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7295	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7296	0.14	0.32	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7297	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7298	0.13	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7299	0.12	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7300	0.13	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7301	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7302	0.12	0.27	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7303	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7304	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7305	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7306	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
7307	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7308	0.14	0.32	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7309	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7310	0.14	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7311	0.13	0.30	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7312	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7313	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7314	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7315	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7316	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7317	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7318	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7319	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7320	0.14	0.32	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7321	0.14	0.32	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7322	0.15	0.32	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7323	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7324	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7325	0.12	0.28	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7326	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7327	0.14	0.32	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7328	0.13	0.30	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7329	0.12	0.27	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7330	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7331	0.15	0.34	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7332	0.10	0.25	0.12	307,307,334	0.0	0.0	0.0	0,0,0
7333	0.09	0.21	0.11	302,302,333	0.0	0.0	0.0	0,0,0
7334	0.19	0.45	0.24	307,308,334	0.0	0.0	0.0	0,0,0
7335	0.26	0.59	0.32	308,308,334	0.25	0.24	0.23	308,327,334
7336	0.22	0.51	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7337	0.31	0.71	0.38	308,308,334	0.30	0.30	0.29	308,327,334
7338	0.15	0.36	0.19	315,315,334	0.0	0.0	0.0	0,0,0
7339	0.14	0.33	0.17	315,315,334	0.0	0.0	0.0	0,0,0
7340	0.12	0.29	0.15	315,315,334	0.0	0.0	0.0	0,0,0
7341	0.14	0.32	0.17	308,308,334	0.0	0.0	0.0	0,0,0
7342	0.14	0.31	0.17	319,319,334	0.0	0.0	0.0	0,0,0
7343	0.14	0.37	0.17	307,315,334	0.0	0.0	0.0	0,0,0
7344	0.15	0.37	0.19	307,315,334	0.0	0.0	0.0	0,0,0
7345	0.16	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
7346	0.16	0.33	0.19	319,319,334	0.0	0.0	0.0	0,0,0
7348	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
7349	0.20	0.55	0.24	315,316,334	0.0	0.0	0.0	0,0,0
7350	0.16	0.43	0.20	315,315,334	0.0	0.0	0.0	0,0,0
7351	0.18	0.50	0.23	315,316,334	0.0	0.0	0.0	0,0,0
7352	0.16	0.44	0.20	316,316,333	0.0	0.0	0.0	0,0,0
7353	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7354	0.14	0.31	0.18	301,316,333	0.0	0.0	0.0	0,0,0
7355	0.14	0.31	0.18	301,316,333	0.0	0.0	0.0	0,0,0
7356	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7357	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7358	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7359	0.15	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7360	0.16	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7361	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7362	0.13	0.28	0.16	315,316,333	0.0	0.0	0.0	0,0,0
7363	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
7364	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
7365	0.13	0.29	0.16	316,302,333	0.0	0.0	0.0	0,0,0
7366	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
7367	0.13	0.28	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7368	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7369	0.14	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7370	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7371	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7372	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7373	0.15	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7374	0.15	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7375	0.16	0.35	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7376	0.16	0.35	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7377	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7378	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7379	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7380	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7381	0.14	0.30	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7382	0.14	0.30	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7383	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7384	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7385	0.13	0.28	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7386	0.13	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7387	0.13	0.29	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7388	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7389	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7390	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7391	0.13	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7392	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7393	0.12	0.26	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7394	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7395	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7396	0.12	0.26	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7397	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7398	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7399	0.12	0.26	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7400	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7401	0.14	0.30	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7402	0.11	0.25	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7403	0.12	0.27	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7404	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7405	0.10	0.21	0.12	302,302,333	0.0	0.0	0.0	0,0,0
7406	0.11	0.25	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7407	0.12	0.27	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7408	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
7409	0.09	0.21	0.11	302,302,333	0.0	0.0	0.0	0,0,0
7410	0.11	0.25	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7411	0.13	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
7412	0.08	0.18	0.09	302,302,333	0.0	0.0	0.0	0,0,0
7413	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7414	0.15	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
7415	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
7416	0.10	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7417	0.10	0.23	0.12	307,308,334	0.0	0.0	0.0	0,0,0
7418	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7419	0.11	0.23	0.13	315,308,333	0.0	0.0	0.0	0,0,0
7420	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7421	0.11	0.27	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7422	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7423	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7424	0.11	0.25	0.13	301,301,333	0.0	0.0	0.0	0,0,0
7425	0.20	0.44	0.24	301,301,333	0.0	0.0	0.0	0,0,0
7426	0.15	0.34	0.18	301,301,333	0.0	0.0	0.0	0,0,0
7427	0.28	0.62	0.34	301,301,333	0.27	0.25	0.24	301,323,333
7428	0.21	0.46	0.25	301,301,333	0.0	0.0	0.0	0,0,0
7429	0.43	0.79	0.51	301,301,333	0.31	0.34	0.33	301,323,333
7430	0.29	0.63	0.35	301,301,333	0.27	0.25	0.25	301,323,333
7431	0.61	0.79	0.74	301,301,333	0.32	0.35	0.34	301,323,333
7432	0.35	0.75	0.42	301,301,333	0.32	0.32	0.31	301,323,333
7433	0.17	0.40	0.21	308,308,334	0.0	0.0	0.0	0,0,0
7434	0.12	0.29	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7435	0.12	0.28	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7436	0.14	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
7437	0.19	0.43	0.24	301,301,333	0.0	0.0	0.0	0,0,0
7438	0.28	0.61	0.34	301,301,333	0.26	0.25	0.24	301,323,333
7439	0.43	0.78	0.53	301,301,333	0.31	0.34	0.33	302,323,333
7440	0.65	0.79	0.79	316,302,333	0.32	0.34	0.33	302,323,333
7441	0.21	0.48	0.26	308,308,334	0.0	0.0	0.0	0,0,0
7442	0.13	0.31	0.16	308,308,334	0.0	0.0	0.0	0,0,0
7443	0.12	0.27	0.14	308,308,334	0.0	0.0	0.0	0,0,0
7444	0.14	0.32	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7445	0.18	0.40	0.22	301,302,333	0.0	0.0	0.0	0,0,0
7446	0.25	0.54	0.30	301,302,333	0.23	0.0	0.0	302,0,0
7447	0.37	0.77	0.45	301,301,333	0.32	0.34	0.33	301,323,333
7448	0.41	0.79	0.50	301,301,333	0.33	0.35	0.34	301,323,333
7449	0.19	0.43	0.23	308,308,334	0.0	0.0	0.0	0,0,0
7450	0.22	0.50	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7451	0.12	0.28	0.14	308,308,334	0.0	0.0	0.0	0,0,0
7452	0.14	0.32	0.17	308,308,334	0.0	0.0	0.0	0,0,0
7453	0.09	0.22	0.11	316,308,333	0.0	0.0	0.0	0,0,0
7454	0.11	0.27	0.14	308,308,334	0.0	0.0	0.0	0,0,0
7455	0.08	0.19	0.09	308,308,334	0.0	0.0	0.0	0,0,0
7456	0.12	0.28	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7457	0.09	0.21	0.11	302,302,333	0.0	0.0	0.0	0,0,0
7458	0.15	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7459	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7460	0.20	0.45	0.25	301,302,333	0.0	0.0	0.0	0,0,0
7461	0.16	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7462	0.28	0.62	0.35	301,302,333	0.26	0.25	0.24	302,323,333
7463	0.18	0.39	0.22	302,302,333	0.0	0.0	0.0	0,0,0
7464	0.31	0.68	0.38	302,302,333	0.29	0.28	0.27	302,323,333
7465	0.15	0.35	0.18	315,315,334	0.0	0.0	0.0	0,0,0
7466	0.14	0.32	0.17	315,315,334	0.0	0.0	0.0	0,0,0
7467	0.12	0.28	0.15	315,315,334	0.0	0.0	0.0	0,0,0
7468	0.12	0.28	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7469	0.14	0.34	0.18	315,315,334	0.0	0.0	0.0	0,0,0
7470	0.13	0.30	0.16	315,315,334	0.0	0.0	0.0	0,0,0
7471	0.11	0.26	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7472	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
7473	0.12	0.29	0.15	315,315,334	0.0	0.0	0.0	0,0,0
7474	0.11	0.25	0.13	315,315,334	0.0	0.0	0.0	0,0,0
7475	0.09	0.21	0.12	315,315,334	0.0	0.0	0.0	0,0,0
7476	0.08	0.17	0.10	316,316,333	0.0	0.0	0.0	0,0,0
7477	0.11	0.26	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7478	0.10	0.23	0.12	315,315,334	0.0	0.0	0.0	0,0,0
7479	0.07	0.17	0.09	315,315,334	0.0	0.0	0.0	0,0,0
7480	0.06	0.13	0.07	316,316,334	0.0	0.0	0.0	0,0,0
7481	0.11	0.26	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7482	0.10	0.23	0.12	315,315,334	0.0	0.0	0.0	0,0,0
7483	0.07	0.18	0.09	315,315,334	0.0	0.0	0.0	0,0,0
7484	0.04	0.11	0.05	315,315,334	0.0	0.0	0.0	0,0,0
7485	0.12	0.26	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7486	0.11	0.25	0.13	315,315,334	0.0	0.0	0.0	0,0,0
7487	0.09	0.20	0.11	315,315,334	0.0	0.0	0.0	0,0,0
7488	0.07	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
7489	0.12	0.28	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7490	0.12	0.27	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7491	0.10	0.23	0.12	315,315,334	0.0	0.0	0.0	0,0,0
7492	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7493	0.13	0.28	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7494	0.13	0.28	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7495	0.11	0.24	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7496	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7497	0.15	0.37	0.19	307,315,334	0.0	0.0	0.0	0,0,0
7498	0.15	0.35	0.18	307,315,334	0.0	0.0	0.0	0,0,0
7499	0.14	0.32	0.17	307,315,334	0.0	0.0	0.0	0,0,0
7500	0.12	0.27	0.14	307,307,334	0.0	0.0	0.0	0,0,0
7501	0.11	0.26	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7502	0.12	0.27	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7503	0.13	0.28	0.16	308,307,334	0.0	0.0	0.0	0,0,0
7504	0.13	0.29	0.16	308,308,334	0.0	0.0	0.0	0,0,0
7505	0.15	0.37	0.18	307,315,334	0.0	0.0	0.0	0,0,0
7506	0.15	0.36	0.19	307,315,334	0.0	0.0	0.0	0,0,0
7507	0.14	0.34	0.18	307,307,334	0.0	0.0	0.0	0,0,0
7508	0.15	0.36	0.18	307,315,334	0.0	0.0	0.0	0,0,0
7509	0.13	0.31	0.16	307,307,334	0.0	0.0	0.0	0,0,0
7510	0.15	0.34	0.18	307,315,334	0.0	0.0	0.0	0,0,0
7511	0.11	0.25	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7512	0.11	0.26	0.14	307,307,334	0.0	0.0	0.0	0,0,0
7513	0.10	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7514	0.11	0.25	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7515	0.16	0.36	0.20	302,302,333	0.0	0.0	0.0	0,0,0
7516	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7517	0.22	0.49	0.27	302,302,333	0.0	0.0	0.0	0,0,0
7518	0.17	0.37	0.21	308,308,334	0.0	0.0	0.0	0,0,0
7519	0.25	0.55	0.31	307,308,334	0.23	0.0	0.0	308,0,0
7520	0.18	0.39	0.22	308,308,334	0.0	0.0	0.0	0,0,0
7521	0.14	0.36	0.17	307,315,334	0.0	0.0	0.0	0,0,0
7522	0.13	0.31	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7523	0.11	0.27	0.14	307,307,334	0.0	0.0	0.0	0,0,0
7524	0.09	0.21	0.11	307,307,334	0.0	0.0	0.0	0,0,0
7525	0.11	0.25	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7526	0.20	0.44	0.24	302,302,333	0.0	0.0	0.0	0,0,0
7527	0.33	0.70	0.40	302,302,333	0.29	0.30	0.29	302,323,333
7528	0.40	0.79	0.49	301,301,333	0.32	0.35	0.34	301,323,333
7529	0.60	0.76	0.73	302,315,333	0.29	0.33	0.32	302,323,333
7530	0.36	0.77	0.44	302,302,333	0.32	0.34	0.33	302,323,333

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7531	0.20	0.45	0.25	302,302,333	0.0	0.0	0.0	0,0,0
7532	0.11	0.25	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7533	0.06	0.15	0.08	307,307,334	0.0	0.0	0.0	0,0,0
7534	0.09	0.21	0.11	307,307,334	0.0	0.0	0.0	0,0,0
7535	0.10	0.27	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7536	0.11	0.30	0.13	307,315,334	0.0	0.0	0.0	0,0,0
7537	0.44	0.78	0.53	302,302,333	0.31	0.33	0.32	308,323,333
7538	0.35	0.74	0.42	302,302,333	0.31	0.32	0.31	302,323,333
7539	0.19	0.43	0.23	302,302,333	0.0	0.0	0.0	0,0,0
7540	0.10	0.23	0.12	302,302,333	0.0	0.0	0.0	0,0,0
7541	0.09	0.21	0.11	315,315,334	0.0	0.0	0.0	0,0,0
7542	0.11	0.28	0.14	315,315,334	0.0	0.0	0.0	0,0,0
7543	0.13	0.33	0.16	315,315,334	0.0	0.0	0.0	0,0,0
7544	0.14	0.40	0.17	315,315,334	0.0	0.0	0.0	0,0,0
7545	0.57	0.79	0.69	302,302,333	0.32	0.34	0.33	302,323,333
7546	0.36	0.79	0.44	302,302,333	0.34	0.35	0.33	302,323,333
7547	0.19	0.42	0.23	302,302,333	0.0	0.0	0.0	0,0,0
7548	0.10	0.22	0.12	302,302,333	0.0	0.0	0.0	0,0,0
7549	0.06	0.15	0.07	315,315,334	0.0	0.0	0.0	0,0,0
7550	0.09	0.23	0.11	315,315,334	0.0	0.0	0.0	0,0,0
7551	0.11	0.29	0.13	315,315,334	0.0	0.0	0.0	0,0,0
7552	0.14	0.39	0.17	307,315,334	0.0	0.0	0.0	0,0,0
7553	0.22	0.48	0.27	302,302,333	0.0	0.0	0.0	0,0,0
7554	0.20	0.44	0.24	302,302,333	0.0	0.0	0.0	0,0,0
7555	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7556	0.10	0.23	0.13	315,315,334	0.0	0.0	0.0	0,0,0
7557	0.12	0.27	0.15	315,316,334	0.0	0.0	0.0	0,0,0
7558	0.15	0.34	0.18	315,316,334	0.0	0.0	0.0	0,0,0
7559	0.16	0.39	0.19	315,316,334	0.0	0.0	0.0	0,0,0
7560	0.17	0.45	0.21	315,316,334	0.0	0.0	0.0	0,0,0
7561	0.30	0.65	0.36	302,302,333	0.28	0.26	0.25	302,323,333
7562	0.26	0.56	0.31	302,302,333	0.24	0.0	0.0	302,0,0
7563	0.17	0.38	0.21	302,302,333	0.0	0.0	0.0	0,0,0
7564	0.10	0.23	0.12	302,302,333	0.0	0.0	0.0	0,0,0
7565	0.11	0.25	0.13	315,315,334	0.0	0.0	0.0	0,0,0
7566	0.13	0.32	0.16	315,315,334	0.0	0.0	0.0	0,0,0
7567	0.15	0.37	0.18	315,315,334	0.0	0.0	0.0	0,0,0
7568	0.16	0.42	0.20	315,315,334	0.0	0.0	0.0	0,0,0
7569	0.17	0.37	0.21	302,302,333	0.0	0.0	0.0	0,0,0
7570	0.16	0.35	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7571	0.12	0.27	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7572	0.12	0.25	0.14	315,316,334	0.0	0.0	0.0	0,0,0
7573	0.13	0.28	0.16	316,316,334	0.0	0.0	0.0	0,0,0
7574	0.15	0.35	0.19	316,316,334	0.0	0.0	0.0	0,0,0
7575	0.16	0.39	0.20	316,316,334	0.0	0.0	0.0	0,0,0
7576	0.17	0.45	0.21	315,316,334	0.0	0.0	0.0	0,0,0
7577	0.12	0.26	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7578	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7579	0.11	0.24	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7580	0.12	0.25	0.14	315,316,334	0.0	0.0	0.0	0,0,0
7581	0.13	0.28	0.16	316,316,334	0.0	0.0	0.0	0,0,0
7582	0.15	0.35	0.19	316,316,334	0.0	0.0	0.0	0,0,0
7583	0.16	0.38	0.20	316,316,334	0.0	0.0	0.0	0,0,0
7584	0.16	0.42	0.20	316,316,333	0.0	0.0	0.0	0,0,0
7585	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7586	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7587	0.11	0.24	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7588	0.11	0.23	0.14	316,316,334	0.0	0.0	0.0	0,0,0
7589	0.12	0.25	0.15	316,316,334	0.0	0.0	0.0	0,0,0
7590	0.14	0.31	0.18	316,316,334	0.0	0.0	0.0	0,0,0
7591	0.15	0.34	0.18	316,316,334	0.0	0.0	0.0	0,0,0
7592	0.15	0.36	0.19	316,316,334	0.0	0.0	0.0	0,0,0
7593	0.15	0.37	0.18	316,302,333	0.0	0.0	0.0	0,0,0
7594	0.14	0.33	0.17	316,316,333	0.0	0.0	0.0	0,0,0
7595	0.14	0.33	0.17	316,316,333	0.0	0.0	0.0	0,0,0
7596	0.14	0.31	0.17	316,316,333	0.0	0.0	0.0	0,0,0
7597	0.13	0.29	0.17	316,316,334	0.0	0.0	0.0	0,0,0
7598	0.12	0.24	0.14	316,316,334	0.0	0.0	0.0	0,0,0
7599	0.10	0.21	0.13	316,316,334	0.0	0.0	0.0	0,0,0
7600	0.11	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7601	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7602	0.16	0.31	0.19	301,301,333	0.0	0.0	0.0	0,0,0
7603	0.12	0.23	0.15	316,316,333	0.0	0.0	0.0	0,0,0
7604	0.12	0.23	0.15	316,316,333	0.0	0.0	0.0	0,0,0
7605	0.12	0.22	0.14	316,316,334	0.0	0.0	0.0	0,0,0
7606	0.10	0.18	0.12	316,308,334	0.0	0.0	0.0	0,0,0
7607	0.08	0.14	0.09	316,308,334	0.0	0.0	0.0	0,0,0
7608	0.06	0.14	0.08	302,302,333	0.0	0.0	0.0	0,0,0
7609	0.14	0.25	0.16	301,301,333	0.0	0.0	0.0	0,0,0
7610	0.23	0.45	0.27	301,301,333	0.0	0.0	0.0	0,0,0
7611	0.11	0.18	0.13	316,316,333	0.0	0.0	0.0	0,0,0
7612	0.11	0.18	0.13	316,308,334	0.0	0.0	0.0	0,0,0
7613	0.11	0.18	0.13	316,316,334	0.0	0.0	0.0	0,0,0
7614	0.09	0.15	0.11	316,308,334	0.0	0.0	0.0	0,0,0
7615	0.06	0.10	0.08	308,314,334	0.0	0.0	0.0	0,0,0
7616	0.05	0.07	0.06	301,302,333	0.0	0.0	0.0	0,0,0
7617	0.14	0.25	0.16	301,301,333	0.0	0.0	0.0	0,0,0
7618	0.25	0.46	0.30	301,301,333	0.17	0.16	0.0	301,323,0
7619	0.10	0.16	0.13	316,316,333	0.0	0.0	0.0	0,0,0
7620	0.11	0.17	0.13	316,308,334	0.0	0.0	0.0	0,0,0
7621	0.11	0.17	0.13	316,308,334	0.0	0.0	0.0	0,0,0
7622	0.09	0.14	0.11	316,308,334	0.0	0.0	0.0	0,0,0
7623	0.06	0.08	0.07	308,320,334	0.0	0.0	0.0	0,0,0
7624	0.05	0.06	0.06	301,302,333	0.0	0.0	0.0	0,0,0
7625	0.13	0.24	0.16	301,301,333	0.0	0.0	0.0	0,0,0
7626	0.47	0.57	0.54	315,315,333	0.20	0.19	0.18	315,325,333
7627	0.08	0.13	0.10	302,308,333	0.0	0.0	0.0	0,0,0
7628	0.07	0.11	0.09	302,308,333	0.0	0.0	0.0	0,0,0
7629	0.10	0.22	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7630	0.11	0.21	0.13	302,316,333	0.0	0.0	0.0	0,0,0
7631	0.12	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
7632	0.42	0.76	0.50	320,320,334	0.30	0.31	0.30	320,328,334
7634	0.63	0.76	0.76	316,316,334	0.32	0.33	0.32	316,327,334
7635	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
7636	0.11	0.56	0.14	301,322,333	0.0	0.0	0.0	0,0,0
7637	0.78	0.79	0.93	307,307,334	0.28	0.27	0.26	307,330,334
7638	0.26	0.52	0.31	310,310,334	0.22	0.0	0.0	310,0,0
7639	0.23	0.48	0.27	316,316,334	0.0	0.0	0.0	0,0,0
7640	0.16	0.35	0.19	316,316,334	0.0	0.0	0.0	0,0,0
7641	0.17	0.38	0.21	316,316,334	0.0	0.0	0.0	0,0,0
7642	0.22	0.48	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7643	0.25	0.54	0.30	316,316,334	0.23	0.0	0.0	316,0,0
7644	0.51	0.66	0.60	301,301,333	0.24	0.25	0.24	301,323,333
7645	0.26	0.56	0.32	316,316,334	0.24	0.22	0.0	316,327,0
7646	0.17	0.36	0.21	316,316,334	0.0	0.0	0.0	0,0,0
7647	0.43	0.70	0.52	307,301,334	0.27	0.28	0.27	301,323,333
7648	0.16	0.33	0.19	316,316,334	0.0	0.0	0.0	0,0,0
7649	0.26	0.55	0.31	308,308,334	0.24	0.0	0.0	308,0,0
7650	0.11	0.24	0.13	315,316,334	0.0	0.0	0.0	0,0,0
7651	0.10	0.21	0.12	315,316,334	0.0	0.0	0.0	0,0,0
7652	0.08	0.16	0.09	315,316,334	0.0	0.0	0.0	0,0,0
7653	0.06	0.13	0.07	320,320,334	0.0	0.0	0.0	0,0,0
7654	0.11	0.24	0.14	315,316,334	0.0	0.0	0.0	0,0,0
7655	0.10	0.22	0.13	315,316,334	0.0	0.0	0.0	0,0,0
7656	0.08	0.17	0.10	315,316,334	0.0	0.0	0.0	0,0,0
7657	0.06	0.13	0.07	320,320,334	0.0	0.0	0.0	0,0,0
7658	0.09	0.20	0.11	315,316,334	0.0	0.0	0.0	0,0,0
7659	0.11	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
7660	0.11	0.24	0.13	315,316,334	0.0	0.0	0.0	0,0,0
7661	0.09	0.20	0.11	315,316,334	0.0	0.0	0.0	0,0,0
7662	0.11	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
7663	0.11	0.24	0.14	315,316,334	0.0	0.0	0.0	0,0,0
7664	0.07	0.16	0.09	315,316,334	0.0	0.0	0.0	0,0,0
7665	0.06	0.14	0.08	315,316,334	0.0	0.0	0.0	0,0,0
7666	0.22	0.47	0.26	308,308,334	0.0	0.0	0.0	0,0,0
7667	0.12	0.25	0.14	308,308,334	0.0	0.0	0.0	0,0,0
7668	0.05	0.10	0.06	320,320,334	0.0	0.0	0.0	0,0,0
7669	0.22	0.48	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7670	0.13	0.28	0.16	308,308,334	0.0	0.0	0.0	0,0,0
7671	0.06	0.12	0.07	320,320,334	0.0	0.0	0.0	0,0,0
7672	0.45	0.72	0.53	301,301,333	0.28	0.29	0.28	301,323,333
7673	0.30	0.64	0.36	308,308,334	0.28	0.25	0.25	308,327,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7674	0.12	0.27	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7675	0.09	0.19	0.10	308,308,334	0.0	0.0	0.0	0,0,0
7676	0.12	0.25	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7677	0.25	0.53	0.30	301,301,333	0.23	0.0	0.0	301,0,0
7678	0.61	0.75	0.73	307,301,334	0.29	0.30	0.29	301,323,333
7679	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7680	0.08	0.17	0.10	308,308,334	0.0	0.0	0.0	0,0,0
7681	0.10	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
7682	0.23	0.48	0.27	307,308,334	0.0	0.0	0.0	0,0,0
7683	0.35	0.74	0.42	308,308,334	0.31	0.31	0.30	308,327,334
7684	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7685	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7686	0.15	0.32	0.18	307,308,334	0.0	0.0	0.0	0,0,0
7687	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7688	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7689	0.15	0.32	0.18	307,308,334	0.0	0.0	0.0	0,0,0
7690	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7691	0.08	0.17	0.10	301,302,333	0.0	0.0	0.0	0,0,0
7692	0.08	0.18	0.10	301,302,333	0.0	0.0	0.0	0,0,0
7693	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7694	0.15	0.32	0.18	315,316,334	0.0	0.0	0.0	0,0,0
7695	0.16	0.34	0.19	307,316,334	0.0	0.0	0.0	0,0,0
7696	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
7697	0.09	0.18	0.11	301,302,333	0.0	0.0	0.0	0,0,0
7698	0.08	0.18	0.10	301,302,333	0.0	0.0	0.0	0,0,0
7699	0.11	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7700	0.15	0.32	0.18	315,316,334	0.0	0.0	0.0	0,0,0
7701	0.16	0.34	0.19	307,316,334	0.0	0.0	0.0	0,0,0
7702	0.24	0.51	0.29	301,302,333	0.0	0.0	0.0	0,0,0
7703	0.24	0.52	0.29	301,302,333	0.0	0.0	0.0	0,0,0
7704	0.64	0.78	0.77	301,302,333	0.31	0.34	0.33	302,323,333
7705	0.38	0.78	0.46	301,301,333	0.32	0.35	0.33	301,323,333
7706	0.40	0.74	0.48	302,302,333	0.30	0.31	0.30	308,323,333
7707	0.36	0.72	0.43	302,302,333	0.29	0.31	0.29	302,323,333
7708	0.11	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7709	0.19	0.41	0.23	302,302,333	0.0	0.0	0.0	0,0,0
7710	0.34	0.73	0.41	302,302,333	0.31	0.31	0.30	302,323,333
7711	0.64	0.76	0.78	302,302,333	0.30	0.32	0.31	302,323,333
7712	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
7713	0.17	0.37	0.20	302,302,333	0.0	0.0	0.0	0,0,0
7714	0.31	0.69	0.38	302,302,333	0.29	0.28	0.27	302,323,333
7715	0.41	0.76	0.50	302,302,333	0.30	0.32	0.31	302,323,333
7716	0.12	0.26	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7717	0.09	0.20	0.10	301,302,333	0.0	0.0	0.0	0,0,0
7718	0.11	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
7719	0.08	0.19	0.10	301,302,333	0.0	0.0	0.0	0,0,0
7720	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7721	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7722	0.15	0.32	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7723	0.14	0.32	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7724	0.16	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7725	0.15	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7726	0.16	0.35	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7727	0.16	0.35	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7728	0.16	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7729	0.16	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
7730	0.13	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7731	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7732	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7733	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7734	0.16	0.34	0.19	307,307,334	0.0	0.0	0.0	0,0,0
7735	0.09	0.18	0.10	307,307,334	0.0	0.0	0.0	0,0,0
7736	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7737	0.16	0.35	0.20	307,307,334	0.0	0.0	0.0	0,0,0
7738	0.09	0.19	0.10	307,302,334	0.0	0.0	0.0	0,0,0
7739	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7740	0.63	0.78	0.77	301,301,333	0.31	0.34	0.33	301,323,333
7741	0.34	0.73	0.41	301,307,333	0.31	0.31	0.30	307,327,334
7742	0.43	0.77	0.52	307,307,334	0.32	0.34	0.33	307,327,334
7743	0.33	0.71	0.40	307,307,334	0.31	0.30	0.29	307,327,334
7744	0.68	0.79	0.82	308,302,334	0.32	0.35	0.34	302,323,333

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7745	0.44	0.76	0.53	308,302,334	0.31	0.33	0.32	302,323,333
7746	0.40	0.78	0.49	308,308,334	0.33	0.34	0.33	302,327,334
7747	0.35	0.75	0.42	302,302,333	0.32	0.33	0.32	302,323,333
7748	0.18	0.38	0.22	302,302,333	0.0	0.0	0.0	0,0,0
7749	0.31	0.67	0.38	302,302,333	0.29	0.27	0.26	302,323,333
7750	0.15	0.33	0.19	308,308,334	0.0	0.0	0.0	0,0,0
7751	0.25	0.55	0.31	302,302,333	0.24	0.0	0.0	302,0,0
7752	0.13	0.28	0.16	307,307,334	0.0	0.0	0.0	0,0,0
7753	0.13	0.28	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7754	0.11	0.25	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7755	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7756	0.13	0.28	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7757	0.13	0.28	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7758	0.11	0.25	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7759	0.11	0.23	0.13	308,308,334	0.0	0.0	0.0	0,0,0
7760	0.13	0.29	0.16	308,308,334	0.0	0.0	0.0	0,0,0
7761	0.13	0.28	0.16	307,307,334	0.0	0.0	0.0	0,0,0
7762	0.25	0.54	0.31	308,308,334	0.23	0.0	0.0	308,0,0
7763	0.18	0.39	0.22	308,308,334	0.0	0.0	0.0	0,0,0
7764	0.21	0.46	0.26	308,308,334	0.0	0.0	0.0	0,0,0
7765	0.16	0.34	0.19	308,308,334	0.0	0.0	0.0	0,0,0
7766	0.40	0.77	0.49	307,308,334	0.30	0.33	0.32	308,327,334
7767	0.33	0.71	0.40	308,308,334	0.30	0.30	0.29	308,327,334
7768	0.56	0.75	0.67	307,308,333	0.29	0.32	0.31	301,323,334
7769	0.38	0.78	0.46	308,308,334	0.32	0.34	0.33	308,327,334
7770	0.44	0.79	0.53	308,308,334	0.31	0.33	0.32	308,327,334
7771	0.62	0.79	0.76	308,308,334	0.32	0.34	0.33	308,327,334
7772	0.35	0.74	0.43	308,308,334	0.31	0.31	0.30	308,327,334
7773	0.38	0.78	0.45	308,308,334	0.32	0.34	0.33	308,327,334
7774	0.22	0.48	0.27	302,302,333	0.0	0.0	0.0	0,0,0
7775	0.30	0.65	0.36	302,302,333	0.28	0.26	0.25	302,323,333
7776	0.19	0.41	0.23	308,308,334	0.0	0.0	0.0	0,0,0
7777	0.25	0.53	0.30	308,308,334	0.23	0.0	0.0	308,0,0
7778	0.17	0.37	0.21	302,302,333	0.0	0.0	0.0	0,0,0
7779	0.15	0.32	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7780	0.12	0.26	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7781	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
7782	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
7783	0.12	0.25	0.14	301,315,333	0.0	0.0	0.0	0,0,0
7784	0.16	0.31	0.19	301,301,333	0.0	0.0	0.0	0,0,0
7785	0.14	0.27	0.17	301,302,333	0.0	0.0	0.0	0,0,0
7786	0.23	0.45	0.27	301,301,333	0.0	0.0	0.0	0,0,0
7787	0.17	0.35	0.21	301,302,333	0.0	0.0	0.0	0,0,0
7788	0.27	0.49	0.32	301,301,333	0.19	0.18	0.18	301,323,333
7789	0.19	0.37	0.23	301,302,333	0.0	0.0	0.0	0,0,0
7790	0.22	0.46	0.27	301,307,333	0.0	0.0	0.0	0,0,0
7791	0.18	0.37	0.21	301,307,333	0.0	0.0	0.0	0,0,0
7792	0.21	0.45	0.25	316,316,334	0.0	0.0	0.0	0,0,0
7793	0.26	0.55	0.31	316,316,334	0.24	0.0	0.0	316,0,0
7794	0.32	0.69	0.39	316,316,334	0.30	0.29	0.28	316,327,334
7795	0.50	0.65	0.59	301,319,333	0.27	0.26	0.25	316,327,334
7796	0.36	0.76	0.44	315,316,334	0.33	0.34	0.33	316,327,334
7797	0.71	0.77	0.84	315,315,333	0.32	0.33	0.32	315,323,333
7798	0.14	0.29	0.17	320,320,334	0.0	0.0	0.0	0,0,0
7799	0.28	0.61	0.35	320,320,334	0.26	0.25	0.24	320,327,334
7800	0.13	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
7801	0.29	0.63	0.36	320,320,334	0.27	0.25	0.25	320,327,334
7802	0.11	0.25	0.14	315,316,334	0.0	0.0	0.0	0,0,0
7803	0.11	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
7804	0.08	0.18	0.10	319,320,334	0.0	0.0	0.0	0,0,0
7805	0.06	0.13	0.07	320,320,334	0.0	0.0	0.0	0,0,0
7806	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
7807	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
7808	0.09	0.19	0.11	319,320,334	0.0	0.0	0.0	0,0,0
7809	0.06	0.12	0.06	320,320,334	0.0	0.0	0.0	0,0,0
7810	0.09	0.19	0.11	315,316,334	0.0	0.0	0.0	0,0,0
7811	0.11	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
7812	0.11	0.25	0.14	315,316,334	0.0	0.0	0.0	0,0,0
7813	0.09	0.18	0.10	315,316,334	0.0	0.0	0.0	0,0,0
7814	0.11	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
7815	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7816	0.06	0.12	0.07	315,316,334	0.0	0.0	0.0	0,0,0
7817	0.05	0.11	0.06	320,316,334	0.0	0.0	0.0	0,0,0
7818	0.19	0.41	0.24	308,308,334	0.0	0.0	0.0	0,0,0
7819	0.14	0.29	0.17	308,308,334	0.0	0.0	0.0	0,0,0
7820	0.07	0.15	0.08	320,320,334	0.0	0.0	0.0	0,0,0
7821	0.21	0.46	0.26	319,320,334	0.0	0.0	0.0	0,0,0
7822	0.16	0.34	0.19	319,320,334	0.0	0.0	0.0	0,0,0
7823	0.09	0.19	0.10	320,320,334	0.0	0.0	0.0	0,0,0
7824	0.22	0.48	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7825	0.22	0.46	0.26	319,320,334	0.0	0.0	0.0	0,0,0
7826	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7827	0.08	0.16	0.09	308,308,334	0.0	0.0	0.0	0,0,0
7828	0.08	0.16	0.09	307,308,334	0.0	0.0	0.0	0,0,0
7829	0.17	0.36	0.21	307,308,334	0.0	0.0	0.0	0,0,0
7830	0.23	0.49	0.28	308,308,334	0.0	0.0	0.0	0,0,0
7831	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7832	0.08	0.17	0.10	308,308,334	0.0	0.0	0.0	0,0,0
7833	0.08	0.17	0.09	319,320,334	0.0	0.0	0.0	0,0,0
7834	0.15	0.33	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7835	0.21	0.45	0.26	319,320,334	0.0	0.0	0.0	0,0,0
7836	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7837	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7838	0.15	0.32	0.18	308,308,334	0.0	0.0	0.0	0,0,0
7839	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7840	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7841	0.15	0.32	0.18	308,308,334	0.0	0.0	0.0	0,0,0
7842	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7843	0.09	0.18	0.11	307,308,334	0.0	0.0	0.0	0,0,0
7844	0.07	0.16	0.09	301,302,333	0.0	0.0	0.0	0,0,0
7845	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7846	0.15	0.32	0.18	307,316,334	0.0	0.0	0.0	0,0,0
7847	0.15	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7848	0.15	0.32	0.18	307,308,334	0.0	0.0	0.0	0,0,0
7849	0.09	0.19	0.11	307,308,334	0.0	0.0	0.0	0,0,0
7850	0.06	0.14	0.07	301,302,333	0.0	0.0	0.0	0,0,0
7851	0.10	0.21	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7852	0.14	0.31	0.17	307,308,334	0.0	0.0	0.0	0,0,0
7853	0.15	0.33	0.19	307,308,334	0.0	0.0	0.0	0,0,0
7854	0.21	0.44	0.25	307,308,334	0.0	0.0	0.0	0,0,0
7855	0.19	0.40	0.23	308,308,334	0.0	0.0	0.0	0,0,0
7856	0.28	0.61	0.34	308,308,334	0.26	0.24	0.24	308,327,334
7857	0.26	0.57	0.32	308,308,334	0.24	0.23	0.0	308,327,0
7858	0.22	0.48	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7859	0.22	0.47	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7860	0.07	0.16	0.09	308,308,334	0.0	0.0	0.0	0,0,0
7861	0.13	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7862	0.22	0.48	0.27	302,302,333	0.0	0.0	0.0	0,0,0
7863	0.28	0.61	0.34	308,308,334	0.26	0.24	0.24	308,327,334
7864	0.06	0.13	0.07	301,302,333	0.0	0.0	0.0	0,0,0
7865	0.11	0.24	0.13	308,308,334	0.0	0.0	0.0	0,0,0
7866	0.17	0.38	0.21	308,308,334	0.0	0.0	0.0	0,0,0
7867	0.22	0.48	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7868	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7869	0.09	0.19	0.10	301,302,333	0.0	0.0	0.0	0,0,0
7870	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7871	0.09	0.19	0.11	301,302,333	0.0	0.0	0.0	0,0,0
7872	0.13	0.28	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7873	0.13	0.28	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7874	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7875	0.14	0.30	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7876	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7877	0.15	0.32	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7878	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7879	0.15	0.33	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7880	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7881	0.15	0.32	0.18	302,302,333	0.0	0.0	0.0	0,0,0
7882	0.13	0.28	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7883	0.14	0.31	0.17	302,302,333	0.0	0.0	0.0	0,0,0
7884	0.12	0.27	0.14	302,302,333	0.0	0.0	0.0	0,0,0
7885	0.13	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
7886	0.14	0.31	0.17	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7887	0.09	0.21	0.11	302,302,333	0.0	0.0	0.0	0,0,0
7888	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7889	0.13	0.27	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7890	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
7891	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7892	0.30	0.65	0.37	308,308,334	0.28	0.26	0.26	308,327,334
7893	0.25	0.54	0.30	307,307,334	0.23	0.0	0.0	307,0,0
7894	0.22	0.48	0.27	308,308,334	0.0	0.0	0.0	0,0,0
7895	0.20	0.43	0.24	307,308,334	0.0	0.0	0.0	0,0,0
7896	0.30	0.64	0.36	308,308,334	0.27	0.26	0.25	308,327,334
7897	0.21	0.47	0.26	308,308,334	0.0	0.0	0.0	0,0,0
7898	0.23	0.50	0.28	302,302,333	0.0	0.0	0.0	0,0,0
7899	0.17	0.37	0.21	302,302,333	0.0	0.0	0.0	0,0,0
7900	0.10	0.23	0.13	308,302,334	0.0	0.0	0.0	0,0,0
7901	0.17	0.38	0.21	302,302,333	0.0	0.0	0.0	0,0,0
7902	0.06	0.14	0.07	302,302,333	0.0	0.0	0.0	0,0,0
7903	0.13	0.28	0.15	302,302,333	0.0	0.0	0.0	0,0,0
7904	0.13	0.28	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7905	0.12	0.27	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7906	0.11	0.24	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7907	0.08	0.18	0.10	307,307,334	0.0	0.0	0.0	0,0,0
7908	0.12	0.27	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7909	0.12	0.26	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7910	0.10	0.23	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7911	0.08	0.17	0.09	307,307,334	0.0	0.0	0.0	0,0,0
7912	0.13	0.28	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7913	0.12	0.27	0.15	307,307,334	0.0	0.0	0.0	0,0,0
7914	0.15	0.32	0.18	308,308,334	0.0	0.0	0.0	0,0,0
7915	0.11	0.25	0.14	308,308,334	0.0	0.0	0.0	0,0,0
7916	0.08	0.18	0.10	302,302,333	0.0	0.0	0.0	0,0,0
7917	0.10	0.22	0.13	307,307,334	0.0	0.0	0.0	0,0,0
7918	0.19	0.42	0.23	302,308,333	0.0	0.0	0.0	0,0,0
7919	0.11	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7920	0.21	0.45	0.25	308,308,334	0.0	0.0	0.0	0,0,0
7921	0.13	0.27	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7922	0.21	0.44	0.25	308,308,334	0.0	0.0	0.0	0,0,0
7923	0.21	0.44	0.25	308,308,334	0.0	0.0	0.0	0,0,0
7924	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7925	0.12	0.27	0.15	308,308,334	0.0	0.0	0.0	0,0,0
7926	0.13	0.28	0.16	308,308,334	0.0	0.0	0.0	0,0,0
7927	0.17	0.35	0.20	308,308,334	0.0	0.0	0.0	0,0,0
7928	0.08	0.17	0.10	308,307,334	0.0	0.0	0.0	0,0,0
7929	0.10	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
7930	0.10	0.22	0.13	308,308,334	0.0	0.0	0.0	0,0,0
7931	0.09	0.19	0.11	307,307,334	0.0	0.0	0.0	0,0,0
7932	0.11	0.23	0.13	301,307,333	0.0	0.0	0.0	0,0,0
7933	0.09	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
7934	0.11	0.23	0.13	301,307,333	0.0	0.0	0.0	0,0,0
7935	0.09	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
7936	0.11	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7937	0.09	0.20	0.12	301,302,333	0.0	0.0	0.0	0,0,0
7938	0.10	0.20	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7939	0.09	0.18	0.11	302,302,333	0.0	0.0	0.0	0,0,0
7940	0.11	0.21	0.13	302,302,333	0.0	0.0	0.0	0,0,0
7941	0.15	0.30	0.18	301,316,333	0.0	0.0	0.0	0,0,0
7942	0.26	0.52	0.31	310,310,334	0.22	0.0	0.0	310,0,0
7943	0.20	0.42	0.23	310,310,334	0.0	0.0	0.0	0,0,0
7944	0.20	0.42	0.25	319,319,334	0.0	0.0	0.0	0,0,0
7945	0.21	0.45	0.25	320,320,334	0.0	0.0	0.0	0,0,0
7946	0.20	0.44	0.24	320,320,334	0.0	0.0	0.0	0,0,0
7947	0.09	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
7948	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
7949	0.21	0.45	0.24	320,320,334	0.0	0.0	0.0	0,0,0
7950	0.46	0.55	0.55	319,319,334	0.19	0.19	0.19	319,327,334
7951	0.44	0.65	0.49	301,320,333	0.25	0.26	0.25	319,330,334
7952	0.18	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
7953	0.10	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
7954	0.25	0.53	0.31	319,320,334	0.23	0.0	0.0	320,0,0
7955	0.18	0.39	0.21	320,320,334	0.0	0.0	0.0	0,0,0
7956	0.25	0.53	0.29	320,320,334	0.23	0.0	0.0	320,0,0
7957	0.06	0.12	0.07	316,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
7958	0.25	0.54	0.30	320,320,334	0.23	0.0	0.0	320,0,0
7959	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
7960	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
7961	0.09	0.20	0.11	319,320,334	0.0	0.0	0.0	0,0,0
7962	0.06	0.12	0.07	319,320,334	0.0	0.0	0.0	0,0,0
7963	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
7964	0.11	0.24	0.14	319,320,334	0.0	0.0	0.0	0,0,0
7965	0.15	0.33	0.18	319,320,334	0.0	0.0	0.0	0,0,0
7966	0.36	0.75	0.43	320,320,334	0.31	0.31	0.30	320,328,334
7967	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
7968	0.10	0.21	0.11	319,320,334	0.0	0.0	0.0	0,0,0
7969	0.14	0.30	0.17	319,320,334	0.0	0.0	0.0	0,0,0
7970	0.07	0.14	0.08	319,320,334	0.0	0.0	0.0	0,0,0
7971	0.08	0.18	0.10	315,316,334	0.0	0.0	0.0	0,0,0
7972	0.11	0.23	0.13	319,320,334	0.0	0.0	0.0	0,0,0
7973	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
7974	0.08	0.18	0.10	319,320,334	0.0	0.0	0.0	0,0,0
7975	0.11	0.23	0.13	319,320,334	0.0	0.0	0.0	0,0,0
7976	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
7977	0.24	0.50	0.28	320,320,334	0.0	0.0	0.0	0,0,0
7978	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
7979	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
7980	0.07	0.14	0.08	320,320,334	0.0	0.0	0.0	0,0,0
7981	0.08	0.18	0.10	320,320,334	0.0	0.0	0.0	0,0,0
7982	0.09	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
7983	0.26	0.57	0.32	319,319,334	0.24	0.22	0.0	319,327,0
7984	0.19	0.41	0.23	319,320,334	0.0	0.0	0.0	0,0,0
7985	0.11	0.23	0.12	320,320,334	0.0	0.0	0.0	0,0,0
7986	0.38	0.79	0.46	319,319,334	0.32	0.34	0.33	319,327,334
7987	0.25	0.53	0.29	319,320,334	0.23	0.0	0.0	320,0,0
7988	0.13	0.28	0.16	319,320,334	0.0	0.0	0.0	0,0,0
7989	0.54	0.76	0.64	315,319,334	0.30	0.31	0.31	319,327,334
7990	0.32	0.68	0.38	319,319,334	0.29	0.28	0.27	319,327,334
7991	0.17	0.35	0.20	319,320,334	0.0	0.0	0.0	0,0,0
7992	0.27	0.58	0.33	319,319,334	0.25	0.23	0.23	319,327,334
7993	0.41	0.78	0.50	319,319,334	0.31	0.33	0.32	319,327,334
7994	0.73	0.79	0.87	315,319,334	0.32	0.34	0.33	319,328,334
7995	0.13	0.27	0.16	308,308,334	0.0	0.0	0.0	0,0,0
7996	0.09	0.19	0.11	308,320,334	0.0	0.0	0.0	0,0,0
7997	0.10	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
7998	0.16	0.35	0.19	319,319,334	0.0	0.0	0.0	0,0,0
7999	0.25	0.53	0.30	319,319,334	0.23	0.0	0.0	319,0,0
8000	0.13	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
8001	0.10	0.21	0.12	320,320,334	0.0	0.0	0.0	0,0,0
8002	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8003	0.19	0.39	0.22	319,319,334	0.0	0.0	0.0	0,0,0
8004	0.34	0.72	0.40	319,319,334	0.31	0.30	0.29	319,328,334
8005	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8006	0.11	0.23	0.13	320,320,334	0.0	0.0	0.0	0,0,0
8007	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8008	0.19	0.39	0.22	319,319,334	0.0	0.0	0.0	0,0,0
8009	0.35	0.76	0.42	319,319,334	0.32	0.32	0.31	319,327,334
8010	0.16	0.34	0.19	308,308,334	0.0	0.0	0.0	0,0,0
8011	0.16	0.34	0.19	308,308,334	0.0	0.0	0.0	0,0,0
8012	0.15	0.32	0.18	308,308,334	0.0	0.0	0.0	0,0,0
8013	0.16	0.34	0.20	308,308,334	0.0	0.0	0.0	0,0,0
8014	0.16	0.34	0.20	308,308,334	0.0	0.0	0.0	0,0,0
8015	0.15	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8016	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8017	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8018	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8019	0.15	0.32	0.19	307,308,334	0.0	0.0	0.0	0,0,0
8020	0.10	0.21	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8021	0.05	0.11	0.05	301,302,333	0.0	0.0	0.0	0,0,0
8022	0.09	0.19	0.11	301,302,334	0.0	0.0	0.0	0,0,0
8023	0.14	0.30	0.17	307,308,334	0.0	0.0	0.0	0,0,0
8024	0.15	0.33	0.18	307,308,334	0.0	0.0	0.0	0,0,0
8025	0.17	0.36	0.21	319,320,334	0.0	0.0	0.0	0,0,0
8026	0.12	0.26	0.15	319,320,334	0.0	0.0	0.0	0,0,0
8027	0.06	0.14	0.07	319,320,334	0.0	0.0	0.0	0,0,0
8028	0.08	0.17	0.10	308,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8029	0.14	0.29	0.17	307,308,334	0.0	0.0	0.0	0,0,0
8030	0.15	0.32	0.18	307,308,334	0.0	0.0	0.0	0,0,0
8031	0.21	0.45	0.25	319,320,334	0.0	0.0	0.0	0,0,0
8032	0.16	0.35	0.19	319,320,334	0.0	0.0	0.0	0,0,0
8033	0.10	0.22	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8034	0.08	0.16	0.09	308,308,334	0.0	0.0	0.0	0,0,0
8035	0.14	0.29	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8036	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
8037	0.17	0.37	0.21	308,308,334	0.0	0.0	0.0	0,0,0
8038	0.18	0.39	0.22	319,320,334	0.0	0.0	0.0	0,0,0
8039	0.21	0.46	0.26	319,320,334	0.0	0.0	0.0	0,0,0
8040	0.19	0.41	0.23	308,308,334	0.0	0.0	0.0	0,0,0
8041	0.19	0.41	0.23	308,308,334	0.0	0.0	0.0	0,0,0
8042	0.18	0.38	0.22	308,308,334	0.0	0.0	0.0	0,0,0
8043	0.18	0.39	0.22	319,320,334	0.0	0.0	0.0	0,0,0
8044	0.19	0.41	0.24	319,320,334	0.0	0.0	0.0	0,0,0
8045	0.21	0.46	0.26	319,320,334	0.0	0.0	0.0	0,0,0
8046	0.07	0.14	0.08	301,302,333	0.0	0.0	0.0	0,0,0
8047	0.08	0.19	0.10	308,308,334	0.0	0.0	0.0	0,0,0
8048	0.14	0.31	0.17	308,308,334	0.0	0.0	0.0	0,0,0
8049	0.18	0.39	0.22	308,308,334	0.0	0.0	0.0	0,0,0
8050	0.07	0.15	0.08	301,302,333	0.0	0.0	0.0	0,0,0
8051	0.06	0.13	0.07	308,308,334	0.0	0.0	0.0	0,0,0
8052	0.11	0.25	0.14	308,308,334	0.0	0.0	0.0	0,0,0
8053	0.16	0.34	0.19	308,308,334	0.0	0.0	0.0	0,0,0
8054	0.08	0.17	0.09	315,316,334	0.0	0.0	0.0	0,0,0
8055	0.04	0.09	0.05	308,308,334	0.0	0.0	0.0	0,0,0
8056	0.10	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
8057	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
8058	0.11	0.24	0.14	316,316,333	0.0	0.0	0.0	0,0,0
8059	0.09	0.20	0.11	301,302,333	0.0	0.0	0.0	0,0,0
8060	0.12	0.25	0.14	316,316,334	0.0	0.0	0.0	0,0,0
8061	0.10	0.21	0.12	315,316,333	0.0	0.0	0.0	0,0,0
8062	0.12	0.26	0.15	316,316,334	0.0	0.0	0.0	0,0,0
8063	0.10	0.22	0.13	315,316,334	0.0	0.0	0.0	0,0,0
8064	0.13	0.27	0.15	316,302,333	0.0	0.0	0.0	0,0,0
8065	0.13	0.28	0.16	316,316,334	0.0	0.0	0.0	0,0,0
8066	0.13	0.28	0.16	316,316,334	0.0	0.0	0.0	0,0,0
8067	0.14	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
8068	0.13	0.29	0.16	316,316,334	0.0	0.0	0.0	0,0,0
8069	0.14	0.29	0.17	316,316,334	0.0	0.0	0.0	0,0,0
8070	0.14	0.30	0.17	302,302,333	0.0	0.0	0.0	0,0,0
8071	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
8072	0.14	0.29	0.17	316,316,334	0.0	0.0	0.0	0,0,0
8073	0.13	0.30	0.16	302,302,333	0.0	0.0	0.0	0,0,0
8074	0.14	0.30	0.17	302,302,333	0.0	0.0	0.0	0,0,0
8075	0.12	0.27	0.15	302,302,333	0.0	0.0	0.0	0,0,0
8076	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
8077	0.12	0.26	0.14	316,316,333	0.0	0.0	0.0	0,0,0
8078	0.13	0.29	0.16	316,316,334	0.0	0.0	0.0	0,0,0
8079	0.11	0.25	0.13	302,302,333	0.0	0.0	0.0	0,0,0
8080	0.12	0.27	0.15	302,302,333	0.0	0.0	0.0	0,0,0
8081	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
8082	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
8083	0.11	0.24	0.13	301,302,333	0.0	0.0	0.0	0,0,0
8084	0.10	0.21	0.12	316,316,333	0.0	0.0	0.0	0,0,0
8085	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
8086	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
8087	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
8088	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8089	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8090	0.12	0.26	0.14	301,302,333	0.0	0.0	0.0	0,0,0
8091	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8092	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8093	0.12	0.26	0.14	301,302,333	0.0	0.0	0.0	0,0,0
8094	0.17	0.36	0.20	308,308,334	0.0	0.0	0.0	0,0,0
8095	0.16	0.34	0.19	307,308,334	0.0	0.0	0.0	0,0,0
8096	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8097	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8098	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
8099	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8100	0.16	0.35	0.20	308,308,334	0.0	0.0	0.0	0,0,0
8101	0.14	0.30	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8102	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
8103	0.13	0.28	0.16	308,308,334	0.0	0.0	0.0	0,0,0
8104	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
8105	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8106	0.07	0.15	0.08	301,301,333	0.0	0.0	0.0	0,0,0
8107	0.09	0.21	0.11	302,302,333	0.0	0.0	0.0	0,0,0
8108	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
8109	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
8110	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
8111	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8112	0.12	0.26	0.15	307,307,334	0.0	0.0	0.0	0,0,0
8113	0.12	0.26	0.14	307,307,334	0.0	0.0	0.0	0,0,0
8114	0.10	0.22	0.12	307,307,334	0.0	0.0	0.0	0,0,0
8115	0.08	0.16	0.09	307,307,334	0.0	0.0	0.0	0,0,0
8116	0.12	0.26	0.15	307,307,334	0.0	0.0	0.0	0,0,0
8117	0.12	0.26	0.14	307,307,334	0.0	0.0	0.0	0,0,0
8118	0.11	0.23	0.13	307,307,334	0.0	0.0	0.0	0,0,0
8119	0.09	0.20	0.11	301,301,333	0.0	0.0	0.0	0,0,0
8120	0.13	0.27	0.15	307,307,334	0.0	0.0	0.0	0,0,0
8121	0.13	0.27	0.15	307,307,334	0.0	0.0	0.0	0,0,0
8122	0.12	0.26	0.14	307,307,334	0.0	0.0	0.0	0,0,0
8123	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
8124	0.12	0.26	0.15	307,307,334	0.0	0.0	0.0	0,0,0
8125	0.12	0.26	0.15	307,307,334	0.0	0.0	0.0	0,0,0
8126	0.13	0.27	0.15	301,307,334	0.0	0.0	0.0	0,0,0
8127	0.10	0.20	0.11	301,301,333	0.0	0.0	0.0	0,0,0
8128	0.11	0.23	0.13	315,307,334	0.0	0.0	0.0	0,0,0
8129	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
8130	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
8131	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
8132	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
8133	0.09	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
8134	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
8135	0.15	0.33	0.18	301,315,333	0.0	0.0	0.0	0,0,0
8136	0.09	0.19	0.11	315,315,333	0.0	0.0	0.0	0,0,0
8137	0.13	0.28	0.16	315,315,333	0.0	0.0	0.0	0,0,0
8138	0.16	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0
8139	0.10	0.22	0.12	315,315,334	0.0	0.0	0.0	0,0,0
8140	0.10	0.21	0.11	315,315,334	0.0	0.0	0.0	0,0,0
8141	0.14	0.30	0.17	315,315,334	0.0	0.0	0.0	0,0,0
8142	0.14	0.30	0.16	315,315,334	0.0	0.0	0.0	0,0,0
8143	0.17	0.36	0.20	315,307,334	0.0	0.0	0.0	0,0,0
8144	0.17	0.36	0.20	315,307,334	0.0	0.0	0.0	0,0,0
8145	0.10	0.22	0.12	315,307,334	0.0	0.0	0.0	0,0,0
8146	0.10	0.23	0.12	315,307,334	0.0	0.0	0.0	0,0,0
8147	0.14	0.30	0.17	315,307,334	0.0	0.0	0.0	0,0,0
8148	0.14	0.30	0.17	315,315,334	0.0	0.0	0.0	0,0,0
8149	0.17	0.36	0.20	307,307,334	0.0	0.0	0.0	0,0,0
8150	0.17	0.36	0.20	315,307,334	0.0	0.0	0.0	0,0,0
8151	0.10	0.22	0.12	307,307,334	0.0	0.0	0.0	0,0,0
8152	0.13	0.29	0.16	315,307,334	0.0	0.0	0.0	0,0,0
8153	0.16	0.35	0.20	315,307,334	0.0	0.0	0.0	0,0,0
8154	0.09	0.20	0.11	307,307,334	0.0	0.0	0.0	0,0,0
8155	0.13	0.27	0.15	315,315,334	0.0	0.0	0.0	0,0,0
8156	0.16	0.33	0.19	315,307,334	0.0	0.0	0.0	0,0,0
8157	0.08	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
8158	0.12	0.24	0.14	315,315,333	0.0	0.0	0.0	0,0,0
8159	0.15	0.32	0.18	315,315,333	0.0	0.0	0.0	0,0,0
8160	0.11	0.22	0.14	301,316,333	0.0	0.0	0.0	0,0,0
8161	0.15	0.29	0.18	301,315,333	0.0	0.0	0.0	0,0,0
8162	0.18	0.37	0.22	301,315,333	0.0	0.0	0.0	0,0,0
8163	0.12	0.23	0.14	301,316,333	0.0	0.0	0.0	0,0,0
8164	0.23	0.47	0.28	301,307,333	0.0	0.0	0.0	0,0,0
8165	0.58	0.60	0.68	307,307,334	0.21	0.20	0.19	307,330,334
8166	0.21	0.44	0.25	310,310,334	0.0	0.0	0.0	0,0,0
8167	0.15	0.30	0.18	301,315,333	0.0	0.0	0.0	0,0,0
8168	0.19	0.37	0.22	301,315,333	0.0	0.0	0.0	0,0,0
8169	0.12	0.23	0.14	301,316,333	0.0	0.0	0.0	0,0,0
8170	0.21	0.44	0.26	301,307,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8171	0.23	0.47	0.28	301,307,333	0.0	0.0	0.0	0,0,0
8172	0.27	0.59	0.31	319,320,334	0.25	0.0	0.0	320,0,0
8173	0.42	0.79	0.47	319,319,334	0.32	0.31	0.30	319,328,334
8174	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
8175	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
8176	0.15	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
8177	0.13	0.29	0.15	320,320,334	0.0	0.0	0.0	0,0,0
8178	0.04	0.09	0.05	319,319,334	0.0	0.0	0.0	0,0,0
8179	0.11	0.24	0.13	320,320,334	0.0	0.0	0.0	0,0,0
8180	0.06	0.13	0.06	319,319,334	0.0	0.0	0.0	0,0,0
8181	0.08	0.18	0.10	320,320,334	0.0	0.0	0.0	0,0,0
8182	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
8183	0.28	0.60	0.33	320,320,334	0.26	0.23	0.23	320,328,334
8184	0.10	0.21	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8185	0.08	0.17	0.09	319,320,334	0.0	0.0	0.0	0,0,0
8186	0.11	0.23	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8187	0.11	0.23	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8188	0.10	0.21	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8189	0.09	0.19	0.09	319,320,334	0.0	0.0	0.0	0,0,0
8190	0.10	0.21	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8191	0.23	0.50	0.28	320,320,334	0.0	0.0	0.0	0,0,0
8192	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
8193	0.10	0.22	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8194	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
8195	0.10	0.22	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8196	0.10	0.22	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8197	0.08	0.17	0.10	319,320,334	0.0	0.0	0.0	0,0,0
8198	0.23	0.49	0.28	319,319,334	0.0	0.0	0.0	0,0,0
8199	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8200	0.30	0.65	0.37	319,319,334	0.28	0.26	0.25	319,328,334
8201	0.29	0.61	0.34	320,320,334	0.26	0.24	0.23	320,328,334
8202	0.26	0.56	0.31	320,320,334	0.24	0.0	0.0	320,0,0
8203	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8204	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8205	0.14	0.28	0.17	319,319,334	0.0	0.0	0.0	0,0,0
8206	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8207	0.11	0.24	0.14	320,320,334	0.0	0.0	0.0	0,0,0
8208	0.11	0.23	0.13	319,320,334	0.0	0.0	0.0	0,0,0
8209	0.18	0.37	0.21	320,320,334	0.0	0.0	0.0	0,0,0
8210	0.33	0.70	0.39	320,320,334	0.30	0.27	0.27	320,328,334
8211	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
8212	0.42	0.78	0.49	320,320,334	0.32	0.33	0.32	320,328,334
8213	0.79	0.72	0.94	301,315,333	0.26	0.25	0.24	315,330,334
8214	0.63	0.69	0.76	319,320,334	0.29	0.28	0.27	320,327,334
8215	0.37	0.72	0.44	320,320,334	0.27	0.29	0.28	320,328,334
8216	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8217	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8218	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8219	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8220	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8221	0.09	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
8222	0.29	0.62	0.35	319,320,334	0.26	0.24	0.24	320,327,334
8223	0.23	0.49	0.27	319,320,334	0.0	0.0	0.0	0,0,0
8224	0.16	0.34	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8225	0.12	0.25	0.13	319,320,334	0.0	0.0	0.0	0,0,0
8226	0.14	0.30	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8227	0.15	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8228	0.45	0.79	0.53	319,320,334	0.33	0.33	0.33	320,328,334
8229	0.36	0.77	0.43	319,319,334	0.33	0.32	0.32	319,328,334
8230	0.22	0.47	0.26	319,320,334	0.0	0.0	0.0	0,0,0
8231	0.15	0.32	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8232	0.14	0.30	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8233	0.15	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8365	0.29	0.56	0.34	308,308,334	0.23	0.21	0.20	308,331,334
8380	0.29	0.61	0.35	319,320,334	0.26	0.24	0.24	320,327,334
8381	0.44	0.79	0.53	319,320,334	0.31	0.33	0.33	320,328,334
8382	0.23	0.49	0.28	319,320,334	0.0	0.0	0.0	0,0,0
8383	0.28	0.60	0.34	319,320,334	0.26	0.24	0.23	320,327,334
8384	0.31	0.67	0.37	319,320,334	0.28	0.26	0.25	320,328,334
8385	0.41	0.78	0.49	319,319,334	0.31	0.33	0.33	319,327,334
8386	0.09	0.20	0.12	315,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8387	0.05	0.12	0.07	315,316,334	0.0	0.0	0.0	0,0,0
8388	0.10	0.20	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8389	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8390	0.11	0.24	0.14	307,308,334	0.0	0.0	0.0	0,0,0
8391	0.08	0.18	0.10	319,320,334	0.0	0.0	0.0	0,0,0
8392	0.13	0.27	0.14	319,320,334	0.0	0.0	0.0	0,0,0
8393	0.20	0.41	0.23	320,320,334	0.0	0.0	0.0	0,0,0
8394	0.13	0.28	0.16	316,316,334	0.0	0.0	0.0	0,0,0
8395	0.12	0.25	0.14	315,316,334	0.0	0.0	0.0	0,0,0
8396	0.14	0.30	0.18	308,308,334	0.0	0.0	0.0	0,0,0
8397	0.13	0.28	0.16	307,308,334	0.0	0.0	0.0	0,0,0
8398	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
8399	0.15	0.31	0.18	308,316,334	0.0	0.0	0.0	0,0,0
8400	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
8401	0.15	0.31	0.18	308,316,334	0.0	0.0	0.0	0,0,0
8402	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
8403	0.15	0.31	0.18	316,316,334	0.0	0.0	0.0	0,0,0
8404	0.12	0.26	0.14	316,316,334	0.0	0.0	0.0	0,0,0
8405	0.14	0.29	0.16	316,316,334	0.0	0.0	0.0	0,0,0
8406	0.12	0.26	0.14	316,316,334	0.0	0.0	0.0	0,0,0
8407	0.14	0.29	0.17	316,316,334	0.0	0.0	0.0	0,0,0
8408	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
8409	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
8410	0.10	0.20	0.11	301,302,333	0.0	0.0	0.0	0,0,0
8411	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
8412	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8413	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8414	0.12	0.26	0.14	301,302,333	0.0	0.0	0.0	0,0,0
8415	0.14	0.30	0.18	307,307,334	0.0	0.0	0.0	0,0,0
8416	0.12	0.26	0.15	301,302,334	0.0	0.0	0.0	0,0,0
8417	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
8418	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
8419	0.15	0.33	0.18	301,302,333	0.0	0.0	0.0	0,0,0
8420	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
8421	0.15	0.32	0.18	301,302,334	0.0	0.0	0.0	0,0,0
8422	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
8423	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
8424	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8425	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8426	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8427	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8428	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8429	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
8430	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
8431	0.13	0.28	0.16	301,307,334	0.0	0.0	0.0	0,0,0
8432	0.13	0.28	0.16	301,315,334	0.0	0.0	0.0	0,0,0
8433	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8434	0.14	0.30	0.17	307,307,334	0.0	0.0	0.0	0,0,0
8435	0.14	0.29	0.17	307,307,334	0.0	0.0	0.0	0,0,0
8436	0.14	0.29	0.16	307,307,334	0.0	0.0	0.0	0,0,0
8437	0.13	0.28	0.16	307,307,334	0.0	0.0	0.0	0,0,0
8438	0.14	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
8439	0.16	0.34	0.19	307,307,334	0.0	0.0	0.0	0,0,0
8440	0.17	0.35	0.20	301,315,333	0.0	0.0	0.0	0,0,0
8441	0.15	0.33	0.18	301,301,333	0.0	0.0	0.0	0,0,0
8442	0.18	0.38	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8443	0.17	0.36	0.20	307,307,334	0.0	0.0	0.0	0,0,0
8444	0.18	0.38	0.21	315,307,334	0.0	0.0	0.0	0,0,0
8445	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8446	0.19	0.40	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8447	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8448	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8449	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8450	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8451	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8452	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8453	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8454	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8455	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8456	0.19	0.40	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8457	0.20	0.42	0.24	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8458	0.18	0.39	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8459	0.20	0.41	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8460	0.18	0.38	0.22	301,307,333	0.0	0.0	0.0	0,0,0
8461	0.20	0.42	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8462	0.21	0.43	0.25	301,307,333	0.0	0.0	0.0	0,0,0
8463	0.23	0.47	0.27	301,307,333	0.0	0.0	0.0	0,0,0
8464	0.28	0.54	0.34	301,301,333	0.22	0.20	0.20	301,323,333
8465	0.19	0.38	0.23	301,302,333	0.0	0.0	0.0	0,0,0
8466	0.26	0.50	0.32	309,309,334	0.21	0.0	0.0	309,0,0
8467	0.27	0.58	0.32	310,310,334	0.25	0.23	0.0	310,328,0
8468	0.21	0.41	0.26	309,309,334	0.0	0.0	0.0	0,0,0
8469	0.23	0.43	0.27	309,310,334	0.0	0.0	0.0	0,0,0
8470	0.18	0.37	0.21	309,309,334	0.0	0.0	0.0	0,0,0
8471	0.24	0.52	0.29	310,309,334	0.22	0.0	0.0	309,0,0
8473	0.12	0.46	0.14	302,314,333	0.0	0.0	0.0	0,0,0
8474	0.12	0.08	0.14	302,302,333	0.0	0.0	0.0	0,0,0
8475	0.06	0.12	0.06	320,320,334	0.0	0.0	0.0	0,0,0
8476	0.25	0.51	0.30	309,310,334	0.22	0.0	0.0	310,0,0
8477	0.12	0.25	0.14	301,307,333	0.0	0.0	0.0	0,0,0
8478	0.11	0.21	0.13	302,302,333	0.0	0.0	0.0	0,0,0
8479	0.41	0.78	0.46	319,320,334	0.31	0.30	0.29	320,328,334
8480	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8481	0.75	0.73	0.89	309,309,334	0.29	0.29	0.28	309,328,334
8482	0.20	0.44	0.24	310,310,334	0.0	0.0	0.0	0,0,0
8483	0.22	0.47	0.26	310,310,334	0.0	0.0	0.0	0,0,0
8484	0.40	0.74	0.44	319,319,334	0.29	0.28	0.27	319,328,334
8485	0.17	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8486	0.10	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
8487	0.07	0.15	0.08	319,320,334	0.0	0.0	0.0	0,0,0
8488	0.05	0.12	0.06	320,320,334	0.0	0.0	0.0	0,0,0
8489	0.10	0.22	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8490	0.10	0.22	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8491	0.10	0.22	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8492	0.09	0.20	0.10	319,320,334	0.0	0.0	0.0	0,0,0
8493	0.09	0.20	0.10	319,319,334	0.0	0.0	0.0	0,0,0
8494	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
8495	0.09	0.20	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8496	0.09	0.20	0.10	319,319,334	0.0	0.0	0.0	0,0,0
8497	0.20	0.44	0.24	320,320,334	0.0	0.0	0.0	0,0,0
8498	0.19	0.41	0.22	320,320,334	0.0	0.0	0.0	0,0,0
8499	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
8500	0.21	0.44	0.25	320,320,334	0.0	0.0	0.0	0,0,0
8501	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
8502	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
8503	0.08	0.17	0.09	320,320,334	0.0	0.0	0.0	0,0,0
8504	0.21	0.46	0.26	320,320,334	0.0	0.0	0.0	0,0,0
8505	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8506	0.08	0.18	0.10	316,316,334	0.0	0.0	0.0	0,0,0
8507	0.34	0.68	0.40	308,308,334	0.27	0.27	0.26	308,331,334
8508	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
8509	0.65	0.79	0.77	320,319,334	0.32	0.33	0.32	319,328,334
8510	0.41	0.78	0.49	319,319,334	0.32	0.32	0.32	319,327,334
8511	0.25	0.53	0.29	319,320,334	0.23	0.0	0.0	320,0,0
8512	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8513	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8514	0.23	0.50	0.27	320,320,334	0.0	0.0	0.0	0,0,0
8515	0.65	0.78	0.78	320,319,334	0.31	0.32	0.31	319,327,334
8516	0.35	0.75	0.41	320,320,334	0.32	0.31	0.30	320,328,334
8517	0.46	0.79	0.55	319,319,334	0.31	0.33	0.33	319,327,334
8518	0.13	0.28	0.16	319,320,334	0.0	0.0	0.0	0,0,0
8519	0.10	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
8520	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8521	0.22	0.46	0.25	320,320,334	0.0	0.0	0.0	0,0,0
8522	0.15	0.32	0.19	308,308,334	0.0	0.0	0.0	0,0,0
8523	0.14	0.30	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8524	0.15	0.32	0.19	308,308,334	0.0	0.0	0.0	0,0,0
8525	0.15	0.32	0.19	308,308,334	0.0	0.0	0.0	0,0,0
8526	0.15	0.31	0.18	308,316,334	0.0	0.0	0.0	0,0,0
8527	0.12	0.25	0.14	316,316,334	0.0	0.0	0.0	0,0,0
8528	0.14	0.29	0.17	316,316,334	0.0	0.0	0.0	0,0,0
8529	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8530	0.10	0.20	0.12	316,316,334	0.0	0.0	0.0	0,0,0
8531	0.18	0.39	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8532	0.15	0.33	0.19	319,319,334	0.0	0.0	0.0	0,0,0
8533	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8534	0.17	0.37	0.21	307,308,334	0.0	0.0	0.0	0,0,0
8535	0.19	0.40	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8536	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8537	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8538	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8539	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
8540	0.15	0.33	0.19	307,307,334	0.0	0.0	0.0	0,0,0
8541	0.15	0.31	0.18	307,307,334	0.0	0.0	0.0	0,0,0
8542	0.14	0.30	0.17	307,307,334	0.0	0.0	0.0	0,0,0
8543	0.13	0.29	0.16	307,307,334	0.0	0.0	0.0	0,0,0
8544	0.17	0.36	0.20	307,307,334	0.0	0.0	0.0	0,0,0
8545	0.18	0.40	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8546	0.18	0.38	0.21	307,307,334	0.0	0.0	0.0	0,0,0
8547	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8548	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8549	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8550	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8551	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8552	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8553	0.20	0.42	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8554	0.19	0.41	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8555	0.22	0.46	0.27	301,307,333	0.0	0.0	0.0	0,0,0
8556	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8557	0.50	0.77	0.60	309,319,334	0.30	0.31	0.30	319,330,334
8558	0.19	0.37	0.22	301,315,333	0.0	0.0	0.0	0,0,0
8559	0.15	0.30	0.19	301,316,333	0.0	0.0	0.0	0,0,0
8560	0.33	0.56	0.38	301,315,333	0.20	0.20	0.19	307,325,333
8561	0.06	0.06	0.07	302,322,333	0.0	0.0	0.0	0,0,0
8562	0.21	0.44	0.26	301,307,333	0.0	0.0	0.0	0,0,0
8565	0.08	0.06	0.10	302,302,333	0.0	0.0	0.0	0,0,0
8566	0.06	0.04	0.07	302,302,333	0.0	0.0	0.0	0,0,0
8567	0.09	0.12	0.11	316,316,333	0.0	0.0	0.0	0,0,0
8568	0.10	0.14	0.12	316,308,334	0.0	0.0	0.0	0,0,0
8569	0.09	0.18	0.11	302,302,333	0.0	0.0	0.0	0,0,0
8570	0.23	0.47	0.27	301,307,333	0.0	0.0	0.0	0,0,0
8573	0.13	0.21	0.15	307,307,334	0.0	0.0	0.0	0,0,0
8574	0.43	0.62	0.52	307,307,334	0.22	0.24	0.23	307,327,334
8575	0.10	0.14	0.12	316,308,334	0.0	0.0	0.0	0,0,0
8576	0.06	0.07	0.07	308,320,334	0.0	0.0	0.0	0,0,0
8577	0.12	0.23	0.15	301,316,333	0.0	0.0	0.0	0,0,0
8578	0.26	0.54	0.31	315,315,334	0.22	0.20	0.20	315,327,334
8581	0.45	0.67	0.52	301,307,333	0.25	0.26	0.25	307,330,334
8582	0.27	0.59	0.33	310,309,334	0.25	0.23	0.23	309,328,334
8583	0.09	0.12	0.11	316,308,334	0.0	0.0	0.0	0,0,0
8584	0.05	0.05	0.05	301,302,333	0.0	0.0	0.0	0,0,0
8585	0.16	0.30	0.19	301,301,333	0.0	0.0	0.0	0,0,0
8586	0.11	0.23	0.13	315,315,334	0.0	0.0	0.0	0,0,0
8587	0.30	0.58	0.36	309,309,334	0.24	0.23	0.22	309,328,334
8588	0.21	0.45	0.25	310,310,334	0.0	0.0	0.0	0,0,0
8589	0.23	0.48	0.27	310,310,334	0.0	0.0	0.0	0,0,0
8590	0.16	0.33	0.18	308,308,334	0.0	0.0	0.0	0,0,0
8591	0.18	0.37	0.21	309,310,334	0.0	0.0	0.0	0,0,0
8592	0.18	0.37	0.21	319,320,334	0.0	0.0	0.0	0,0,0
8593	0.20	0.43	0.24	310,310,334	0.0	0.0	0.0	0,0,0
8594	0.19	0.40	0.22	320,320,334	0.0	0.0	0.0	0,0,0
8595	0.18	0.38	0.22	309,310,334	0.0	0.0	0.0	0,0,0
8597	0.69	0.79	0.82	319,319,334	0.30	0.28	0.28	319,328,334
8598	0.23	0.50	0.28	320,320,334	0.0	0.0	0.0	0,0,0
8599	0.13	0.27	0.15	319,320,334	0.0	0.0	0.0	0,0,0
8600	0.14	0.31	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8602	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8603	0.20	0.43	0.22	320,320,334	0.0	0.0	0.0	0,0,0
8604	0.13	0.28	0.16	319,320,334	0.0	0.0	0.0	0,0,0
8605	0.12	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
8606	0.11	0.23	0.12	308,308,334	0.0	0.0	0.0	0,0,0
8607	0.11	0.24	0.13	320,320,334	0.0	0.0	0.0	0,0,0
8608	0.07	0.16	0.09	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8609	0.05	0.11	0.05	319,320,334	0.0	0.0	0.0	0,0,0
8610	0.20	0.42	0.24	309,310,334	0.0	0.0	0.0	0,0,0
8611	0.08	0.18	0.09	319,320,334	0.0	0.0	0.0	0,0,0
8612	0.06	0.14	0.07	319,320,334	0.0	0.0	0.0	0,0,0
8613	0.12	0.26	0.13	319,320,334	0.0	0.0	0.0	0,0,0
8614	0.09	0.20	0.10	319,320,334	0.0	0.0	0.0	0,0,0
8615	0.13	0.29	0.15	319,320,334	0.0	0.0	0.0	0,0,0
8617	0.10	0.21	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8618	0.10	0.23	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8619	0.10	0.22	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8620	0.10	0.22	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8621	0.10	0.22	0.11	319,320,334	0.0	0.0	0.0	0,0,0
8622	0.11	0.24	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8623	0.12	0.25	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8624	0.11	0.25	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8625	0.11	0.23	0.12	320,320,334	0.0	0.0	0.0	0,0,0
8626	0.13	0.28	0.14	319,320,334	0.0	0.0	0.0	0,0,0
8627	0.14	0.30	0.15	319,320,334	0.0	0.0	0.0	0,0,0
8628	0.14	0.30	0.15	319,320,334	0.0	0.0	0.0	0,0,0
8629	0.11	0.23	0.12	319,319,334	0.0	0.0	0.0	0,0,0
8630	0.10	0.21	0.10	319,319,334	0.0	0.0	0.0	0,0,0
8631	0.09	0.18	0.09	319,319,334	0.0	0.0	0.0	0,0,0
8632	0.11	0.24	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8633	0.10	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
8634	0.09	0.19	0.09	320,320,334	0.0	0.0	0.0	0,0,0
8635	0.12	0.24	0.12	319,320,334	0.0	0.0	0.0	0,0,0
8636	0.10	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
8637	0.09	0.19	0.09	320,320,334	0.0	0.0	0.0	0,0,0
8638	0.12	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8639	0.13	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8640	0.13	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8641	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
8642	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8643	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8644	0.14	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8645	0.14	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8646	0.14	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8647	0.14	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8648	0.14	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8649	0.14	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8650	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
8651	0.13	0.28	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8652	0.13	0.29	0.15	319,320,334	0.0	0.0	0.0	0,0,0
8653	0.08	0.17	0.09	319,320,334	0.0	0.0	0.0	0,0,0
8654	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
8655	0.08	0.17	0.09	320,320,334	0.0	0.0	0.0	0,0,0
8656	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
8657	0.11	0.23	0.13	320,320,334	0.0	0.0	0.0	0,0,0
8658	0.14	0.30	0.16	320,320,334	0.0	0.0	0.0	0,0,0
8659	0.11	0.25	0.13	319,320,334	0.0	0.0	0.0	0,0,0
8660	0.10	0.21	0.11	319,319,334	0.0	0.0	0.0	0,0,0
8661	0.11	0.23	0.12	319,319,334	0.0	0.0	0.0	0,0,0
8662	0.12	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8663	0.14	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
8664	0.13	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8665	0.12	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8666	0.12	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8667	0.13	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8668	0.11	0.22	0.13	316,316,334	0.0	0.0	0.0	0,0,0
8669	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8670	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8671	0.15	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
8672	0.16	0.34	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8673	0.16	0.34	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8674	0.15	0.33	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8675	0.16	0.34	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8676	0.16	0.35	0.19	319,320,334	0.0	0.0	0.0	0,0,0
8677	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
8678	0.20	0.42	0.25	319,319,334	0.0	0.0	0.0	0,0,0
8679	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8680	0.15	0.33	0.18	319,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8681	0.14	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
8682	0.07	0.15	0.08	319,320,334	0.0	0.0	0.0	0,0,0
8683	0.33	0.72	0.40	320,320,334	0.31	0.29	0.28	320,328,334
8684	0.31	0.66	0.37	320,320,334	0.28	0.26	0.25	320,328,334
8685	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8686	0.14	0.30	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8687	0.15	0.32	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8688	0.15	0.33	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8689	0.22	0.47	0.26	320,320,334	0.0	0.0	0.0	0,0,0
8690	0.21	0.44	0.25	320,320,334	0.0	0.0	0.0	0,0,0
8691	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
8692	0.15	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
8693	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
8694	0.16	0.35	0.19	319,320,334	0.0	0.0	0.0	0,0,0
8695	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8696	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8697	0.25	0.55	0.30	320,320,334	0.23	0.0	0.0	320,0,0
8698	0.42	0.79	0.49	320,320,334	0.31	0.33	0.33	320,328,334
8699	0.10	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
8700	0.36	0.76	0.43	320,320,334	0.32	0.32	0.31	320,328,334
8701	0.48	0.79	0.56	320,320,334	0.33	0.33	0.33	320,327,334
8702	0.64	0.79	0.73	320,320,334	0.32	0.33	0.32	320,328,334
8703	0.32	0.69	0.38	320,320,334	0.30	0.27	0.27	320,328,334
8704	0.15	0.32	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8705	0.13	0.27	0.15	319,320,334	0.0	0.0	0.0	0,0,0
8706	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8707	0.22	0.48	0.26	320,320,334	0.0	0.0	0.0	0,0,0
8708	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
8709	0.23	0.47	0.26	308,308,334	0.0	0.0	0.0	0,0,0
8710	0.18	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
8711	0.53	0.78	0.65	315,308,334	0.31	0.35	0.34	308,327,334
8712	0.07	0.15	0.09	315,316,334	0.0	0.0	0.0	0,0,0
8713	0.16	0.33	0.19	319,320,334	0.0	0.0	0.0	0,0,0
8714	0.14	0.28	0.16	319,320,334	0.0	0.0	0.0	0,0,0
8715	0.11	0.23	0.13	320,309,334	0.0	0.0	0.0	0,0,0
8716	0.16	0.34	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8717	0.16	0.34	0.19	319,320,334	0.0	0.0	0.0	0,0,0
8718	0.16	0.35	0.20	319,320,334	0.0	0.0	0.0	0,0,0
8719	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
8720	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8721	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8722	0.16	0.34	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8723	0.17	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8724	0.39	0.74	0.48	308,308,334	0.29	0.32	0.31	320,327,334
8725	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8726	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8727	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8728	0.15	0.31	0.18	320,316,334	0.0	0.0	0.0	0,0,0
8729	0.15	0.31	0.18	320,320,334	0.0	0.0	0.0	0,0,0
8730	0.17	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
8731	0.11	0.24	0.14	316,316,334	0.0	0.0	0.0	0,0,0
8732	0.13	0.29	0.17	316,316,334	0.0	0.0	0.0	0,0,0
8733	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
8734	0.13	0.27	0.16	316,316,334	0.0	0.0	0.0	0,0,0
8735	0.34	0.70	0.43	320,320,334	0.29	0.30	0.29	320,327,334
8736	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8737	0.11	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8738	0.09	0.18	0.10	316,316,334	0.0	0.0	0.0	0,0,0
8739	0.14	0.30	0.17	319,319,334	0.0	0.0	0.0	0,0,0
8740	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8741	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8742	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8743	0.26	0.55	0.32	307,307,334	0.23	0.0	0.0	307,0,0
8744	0.21	0.45	0.26	307,307,334	0.0	0.0	0.0	0,0,0
8745	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
8746	0.39	0.75	0.47	315,315,334	0.29	0.32	0.31	307,327,334
8747	0.30	0.64	0.37	315,315,334	0.28	0.26	0.25	315,327,334
8748	0.20	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8749	0.69	0.78	0.81	315,308,333	0.32	0.33	0.32	315,327,334
8750	0.38	0.78	0.47	315,315,334	0.32	0.35	0.34	315,327,334
8751	0.24	0.52	0.30	319,319,334	0.22	0.0	0.0	319,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8752	0.23	0.49	0.29	307,308,334	0.0	0.0	0.0	0,0,0
8753	0.27	0.57	0.33	307,307,334	0.24	0.23	0.23	307,327,334
8754	0.34	0.72	0.42	308,308,334	0.31	0.31	0.30	308,327,334
8755	0.42	0.76	0.52	315,307,334	0.30	0.32	0.32	308,327,334
8756	0.36	0.78	0.45	307,308,334	0.33	0.35	0.34	308,327,334
8757	0.76	0.78	0.92	315,308,334	0.31	0.34	0.34	308,327,334
8758	0.14	0.30	0.17	308,308,334	0.0	0.0	0.0	0,0,0
8759	0.17	0.36	0.21	320,320,334	0.0	0.0	0.0	0,0,0
8760	0.17	0.35	0.21	320,320,334	0.0	0.0	0.0	0,0,0
8761	0.11	0.25	0.14	301,308,334	0.0	0.0	0.0	0,0,0
8762	0.09	0.18	0.11	320,320,334	0.0	0.0	0.0	0,0,0
8763	0.09	0.20	0.12	320,320,334	0.0	0.0	0.0	0,0,0
8764	0.13	0.27	0.15	307,307,334	0.0	0.0	0.0	0,0,0
8765	0.12	0.26	0.15	307,308,334	0.0	0.0	0.0	0,0,0
8766	0.13	0.28	0.16	307,307,334	0.0	0.0	0.0	0,0,0
8767	0.11	0.23	0.13	307,307,334	0.0	0.0	0.0	0,0,0
8768	0.14	0.30	0.18	319,319,334	0.0	0.0	0.0	0,0,0
8769	0.11	0.22	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8770	0.17	0.36	0.21	307,307,334	0.0	0.0	0.0	0,0,0
8771	0.16	0.35	0.20	307,307,334	0.0	0.0	0.0	0,0,0
8772	0.15	0.32	0.19	307,307,334	0.0	0.0	0.0	0,0,0
8773	0.14	0.30	0.17	307,307,334	0.0	0.0	0.0	0,0,0
8774	0.18	0.39	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8775	0.18	0.38	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8776	0.17	0.36	0.20	307,307,334	0.0	0.0	0.0	0,0,0
8777	0.15	0.32	0.19	307,307,334	0.0	0.0	0.0	0,0,0
8778	0.19	0.42	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8779	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8780	0.18	0.39	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8781	0.17	0.35	0.20	307,307,334	0.0	0.0	0.0	0,0,0
8782	0.18	0.38	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8783	0.18	0.40	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8784	0.19	0.41	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8785	0.19	0.40	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8786	0.18	0.39	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8787	0.19	0.40	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8788	0.18	0.40	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8789	0.18	0.40	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8790	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8791	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8792	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8793	0.18	0.39	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8794	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8795	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8796	0.18	0.38	0.21	307,307,334	0.0	0.0	0.0	0,0,0
8797	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8798	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8799	0.19	0.40	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8800	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8801	0.16	0.35	0.20	307,307,334	0.0	0.0	0.0	0,0,0
8802	0.17	0.36	0.20	307,307,334	0.0	0.0	0.0	0,0,0
8803	0.20	0.42	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8804	0.20	0.43	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8805	0.18	0.39	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8806	0.19	0.40	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8807	0.15	0.31	0.18	307,307,334	0.0	0.0	0.0	0,0,0
8808	0.15	0.33	0.19	307,307,334	0.0	0.0	0.0	0,0,0
8809	0.20	0.42	0.24	307,307,334	0.0	0.0	0.0	0,0,0
8810	0.18	0.38	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8811	0.14	0.30	0.17	307,307,334	0.0	0.0	0.0	0,0,0
8812	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8813	0.17	0.37	0.21	301,307,333	0.0	0.0	0.0	0,0,0
8814	0.15	0.32	0.18	301,307,333	0.0	0.0	0.0	0,0,0
8815	0.22	0.46	0.27	301,307,333	0.0	0.0	0.0	0,0,0
8816	0.21	0.43	0.25	301,307,333	0.0	0.0	0.0	0,0,0
8817	0.17	0.35	0.20	301,307,333	0.0	0.0	0.0	0,0,0
8818	0.12	0.25	0.15	301,307,333	0.0	0.0	0.0	0,0,0
8819	0.18	0.37	0.21	301,307,333	0.0	0.0	0.0	0,0,0
8820	0.25	0.50	0.30	310,310,334	0.21	0.0	0.0	310,0,0
8821	0.13	0.27	0.15	310,310,334	0.0	0.0	0.0	0,0,0
8822	0.23	0.46	0.27	310,310,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8823	0.21	0.44	0.26	301,307,333	0.0	0.0	0.0	0,0,0
8824	0.24	0.42	0.29	309,309,334	0.0	0.0	0.0	0,0,0
8825	0.23	0.47	0.27	301,307,333	0.0	0.0	0.0	0,0,0
8826	0.18	0.37	0.22	310,310,334	0.0	0.0	0.0	0,0,0
8827	0.09	0.16	0.10	310,310,334	0.0	0.0	0.0	0,0,0
8828	0.08	0.15	0.09	320,320,334	0.0	0.0	0.0	0,0,0
8829	0.12	0.22	0.14	310,310,334	0.0	0.0	0.0	0,0,0
8830	0.21	0.44	0.25	310,310,334	0.0	0.0	0.0	0,0,0
8831	0.18	0.36	0.21	310,310,334	0.0	0.0	0.0	0,0,0
8832	0.23	0.47	0.28	301,307,333	0.0	0.0	0.0	0,0,0
8833	0.20	0.39	0.24	310,310,334	0.0	0.0	0.0	0,0,0
8834	0.21	0.43	0.24	310,310,334	0.0	0.0	0.0	0,0,0
8835	0.23	0.48	0.28	301,307,333	0.0	0.0	0.0	0,0,0
8836	0.34	0.67	0.41	308,308,334	0.26	0.27	0.26	308,331,334
8837	0.14	0.24	0.17	310,310,334	0.0	0.0	0.0	0,0,0
8838	0.09	0.17	0.11	302,302,333	0.0	0.0	0.0	0,0,0
8839	0.08	0.16	0.09	302,302,333	0.0	0.0	0.0	0,0,0
8840	0.15	0.31	0.18	310,310,334	0.0	0.0	0.0	0,0,0
8841	0.24	0.47	0.29	310,310,334	0.0	0.0	0.0	0,0,0
8842	0.27	0.57	0.32	315,315,334	0.24	0.22	0.22	315,327,334
8843	0.11	0.23	0.13	315,315,334	0.0	0.0	0.0	0,0,0
8844	0.11	0.23	0.13	301,307,333	0.0	0.0	0.0	0,0,0
8845	0.22	0.48	0.27	315,315,334	0.0	0.0	0.0	0,0,0
8846	0.11	0.23	0.13	315,315,334	0.0	0.0	0.0	0,0,0
8847	0.10	0.21	0.12	301,307,333	0.0	0.0	0.0	0,0,0
8848	0.16	0.35	0.20	316,316,334	0.0	0.0	0.0	0,0,0
8849	0.12	0.27	0.15	316,316,334	0.0	0.0	0.0	0,0,0
8850	0.08	0.17	0.10	301,307,333	0.0	0.0	0.0	0,0,0
8851	0.05	0.12	0.05	319,320,334	0.0	0.0	0.0	0,0,0
8852	0.24	0.44	0.28	309,309,334	0.0	0.0	0.0	0,0,0
8853	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
8854	0.29	0.63	0.35	316,316,334	0.27	0.24	0.24	316,327,334
8855	0.09	0.20	0.11	310,310,334	0.0	0.0	0.0	0,0,0
8856	0.10	0.21	0.12	308,308,334	0.0	0.0	0.0	0,0,0
8857	0.35	0.75	0.42	315,316,334	0.32	0.33	0.32	316,327,334
8858	0.24	0.51	0.30	308,308,334	0.0	0.0	0.0	0,0,0
8859	0.13	0.28	0.16	307,307,334	0.0	0.0	0.0	0,0,0
8860	0.79	0.80	0.96	307,307,334	0.32	0.34	0.33	307,327,334
8861	0.35	0.75	0.43	308,308,334	0.31	0.32	0.31	308,327,334
8862	0.14	0.29	0.17	308,308,334	0.0	0.0	0.0	0,0,0
8863	0.16	0.34	0.19	307,307,334	0.0	0.0	0.0	0,0,0
8864	0.14	0.28	0.17	308,308,334	0.0	0.0	0.0	0,0,0
8865	0.14	0.28	0.17	308,308,334	0.0	0.0	0.0	0,0,0
8866	0.13	0.29	0.17	307,307,334	0.0	0.0	0.0	0,0,0
8867	0.15	0.33	0.19	307,307,334	0.0	0.0	0.0	0,0,0
8868	0.17	0.37	0.21	307,307,334	0.0	0.0	0.0	0,0,0
8869	0.21	0.44	0.25	319,319,334	0.0	0.0	0.0	0,0,0
8870	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8871	0.19	0.41	0.23	307,307,334	0.0	0.0	0.0	0,0,0
8872	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8873	0.17	0.38	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8874	0.18	0.39	0.22	307,307,334	0.0	0.0	0.0	0,0,0
8875	0.20	0.43	0.25	307,307,334	0.0	0.0	0.0	0,0,0
8876	0.20	0.43	0.25	319,319,334	0.0	0.0	0.0	0,0,0
8877	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
8878	0.20	0.41	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8879	0.18	0.39	0.22	319,319,334	0.0	0.0	0.0	0,0,0
8880	0.18	0.38	0.22	319,319,334	0.0	0.0	0.0	0,0,0
8881	0.21	0.44	0.25	319,319,334	0.0	0.0	0.0	0,0,0
8882	0.15	0.31	0.18	319,319,334	0.0	0.0	0.0	0,0,0
8883	0.19	0.41	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8884	0.17	0.37	0.21	319,319,334	0.0	0.0	0.0	0,0,0
8885	0.21	0.44	0.25	319,319,334	0.0	0.0	0.0	0,0,0
8886	0.20	0.43	0.25	307,307,334	0.0	0.0	0.0	0,0,0
8887	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
8888	0.21	0.44	0.25	319,319,334	0.0	0.0	0.0	0,0,0
8889	0.20	0.43	0.25	307,307,334	0.0	0.0	0.0	0,0,0
8890	0.16	0.33	0.19	319,319,334	0.0	0.0	0.0	0,0,0
8891	0.24	0.51	0.29	316,316,334	0.0	0.0	0.0	0,0,0
8892	0.12	0.25	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8893	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8894	0.09	0.19	0.11	308,308,334	0.0	0.0	0.0	0,0,0
8895	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
8896	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8897	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
8898	0.09	0.19	0.11	308,308,334	0.0	0.0	0.0	0,0,0
8903	0.08	0.22	0.10	302,302,333	0.0	0.0	0.0	0,0,0
8904	0.09	0.22	0.12	302,308,333	0.0	0.0	0.0	0,0,0
8905	0.09	0.23	0.12	302,302,333	0.0	0.0	0.0	0,0,0
8912	0.08	0.20	0.10	302,302,333	0.0	0.0	0.0	0,0,0
8913	0.12	0.25	0.15	316,316,333	0.0	0.0	0.0	0,0,0
8914	0.47	0.78	0.59	316,316,333	0.31	0.33	0.32	316,323,333
8927	0.19	0.40	0.22	310,310,334	0.0	0.0	0.0	0,0,0
8928	0.20	0.42	0.24	310,310,334	0.0	0.0	0.0	0,0,0
8929	0.21	0.43	0.25	309,310,334	0.0	0.0	0.0	0,0,0
8930	0.19	0.40	0.23	309,310,334	0.0	0.0	0.0	0,0,0
8931	0.15	0.33	0.19	307,307,334	0.0	0.0	0.0	0,0,0
8932	0.13	0.29	0.17	307,307,334	0.0	0.0	0.0	0,0,0
8933	0.14	0.34	0.18	316,315,333	0.0	0.0	0.0	0,0,0
8934	0.16	0.37	0.20	302,315,333	0.0	0.0	0.0	0,0,0
8935	0.16	0.37	0.20	302,315,333	0.0	0.0	0.0	0,0,0
8936	0.16	0.37	0.20	302,301,333	0.0	0.0	0.0	0,0,0
8937	0.36	0.47	0.45	301,307,333	0.15	0.17	0.16	307,330,334
8938	0.10	0.27	0.12	316,315,334	0.0	0.0	0.0	0,0,0
8939	0.09	0.20	0.11	307,307,334	0.0	0.0	0.0	0,0,0
8940	0.06	0.14	0.08	307,307,334	0.0	0.0	0.0	0,0,0
8941	0.04	0.09	0.05	315,315,334	0.0	0.0	0.0	0,0,0
8942	0.28	0.59	0.34	308,308,334	0.25	0.23	0.22	308,331,334
8943	0.17	0.36	0.20	316,316,334	0.0	0.0	0.0	0,0,0
8944	0.11	0.24	0.14	316,316,334	0.0	0.0	0.0	0,0,0
8945	0.14	0.31	0.17	307,307,334	0.0	0.0	0.0	0,0,0
8946	0.23	0.50	0.28	316,316,334	0.0	0.0	0.0	0,0,0
8947	0.22	0.48	0.27	315,315,334	0.0	0.0	0.0	0,0,0
8989	0.22	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
8990	0.20	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8991	0.22	0.47	0.27	319,319,334	0.0	0.0	0.0	0,0,0
8992	0.22	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
8993	0.23	0.48	0.28	319,320,334	0.0	0.0	0.0	0,0,0
8994	0.23	0.47	0.27	319,319,334	0.0	0.0	0.0	0,0,0
8995	0.23	0.48	0.28	309,310,334	0.0	0.0	0.0	0,0,0
8996	0.23	0.48	0.28	309,310,334	0.0	0.0	0.0	0,0,0
8997	0.23	0.48	0.28	309,310,334	0.0	0.0	0.0	0,0,0
8998	0.23	0.48	0.28	309,310,334	0.0	0.0	0.0	0,0,0
8999	0.23	0.48	0.28	309,310,334	0.0	0.0	0.0	0,0,0
9000	0.23	0.48	0.28	309,310,334	0.0	0.0	0.0	0,0,0
9001	0.20	0.43	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9002	0.21	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9003	0.22	0.46	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9004	0.22	0.46	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9005	0.20	0.41	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9006	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9007	0.22	0.46	0.27	319,320,334	0.0	0.0	0.0	0,0,0
9008	0.22	0.47	0.27	319,319,334	0.0	0.0	0.0	0,0,0
9009	0.19	0.40	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9010	0.21	0.44	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9011	0.22	0.46	0.27	319,320,334	0.0	0.0	0.0	0,0,0
9012	0.23	0.48	0.28	319,320,334	0.0	0.0	0.0	0,0,0
9013	0.18	0.38	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9014	0.21	0.43	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9015	0.22	0.46	0.27	319,320,334	0.0	0.0	0.0	0,0,0
9016	0.23	0.48	0.28	309,310,334	0.0	0.0	0.0	0,0,0
9017	0.17	0.36	0.21	320,310,334	0.0	0.0	0.0	0,0,0
9018	0.20	0.42	0.24	320,310,334	0.0	0.0	0.0	0,0,0
9019	0.22	0.46	0.27	310,310,334	0.0	0.0	0.0	0,0,0
9020	0.23	0.48	0.28	309,310,334	0.0	0.0	0.0	0,0,0
9021	0.16	0.32	0.19	310,310,334	0.0	0.0	0.0	0,0,0
9022	0.19	0.39	0.23	310,310,334	0.0	0.0	0.0	0,0,0
9023	0.21	0.44	0.26	310,310,334	0.0	0.0	0.0	0,0,0
9024	0.23	0.47	0.27	310,310,334	0.0	0.0	0.0	0,0,0
9025	0.21	0.43	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9026	0.18	0.38	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9027	0.20	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9028	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9029	0.19	0.41	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9030	0.16	0.34	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9031	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9032	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9033	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9034	0.21	0.43	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9035	0.20	0.43	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9036	0.21	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9037	0.21	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9038	0.21	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9039	0.17	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9040	0.21	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9041	0.21	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9042	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9043	0.11	0.25	0.12	320,320,334	0.0	0.0	0.0	0,0,0
9044	0.14	0.29	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9045	0.15	0.33	0.16	319,320,334	0.0	0.0	0.0	0,0,0
9047	0.14	0.30	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9048	0.22	0.48	0.27	309,309,334	0.0	0.0	0.0	0,0,0
9049	0.12	0.24	0.15	309,309,334	0.0	0.0	0.0	0,0,0
9050	0.08	0.17	0.09	319,320,334	0.0	0.0	0.0	0,0,0
9052	0.23	0.49	0.27	320,320,334	0.0	0.0	0.0	0,0,0
9053	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9054	0.14	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
9055	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9056	0.26	0.56	0.30	320,320,334	0.24	0.0	0.0	320,0,0
9057	0.21	0.44	0.26	310,310,334	0.0	0.0	0.0	0,0,0
9058	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9060	0.36	0.71	0.43	310,310,334	0.28	0.29	0.28	310,328,334
9061	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9062	0.54	0.74	0.64	319,319,334	0.28	0.28	0.27	319,328,334
9063	0.16	0.34	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9064	0.16	0.33	0.18	319,320,334	0.0	0.0	0.0	0,0,0
9065	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9066	0.15	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9067	0.21	0.43	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9068	0.45	0.77	0.53	319,320,334	0.32	0.32	0.30	319,328,334
9069	0.22	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
9070	0.11	0.23	0.12	320,320,334	0.0	0.0	0.0	0,0,0
9071	0.10	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
9072	0.09	0.20	0.09	320,320,334	0.0	0.0	0.0	0,0,0
9073	0.17	0.36	0.19	319,320,334	0.0	0.0	0.0	0,0,0
9074	0.10	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
9075	0.09	0.21	0.10	320,320,334	0.0	0.0	0.0	0,0,0
9076	0.19	0.42	0.22	319,320,334	0.0	0.0	0.0	0,0,0
9077	0.13	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9078	0.14	0.31	0.16	319,320,334	0.0	0.0	0.0	0,0,0
9079	0.14	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9080	0.23	0.50	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9081	0.36	0.74	0.41	319,319,334	0.30	0.28	0.27	319,328,334
9082	0.14	0.29	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9083	0.14	0.29	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9084	0.14	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9085	0.12	0.25	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9086	0.20	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9087	0.24	0.51	0.27	319,319,334	0.0	0.0	0.0	0,0,0
9088	0.12	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
9089	0.23	0.50	0.27	319,319,334	0.0	0.0	0.0	0,0,0
9090	0.39	0.74	0.43	319,319,334	0.29	0.28	0.27	319,328,334
9091	0.13	0.29	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9092	0.12	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9093	0.10	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
9094	0.15	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9095	0.14	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
9096	0.13	0.28	0.14	319,319,334	0.0	0.0	0.0	0,0,0
9097	0.13	0.27	0.14	319,320,334	0.0	0.0	0.0	0,0,0
9098	0.13	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
9099	0.15	0.33	0.17	319,320,334	0.0	0.0	0.0	0,0,0
9100	0.14	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
9101	0.13	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9102	0.13	0.27	0.14	319,320,334	0.0	0.0	0.0	0,0,0
9103	0.12	0.26	0.13	319,320,334	0.0	0.0	0.0	0,0,0
9104	0.16	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9105	0.14	0.30	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9106	0.13	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9107	0.12	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9108	0.11	0.24	0.12	320,320,334	0.0	0.0	0.0	0,0,0
9109	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9110	0.17	0.36	0.19	319,319,334	0.0	0.0	0.0	0,0,0
9111	0.16	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9112	0.19	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9113	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9114	0.17	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9115	0.20	0.42	0.22	319,320,334	0.0	0.0	0.0	0,0,0
9116	0.19	0.39	0.21	319,320,334	0.0	0.0	0.0	0,0,0
9117	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9118	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
9119	0.15	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9120	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9121	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9122	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9123	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9124	0.17	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9125	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9126	0.20	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9127	0.20	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9128	0.20	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9129	0.20	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9130	0.19	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9131	0.21	0.44	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9132	0.22	0.46	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9133	0.22	0.46	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9134	0.22	0.46	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9135	0.21	0.44	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9136	0.11	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9137	0.15	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9138	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9139	0.10	0.21	0.11	319,320,334	0.0	0.0	0.0	0,0,0
9140	0.11	0.23	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9141	0.12	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
9142	0.13	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
9143	0.15	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9144	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9145	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9146	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9147	0.14	0.30	0.17	319,320,334	0.0	0.0	0.0	0,0,0
9148	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
9149	0.17	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9150	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9151	0.14	0.30	0.17	319,320,334	0.0	0.0	0.0	0,0,0
9152	0.13	0.27	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9153	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9154	0.15	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9155	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9156	0.13	0.28	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9157	0.12	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9158	0.15	0.32	0.18	319,320,334	0.0	0.0	0.0	0,0,0
9159	0.16	0.35	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9160	0.17	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9161	0.15	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9162	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9163	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9164	0.16	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9165	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9166	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9167	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9168	0.13	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9169	0.13	0.28	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9170	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9171	0.12	0.26	0.15	309,309,334	0.0	0.0	0.0	0,0,0
9172	0.16	0.35	0.19	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9173	0.12	0.26	0.15	309,309,334	0.0	0.0	0.0	0,0,0
9174	0.18	0.39	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9175	0.15	0.32	0.18	309,309,334	0.0	0.0	0.0	0,0,0
9176	0.25	0.53	0.29	319,319,334	0.22	0.0	0.0	319,0,0
9177	0.18	0.38	0.22	309,309,334	0.0	0.0	0.0	0,0,0
9178	0.13	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9179	0.30	0.65	0.36	320,320,334	0.28	0.25	0.24	320,328,334
9180	0.09	0.19	0.11	319,308,334	0.0	0.0	0.0	0,0,0
9181	0.25	0.53	0.29	319,319,334	0.23	0.0	0.0	319,0,0
9182	0.42	0.75	0.50	319,319,334	0.31	0.31	0.30	319,328,334
9183	0.35	0.75	0.42	319,319,334	0.32	0.31	0.30	319,328,334
9184	0.34	0.72	0.41	319,319,334	0.31	0.30	0.29	319,328,334
9185	0.13	0.27	0.16	308,308,334	0.0	0.0	0.0	0,0,0
9186	0.16	0.35	0.20	307,307,334	0.0	0.0	0.0	0,0,0
9187	0.37	0.72	0.45	320,320,334	0.29	0.31	0.30	320,327,334
9188	0.37	0.73	0.45	319,320,334	0.30	0.31	0.31	319,327,334
9189	0.36	0.72	0.44	319,319,334	0.31	0.30	0.29	319,328,334
9190	0.37	0.76	0.45	320,320,334	0.32	0.33	0.32	320,328,334
9191	0.42	0.79	0.50	320,320,334	0.32	0.34	0.33	320,328,334
9192	0.42	0.79	0.51	320,320,334	0.31	0.34	0.33	320,328,334
9193	0.40	0.73	0.50	308,308,334	0.30	0.31	0.30	320,327,334
9194	0.28	0.60	0.35	319,319,334	0.26	0.24	0.24	319,327,334
9195	0.38	0.77	0.47	307,308,334	0.33	0.35	0.34	307,327,334
9196	0.66	0.77	0.81	308,308,334	0.30	0.31	0.30	308,327,334
9197	0.30	0.61	0.37	308,308,334	0.26	0.25	0.24	308,327,334
9198	0.30	0.63	0.37	320,320,334	0.27	0.25	0.25	320,328,334
9199	0.16	0.33	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9200	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
9201	0.20	0.43	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9202	0.17	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9203	0.06	0.13	0.07	315,316,334	0.0	0.0	0.0	0,0,0
9204	0.11	0.28	0.13	310,310,334	0.0	0.0	0.0	0,0,0
9205	0.66	0.69	0.78	309,309,334	0.27	0.25	0.25	319,328,334
9206	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
9209	0.15	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9210	0.15	0.30	0.18	310,310,334	0.0	0.0	0.0	0,0,0
9211	0.24	0.50	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9212	0.16	0.34	0.17	319,320,334	0.0	0.0	0.0	0,0,0
9213	0.28	0.62	0.34	310,309,334	0.27	0.25	0.24	309,328,334
9214	0.48	0.74	0.54	319,319,334	0.29	0.28	0.27	319,328,334
9215	0.10	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
9216	0.22	0.47	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9217	0.66	0.78	0.75	319,319,334	0.29	0.27	0.26	319,330,334
9218	0.07	0.15	0.08	320,320,334	0.0	0.0	0.0	0,0,0
9219	0.16	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9220	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9221	0.13	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9222	0.11	0.24	0.12	320,320,334	0.0	0.0	0.0	0,0,0
9223	0.09	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
9224	0.20	0.43	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9225	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9226	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9227	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9228	0.21	0.46	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9229	0.22	0.47	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9230	0.22	0.47	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9231	0.22	0.47	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9232	0.21	0.45	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9233	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9234	0.15	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
9235	0.17	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
9236	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9237	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9238	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9239	0.14	0.29	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9240	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9241	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9242	0.13	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9243	0.11	0.23	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9244	0.12	0.26	0.15	309,309,334	0.0	0.0	0.0	0,0,0
9245	0.26	0.56	0.31	319,319,334	0.24	0.0	0.0	319,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9246	0.18	0.39	0.22	309,309,334	0.0	0.0	0.0	0,0,0
9247	0.46	0.79	0.55	319,319,334	0.32	0.34	0.33	319,328,334
9248	0.39	0.79	0.46	319,319,334	0.32	0.34	0.33	319,328,334
9249	0.37	0.79	0.45	320,320,334	0.33	0.35	0.34	320,328,334
9250	0.44	0.79	0.53	320,320,334	0.33	0.35	0.34	320,328,334
9251	0.46	0.79	0.55	319,320,334	0.32	0.34	0.33	320,328,334
9252	0.14	0.30	0.17	310,310,334	0.0	0.0	0.0	0,0,0
9253	0.26	0.54	0.31	320,320,334	0.23	0.0	0.0	320,0,0
9254	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
9255	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
9256	0.17	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9257	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9258	0.16	0.35	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9259	0.17	0.37	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9260	0.11	0.22	0.13	319,319,334	0.0	0.0	0.0	0,0,0
9261	0.67	0.67	0.81	315,308,334	0.25	0.26	0.25	308,327,334
9262	0.23	0.50	0.28	308,308,334	0.0	0.0	0.0	0,0,0
9263	0.11	0.21	0.13	302,302,333	0.0	0.0	0.0	0,0,0
9264	0.08	0.16	0.09	320,320,334	0.0	0.0	0.0	0,0,0
9265	0.15	0.32	0.18	316,316,334	0.0	0.0	0.0	0,0,0
9266	0.26	0.53	0.31	315,315,334	0.21	0.20	0.19	315,330,334
9267	0.40	0.62	0.48	315,315,334	0.23	0.23	0.22	315,327,334
9268	0.63	0.72	0.76	302,316,333	0.28	0.29	0.28	316,323,333
9269	0.06	0.11	0.07	319,319,334	0.0	0.0	0.0	0,0,0
9270	0.20	0.42	0.24	309,309,334	0.0	0.0	0.0	0,0,0
9271	0.22	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
9272	0.18	0.38	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9273	0.11	0.24	0.13	310,310,334	0.0	0.0	0.0	0,0,0
9275	0.18	0.35	0.21	310,310,334	0.0	0.0	0.0	0,0,0
9276	0.21	0.44	0.25	310,310,334	0.0	0.0	0.0	0,0,0
9278	0.14	0.31	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9279	0.29	0.64	0.35	310,310,334	0.27	0.25	0.25	310,328,334
9280	0.28	0.62	0.34	310,310,334	0.27	0.25	0.24	310,328,334
9281	0.26	0.55	0.29	319,320,334	0.23	0.0	0.0	320,0,0
9283	0.28	0.60	0.31	320,320,334	0.26	0.0	0.0	320,0,0
9284	0.45	0.78	0.51	319,319,334	0.31	0.30	0.29	319,328,334
9285	0.09	0.19	0.10	319,320,334	0.0	0.0	0.0	0,0,0
9286	0.22	0.47	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9287	0.54	0.75	0.62	319,319,334	0.29	0.28	0.27	319,328,334
9288	0.06	0.14	0.07	320,320,334	0.0	0.0	0.0	0,0,0
9289	0.16	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9290	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9291	0.13	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9292	0.11	0.24	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9293	0.09	0.18	0.10	320,320,334	0.0	0.0	0.0	0,0,0
9294	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9295	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9296	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9297	0.21	0.45	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9298	0.22	0.47	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9299	0.23	0.48	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9300	0.23	0.48	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9301	0.22	0.48	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9302	0.21	0.45	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9303	0.19	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9304	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9305	0.18	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9306	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9307	0.14	0.30	0.17	319,320,334	0.0	0.0	0.0	0,0,0
9308	0.14	0.28	0.16	319,320,334	0.0	0.0	0.0	0,0,0
9309	0.15	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9310	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9311	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9312	0.20	0.39	0.23	310,310,334	0.0	0.0	0.0	0,0,0
9313	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9314	0.21	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
9315	0.23	0.50	0.28	310,310,334	0.0	0.0	0.0	0,0,0
9316	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
9317	0.14	0.30	0.16	309,309,334	0.0	0.0	0.0	0,0,0
9319	0.35	0.68	0.39	319,320,334	0.26	0.25	0.24	320,328,334
9320	0.07	0.15	0.08	319,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9321	0.18	0.37	0.20	319,320,334	0.0	0.0	0.0	0,0,0
9322	0.36	0.72	0.40	319,320,334	0.29	0.27	0.26	320,328,334
9323	0.06	0.14	0.07	320,320,334	0.0	0.0	0.0	0,0,0
9324	0.16	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9325	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9326	0.13	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9327	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9328	0.10	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
9329	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9330	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9331	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9332	0.22	0.46	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9333	0.22	0.48	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9334	0.23	0.49	0.26	320,320,334	0.0	0.0	0.0	0,0,0
9335	0.23	0.49	0.26	320,320,334	0.0	0.0	0.0	0,0,0
9336	0.23	0.48	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9337	0.21	0.45	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9338	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9339	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9340	0.19	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9341	0.14	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
9342	0.14	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
9343	0.14	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9344	0.16	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9345	0.13	0.28	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9346	0.14	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
9347	0.12	0.26	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9348	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9349	0.12	0.26	0.15	309,310,334	0.0	0.0	0.0	0,0,0
9350	0.12	0.26	0.15	309,309,334	0.0	0.0	0.0	0,0,0
9351	0.10	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
9352	0.11	0.22	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9353	0.15	0.30	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9354	0.12	0.24	0.14	319,319,334	0.0	0.0	0.0	0,0,0
9355	0.13	0.27	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9356	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
9357	0.15	0.32	0.19	310,310,334	0.0	0.0	0.0	0,0,0
9358	0.22	0.47	0.27	310,310,334	0.0	0.0	0.0	0,0,0
9359	0.15	0.31	0.18	310,310,334	0.0	0.0	0.0	0,0,0
9360	0.24	0.51	0.29	320,320,334	0.0	0.0	0.0	0,0,0
9361	0.53	0.79	0.63	319,320,334	0.31	0.33	0.32	320,328,334
9362	0.46	0.79	0.55	320,320,334	0.33	0.35	0.34	320,328,334
9363	0.37	0.79	0.45	320,320,334	0.33	0.35	0.34	320,328,334
9364	0.41	0.79	0.49	319,319,334	0.32	0.34	0.33	319,328,334
9365	0.54	0.79	0.64	319,319,334	0.32	0.34	0.33	319,328,334
9366	0.28	0.60	0.34	319,319,334	0.26	0.24	0.23	319,328,334
9367	0.19	0.41	0.23	309,309,334	0.0	0.0	0.0	0,0,0
9368	0.20	0.42	0.24	309,310,334	0.0	0.0	0.0	0,0,0
9369	0.30	0.64	0.36	319,319,334	0.27	0.25	0.25	319,328,334
9370	0.73	0.79	0.86	319,319,334	0.32	0.32	0.31	319,328,334
9371	0.44	0.79	0.52	319,319,334	0.32	0.34	0.32	319,328,334
9372	0.36	0.75	0.44	320,320,334	0.32	0.32	0.31	310,328,334
9373	0.46	0.79	0.55	320,320,334	0.32	0.33	0.32	310,328,334
9374	0.74	0.79	0.88	319,320,334	0.31	0.31	0.30	320,328,334
9375	0.19	0.40	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9376	0.05	0.11	0.06	302,302,333	0.0	0.0	0.0	0,0,0
9377	0.21	0.44	0.25	316,316,334	0.0	0.0	0.0	0,0,0
9378	0.13	0.28	0.15	310,310,334	0.0	0.0	0.0	0,0,0
9379	0.18	0.33	0.21	308,308,334	0.0	0.0	0.0	0,0,0
9380	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
9381	0.34	0.71	0.39	320,320,334	0.30	0.28	0.27	320,328,334
9382	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
9383	0.18	0.36	0.21	302,308,333	0.0	0.0	0.0	0,0,0
9384	0.14	0.29	0.17	316,316,334	0.0	0.0	0.0	0,0,0
9385	0.67	0.72	0.81	315,302,334	0.31	0.29	0.26	302,326,333
9386	0.80	0.79	0.95	307,307,334	0.30	0.30	0.29	307,330,334
9387	0.21	0.44	0.25	310,310,334	0.0	0.0	0.0	0,0,0
9388	0.38	0.60	0.46	315,315,334	0.21	0.22	0.22	315,327,334
9389	0.19	0.39	0.23	310,310,334	0.0	0.0	0.0	0,0,0
9390	0.26	0.55	0.32	315,315,334	0.22	0.20	0.20	315,327,334
9391	0.13	0.28	0.16	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9392	0.09	0.19	0.12	319,319,334	0.0	0.0	0.0	0,0,0
9393	0.25	0.53	0.29	320,320,334	0.23	0.0	0.0	320,0,0
9394	0.18	0.39	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9395	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9396	0.18	0.39	0.23	307,319,334	0.0	0.0	0.0	0,0,0
9397	0.27	0.58	0.32	320,320,334	0.25	0.23	0.0	320,328,0
9398	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9399	0.09	0.15	0.09	319,319,334	0.0	0.0	0.0	0,0,0
9400	0.09	0.20	0.12	320,320,334	0.0	0.0	0.0	0,0,0
9401	0.65	0.79	0.77	320,320,334	0.32	0.32	0.31	320,328,334
9402	0.15	0.33	0.18	309,309,334	0.0	0.0	0.0	0,0,0
9403	0.39	0.56	0.46	307,307,334	0.20	0.20	0.19	301,330,334
9404	0.20	0.38	0.23	310,310,334	0.0	0.0	0.0	0,0,0
9405	0.46	0.61	0.54	301,307,333	0.22	0.22	0.21	307,330,334
9406	0.19	0.36	0.22	310,310,334	0.0	0.0	0.0	0,0,0
9407	0.18	0.39	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9408	0.17	0.37	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9409	0.16	0.34	0.20	319,320,334	0.0	0.0	0.0	0,0,0
9410	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9411	0.14	0.28	0.17	320,310,334	0.0	0.0	0.0	0,0,0
9412	0.16	0.33	0.19	309,309,334	0.0	0.0	0.0	0,0,0
9413	0.15	0.31	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9414	0.13	0.27	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9415	0.12	0.24	0.14	319,320,334	0.0	0.0	0.0	0,0,0
9416	0.11	0.22	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9417	0.09	0.18	0.10	320,320,334	0.0	0.0	0.0	0,0,0
9418	0.30	0.54	0.37	309,310,334	0.22	0.20	0.20	310,328,334
9419	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
9420	0.10	0.20	0.12	319,319,334	0.0	0.0	0.0	0,0,0
9421	0.09	0.18	0.10	319,320,334	0.0	0.0	0.0	0,0,0
9422	0.08	0.16	0.09	320,320,334	0.0	0.0	0.0	0,0,0
9423	0.14	0.28	0.17	309,310,334	0.0	0.0	0.0	0,0,0
9424	0.51	0.76	0.61	309,309,334	0.29	0.29	0.28	309,328,334
9425	0.08	0.17	0.10	315,319,334	0.0	0.0	0.0	0,0,0
9426	0.08	0.14	0.08	319,320,334	0.0	0.0	0.0	0,0,0
9427	0.09	0.17	0.10	319,320,334	0.0	0.0	0.0	0,0,0
9428	0.23	0.46	0.28	310,310,334	0.0	0.0	0.0	0,0,0
9429	0.14	0.26	0.17	310,310,334	0.0	0.0	0.0	0,0,0
9430	0.10	0.23	0.12	310,310,334	0.0	0.0	0.0	0,0,0
9431	0.37	0.72	0.43	310,310,334	0.29	0.30	0.29	310,328,334
9432	0.14	0.30	0.17	309,309,334	0.0	0.0	0.0	0,0,0
9433	0.08	0.16	0.09	320,320,334	0.0	0.0	0.0	0,0,0
9434	0.13	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9435	0.07	0.15	0.08	320,320,334	0.0	0.0	0.0	0,0,0
9436	0.21	0.42	0.25	310,310,334	0.0	0.0	0.0	0,0,0
9437	0.26	0.51	0.31	310,310,334	0.22	0.0	0.0	310,0,0
9438	0.09	0.16	0.10	319,320,334	0.0	0.0	0.0	0,0,0
9439	0.12	0.21	0.14	310,310,334	0.0	0.0	0.0	0,0,0
9440	0.24	0.50	0.28	316,316,334	0.0	0.0	0.0	0,0,0
9441	0.19	0.41	0.23	309,309,334	0.0	0.0	0.0	0,0,0
9442	0.09	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
9443	0.24	0.49	0.29	310,310,334	0.0	0.0	0.0	0,0,0
9444	0.24	0.48	0.29	310,310,334	0.0	0.0	0.0	0,0,0
9445	0.70	0.73	0.84	309,309,334	0.29	0.28	0.27	309,328,334
9446	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
9447	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
9448	0.22	0.45	0.26	309,310,334	0.0	0.0	0.0	0,0,0
9449	0.16	0.34	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9450	0.28	0.47	0.34	309,310,334	0.20	0.0	0.0	310,0,0
9451	0.08	0.15	0.09	320,320,334	0.0	0.0	0.0	0,0,0
9452	0.24	0.49	0.29	310,310,334	0.0	0.0	0.0	0,0,0
9453	0.23	0.45	0.27	310,310,334	0.0	0.0	0.0	0,0,0
9454	0.25	0.50	0.30	310,310,334	0.21	0.0	0.0	310,0,0
9455	0.26	0.51	0.31	310,310,334	0.22	0.0	0.0	310,0,0
9456	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9457	0.14	0.31	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9459	0.14	0.30	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9460	0.18	0.38	0.21	316,316,334	0.0	0.0	0.0	0,0,0
9461	0.11	0.22	0.14	310,310,334	0.0	0.0	0.0	0,0,0
9462	0.26	0.46	0.32	309,310,334	0.0	0.0	0.0	0,0,0
9463	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9464	0.12	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9465	0.17	0.37	0.20	319,320,334	0.0	0.0	0.0	0,0,0
9466	0.23	0.48	0.27	310,310,334	0.0	0.0	0.0	0,0,0
9467	0.22	0.47	0.27	310,310,334	0.0	0.0	0.0	0,0,0
9468	0.21	0.44	0.25	310,310,334	0.0	0.0	0.0	0,0,0
9469	0.25	0.51	0.30	310,310,334	0.22	0.0	0.0	310,0,0
9470	0.09	0.17	0.11	310,310,334	0.0	0.0	0.0	0,0,0
9471	0.19	0.41	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9472	0.08	0.14	0.09	319,319,334	0.0	0.0	0.0	0,0,0
9473	0.36	0.54	0.41	307,307,334	0.18	0.18	0.17	307,330,334
9474	0.21	0.43	0.25	310,310,334	0.0	0.0	0.0	0,0,0
9475	0.23	0.47	0.28	310,310,334	0.0	0.0	0.0	0,0,0
9476	0.03	0.06	0.03	320,320,334	0.0	0.0	0.0	0,0,0
9477	0.23	0.50	0.28	310,309,334	0.0	0.0	0.0	0,0,0
9478	0.19	0.44	0.23	310,310,334	0.0	0.0	0.0	0,0,0
9479	0.26	0.56	0.31	310,310,334	0.24	0.0	0.0	310,0,0
9480	0.29	0.62	0.35	310,310,334	0.26	0.24	0.24	310,328,334
9481	0.25	0.53	0.29	310,310,334	0.22	0.0	0.0	310,0,0
9482	0.28	0.61	0.34	310,310,334	0.26	0.24	0.23	310,328,334
9483	0.20	0.41	0.24	310,310,334	0.0	0.0	0.0	0,0,0
9484	0.09	0.17	0.10	319,320,334	0.0	0.0	0.0	0,0,0
9485	0.21	0.44	0.25	310,310,334	0.0	0.0	0.0	0,0,0
9486	0.18	0.38	0.22	309,310,334	0.0	0.0	0.0	0,0,0
9487	0.28	0.62	0.34	310,310,334	0.27	0.25	0.24	310,328,334
9488	0.23	0.51	0.28	310,310,334	0.0	0.0	0.0	0,0,0
9489	0.29	0.63	0.33	320,320,334	0.27	0.23	0.22	320,328,334
9490	0.23	0.49	0.28	310,310,334	0.0	0.0	0.0	0,0,0
9491	0.37	0.71	0.44	315,315,334	0.27	0.29	0.28	315,330,334
9492	0.29	0.64	0.35	310,310,334	0.27	0.25	0.25	310,328,334
9493	0.26	0.57	0.32	310,310,334	0.24	0.22	0.0	310,328,0
9494	0.22	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
9495	0.20	0.40	0.24	310,310,334	0.0	0.0	0.0	0,0,0
9496	0.28	0.60	0.31	319,320,334	0.26	0.0	0.0	320,0,0
9497	0.22	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
9498	0.13	0.25	0.16	309,310,334	0.0	0.0	0.0	0,0,0
9499	0.14	0.31	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9500	0.23	0.48	0.27	310,310,334	0.0	0.0	0.0	0,0,0
9501	0.18	0.40	0.22	315,315,334	0.0	0.0	0.0	0,0,0
9502	0.79	0.75	0.93	307,307,334	0.29	0.30	0.29	307,330,334
9503	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9504	0.19	0.40	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9505	0.21	0.44	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9506	0.22	0.46	0.27	309,309,334	0.0	0.0	0.0	0,0,0
9507	0.23	0.47	0.27	309,310,334	0.0	0.0	0.0	0,0,0
9508	0.23	0.47	0.27	309,310,334	0.0	0.0	0.0	0,0,0
9509	0.15	0.30	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9510	0.18	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9511	0.20	0.41	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9512	0.21	0.44	0.25	309,309,334	0.0	0.0	0.0	0,0,0
9513	0.22	0.45	0.26	309,310,334	0.0	0.0	0.0	0,0,0
9514	0.22	0.45	0.26	309,310,334	0.0	0.0	0.0	0,0,0
9515	0.15	0.32	0.19	310,310,334	0.0	0.0	0.0	0,0,0
9516	0.15	0.32	0.18	310,310,334	0.0	0.0	0.0	0,0,0
9517	0.17	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9518	0.19	0.39	0.23	309,309,334	0.0	0.0	0.0	0,0,0
9519	0.20	0.42	0.24	309,309,334	0.0	0.0	0.0	0,0,0
9520	0.21	0.43	0.25	309,310,334	0.0	0.0	0.0	0,0,0
9521	0.22	0.47	0.27	310,310,334	0.0	0.0	0.0	0,0,0
9522	0.21	0.46	0.26	310,310,334	0.0	0.0	0.0	0,0,0
9523	0.17	0.36	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9524	0.15	0.31	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9525	0.17	0.35	0.20	309,309,334	0.0	0.0	0.0	0,0,0
9526	0.18	0.38	0.22	309,309,334	0.0	0.0	0.0	0,0,0
9527	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9528	0.14	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9529	0.21	0.43	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9530	0.32	0.69	0.38	320,320,334	0.30	0.27	0.26	320,328,334
9531	0.48	0.79	0.56	320,320,334	0.32	0.34	0.32	320,328,334
9532	0.75	0.79	0.87	310,320,334	0.32	0.32	0.31	320,328,334
9533	0.16	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9534	0.13	0.26	0.15	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9535	0.18	0.39	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9536	0.28	0.60	0.33	320,320,334	0.26	0.23	0.23	320,328,334
9537	0.41	0.79	0.49	320,320,334	0.32	0.34	0.33	320,328,334
9538	0.48	0.79	0.57	310,320,334	0.32	0.33	0.32	320,328,334
9539	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
9540	0.14	0.29	0.17	319,319,334	0.0	0.0	0.0	0,0,0
9541	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9542	0.23	0.49	0.27	320,320,334	0.0	0.0	0.0	0,0,0
9543	0.32	0.67	0.38	320,320,334	0.29	0.27	0.26	320,328,334
9544	0.36	0.76	0.43	310,310,334	0.33	0.33	0.32	310,328,334
9545	0.21	0.44	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9546	0.18	0.38	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9547	0.20	0.43	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9548	0.31	0.65	0.36	320,320,334	0.28	0.25	0.25	320,328,334
9549	0.43	0.79	0.51	320,320,334	0.32	0.33	0.32	320,328,334
9550	0.47	0.79	0.56	320,320,334	0.32	0.33	0.32	320,328,334
9551	0.19	0.40	0.22	319,320,334	0.0	0.0	0.0	0,0,0
9552	0.16	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9553	0.21	0.44	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9554	0.33	0.70	0.39	320,320,334	0.30	0.28	0.27	320,328,334
9555	0.48	0.79	0.57	320,320,334	0.32	0.33	0.32	310,328,334
9556	0.75	0.79	0.88	320,320,334	0.31	0.32	0.31	320,328,334
9557	0.20	0.43	0.24	309,310,334	0.0	0.0	0.0	0,0,0
9558	0.31	0.66	0.37	319,310,334	0.28	0.27	0.26	310,328,334
9559	0.19	0.41	0.23	310,310,334	0.0	0.0	0.0	0,0,0
9560	0.30	0.63	0.36	320,320,334	0.27	0.25	0.24	320,328,334
9561	0.17	0.35	0.20	310,310,334	0.0	0.0	0.0	0,0,0
9562	0.23	0.49	0.28	320,320,334	0.0	0.0	0.0	0,0,0
9563	0.19	0.39	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9564	0.17	0.37	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9565	0.21	0.46	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9566	0.20	0.43	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9567	0.23	0.50	0.28	320,320,334	0.0	0.0	0.0	0,0,0
9568	0.22	0.47	0.26	320,320,334	0.0	0.0	0.0	0,0,0
9569	0.24	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0
9570	0.22	0.47	0.26	319,320,334	0.0	0.0	0.0	0,0,0
9571	0.20	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9572	0.17	0.35	0.19	319,319,334	0.0	0.0	0.0	0,0,0
9573	0.13	0.27	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9574	0.12	0.26	0.15	309,310,334	0.0	0.0	0.0	0,0,0
9575	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
9576	0.14	0.31	0.17	319,320,334	0.0	0.0	0.0	0,0,0
9577	0.18	0.38	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9578	0.20	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9579	0.22	0.48	0.26	319,320,334	0.0	0.0	0.0	0,0,0
9580	0.24	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0
9581	0.24	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0
9582	0.22	0.48	0.26	319,320,334	0.0	0.0	0.0	0,0,0
9583	0.21	0.44	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9584	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9585	0.16	0.33	0.18	319,320,334	0.0	0.0	0.0	0,0,0
9586	0.13	0.28	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9587	0.23	0.49	0.27	320,320,334	0.0	0.0	0.0	0,0,0
9588	0.22	0.47	0.26	319,320,334	0.0	0.0	0.0	0,0,0
9589	0.21	0.45	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9590	0.19	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9591	0.17	0.37	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9592	0.15	0.32	0.17	319,320,334	0.0	0.0	0.0	0,0,0
9593	0.23	0.50	0.28	320,320,334	0.0	0.0	0.0	0,0,0
9594	0.22	0.48	0.26	319,320,334	0.0	0.0	0.0	0,0,0
9595	0.21	0.45	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9596	0.19	0.40	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9597	0.17	0.35	0.19	319,320,334	0.0	0.0	0.0	0,0,0
9598	0.14	0.30	0.17	319,320,334	0.0	0.0	0.0	0,0,0
9599	0.19	0.41	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9600	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9601	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9602	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9603	0.19	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9604	0.18	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9605	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9606	0.20	0.44	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9607	0.20	0.44	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9608	0.20	0.42	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9609	0.19	0.40	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9610	0.17	0.36	0.19	319,319,334	0.0	0.0	0.0	0,0,0
9611	0.21	0.45	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9612	0.21	0.45	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9613	0.21	0.44	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9614	0.20	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9615	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9616	0.16	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9617	0.22	0.47	0.26	320,320,334	0.0	0.0	0.0	0,0,0
9618	0.22	0.47	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9619	0.21	0.45	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9620	0.19	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9621	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
9622	0.16	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9623	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9624	0.20	0.42	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9625	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9626	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9627	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9628	0.19	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9629	0.18	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9630	0.19	0.41	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9631	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9632	0.21	0.44	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9633	0.21	0.44	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9634	0.20	0.43	0.23	319,320,334	0.0	0.0	0.0	0,0,0
9635	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9636	0.19	0.41	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9637	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9638	0.21	0.45	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9639	0.21	0.45	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9640	0.21	0.45	0.24	319,320,334	0.0	0.0	0.0	0,0,0
9641	0.71	0.78	0.82	319,319,334	0.29	0.27	0.26	319,328,334
9642	0.31	0.65	0.36	319,319,334	0.28	0.25	0.24	319,328,334
9643	0.14	0.30	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9644	0.18	0.38	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9645	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9646	0.21	0.45	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9647	0.30	0.63	0.35	319,319,334	0.27	0.24	0.24	319,328,334
9648	0.25	0.54	0.30	319,319,334	0.23	0.0	0.0	319,0,0
9649	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9650	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9651	0.22	0.47	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9652	0.23	0.48	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9653	0.11	0.23	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9654	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9655	0.19	0.40	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9656	0.21	0.45	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9657	0.22	0.48	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9658	0.23	0.49	0.26	320,320,334	0.0	0.0	0.0	0,0,0
9659	0.14	0.30	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9660	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9661	0.20	0.42	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9662	0.21	0.46	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9663	0.22	0.48	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9664	0.23	0.49	0.26	320,320,334	0.0	0.0	0.0	0,0,0
9665	0.16	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9666	0.18	0.39	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9667	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9668	0.21	0.46	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9669	0.22	0.48	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9670	0.22	0.48	0.25	319,320,334	0.0	0.0	0.0	0,0,0
9671	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9672	0.19	0.40	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9673	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9674	0.21	0.46	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9675	0.22	0.47	0.25	320,320,334	0.0	0.0	0.0	0,0,0
9676	0.22	0.47	0.25	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9677	0.13	0.27	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9678	0.11	0.23	0.12	320,320,334	0.0	0.0	0.0	0,0,0
9679	0.12	0.25	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9680	0.14	0.30	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9681	0.16	0.34	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9682	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9683	0.24	0.50	0.28	319,319,334	0.0	0.0	0.0	0,0,0
9684	0.16	0.36	0.19	319,320,334	0.0	0.0	0.0	0,0,0
9685	0.12	0.25	0.13	320,320,334	0.0	0.0	0.0	0,0,0
9686	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9687	0.17	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9688	0.18	0.39	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9689	0.55	0.79	0.62	319,319,334	0.31	0.29	0.28	319,328,334
9690	0.27	0.58	0.31	319,319,334	0.25	0.0	0.0	319,0,0
9691	0.13	0.28	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9692	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
9693	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9694	0.20	0.42	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9695	0.05	0.10	0.06	320,309,334	0.0	0.0	0.0	0,0,0
9696	0.08	0.18	0.09	320,320,334	0.0	0.0	0.0	0,0,0
9697	0.19	0.40	0.23	310,310,334	0.0	0.0	0.0	0,0,0
9698	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9699	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9700	0.12	0.27	0.15	319,320,334	0.0	0.0	0.0	0,0,0
9701	0.13	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
9702	0.06	0.13	0.07	320,320,334	0.0	0.0	0.0	0,0,0
9703	0.09	0.18	0.10	319,320,334	0.0	0.0	0.0	0,0,0
9704	0.11	0.22	0.13	319,319,334	0.0	0.0	0.0	0,0,0
9705	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9706	0.06	0.13	0.07	315,315,334	0.0	0.0	0.0	0,0,0
9707	0.10	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
9708	0.18	0.38	0.21	315,315,334	0.0	0.0	0.0	0,0,0
9709	0.37	0.75	0.46	307,308,334	0.30	0.33	0.33	308,327,334
9710	0.24	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0
9711	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9712	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
9713	0.39	0.62	0.48	315,301,334	0.25	0.24	0.24	301,327,334
9714	0.08	0.17	0.09	320,320,334	0.0	0.0	0.0	0,0,0
9715	0.12	0.26	0.15	319,319,334	0.0	0.0	0.0	0,0,0
9716	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9717	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9718	0.18	0.38	0.22	319,319,334	0.0	0.0	0.0	0,0,0
9719	0.66	0.70	0.80	319,319,334	0.26	0.26	0.26	316,327,334
9720	0.14	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9721	0.24	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0
9722	0.05	0.10	0.06	301,302,333	0.0	0.0	0.0	0,0,0
9723	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9724	0.16	0.34	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9725	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9726	0.07	0.16	0.09	316,316,334	0.0	0.0	0.0	0,0,0
9727	0.08	0.17	0.10	316,316,334	0.0	0.0	0.0	0,0,0
9728	0.18	0.39	0.22	320,320,334	0.0	0.0	0.0	0,0,0
9729	0.15	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
9730	0.13	0.28	0.16	319,319,334	0.0	0.0	0.0	0,0,0
9731	0.06	0.14	0.07	319,320,334	0.0	0.0	0.0	0,0,0
9732	0.11	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
9733	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
9734	0.24	0.51	0.29	320,320,334	0.0	0.0	0.0	0,0,0
9735	0.17	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
9736	0.11	0.24	0.13	316,316,334	0.0	0.0	0.0	0,0,0
9737	0.08	0.17	0.09	320,320,334	0.0	0.0	0.0	0,0,0
9738	0.12	0.25	0.14	319,320,334	0.0	0.0	0.0	0,0,0
9739	0.21	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
9740	0.11	0.24	0.13	319,320,334	0.0	0.0	0.0	0,0,0
9741	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
9742	0.09	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
9743	0.55	0.79	0.65	320,320,334	0.33	0.33	0.33	320,328,334
9744	0.30	0.65	0.36	320,320,334	0.28	0.25	0.25	320,328,334
9745	0.17	0.37	0.21	320,320,334	0.0	0.0	0.0	0,0,0
9746	0.19	0.40	0.23	308,316,334	0.0	0.0	0.0	0,0,0
9747	0.21	0.45	0.25	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9748	0.21	0.43	0.24	320,320,334	0.0	0.0	0.0	0,0,0
9752	0.16	0.36	0.20	315,316,334	0.0	0.0	0.0	0,0,0
9755	0.42	0.77	0.51	315,315,334	0.30	0.33	0.32	315,327,334
9756	0.16	0.34	0.20	315,315,334	0.0	0.0	0.0	0,0,0
9757	0.15	0.33	0.18	315,316,333	0.0	0.0	0.0	0,0,0
9766	0.52	0.78	0.65	315,315,333	0.31	0.34	0.34	315,323,333
9767	0.78	0.66	0.97	316,302,333	0.24	0.24	0.24	302,326,333
9768	0.22	0.46	0.27	315,315,333	0.0	0.0	0.0	0,0,0
9771	0.22	0.48	0.27	301,301,333	0.0	0.0	0.0	0,0,0
9774	0.09	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
9775	0.34	0.70	0.43	316,316,333	0.29	0.30	0.30	316,323,333
9777	0.22	0.48	0.27	301,301,333	0.0	0.0	0.0	0,0,0
9778	0.24	0.53	0.30	302,302,333	0.23	0.0	0.0	302,0,0
9782	0.05	0.10	0.05	320,320,334	0.0	0.0	0.0	0,0,0
9784	0.67	0.74	0.82	301,315,333	0.28	0.27	0.26	315,330,334
9890	0.26	0.50	0.32	316,316,333	0.19	0.0	0.0	316,0,0
9891	0.17	0.32	0.21	316,316,333	0.0	0.0	0.0	0,0,0
9892	0.15	0.28	0.19	316,316,333	0.0	0.0	0.0	0,0,0
9893	0.14	0.26	0.17	316,316,333	0.0	0.0	0.0	0,0,0
9895	0.29	0.53	0.36	316,316,333	0.20	0.19	0.18	316,323,333
9896	0.33	0.61	0.41	316,316,333	0.24	0.24	0.23	316,323,333
9897	0.41	0.67	0.50	316,316,333	0.25	0.27	0.26	316,323,333
9898	0.35	0.59	0.43	316,316,333	0.21	0.23	0.22	316,323,333
9899	0.08	0.16	0.10	316,316,334	0.0	0.0	0.0	0,0,0
9900	0.07	0.13	0.09	307,308,334	0.0	0.0	0.0	0,0,0
9901	0.07	0.13	0.09	307,307,334	0.0	0.0	0.0	0,0,0
9902	0.12	0.22	0.15	307,307,334	0.0	0.0	0.0	0,0,0
9903	0.12	0.21	0.15	307,307,334	0.0	0.0	0.0	0,0,0
9904	0.14	0.26	0.18	307,307,334	0.0	0.0	0.0	0,0,0
9905	0.15	0.28	0.19	307,307,334	0.0	0.0	0.0	0,0,0
9913	0.16	0.32	0.21	307,308,334	0.0	0.0	0.0	0,0,0
9914	0.17	0.31	0.21	307,307,334	0.0	0.0	0.0	0,0,0
9915	0.17	0.32	0.21	307,307,334	0.0	0.0	0.0	0,0,0
9916	0.17	0.32	0.21	307,307,334	0.0	0.0	0.0	0,0,0
12675	0.23	0.48	0.29	315,316,333	0.0	0.0	0.0	0,0,0
12676	0.11	0.24	0.13	320,320,334	0.0	0.0	0.0	0,0,0
12677	0.16	0.35	0.20	315,316,333	0.0	0.0	0.0	0,0,0
12678	0.16	0.35	0.20	315,316,334	0.0	0.0	0.0	0,0,0
12680	0.14	0.31	0.17	315,316,333	0.0	0.0	0.0	0,0,0
12681	0.16	0.35	0.20	315,316,334	0.0	0.0	0.0	0,0,0
12682	0.27	0.57	0.34	316,316,333	0.24	0.23	0.23	316,326,333
12683	0.16	0.35	0.19	315,316,333	0.0	0.0	0.0	0,0,0
12684	0.16	0.35	0.19	315,316,333	0.0	0.0	0.0	0,0,0
12685	0.30	0.59	0.38	320,320,334	0.23	0.23	0.23	316,327,334
12686	0.21	0.45	0.27	315,316,333	0.0	0.0	0.0	0,0,0
12687	0.22	0.49	0.27	302,302,333	0.0	0.0	0.0	0,0,0
12688	0.26	0.55	0.32	316,316,334	0.23	0.22	0.0	316,327,0
12689	0.39	0.67	0.50	316,316,333	0.25	0.28	0.27	316,323,333
12690	0.38	0.69	0.47	315,315,334	0.26	0.29	0.28	316,327,334
12691	0.33	0.71	0.42	316,316,333	0.30	0.31	0.31	316,323,333
12692	0.65	0.78	0.81	316,302,333	0.31	0.33	0.32	302,323,333
12693	0.54	0.77	0.67	316,302,333	0.30	0.33	0.32	302,323,333
12694	0.45	0.71	0.56	301,301,333	0.27	0.28	0.28	301,323,333
12695	0.05	0.11	0.06	320,320,334	0.0	0.0	0.0	0,0,0
12696	0.13	0.28	0.15	315,316,333	0.0	0.0	0.0	0,0,0
12697	0.15	0.32	0.19	315,316,333	0.0	0.0	0.0	0,0,0
12698	0.14	0.31	0.17	315,316,333	0.0	0.0	0.0	0,0,0
12699	0.10	0.22	0.12	315,316,333	0.0	0.0	0.0	0,0,0
12700	0.36	0.65	0.45	315,315,334	0.25	0.27	0.26	315,327,334
12702	0.13	0.28	0.16	315,316,333	0.0	0.0	0.0	0,0,0
12703	0.11	0.24	0.15	316,316,333	0.0	0.0	0.0	0,0,0
12704	0.17	0.37	0.22	315,316,333	0.0	0.0	0.0	0,0,0
12705	0.17	0.37	0.22	316,316,333	0.0	0.0	0.0	0,0,0
12706	0.21	0.47	0.27	315,315,334	0.0	0.0	0.0	0,0,0
12707	0.15	0.34	0.19	315,316,333	0.0	0.0	0.0	0,0,0
12708	0.23	0.50	0.30	315,316,333	0.0	0.0	0.0	0,0,0
12709	0.29	0.60	0.36	316,316,333	0.25	0.24	0.24	316,323,333
12710	0.15	0.34	0.19	315,316,334	0.0	0.0	0.0	0,0,0
12711	0.14	0.31	0.18	315,316,334	0.0	0.0	0.0	0,0,0
12712	0.12	0.27	0.15	316,316,334	0.0	0.0	0.0	0,0,0
12713	0.10	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12714	0.16	0.35	0.20	315,316,334	0.0	0.0	0.0	0,0,0
12715	0.15	0.33	0.18	315,316,334	0.0	0.0	0.0	0,0,0
12716	0.12	0.27	0.15	316,316,334	0.0	0.0	0.0	0,0,0
12717	0.10	0.22	0.12	316,316,334	0.0	0.0	0.0	0,0,0
12718	0.16	0.36	0.20	315,316,334	0.0	0.0	0.0	0,0,0
12719	0.15	0.34	0.19	315,316,334	0.0	0.0	0.0	0,0,0
12720	0.12	0.27	0.15	315,316,334	0.0	0.0	0.0	0,0,0
12721	0.10	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
12722	0.23	0.50	0.28	320,320,334	0.0	0.0	0.0	0,0,0
12723	0.16	0.35	0.19	315,316,334	0.0	0.0	0.0	0,0,0
12724	0.13	0.29	0.16	315,316,333	0.0	0.0	0.0	0,0,0
12725	0.10	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
12726	0.29	0.63	0.37	315,315,333	0.27	0.26	0.25	315,323,333
12727	0.24	0.53	0.30	302,302,333	0.23	0.0	0.0	302,0,0
12728	0.40	0.76	0.51	316,315,333	0.30	0.34	0.33	316,323,333
12729	0.32	0.68	0.40	315,315,334	0.28	0.29	0.28	315,327,334
12730	0.10	0.19	0.12	301,308,333	0.0	0.0	0.0	0,0,0
12731	0.14	0.30	0.18	301,302,333	0.0	0.0	0.0	0,0,0
12732	0.23	0.50	0.30	301,301,333	0.0	0.0	0.0	0,0,0
12733	0.20	0.46	0.26	301,301,333	0.0	0.0	0.0	0,0,0
12734	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12735	0.12	0.24	0.15	301,302,333	0.0	0.0	0.0	0,0,0
12736	0.13	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12737	0.14	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
12738	0.09	0.20	0.11	301,301,333	0.0	0.0	0.0	0,0,0
12739	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12740	0.13	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12741	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
12742	0.15	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
12743	0.09	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12744	0.11	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12745	0.12	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12746	0.14	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
12747	0.15	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
12748	0.09	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12749	0.10	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12750	0.11	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12751	0.13	0.30	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12752	0.11	0.25	0.14	316,316,334	0.0	0.0	0.0	0,0,0
12753	0.12	0.25	0.15	316,316,333	0.0	0.0	0.0	0,0,0
12754	0.11	0.23	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12755	0.09	0.20	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12756	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12757	0.12	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12758	0.08	0.19	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12759	0.17	0.36	0.21	316,316,333	0.0	0.0	0.0	0,0,0
12760	0.15	0.32	0.19	302,302,333	0.0	0.0	0.0	0,0,0
12761	0.13	0.28	0.16	302,302,333	0.0	0.0	0.0	0,0,0
12762	0.10	0.22	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12763	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12764	0.07	0.15	0.08	301,301,333	0.0	0.0	0.0	0,0,0
12765	0.22	0.47	0.28	316,316,333	0.0	0.0	0.0	0,0,0
12766	0.21	0.44	0.26	302,302,333	0.0	0.0	0.0	0,0,0
12767	0.17	0.37	0.21	302,302,333	0.0	0.0	0.0	0,0,0
12768	0.13	0.29	0.16	302,302,333	0.0	0.0	0.0	0,0,0
12769	0.11	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12770	0.08	0.18	0.10	302,302,333	0.0	0.0	0.0	0,0,0
12771	0.28	0.62	0.35	302,302,333	0.27	0.25	0.25	302,323,333
12772	0.33	0.71	0.42	316,316,333	0.30	0.31	0.31	316,323,333
12773	0.29	0.62	0.36	302,302,333	0.26	0.25	0.25	302,323,333
12774	0.22	0.47	0.27	302,302,333	0.0	0.0	0.0	0,0,0
12775	0.17	0.36	0.21	302,302,333	0.0	0.0	0.0	0,0,0
12776	0.14	0.31	0.17	316,316,333	0.0	0.0	0.0	0,0,0
12777	0.10	0.24	0.13	316,316,333	0.0	0.0	0.0	0,0,0
12778	0.22	0.47	0.27	316,315,334	0.0	0.0	0.0	0,0,0
12779	0.41	0.75	0.52	316,302,333	0.30	0.33	0.33	316,323,333
12780	0.38	0.75	0.47	302,302,333	0.31	0.33	0.33	302,323,333
12781	0.30	0.66	0.38	302,302,333	0.28	0.27	0.27	302,323,333
12782	0.21	0.46	0.26	316,316,333	0.0	0.0	0.0	0,0,0
12783	0.17	0.39	0.22	316,316,334	0.0	0.0	0.0	0,0,0
12784	0.14	0.30	0.17	315,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12785	0.46	0.78	0.57	302,302,333	0.31	0.34	0.33	302,323,333
12786	0.36	0.73	0.45	316,316,334	0.30	0.32	0.31	302,323,333
12787	0.25	0.54	0.30	316,316,334	0.23	0.0	0.0	316,0,0
12788	0.20	0.44	0.25	316,316,334	0.0	0.0	0.0	0,0,0
12789	0.15	0.33	0.19	316,316,334	0.0	0.0	0.0	0,0,0
12790	0.12	0.27	0.15	315,315,334	0.0	0.0	0.0	0,0,0
12791	0.13	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12792	0.60	0.77	0.74	316,315,333	0.30	0.32	0.32	315,323,333
12793	0.50	0.77	0.62	316,302,334	0.31	0.33	0.32	302,323,333
12794	0.38	0.73	0.47	316,316,334	0.29	0.32	0.31	316,323,333
12795	0.26	0.58	0.33	316,316,334	0.25	0.23	0.23	316,327,334
12796	0.21	0.47	0.26	316,316,334	0.0	0.0	0.0	0,0,0
12797	0.15	0.34	0.19	316,316,334	0.0	0.0	0.0	0,0,0
12798	0.12	0.28	0.15	316,316,334	0.0	0.0	0.0	0,0,0
12799	0.11	0.25	0.14	315,315,334	0.0	0.0	0.0	0,0,0
12800	0.38	0.73	0.48	316,316,334	0.29	0.32	0.31	316,327,334
12801	0.28	0.61	0.35	316,316,334	0.26	0.25	0.24	316,327,334
12802	0.21	0.45	0.26	316,316,334	0.0	0.0	0.0	0,0,0
12803	0.15	0.33	0.19	316,316,334	0.0	0.0	0.0	0,0,0
12804	0.11	0.25	0.14	316,316,334	0.0	0.0	0.0	0,0,0
12805	0.10	0.24	0.13	315,315,334	0.0	0.0	0.0	0,0,0
12806	0.50	0.78	0.63	316,315,333	0.30	0.34	0.33	315,323,333
12807	0.26	0.57	0.32	302,302,333	0.24	0.23	0.23	302,323,333
12808	0.37	0.74	0.46	316,316,334	0.32	0.33	0.32	316,327,334
12809	0.28	0.60	0.35	316,316,334	0.26	0.25	0.24	316,327,334
12810	0.20	0.44	0.25	316,316,334	0.0	0.0	0.0	0,0,0
12811	0.14	0.32	0.18	316,316,334	0.0	0.0	0.0	0,0,0
12812	0.11	0.24	0.13	316,316,334	0.0	0.0	0.0	0,0,0
12813	0.25	0.55	0.31	301,302,333	0.24	0.0	0.0	302,0,0
12814	0.46	0.77	0.57	316,316,333	0.31	0.35	0.34	316,323,333
12815	0.26	0.55	0.32	316,316,334	0.24	0.23	0.22	316,327,334
12816	0.19	0.41	0.24	316,316,334	0.0	0.0	0.0	0,0,0
12817	0.14	0.30	0.17	315,315,334	0.0	0.0	0.0	0,0,0
12818	0.15	0.32	0.18	315,315,334	0.0	0.0	0.0	0,0,0
12819	0.21	0.46	0.27	316,316,334	0.0	0.0	0.0	0,0,0
12820	0.17	0.38	0.21	315,315,333	0.0	0.0	0.0	0,0,0
12821	0.18	0.39	0.22	315,315,333	0.0	0.0	0.0	0,0,0
12822	0.28	0.60	0.34	302,302,333	0.26	0.25	0.24	302,323,333
12823	0.11	0.22	0.14	307,307,334	0.0	0.0	0.0	0,0,0
12824	0.34	0.73	0.43	316,316,334	0.31	0.32	0.32	316,327,334
12825	0.20	0.43	0.24	315,315,333	0.0	0.0	0.0	0,0,0
12826	0.21	0.46	0.26	301,301,333	0.0	0.0	0.0	0,0,0
12827	0.23	0.51	0.29	315,315,334	0.0	0.0	0.0	0,0,0
12828	0.21	0.47	0.26	315,315,334	0.0	0.0	0.0	0,0,0
12829	0.22	0.48	0.27	301,301,333	0.0	0.0	0.0	0,0,0
12830	0.22	0.49	0.27	301,301,333	0.0	0.0	0.0	0,0,0
12831	0.24	0.52	0.29	301,301,333	0.0	0.0	0.0	0,0,0
12832	0.24	0.53	0.30	301,301,333	0.0	0.0	0.0	0,0,0
12833	0.26	0.57	0.32	301,301,333	0.24	0.23	0.23	301,323,333
12834	0.24	0.52	0.29	301,301,333	0.0	0.0	0.0	0,0,0
12835	0.25	0.55	0.31	301,301,333	0.24	0.0	0.0	301,0,0
12836	0.26	0.57	0.32	301,301,333	0.24	0.23	0.23	301,323,333
12837	0.27	0.59	0.34	301,301,333	0.25	0.24	0.24	301,323,333
12838	0.20	0.45	0.25	301,301,333	0.0	0.0	0.0	0,0,0
12839	0.36	0.75	0.46	316,316,333	0.31	0.34	0.33	316,327,334
12840	0.26	0.58	0.33	302,302,333	0.25	0.23	0.23	302,323,333
12841	0.27	0.59	0.34	302,302,333	0.25	0.24	0.24	302,323,333
12842	0.29	0.63	0.36	302,302,333	0.27	0.26	0.25	302,323,333
12843	0.25	0.55	0.31	302,302,333	0.24	0.0	0.0	302,0,0
12844	0.26	0.58	0.33	302,302,333	0.25	0.23	0.23	302,323,333
12845	0.27	0.59	0.33	302,302,333	0.25	0.24	0.24	302,323,333
12846	0.29	0.64	0.36	302,302,333	0.27	0.26	0.26	302,323,333
12847	0.27	0.59	0.33	302,302,333	0.25	0.24	0.23	302,323,333
12848	0.20	0.40	0.25	301,302,333	0.0	0.0	0.0	0,0,0
12849	0.50	0.77	0.62	316,316,334	0.30	0.32	0.32	316,323,333
12850	0.24	0.53	0.30	301,302,333	0.23	0.0	0.0	302,0,0
12851	0.26	0.58	0.33	302,302,333	0.25	0.23	0.23	302,323,333
12852	0.20	0.45	0.25	302,302,333	0.0	0.0	0.0	0,0,0
12853	0.24	0.53	0.30	302,302,333	0.23	0.0	0.0	302,0,0
12854	0.18	0.39	0.22	301,301,333	0.0	0.0	0.0	0,0,0
12855	0.21	0.46	0.26	315,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12856	0.40	0.74	0.50	301,301,333	0.28	0.32	0.32	301,323,333
12858	0.12	0.27	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12859	0.13	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
12860	0.20	0.44	0.25	315,315,334	0.0	0.0	0.0	0,0,0
12861	0.19	0.42	0.23	302,302,333	0.0	0.0	0.0	0,0,0
12862	0.19	0.42	0.24	302,302,333	0.0	0.0	0.0	0,0,0
12863	0.23	0.50	0.29	315,316,334	0.0	0.0	0.0	0,0,0
12864	0.38	0.77	0.48	316,316,334	0.31	0.35	0.34	316,327,334
12865	0.24	0.51	0.30	316,316,333	0.0	0.0	0.0	0,0,0
12866	0.15	0.33	0.19	315,316,334	0.0	0.0	0.0	0,0,0
12867	0.14	0.30	0.17	315,316,334	0.0	0.0	0.0	0,0,0
12868	0.13	0.27	0.15	315,316,334	0.0	0.0	0.0	0,0,0
12869	0.11	0.24	0.13	315,315,334	0.0	0.0	0.0	0,0,0
12870	0.11	0.22	0.13	307,307,334	0.0	0.0	0.0	0,0,0
12871	0.17	0.33	0.21	301,302,333	0.0	0.0	0.0	0,0,0
12872	0.35	0.67	0.44	301,301,333	0.27	0.29	0.28	301,323,333
12874	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
16582	0.05	0.17	0.07	302,306,333	0.0	0.0	0.0	0,0,0
16583	0.06	0.27	0.07	316,322,334	0.0	0.0	0.0	0,0,0
16584	0.20	0.73	0.22	313,316,334	0.28	0.31	0.29	316,326,333
16597	0.36	0.67	0.45	301,301,333	0.24	0.28	0.27	301,323,333
16598	0.50	0.75	0.62	316,316,333	0.29	0.32	0.31	316,323,333
16606	0.05	0.16	0.07	302,306,333	0.0	0.0	0.0	0,0,0
16607	0.07	0.24	0.09	316,322,334	0.0	0.0	0.0	0,0,0
16777	0.44	0.72	0.53	316,316,333	0.29	0.26	0.25	316,323,333
16778	0.36	0.76	0.44	316,316,334	0.30	0.28	0.27	316,323,333
16779	0.37	0.71	0.45	302,302,333	0.27	0.26	0.25	316,323,333
16780	0.55	0.77	0.66	302,302,333	0.31	0.29	0.28	302,323,333
16781	0.12	0.33	0.14	316,316,333	0.0	0.0	0.0	0,0,0
16782	0.25	0.72	0.30	302,302,333	0.0	0.0	0.0	0,0,0
16783	0.22	0.57	0.27	302,302,333	0.0	0.0	0.0	0,0,0
16784	0.17	0.39	0.21	316,302,333	0.0	0.0	0.0	0,0,0
16785	0.03	0.08	0.04	302,301,333	0.0	0.0	0.0	0,0,0
16786	0.05	0.10	0.06	315,315,333	0.0	0.0	0.0	0,0,0
16787	0.15	0.33	0.17	315,315,333	0.0	0.0	0.0	0,0,0
16788	0.39	0.74	0.47	301,301,333	0.28	0.27	0.26	301,323,333
16789	0.13	0.31	0.16	302,302,333	0.0	0.0	0.0	0,0,0
16790	0.09	0.15	0.11	301,302,333	0.0	0.0	0.0	0,0,0
16791	0.07	0.18	0.09	301,301,333	0.0	0.0	0.0	0,0,0
16792	0.06	0.13	0.07	315,315,333	0.0	0.0	0.0	0,0,0
16793	0.06	0.12	0.07	316,302,333	0.0	0.0	0.0	0,0,0
16794	0.08	0.19	0.09	316,316,334	0.0	0.0	0.0	0,0,0
16795	0.07	0.17	0.08	315,315,334	0.0	0.0	0.0	0,0,0
16796	0.06	0.18	0.07	316,315,334	0.0	0.0	0.0	0,0,0
16797	0.13	0.30	0.15	302,302,333	0.0	0.0	0.0	0,0,0
16798	0.11	0.27	0.13	316,316,333	0.0	0.0	0.0	0,0,0
16799	0.08	0.18	0.10	316,315,333	0.0	0.0	0.0	0,0,0
16800	0.09	0.18	0.10	316,315,333	0.0	0.0	0.0	0,0,0
16801	0.07	0.16	0.09	302,302,333	0.0	0.0	0.0	0,0,0
16802	0.05	0.11	0.06	302,301,333	0.0	0.0	0.0	0,0,0
16803	0.06	0.11	0.07	316,302,333	0.0	0.0	0.0	0,0,0
16804	0.13	0.27	0.16	315,316,333	0.0	0.0	0.0	0,0,0
16805	0.22	0.51	0.26	301,301,333	0.0	0.0	0.0	0,0,0
16806	0.14	0.30	0.17	315,302,333	0.0	0.0	0.0	0,0,0
16807	0.08	0.24	0.10	316,301,334	0.0	0.0	0.0	0,0,0
16808	0.11	0.33	0.12	301,315,333	0.0	0.0	0.0	0,0,0
16809	0.11	0.19	0.13	316,308,333	0.0	0.0	0.0	0,0,0
16810	0.06	0.12	0.07	316,302,333	0.0	0.0	0.0	0,0,0
16811	0.09	0.17	0.11	316,301,333	0.0	0.0	0.0	0,0,0
16812	0.09	0.20	0.12	316,302,333	0.0	0.0	0.0	0,0,0
Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.80	0.80	0.97		0.51	0.35	0.34	

VERIFICA SOLAIO P2

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata.*

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV,** il rapporto x/d, la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento,* riportando in tabella il rapporto x/d, la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattorei di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione "*Singolo Elemento …*" è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento
Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO

Per gli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*" è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Per le verifiche degli elementi con progettazione "*Singolo Elemento …*" e *Progettazione Composta* è presente una tabella

con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e\o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e\o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria
V sec-	Verifica dell'armatura nella direzione secondaria

Per le verifiche degli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*", oltre alla tabella con le verifiche per gli elementi con progettazione "*Singolo Elemento …*", è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]

A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato Ned/(bw fyd)

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armatura in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armatura in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:
"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
4	25.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
4749	ok	0.0	1.0	5.82e-02	11.8	11.8	11.8	13.3	-55.3	-13.5	11.9	32.6	127.7	-0.8
5598	ok	0.0	0.3	7.92e-03	11.8	11.8	11.8	11.8	-20.6	-4.5	-12.6	-22.7	-20.7	-18.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5599	ok	0.0	0.3	9.94e-03	11.8	11.8	11.8	11.8	-26.9	-4.4	-12.2	-22.8	-15.5	-22.3
5602	ok	0.0	0.5	4.59e-03	11.8	11.8	11.8	11.8	6.2	0.2	1.3	-58.1	-5.1	-13.5
5603	ok	0.0	0.4	8.17e-03	11.8	11.8	11.8	11.8	-20.5	-4.8	-12.2	-38.3	-22.0	-19.8
5604	ok	0.0	0.4	4.78e-03	11.8	11.8	11.8	11.8	-26.4	6.9	2.9	-40.4	-48.7	5.5
5605	ok	0.0	0.4	9.54e-03	11.8	11.8	11.8	11.8	-24.8	-3.0	-10.2	-37.0	-15.4	-22.6
5606	ok	0.0	0.3	1.17e-02	11.8	11.8	11.8	11.8	-40.4	-4.8	-11.3	38.5	-0.4	-9.1
5607	ok	0.0	0.2	1.90e-04	11.8	11.8	11.8	11.8	0.7	0.4	0.1	0.2	18.1	11.0
5615	ok	0.0	0.2	7.47e-03	11.8	11.8	11.8	11.8	-22.8	-8.4	-14.6	14.3	-16.4	-16.4
5618	ok	0.0	0.2	9.97e-03	11.8	11.8	11.8	11.8	-31.4	-7.8	-14.5	22.8	2.2	-15.8
5619	ok	0.0	0.2	8.20e-03	11.8	11.8	11.8	11.8	6.9	0.3	1.3	-3.4	0.2	-4.27e-02
5622	ok	0.0	0.2	7.58e-03	11.8	11.8	11.8	11.8	-21.9	-6.4	-13.7	-6.5	-19.0	-17.5
5623	ok	0.0	0.2	1.02e-02	11.8	11.8	11.8	11.8	-30.5	-4.9	-12.8	-2.8	-8.2	-19.0
5627	ok	0.0	1.0	1.04e-02	12.7	39.0	20.6	39.4	-56.8	-31.4	16.6	311.0	311.7	-72.6
5628	ok	0.0	0.1	1.03e-02	11.8	11.8	11.8	11.8	-52.2	-2.5	-8.5	-6.4	7.7	16.0
5629	ok	0.0	0.4	1.67e-03	11.8	11.8	11.8	11.8	2.8	0.5	0.9	32.6	12.5	19.2
5630	ok	0.0	0.7	7.63e-03	11.8	11.8	11.8	11.8	-22.4	-14.3	-8.0	84.5	-19.8	12.9
5631	ok	0.0	1.0	8.01e-03	11.8	16.2	12.9	11.8	-5.8	-37.0	-1.9	128.6	65.5	-23.0
5632	ok	0.0	0.9	1.12e-02	11.8	11.8	11.8	14.9	-37.3	4.3	13.6	83.1	130.5	-21.7
5633	ok	0.0	0.6	1.07e-02	11.8	11.8	11.8	11.8	-9.1	-4.2	-4.5	61.8	11.8	19.4
5634	ok	0.0	0.4	1.12e-02	11.8	11.8	11.8	11.8	-26.8	-1.0	-5.2	-51.3	-3.2	-14.4
5635	ok	0.0	0.4	1.08e-02	11.8	11.8	11.8	11.8	-28.1	-1.8	-7.5	-35.3	-10.7	-26.0
5636	ok	0.0	0.3	1.10e-02	11.8	11.8	11.8	11.8	-31.5	-2.1	-8.3	-17.8	-9.6	-24.4
5640	ok	0.0	0.3	2.46e-03	11.8	11.8	11.8	11.8	-4.7	2.09e-02	-0.6	-26.5	8.6	16.3
5641	ok	0.0	0.3	1.94e-03	11.8	11.8	11.8	11.8	4.8	6.98e-02	3.5	9.6	11.1	23.1
5642	ok	0.0	0.5	1.14e-02	11.8	11.8	11.8	11.8	-41.2	-30.5	-13.8	59.4	27.8	-2.0
5643	ok	0.0	0.9	1.29e-02	11.8	13.1	11.8	11.8	-63.5	-6.4	-13.3	120.7	3.1	22.3
5644	ok	0.0	0.6	7.25e-03	11.8	11.8	11.8	11.8	-21.1	-14.0	-12.9	74.9	-14.8	-6.6
5645	ok	0.0	0.3	7.65e-03	11.8	11.8	11.8	11.8	-25.0	-13.3	-15.6	41.2	-14.6	-14.5
5646	ok	0.0	0.4	5.35e-03	11.8	11.8	11.8	11.8	3.8	0.3	1.3	-45.9	-0.4	0.6
5647	ok	0.0	0.4	4.66e-03	11.8	11.8	11.8	11.8	2.9	0.4	1.3	-51.7	0.8	3.3
5649	ok	0.0	0.9	9.12e-03	11.8	11.8	11.8	11.8	-29.1	-15.9	-17.7	109.5	68.3	-8.8
5650	ok	0.0	0.5	9.68e-03	11.8	11.8	11.8	11.8	-30.0	-10.0	-14.7	52.6	14.3	-15.5
5651	ok	0.0	0.4	6.79e-03	11.8	11.8	11.8	11.8	-7.5	-1.7	-0.6	50.3	8.0	10.1
5654	ok	0.0	0.4	9.10e-03	11.8	11.8	11.8	11.8	-49.3	-12.7	-0.8	24.8	26.4	20.9
5655	ok	0.0	0.3	6.66e-03	11.8	11.8	11.8	11.8	-32.6	-5.9	-0.4	28.1	-18.3	32.5
5847	ok	0.0	0.2	8.16e-03	11.8	11.8	11.8	11.8	62.5	2.2	10.6	7.6	2.1	6.9
5848	ok	0.0	0.4	9.25e-03	11.8	11.8	11.8	11.8	59.7	1.6	11.2	25.8	4.0	8.8
5849	ok	0.0	0.6	7.02e-03	11.8	11.8	11.8	11.8	-31.5	-0.4	-4.0	-62.6	-10.6	-26.2
5850	ok	0.0	0.2	7.79e-03	11.8	11.8	11.8	11.8	6.9	0.6	2.4	-21.7	-0.2	-2.4
5851	ok	0.0	0.4	8.19e-03	11.8	11.8	11.8	11.8	11.0	0.6	1.4	41.0	1.2	8.0
5852	ok	0.0	0.4	7.64e-03	11.8	11.8	11.8	11.8	-39.4	-6.7	2.3	28.2	14.4	25.6
5853	ok	0.0	0.9	8.66e-03	11.8	12.2	11.8	13.9	-50.2	-12.6	-8.0	47.4	110.9	24.9
5854	ok	0.0	0.6	7.16e-03	11.8	11.8	11.8	11.8	-32.1	-11.7	-2.5	74.9	-15.4	29.5
5858	ok	0.0	0.3	1.06e-02	11.8	11.8	11.8	11.8	-51.9	-6.1	-13.1	32.6	8.1	11.0
5859	ok	0.0	0.2	7.88e-03	11.8	11.8	11.8	11.8	-54.1	-4.1	-17.0	13.8	4.1	5.5
5860	ok	0.0	0.5	1.01e-02	11.8	11.8	11.8	11.8	-21.9	-1.6	-6.3	-55.0	-9.7	-23.1
5861	ok	0.0	0.3	6.13e-03	11.8	11.8	11.8	11.8	4.4	0.2	1.1	-34.9	-0.9	-0.7
5864	ok	0.0	0.4	7.35e-03	11.8	11.8	11.8	11.8	10.5	0.5	2.5	-41.6	-3.3	-9.4
5865	ok	0.0	0.6	1.23e-02	11.8	11.8	11.8	11.8	-44.9	-13.3	-17.4	74.4	12.1	5.4
5866	ok	0.0	0.5	1.14e-03	11.8	11.8	11.8	11.8	2.0	0.4	-0.5	48.5	19.7	23.6
5867	ok	0.0	0.5	4.54e-04	11.8	11.8	11.8	11.8	3.4	0.1	2.0	52.6	15.8	23.3
5868	ok	0.0	0.4	5.35e-03	11.8	11.8	11.8	11.8	4.8	0.2	1.0	-42.3	-0.5	-6.7
5872	ok	0.0	0.9	7.85e-03	11.8	12.9	11.8	11.8	-39.6	-19.1	5.3	116.9	76.1	21.8
5873	ok	0.0	0.2	8.86e-03	11.8	11.8	11.8	11.8	-47.1	-1.6	-3.6	-2.0	6.8	17.4
5874	ok	0.0	0.3	5.96e-03	11.8	11.8	11.8	11.8	-30.8	-2.1	-0.5	4.4	-22.7	26.2
5875	ok	0.0	0.3	1.05e-02	11.8	11.8	11.8	11.8	-58.0	-5.1	-6.8	27.3	10.6	18.9
5883	ok	0.0	0.2	6.98e-03	11.8	11.8	11.8	11.8	-36.4	-1.6	-1.0	1.2	-5.3	22.7
5884	ok	0.0	0.2	8.56e-03	11.8	11.8	11.8	11.8	-45.5	-0.6	-3.6	-17.9	-0.5	15.6
5885	ok	0.0	0.3	5.85e-03	11.8	11.8	11.8	11.8	-31.6	-0.5	-0.7	-7.4	-25.5	23.1
5886	ok	0.0	0.2	6.64e-03	11.8	11.8	11.8	11.8	-36.4	-0.6	-1.3	-11.4	-11.0	19.8
5887	ok	0.0	0.4	4.05e-03	11.8	11.8	11.8	11.8	2.4	0.1	0.5	-48.3	1.87e-02	-6.0
5890	ok	0.0	0.4	7.64e-03	11.8	11.8	11.8	11.8	-41.2	1.3	-1.9	-51.4	-18.1	5.7
5891	ok	0.0	0.4	5.61e-03	11.8	11.8	11.8	11.8	-31.3	3.3	0.5	-35.4	-35.0	11.7
5892	ok	0.0	0.3	6.12e-03	11.8	11.8	11.8	11.8	-33.9	2.4	-0.2	-40.4	-26.3	9.0
5893	ok	0.0	0.3	5.17e-03	11.8	11.8	11.8	11.8	-21.7	-1.0	-4.8	29.9	-0.9	3.9
5894	ok	0.0	0.3	8.44e-03	11.8	11.8	11.8	11.8	-11.0	-1.1	-3.7	-41.4	-3.0	-5.0
5897	ok	0.0	0.4	5.52e-03	11.8	11.8	11.8	11.8	6.23e-02	-7.0	2.3	-2.4	-51.1	9.5
5898	ok	0.0	0.4	5.66e-03	11.8	11.8	11.8	11.8	-12.4	-6.0	-14.5	-35.4	-33.7	-13.3
5899	ok	0.0	0.3	8.13e-03	11.8	11.8	11.8	11.8	-43.0	0.5	-3.0	-38.1	-10.1	11.0
5900	ok	0.0	0.4	5.75e-03	11.8	11.8	11.8	11.8	-31.6	1.8	-0.2	-23.4	-30.5	17.4
5901	ok	0.0	0.3	6.39e-03	11.8	11.8	11.8	11.8	-35.1	1.2	-1.0	-28.4	-19.6	14.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
5904	ok	0.0	0.5	5.81e-03	11.8	11.8	11.8	11.8	-31.8	2.3	1.6	-57.6	-33.3	-10.4
5905	ok	0.0	0.4	5.19e-03	11.8	11.8	11.8	11.8	-28.9	3.9	4.2	-50.3	-47.3	-4.3
5906	ok	0.0	0.4	5.46e-03	11.8	11.8	11.8	11.8	-30.4	3.0	3.1	-54.0	-40.9	-7.4
5907	ok	0.0	0.5	6.15e-03	11.8	11.8	11.8	11.8	-33.5	2.8	1.1	-58.9	-30.7	-6.8
5908	ok	0.0	0.5	6.77e-03	11.8	11.8	11.8	11.8	-36.3	2.9	1.1	-60.6	-28.0	-1.3
5914	ok	0.0	0.4	7.23e-03	11.8	11.8	11.8	11.8	-39.1	1.8	-0.7	-58.8	-23.2	1.3
5915	ok	0.0	0.4	5.30e-03	11.8	11.8	11.8	11.8	-29.7	4.4	3.2	-50.3	-44.5	-0.8
5916	ok	0.0	0.4	5.40e-03	11.8	11.8	11.8	11.8	-30.3	4.5	2.3	-47.8	-41.6	3.0
5917	ok	0.0	0.4	5.51e-03	11.8	11.8	11.8	11.8	-30.9	4.1	1.4	-42.9	-38.5	7.2
5918	ok	0.0	0.4	5.61e-03	11.8	11.8	11.8	11.8	-31.4	3.3	2.3	-54.5	-38.0	-3.6
5919	ok	0.0	0.4	5.78e-03	11.8	11.8	11.8	11.8	-32.6	3.4	1.2	-52.8	-34.8	0.3
5921	ok	0.0	0.4	5.93e-03	11.8	11.8	11.8	11.8	-33.1	3.2	0.6	-47.5	-31.0	4.6
5922	ok	0.0	0.5	5.38e-03	11.8	11.8	11.8	11.8	-29.5	1.1	2.2	-51.1	-36.2	-15.3
5923	ok	0.0	0.5	5.03e-03	11.8	11.8	11.8	11.8	-27.3	2.2	5.4	-45.9	-51.5	-9.0
5924	ok	0.0	0.5	5.18e-03	11.8	11.8	11.8	11.8	-28.6	1.5	3.9	-48.6	-44.8	-12.4
5925	ok	0.0	0.5	4.73e-03	11.8	11.8	11.8	11.8	-26.3	-2.8	2.1	-35.2	-37.8	-20.0
5928	ok	0.0	0.5	4.81e-03	11.8	11.8	11.8	11.8	-24.3	-2.1	6.8	-34.4	-56.6	-13.2
5929	ok	0.0	0.5	4.73e-03	11.8	11.8	11.8	11.8	-25.3	-2.7	4.5	-35.0	-48.7	-17.0
5930	ok	0.0	0.5	5.02e-03	11.8	11.8	11.8	11.8	-28.0	-0.4	2.2	-44.2	-37.3	-18.0
5931	ok	0.0	0.5	4.87e-03	11.8	11.8	11.8	11.8	-25.9	0.3	6.1	-40.8	-54.1	-11.4
5932	ok	0.0	0.5	4.91e-03	11.8	11.8	11.8	11.8	-27.1	-0.2	4.2	-42.6	-46.8	-15.0
5936	ok	0.0	0.4	4.38e-03	11.8	11.8	11.8	11.8	-23.9	-6.4	2.0	-23.2	-38.0	-21.3
5937	ok	0.0	0.4	4.76e-03	11.8	11.8	11.8	11.8	-26.3	6.4	1.6	-34.8	-47.6	8.5
5938	ok	0.0	0.5	4.69e-03	11.8	11.8	11.8	11.8	-22.2	-5.3	7.6	-26.4	-59.2	-14.3
5939	ok	0.0	0.5	4.49e-03	11.8	11.8	11.8	11.8	-23.0	-6.1	4.9	-25.2	-50.5	-18.1
5940	ok	0.0	0.4	3.96e-03	11.8	11.8	11.8	11.8	-20.0	-12.2	2.4	-6.4	-38.6	-20.2
5941	ok	0.0	0.5	4.64e-03	11.8	11.8	11.8	11.8	-19.3	-10.0	8.7	-16.9	-62.0	-13.8
5946	ok	0.0	0.5	4.26e-03	11.8	11.8	11.8	11.8	-19.6	-11.1	5.8	-12.5	-52.7	-17.1
5947	ok	0.0	0.4	3.52e-03	11.8	11.8	11.8	11.8	-15.1	-18.4	5.5	11.6	-38.5	-10.1
5948	ok	0.0	0.5	4.62e-03	11.8	11.8	11.8	11.8	-15.0	-16.9	10.7	-7.6	-63.9	-9.7
5949	ok	0.0	0.4	4.12e-03	11.8	11.8	11.8	11.8	-14.8	-18.1	8.0	-0.7	-54.1	-10.4
5950	ok	0.0	0.4	3.68e-03	11.8	11.8	11.8	11.8	-16.8	-15.4	3.9	7.3	-38.9	-15.6
5953	ok	0.0	0.5	4.62e-03	11.8	11.8	11.8	11.8	-17.1	-13.5	9.7	-11.4	-63.3	-12.1
5954	ok	0.0	0.5	4.16e-03	11.8	11.8	11.8	11.8	-17.1	-14.8	6.8	-5.4	-53.9	-14.2
5955	ok	0.0	0.9	3.39e-03	11.8	12.8	11.8	15.1	1.9	-1.6	12.8	66.3	-54.4	-35.3
5956	ok	0.0	0.4	3.50e-03	11.8	11.8	11.8	11.8	-11.4	-22.3	7.0	9.6	-35.5	-2.4
5957	ok	0.0	0.5	4.55e-03	11.8	11.8	11.8	11.8	-11.2	-22.7	11.9	-4.9	-63.8	-5.2
5964	ok	0.0	0.4	3.78e-03	11.8	11.8	11.8	11.8	-11.0	-22.9	9.5	2.1	-52.7	-3.8
5965	ok	0.0	0.4	4.55e-03	11.8	11.8	11.8	11.8	-24.3	8.6	4.4	-40.4	-49.0	3.9
5966	ok	0.0	0.4	1.45e-02	11.8	11.8	11.8	11.8	3.9	-100.6	27.7	1.0	55.3	7.2
5967	ok	0.0	0.4	4.92e-03	11.8	11.8	11.8	11.8	-9.1	-6.9	-15.5	-36.8	-37.9	-10.0
5970	ok	0.0	0.5	4.68e-03	11.8	11.8	11.8	11.8	5.2	0.1	1.1	-58.5	-6.9	-12.1
5971	ok	0.0	0.3	3.36e-03	11.8	11.8	11.8	11.8	-12.0	-20.4	6.9	12.3	-37.3	-5.3
5972	ok	0.0	0.4	5.36e-03	11.8	11.8	11.8	11.8	-19.7	-10.9	-9.4	51.7	-39.6	10.8
5973	ok	0.0	0.3	5.55e-03	11.8	11.8	11.8	11.8	-18.2	-11.0	-12.3	42.4	-37.9	-0.7
5979	ok	0.0	1.0	1.15e-02	13.3	11.8	12.0	34.6	3.3	-10.4	-38.7	-15.9	253.7	84.4
5980	ok	0.0	0.8	2.74e-02	11.8	11.8	11.8	13.4	-73.7	-192.3	-39.5	-19.0	105.0	-25.9
5981	ok	0.0	0.4	4.45e-03	11.8	11.8	11.8	11.8	-24.2	8.6	2.7	-37.0	-48.2	5.5
5982	ok	0.0	0.5	4.59e-03	11.8	11.8	11.8	11.8	-13.1	-19.9	11.4	-5.7	-63.9	-7.3
5987	ok	0.0	0.3	5.75e-03	11.8	11.8	11.8	11.8	-18.2	-10.3	-14.4	26.9	-34.2	-8.7
5988	ok	0.0	0.4	4.05e-03	11.8	11.8	11.8	11.8	-12.8	-20.4	9.1	2.1	-53.6	-6.5
5989	ok	0.0	0.4	5.37e-03	11.8	11.8	11.8	11.8	-25.0	-4.3	-3.5	23.9	-38.0	27.8
5990	ok	0.0	0.4	5.32e-03	11.8	11.8	11.8	11.8	-22.2	-8.2	-5.7	44.4	-40.0	23.3
5996	ok	0.0	0.4	4.33e-03	11.8	11.8	11.8	11.8	-7.0	-11.5	7.5	0.4	-50.6	1.5
5997	ok	0.0	0.6	5.53e-03	11.8	11.8	11.8	11.8	-1.6	-39.6	8.0	-2.1	-73.8	13.2
5998	ok	0.0	0.5	4.48e-03	11.8	11.8	11.8	11.8	-8.0	-28.6	11.8	-3.9	-68.8	-3.3
6001	ok	0.0	0.4	5.19e-03	11.8	11.8	11.8	11.8	-26.2	-1.7	-2.0	6.3	-38.5	25.6
6002	ok	0.0	0.5	4.54e-03	11.8	11.8	11.8	11.8	-8.7	-30.7	9.8	0.4	-60.0	-1.9
6003	ok	0.0	0.3	5.26e-03	11.8	11.8	11.8	11.8	-14.8	-8.2	-15.9	3.0	-40.8	-8.3
6004	ok	0.0	0.4	4.36e-03	11.8	11.8	11.8	11.8	-23.8	8.0	1.1	-30.9	-48.1	7.5
6018	ok	0.0	0.4	4.84e-03	11.8	11.8	11.8	11.8	-3.9	-11.0	6.5	-0.6	-51.0	2.0
6019	ok	0.0	0.6	5.67e-03	11.8	11.8	11.8	11.8	-6.4	-37.5	13.7	-4.3	-75.6	1.8
6020	ok	0.0	0.5	4.97e-03	11.8	11.8	11.8	11.8	-5.0	-34.3	10.2	0.5	-61.6	-1.7
6026	ok	0.0	0.4	5.23e-03	11.8	11.8	11.8	11.8	-3.1	-35.6	7.2	3.5	-45.8	-5.2
6027	ok	0.0	0.6	5.51e-03	11.8	11.8	11.8	11.8	-4.9	-37.4	12.0	-2.5	-74.6	1.5
6034	ok	0.0	0.5	5.14e-03	11.8	11.8	11.8	11.8	-3.6	-35.9	9.8	0.9	-62.7	-2.0
6041	ok	0.0	0.2	6.12e-05	11.8	11.8	11.8	11.8	0.3	3.12e-02	0.2	19.5	8.4	12.5
6102	ok	0.0	0.4	3.96e-03	11.8	11.8	11.8	11.8	-2.9	-4.3	-18.0	-7.4	-41.7	15.3
6121	ok	0.0	0.4	5.13e-03	11.8	11.8	11.8	11.8	-27.0	0.2	-1.5	-3.8	-39.1	22.8
6122	ok	0.0	0.5	3.62e-03	11.8	11.8	11.8	11.8	-6.8	-3.6	-16.5	8.3	-50.6	16.2
6596	ok	0.0	0.5	3.46e-03	11.8	11.8	11.8	11.8	-16.2	3.5	-6.9	13.6	-54.2	15.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6600	ok	0.0	0.4	4.03e-03	11.8	11.8	11.8	11.8	1.9	0.4	1.2	-52.7	2.5	6.8
6601	ok	0.0	0.4	7.49e-03	11.8	11.8	11.8	11.8	9.7	0.5	2.4	-42.1	-2.8	-7.7
6602	ok	0.0	0.6	7.72e-03	11.8	11.8	11.8	11.8	-35.8	-0.5	-4.9	-74.5	-9.2	-21.8
6603	ok	0.0	0.5	9.79e-03	11.8	11.8	11.8	11.8	-16.5	-0.6	-3.2	-58.7	-2.2	-12.6
6604	ok	0.0	0.3	7.26e-03	11.8	11.8	11.8	11.8	11.1	0.5	2.5	-35.1	-3.7	-9.9
6605	ok	0.0	0.5	9.04e-03	11.8	11.8	11.8	11.8	-43.7	-0.7	-6.8	-71.2	-3.6	-6.7
6607	ok	0.0	0.3	7.23e-03	11.8	11.8	11.8	11.8	11.6	0.5	2.4	-23.3	-3.6	-9.2
6608	ok	0.0	0.1	7.28e-03	11.8	11.8	11.8	11.8	-51.9	-2.5	-11.4	15.2	3.9	2.5
6609	ok	0.0	1.0	6.56e-03	11.8	11.8	11.8	11.8	-5.2	-1.7	-1.1	97.7	7.3	15.6
6611	ok	0.0	0.4	2.99e-03	11.8	11.8	11.8	11.8	-4.3	3.85e-02	-0.3	-41.0	6.5	14.1
6612	ok	0.0	0.4	5.10e-03	11.8	11.8	11.8	11.8	-28.3	4.3	0.6	-30.5	-42.8	12.6
6613	ok	0.0	0.6	8.18e-03	11.8	11.8	11.8	11.8	-38.5	-0.7	-5.5	-77.3	-7.5	-17.4
6958	ok	0.0	0.6	6.83e-03	11.8	11.8	11.8	11.8	-2.0	-48.9	9.8	-2.5	-78.4	15.0
7188	ok	0.0	0.2	1.21e-02	11.8	11.8	11.8	11.8	-4.0	-75.2	17.7	-10.0	-16.9	21.5
7201	ok	0.0	0.4	8.18e-03	11.8	11.8	11.8	11.8	-19.0	-4.0	-11.1	-47.8	-21.4	-18.8
7300	ok	0.0	0.4	4.19e-03	11.8	11.8	11.8	11.8	-11.2	-7.3	-16.1	-4.0	-47.3	-2.4
7303	ok	0.0	0.9	2.50e-03	11.8	11.8	15.6	11.8	14.3	-8.4	17.7	-20.5	-84.7	-75.3
7304	ok	0.0	0.2	1.26e-02	11.8	11.8	11.8	11.8	-3.3	-80.2	16.2	-1.7	-20.8	7.2
7308	ok	0.0	0.3	5.34e-03	11.8	11.8	11.8	11.8	-14.2	-7.1	-15.7	-12.8	-37.9	-11.2
7309	ok	0.0	0.9	9.29e-03	11.8	15.7	27.3	33.5	-28.5	-25.0	19.4	90.3	181.5	-73.1
7311	ok	0.0	0.7	8.42e-03	11.8	11.8	11.8	11.8	5.2	-2.0	0.3	78.5	7.9	18.6
7312	ok	0.0	0.4	4.21e-03	11.8	11.8	11.8	11.8	-10.6	-7.2	-16.4	-17.2	-43.7	-6.2
8592	ok	0.0	0.3	3.03e-03	11.8	11.8	11.8	11.8	-10.7	7.1	-10.1	27.3	-40.4	6.8
8593	ok	0.0	0.4	2.98e-03	11.8	11.8	11.8	11.8	-13.5	5.3	-8.4	19.1	-49.8	11.2
8594	ok	0.0	0.5	3.50e-03	11.8	11.8	11.8	11.8	-17.2	5.1	-5.3	6.8	-52.2	12.9
8595	ok	0.0	0.3	3.00e-03	11.8	11.8	11.8	11.8	-11.9	8.5	-8.9	18.9	-37.7	3.1
8596	ok	0.0	0.4	2.98e-03	11.8	11.8	11.8	11.8	-14.6	6.9	-6.8	12.1	-47.4	8.2
8597	ok	0.0	0.4	3.78e-03	11.8	11.8	11.8	11.8	-20.3	8.9	-1.6	-18.8	-46.2	6.6
8598	ok	0.0	0.3	3.76e-03	11.8	11.8	11.8	11.8	-15.6	13.1	-4.2	-13.5	-29.7	-1.3
8599	ok	0.0	0.3	3.40e-03	11.8	11.8	11.8	11.8	-17.9	10.9	-2.8	-15.9	-39.9	2.9
8600	ok	0.0	0.4	3.63e-03	11.8	11.8	11.8	11.8	-18.9	7.1	-3.7	-6.2	-48.9	9.3
8601	ok	0.0	0.3	2.83e-03	11.8	11.8	11.8	11.8	-13.9	11.2	-6.3	3.2	-33.2	-0.7
8602	ok	0.0	0.4	3.16e-03	11.8	11.8	11.8	11.8	-16.3	8.9	-5.1	-1.9	-43.3	4.7
8603	ok	0.0	0.4	4.53e-03	11.8	11.8	11.8	11.8	-22.4	10.3	6.3	-39.4	-44.9	4.3
8604	ok	0.0	0.3	4.16e-03	11.8	11.8	11.8	11.8	-19.2	15.2	6.1	-38.5	-25.8	5.9
8699	ok	0.0	0.4	3.74e-03	11.8	11.8	11.8	11.8	-5.8	-5.0	-17.0	-3.4	-48.5	11.9
8709	ok	0.0	0.4	5.14e-03	11.8	11.8	11.8	11.8	-27.9	2.6	-0.5	-18.6	-40.8	17.7
8794	ok	0.0	0.5	3.41e-03	11.8	11.8	11.8	11.8	-14.7	1.3	-8.7	21.9	-56.6	18.2
8795	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	-8.9	4.9	-11.8	34.6	-43.4	13.7
8796	ok	0.0	0.5	3.02e-03	11.8	11.8	11.8	11.8	-11.8	3.1	-10.3	26.5	-52.4	15.8
8802	ok	0.0	0.5	3.43e-03	11.8	11.8	11.8	11.8	-12.6	-1.3	-11.2	25.5	-57.9	19.4
8809	ok	0.0	0.4	3.33e-03	11.8	11.8	11.8	11.8	-6.9	2.3	-14.1	31.9	-44.6	20.6
8810	ok	0.0	0.5	3.21e-03	11.8	11.8	11.8	11.8	-9.8	0.5	-12.6	26.9	-53.7	19.6
8816	ok	0.0	0.4	4.78e-03	11.8	11.8	11.8	11.8	-17.0	-8.4	-10.7	38.1	-50.1	12.0
8821	ok	0.0	0.4	4.97e-03	11.8	11.8	11.8	11.8	-27.3	5.1	5.1	-46.8	-51.4	-1.5
8824	ok	0.0	0.5	4.86e-03	11.8	11.8	11.8	11.8	-24.8	4.3	7.7	-40.9	-56.4	-2.7
8826	ok	0.0	0.4	4.93e-03	11.8	11.8	11.8	11.8	3.4	12.4	-1.8	29.8	22.9	-16.2
8831	ok	0.0	0.4	4.81e-03	11.8	11.8	11.8	11.8	-23.4	6.1	8.7	-38.1	-54.1	0.7
9145	ok	0.0	0.3	4.47e-03	11.8	11.8	11.8	11.8	-20.8	12.6	6.3	-38.5	-36.7	5.3
9146	ok	0.0	0.4	4.31e-03	11.8	11.8	11.8	11.8	-22.3	10.9	4.3	-38.4	-43.9	4.3
9147	ok	0.0	0.4	4.11e-03	11.8	11.8	11.8	11.8	-21.9	10.8	2.2	-34.6	-43.8	4.5
9148	ok	0.0	0.4	3.95e-03	11.8	11.8	11.8	11.8	-21.2	10.1	0.3	-27.8	-44.6	5.3
9149	ok	0.0	0.3	3.84e-03	11.8	11.8	11.8	11.8	-18.7	15.8	3.4	-37.7	-25.9	3.5
9150	ok	0.0	0.3	3.55e-03	11.8	11.8	11.8	11.8	-18.0	15.5	0.7	-33.1	-26.5	1.3
9151	ok	0.0	0.2	3.65e-03	11.8	11.8	11.8	11.8	-16.9	14.6	-1.8	-24.9	-27.7	-0.4
9152	ok	0.0	0.3	4.18e-03	11.8	11.8	11.8	11.8	-20.6	13.1	3.9	-37.6	-36.3	4.1
9153	ok	0.0	0.3	3.90e-03	11.8	11.8	11.8	11.8	-20.0	13.0	1.6	-33.4	-36.6	3.1
9154	ok	0.0	0.3	3.63e-03	11.8	11.8	11.8	11.8	-19.1	12.2	-0.7	-26.0	-37.8	2.6
9155	ok	0.0	0.4	4.82e-03	11.8	11.8	11.8	11.8	-21.9	8.1	9.4	-35.5	-47.9	4.0
9156	ok	0.0	0.3	4.61e-03	11.8	11.8	11.8	11.8	-19.2	12.7	10.3	-32.4	-26.8	9.1
9157	ok	0.0	0.3	4.84e-03	11.8	11.8	11.8	11.8	-20.6	10.3	9.9	-33.7	-38.9	6.7
9158	ok	0.0	0.4	5.37e-03	11.8	11.8	11.8	11.8	-20.4	3.4	13.0	-24.7	-53.3	1.6
9162	ok	0.0	0.3	8.47e-03	11.8	11.8	11.8	11.8	-57.1	-7.1	-19.1	34.1	6.7	10.9
9163	ok	0.0	0.5	1.04e-02	11.8	11.8	11.8	11.8	-24.8	-1.7	-6.9	-47.7	-10.5	-25.2
9164	ok	0.0	0.5	9.38e-03	11.8	11.8	11.8	11.8	-45.4	-1.1	-7.5	-63.5	-0.7	0.3
9165	ok	0.0	0.8	1.01e-02	11.8	16.9	11.8	11.8	17.3	1.6	1.7	121.5	-18.3	47.9
9166	ok	0.0	0.6	7.55e-04	11.8	11.8	11.8	11.8	2.2	-0.5	1.9	18.7	54.2	33.4
9167	ok	0.0	0.8	1.57e-03	11.8	11.8	11.8	13.1	-0.3	-2.6	3.7	13.5	81.2	52.3
9169	ok	0.0	0.4	5.00e-03	11.8	11.8	11.8	11.8	-27.8	5.7	3.9	-46.3	-48.9	1.5
9170	ok	0.0	0.3	7.41e-03	11.8	11.8	11.8	11.8	-1.9	-54.8	9.0	4.1	44.3	-10.1
9171	ok	0.0	0.5	5.06e-03	11.8	11.8	11.8	11.8	-22.5	-3.41e-02	10.2	-31.5	-62.0	-6.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9176	ok	0.0	0.5	8.54e-04	11.8	11.8	11.8	11.8	-3.8	-1.8	-2.6	-23.8	-28.5	-38.2
9430	ok	0.0	0.2	3.97e-03	11.8	11.8	11.8	11.8	-1.4	-9.5	-11.0	-20.1	-30.6	-4.4
9894	ok	0.0	0.2	8.06e-03	11.8	11.8	11.8	11.8	19.3	17.2	-26.7	-0.2	-14.4	14.3
9895	ok	0.0	0.3	9.07e-03	11.8	11.8	11.8	11.8	31.3	12.7	-42.3	-11.5	-17.7	14.2
9896	ok	0.0	0.3	1.54e-02	11.8	11.8	11.8	11.8	-7.8	76.4	-62.5	40.6	8.1	14.4
9897	ok	0.0	0.5	1.65e-02	11.8	11.8	11.8	11.8	-79.7	53.2	-18.7	31.1	35.5	12.1
9898	ok	0.0	0.3	7.99e-03	11.8	11.8	11.8	11.8	21.7	17.3	-27.3	-3.6	-18.2	14.9
9899	ok	0.0	0.3	7.96e-03	11.8	11.8	11.8	11.8	23.8	16.1	-27.4	-5.9	-19.8	15.7
9900	ok	0.0	0.3	8.50e-03	11.8	11.8	11.8	11.8	26.8	14.8	-27.4	-10.4	-19.5	15.4
9901	ok	0.0	0.3	9.80e-03	11.8	11.8	11.8	11.8	29.4	20.4	-31.1	-15.4	-16.1	16.3
9902	ok	0.0	0.3	1.13e-02	11.8	11.8	11.8	11.8	25.8	-18.4	15.0	-24.8	-16.2	8.0
9903	ok	0.0	0.4	1.40e-02	11.8	11.8	11.8	11.8	16.7	-24.8	16.1	-26.1	-14.9	9.7
9904	ok	0.0	0.4	1.50e-02	11.8	11.8	11.8	11.8	7.6	-27.6	18.5	-26.1	-16.8	17.0
9905	ok	0.0	0.5	1.51e-02	11.8	11.8	11.8	11.8	10.0	-32.3	18.5	-30.7	-26.1	20.5
9906	ok	0.0	0.6	1.56e-02	11.8	11.8	11.8	11.8	24.0	-34.8	14.3	-30.3	-31.1	20.9
9907	ok	0.0	0.4	1.32e-02	11.8	11.8	11.8	11.8	20.3	54.9	-32.8	-11.3	-28.6	20.8
9908	ok	0.0	0.3	1.07e-02	11.8	11.8	11.8	11.8	20.4	-28.7	15.2	-13.6	-17.5	11.6
9909	ok	0.0	0.3	9.27e-03	11.8	11.8	11.8	11.8	13.9	3.3	-7.8	-2.0	-16.8	16.8
9910	ok	0.0	0.4	1.32e-02	11.8	11.8	11.8	11.8	13.5	-25.3	13.0	-26.3	-20.5	17.1
9911	ok	0.0	0.4	1.07e-02	11.8	11.8	11.8	11.8	19.1	32.1	-32.9	-15.2	-18.4	19.4
9912	ok	0.0	0.3	9.22e-03	11.8	11.8	11.8	11.8	24.3	22.7	-30.3	-13.8	-19.1	17.5
9913	ok	0.0	0.5	1.27e-02	11.8	11.8	11.8	11.8	15.9	-25.7	11.2	-25.1	-24.9	18.6
9914	ok	0.0	0.4	1.03e-02	11.8	11.8	11.8	11.8	19.0	33.8	-31.8	-13.6	-21.6	20.0
9915	ok	0.0	0.3	9.03e-03	11.8	11.8	11.8	11.8	12.8	2.0	-7.8	-7.5	-20.3	17.5
9916	ok	0.0	0.5	1.27e-02	11.8	11.8	11.8	11.8	19.1	53.8	-34.2	-12.2	-29.5	25.2
9917	ok	0.0	0.4	1.02e-02	11.8	11.8	11.8	11.8	19.8	35.4	-31.5	-11.8	-22.6	19.6
9918	ok	0.0	0.3	9.04e-03	11.8	11.8	11.8	11.8	13.5	2.5	-8.6	-5.1	-20.0	17.0
9919	ok	0.0	0.3	8.05e-03	11.8	11.8	11.8	11.8	-16.4	-2.1	-2.6	18.0	22.1	11.6
9920	ok	0.0	0.4	1.48e-02	11.8	11.8	11.8	11.8	-8.4	-59.3	30.0	21.6	36.9	17.4
9921	ok	0.0	0.2	7.99e-03	11.8	11.8	11.8	11.8	-33.5	21.7	-18.9	4.9	14.5	11.4
9922	ok	0.0	0.2	8.07e-03	11.8	11.8	11.8	11.8	4.2	32.0	-37.7	5.8	-5.8	13.3
9923	ok	0.0	0.5	1.70e-02	11.8	11.8	11.8	11.8	-76.0	48.7	-12.3	35.8	38.4	13.7
9924	ok	0.0	0.5	1.63e-02	11.8	11.8	11.8	11.8	-43.7	-59.9	45.2	24.7	43.7	16.5
9925	ok	0.0	0.4	1.17e-02	11.8	11.8	11.8	11.8	-33.3	-45.3	38.8	12.5	32.0	15.6
9926	ok	0.0	0.3	1.10e-02	11.8	11.8	11.8	11.8	-40.2	24.9	10.3	11.1	22.5	15.6
9927	ok	0.0	0.3	9.43e-03	11.8	11.8	11.8	11.8	-18.5	-1.2	-1.3	13.6	21.4	20.0
9928	ok	0.0	0.4	1.34e-02	11.8	11.8	11.8	11.8	-57.7	38.7	-15.4	19.0	27.7	14.0
9929	ok	0.0	0.3	1.10e-02	11.8	11.8	11.8	11.8	-46.1	36.4	-20.8	9.2	15.8	13.5
9930	ok	0.0	0.2	9.44e-03	11.8	11.8	11.8	11.8	12.0	2.6	-7.2	2.6	-12.9	14.8
9931	ok	0.0	0.4	1.27e-02	11.8	11.8	11.8	11.8	-38.6	-44.0	35.7	11.9	34.5	13.3
9932	ok	0.0	0.3	1.09e-02	11.8	11.8	11.8	11.8	-43.7	26.0	-13.0	11.5	20.7	14.7
9933	ok	0.0	0.2	9.46e-03	11.8	11.8	11.8	11.8	-37.7	28.5	-19.3	6.9	17.2	14.2
9934	ok	0.0	0.8	2.10e-02	11.8	11.8	11.8	11.8	-48.3	-62.8	-41.3	54.7	102.6	-9.1
9935	ok	0.0	0.4	1.78e-02	11.8	11.8	11.8	11.8	-2.9	-66.2	-18.4	31.3	40.3	8.4
9936	ok	0.0	0.8	2.43e-02	11.8	11.8	11.8	11.8	-152.5	75.9	17.5	75.7	56.8	6.6
9937	ok	0.0	0.9	5.24e-02	11.8	11.8	12.2	11.8	-147.3	-230.5	76.5	80.5	109.8	-6.3
9938	ok	0.0	0.8	2.23e-02	11.8	11.8	11.8	11.8	-2.3	-55.1	-53.9	57.7	98.3	-2.1
9939	ok	0.0	0.5	2.17e-02	11.8	11.8	11.8	11.8	-2.7	-74.6	-29.5	42.0	62.6	3.3
9940	ok	0.0	0.4	2.08e-02	11.8	11.8	11.8	11.8	-4.7	-92.1	15.9	33.6	37.0	12.9
9941	ok	0.0	0.4	1.88e-02	11.8	11.8	11.8	11.8	-31.7	-86.7	31.2	27.5	36.7	16.5
9942	ok	0.0	0.9	5.15e-02	11.8	11.8	13.0	11.8	-37.6	-228.3	55.9	60.8	99.0	7.3
9943	ok	0.0	0.6	2.33e-02	11.8	11.8	11.8	11.8	-21.7	-85.2	61.0	51.8	67.1	14.9
9944	ok	0.0	0.5	2.98e-02	11.8	11.8	11.8	11.8	-40.0	-132.4	26.2	41.3	49.1	10.0
9945	ok	0.0	0.5	2.31e-02	11.8	11.8	11.8	11.8	-9.0	-98.0	27.6	39.1	52.9	14.7
9947	ok	0.0	0.5	1.66e-02	11.8	11.8	11.8	11.8	-3.3	70.8	-76.7	55.4	10.5	11.0
9948	ok	0.0	0.6	1.34e-02	11.8	11.8	11.8	11.8	-0.1	77.2	-78.9	69.4	13.6	4.7
9952	ok	0.0	0.6	1.63e-02	11.8	11.8	11.8	11.8	3.0	104.7	-81.3	67.0	12.7	5.4
9953	ok	0.0	0.4	1.85e-02	11.8	11.8	11.8	11.8	-3.4	80.2	-79.3	54.2	9.5	12.3
9954	ok	0.0	0.6	2.16e-02	11.8	11.8	11.8	11.8	1.8	75.6	-48.2	69.6	19.2	2.5
9955	ok	0.0	0.5	2.17e-02	11.8	11.8	11.8	11.8	-16.1	55.7	-51.8	60.1	27.9	0.8
9956	ok	0.0	0.8	3.63e-02	11.8	11.8	11.8	11.8	-40.4	115.7	-55.7	86.2	55.8	-9.8
9957	ok	0.0	0.7	2.46e-02	11.8	11.8	11.8	11.8	-55.9	68.7	-64.3	74.0	54.1	-3.5
9960	ok	0.0	0.3	1.70e-02	11.8	11.8	11.8	11.8	-11.9	72.4	-67.1	41.1	10.0	13.4
9961	ok	0.0	0.4	1.93e-02	11.8	11.8	11.8	11.8	-30.0	70.3	-80.3	41.3	12.1	13.2
9962	ok	0.0	0.4	2.99e-02	11.8	11.8	11.8	11.8	-82.3	-24.0	45.0	38.5	12.0	11.7
9968	ok	0.0	0.9	2.68e-02	11.8	11.8	11.8	11.8	-59.2	30.3	-24.5	114.8	25.0	3.9
9969	ok	0.0	0.6	3.15e-02	11.8	11.8	11.8	11.8	-63.4	-27.1	-20.2	74.7	21.2	14.5
9970	ok	0.0	0.7	1.57e-02	11.8	11.8	11.8	11.8	-8.6	40.0	-83.1	89.0	18.6	3.5
9971	ok	0.0	0.6	2.08e-02	11.8	11.8	11.8	11.8	-14.3	65.3	-19.9	67.9	17.3	12.0
9972	ok	0.0	0.6	1.15e-02	11.8	11.8	11.8	11.8	-1.9	56.0	-78.0	76.0	15.0	4.0
9973	ok	0.0	0.5	1.63e-02	11.8	11.8	11.8	11.8	-5.5	69.1	-80.4	60.0	12.5	10.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
9974	ok	0.0	0.7	1.68e-02	11.8	11.8	11.8	11.8	-20.0	-7.9	-33.6	20.9	81.6	1.0
9975	ok	0.0	0.4	1.26e-02	11.8	11.8	11.8	11.8	-27.2	-29.4	-28.4	23.5	44.5	5.4
9976	ok	0.0	0.6	1.61e-02	11.8	11.8	11.8	11.8	-29.9	-8.9	-39.0	28.9	78.3	5.6
9977	ok	0.0	0.5	1.36e-02	11.8	11.8	11.8	11.8	-30.0	-20.5	-39.7	30.0	63.6	2.9
9979	ok	0.0	0.3	1.03e-02	11.8	11.8	11.8	11.8	38.4	18.0	-41.7	-13.0	-14.4	12.1
9980	ok	0.0	0.3	1.20e-02	11.8	11.8	11.8	11.8	12.9	3.3	-11.5	-16.3	-7.1	12.9
9981	ok	0.0	0.3	1.34e-02	11.8	11.8	11.8	11.8	52.0	4.6	-19.3	-22.4	-5.3	-9.8
9985	ok	0.0	0.4	2.59e-02	11.8	11.8	11.8	11.8	-85.7	-15.3	36.8	20.7	6.4	11.0
9986	ok	0.0	0.4	2.00e-02	11.8	11.8	11.8	11.8	61.6	10.5	-26.2	-33.5	-4.1	-2.7
9987	ok	0.0	0.3	1.61e-02	11.8	11.8	11.8	11.8	50.3	6.3	-19.1	-31.1	-4.6	-6.2
9988	ok	0.0	0.3	1.68e-02	11.8	11.8	11.8	11.8	-43.1	-20.6	-15.7	22.9	8.1	12.0
9989	ok	0.0	0.3	1.54e-02	11.8	11.8	11.8	11.8	39.2	-13.6	-28.0	-31.2	-6.0	-2.2
9990	ok	0.0	0.3	1.31e-02	11.8	11.8	11.8	11.8	37.5	-8.9	-20.6	-27.9	-7.3	-4.9
9991	ok	0.0	0.3	1.49e-02	11.8	11.8	11.8	11.8	-22.8	59.8	-62.0	24.1	6.1	13.0
9992	ok	0.0	0.3	1.24e-02	11.8	11.8	11.8	11.8	34.6	-24.1	-10.1	-23.7	-11.9	6.4
9993	ok	0.0	0.3	1.16e-02	11.8	11.8	11.8	11.8	39.8	29.1	-50.5	-17.1	-12.2	14.4
9994	ok	0.0	0.7	9.51e-03	11.8	11.8	11.8	11.8	-12.1	-1.5	-4.9	16.4	85.0	0.8
9995	ok	0.0	0.4	8.22e-03	11.8	11.8	11.8	11.8	-18.3	-10.1	-40.7	5.2	44.4	11.7
9996	ok	0.0	0.6	1.28e-02	11.8	11.8	11.8	11.8	-8.7	0.2	-18.9	16.6	79.1	1.4
9997	ok	0.0	0.7	1.05e-02	11.8	11.8	11.8	11.8	-9.5	-2.89e-02	-13.3	16.1	81.5	1.1
9998	ok	0.0	0.6	9.58e-03	11.8	11.8	11.8	11.8	-19.2	2.05e-02	-9.7	13.2	70.5	9.0
9999	ok	0.0	0.5	8.61e-03	11.8	11.8	11.8	11.8	-23.9	-2.1	-10.8	10.1	56.6	8.4
10000	ok	0.0	0.4	8.93e-03	11.8	11.8	11.8	11.8	-24.8	-6.0	-18.3	11.8	45.2	8.1
10001	ok	0.0	0.4	1.02e-02	11.8	11.8	11.8	11.8	-23.9	-11.8	-25.7	18.5	45.9	6.2
10002	ok	0.0	0.6	1.08e-02	11.8	11.8	11.8	11.8	-20.8	-0.1	-14.2	13.8	69.9	9.8
10003	ok	0.0	0.6	1.24e-02	11.8	11.8	11.8	11.8	-26.9	-1.4	-21.2	16.3	71.0	9.3
10004	ok	0.0	0.5	9.53e-03	11.8	11.8	11.8	11.8	-25.3	-2.7	-16.2	12.5	57.5	8.4
10005	ok	0.0	0.5	1.10e-02	11.8	11.8	11.8	11.8	-26.5	-5.7	-25.8	18.0	59.6	6.3
10008	ok	0.0	0.2	3.99e-03	11.8	11.8	11.8	11.8	-2.7	-8.2	-9.2	-11.7	-29.9	1.3
10009	ok	0.0	0.2	3.88e-03	11.8	11.8	11.8	11.8	-2.2	-8.3	-7.6	2.2	-29.3	7.0
10010	ok	0.0	0.2	1.35e-02	11.8	11.8	11.8	11.8	-25.8	-10.7	-6.4	-3.9	13.5	-5.1
10013	ok	0.0	0.1	1.39e-02	11.8	11.8	11.8	11.8	-71.7	-16.8	7.0	-10.5	14.2	-4.4
10014	ok	0.0	0.2	1.41e-02	11.8	11.8	11.8	11.8	-25.1	-5.9	-13.1	4.3	16.5	-7.0
10015	ok	0.0	0.2	1.56e-02	11.8	11.8	11.8	11.8	-31.4	-16.8	24.2	-6.8	15.0	-8.0
10016	ok	0.0	0.2	1.38e-02	11.8	11.8	11.8	11.8	-27.8	-25.9	0.6	-9.5	13.5	-4.5
10017	ok	0.0	0.2	1.37e-02	11.8	11.8	11.8	11.8	-27.3	-20.7	-2.7	-9.7	11.8	-5.6
10018	ok	0.0	0.2	1.36e-02	11.8	11.8	11.8	11.8	-1.2	8.9	24.0	-15.1	-8.9	-2.6
10019	ok	0.0	0.2	1.51e-02	11.8	11.8	11.8	11.8	-33.7	-22.8	-0.5	-9.4	15.6	-5.4
10020	ok	0.0	0.2	1.47e-02	11.8	11.8	11.8	11.8	-76.6	-2.9	-3.4	-10.1	15.7	-6.2
10021	ok	0.0	0.2	1.43e-02	11.8	11.8	11.8	11.8	-26.9	-7.9	-8.1	-6.3	16.4	-7.2
10038	ok	0.0	0.7	8.86e-03	11.8	11.8	11.8	11.8	-22.8	0.2	-36.7	17.3	90.4	1.7
10039	ok	0.0	0.4	8.63e-03	11.8	11.8	11.8	11.8	-16.2	-7.8	-36.2	4.9	44.0	10.7
10040	ok	0.0	0.6	8.51e-03	11.8	11.8	11.8	11.8	-16.8	0.5	-36.8	13.4	73.6	9.1
10041	ok	0.0	0.5	8.29e-03	11.8	11.8	11.8	11.8	-16.0	-6.3	-36.0	9.3	58.0	10.1
10043	ok	0.0	0.2	9.24e-03	11.8	11.8	11.8	11.8	28.3	-43.5	-4.0	5.3	-15.1	-15.0
10044	ok	0.0	0.2	5.33e-03	11.8	11.8	11.8	11.8	51.0	2.1	-16.6	-4.8	10.5	-14.0
10045	ok	0.0	0.2	6.09e-03	11.8	11.8	11.8	11.8	46.6	-6.0	-16.0	-12.3	4.6	-18.0
10050	ok	0.0	0.5	1.62e-02	5.7	5.7	5.7	5.7	13.2	-11.8	24.7	-18.4	-8.3	2.5
10051	ok	0.0	0.4	1.75e-02	11.8	11.8	11.8	11.8	-31.0	-19.4	21.1	12.8	48.6	7.1
10052	ok	0.0	0.8	8.58e-03	11.8	11.8	11.8	11.8	-24.5	-0.4	-31.7	18.0	94.7	1.1
10053	ok	0.0	0.8	7.89e-03	11.8	11.8	11.8	11.8	-1.6	-0.8	-24.3	18.7	98.2	3.4
10054	ok	0.0	0.8	1.44e-02	11.8	11.8	11.8	11.8	-5.1	7.2	-13.3	19.5	101.0	3.3
10055	ok	0.0	0.9	3.22e-02	11.8	11.8	11.8	11.8	-27.4	0.2	4.4	23.3	101.4	4.9
10056	ok	0.0	0.8	2.97e-02	11.8	11.8	11.8	11.8	-22.1	-22.3	22.1	28.4	94.0	4.3
10057	ok	0.0	0.6	2.24e-02	11.8	11.8	11.8	11.8	-38.4	-18.4	24.4	19.5	69.3	7.1
10058	ok	0.0	0.4	1.42e-02	11.8	11.8	11.8	11.8	-30.8	-9.5	18.9	10.1	48.0	8.8
10059	ok	0.0	0.4	1.39e-02	11.8	11.8	11.8	11.8	-31.0	-4.0	16.6	7.2	46.7	10.0
10060	ok	0.0	0.4	1.14e-02	11.8	11.8	11.8	11.8	-29.6	-2.8	2.2	5.4	45.4	11.0
10061	ok	0.0	0.4	1.07e-02	11.8	11.8	11.8	11.8	-15.6	-6.1	-36.4	4.8	44.4	8.8
10062	ok	0.0	0.7	2.41e-02	11.8	11.8	11.8	11.8	-18.1	4.66e-03	11.8	20.9	86.4	4.6
10063	ok	0.0	0.7	1.79e-02	11.8	11.8	11.8	11.8	-10.3	-0.8	-12.5	15.7	82.2	6.1
10064	ok	0.0	0.6	1.19e-02	11.8	11.8	11.8	11.8	-6.1	2.1	-24.3	14.1	78.9	7.6
10065	ok	0.0	0.6	8.47e-03	11.8	11.8	11.8	11.8	-17.2	-0.2	-31.8	13.6	76.2	7.0
10066	ok	0.0	0.6	1.97e-02	11.8	11.8	11.8	11.8	-9.1	-5.2	17.6	15.4	67.2	8.7
10067	ok	0.0	0.5	1.66e-02	11.8	11.8	11.8	11.8	-9.9	-0.7	13.2	11.5	63.9	9.1
10068	ok	0.0	0.5	1.34e-02	11.8	11.8	11.8	11.8	-10.3	-2.4	-36.7	9.5	61.3	10.1
10069	ok	0.0	0.5	1.01e-02	11.8	11.8	11.8	11.8	-13.5	-5.7	-33.9	9.0	59.4	8.2
10070	ok	0.0	0.3	1.34e-02	11.8	11.8	11.8	11.8	4.6	34.2	29.7	-11.8	-10.3	-12.8
10071	ok	0.0	0.3	1.27e-02	11.8	11.8	11.8	11.8	6.5	42.3	20.2	-17.2	-20.0	-10.3
10072	ok	0.0	0.3	1.27e-02	11.8	11.8	11.8	11.8	-87.1	39.0	-34.2	28.9	27.1	4.0
10073	ok	0.0	0.3	1.44e-02	11.8	11.8	11.8	11.8	-83.6	25.0	-56.2	38.4	35.3	5.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10074	ok	0.0	0.5	1.18e-02	11.8	11.8	11.8	11.8	-32.3	12.4	-58.1	33.7	53.8	21.6
10075	ok	0.0	0.7	1.02e-02	11.8	11.8	11.8	11.8	-2.6	2.1	-49.5	26.7	78.8	14.3
10076	ok	0.0	0.5	2.35e-02	11.8	11.8	11.8	11.8	73.6	8.6	15.1	-30.9	-1.1	-16.5
10077	ok	0.0	0.4	1.29e-02	11.8	11.8	11.8	11.8	32.5	10.7	17.2	-22.2	-5.3	-19.2
10078	ok	0.0	0.3	7.68e-03	11.8	11.8	11.8	11.8	12.6	6.7	17.9	-13.9	-2.7	-16.9
10079	ok	0.0	0.2	7.35e-03	11.8	11.8	11.8	11.8	-40.6	21.5	-2.0	13.9	15.1	-7.5
10080	ok	0.0	1.0	5.34e-03	11.8	19.6	11.8	21.9	3.2	13.1	-18.3	146.0	185.9	-32.0
10081	ok	0.0	0.4	8.03e-03	11.8	11.8	11.8	11.8	-14.5	-3.1	-1.4	32.9	35.6	11.3
10082	ok	0.0	0.3	1.33e-02	11.8	11.8	11.8	11.8	-6.7	-59.5	22.9	18.1	30.9	15.1
10083	ok	0.0	0.4	1.10e-02	11.8	11.8	11.8	11.8	-3.6	-43.8	17.7	11.9	40.4	12.7
10084	ok	0.0	1.0	7.73e-03	11.8	11.8	11.8	12.7	-8.0	12.6	-19.3	73.5	113.4	-16.0
10085	ok	0.0	0.4	8.85e-03	11.8	11.8	11.8	11.8	-17.2	-2.1	-0.3	22.5	35.5	23.3
10086	ok	0.0	0.4	1.05e-02	11.8	11.8	11.8	11.8	-17.5	-2.0	1.5	3.3	34.7	21.8
10087	ok	0.0	0.3	1.09e-02	11.8	11.8	11.8	11.8	-27.3	-42.2	30.2	11.9	30.1	14.0
10088	ok	0.0	0.3	1.17e-02	11.8	11.8	11.8	11.8	-2.1	-54.8	19.1	16.1	33.0	10.6
10089	ok	0.0	0.3	8.90e-03	11.8	11.8	11.8	11.8	-8.5	-1.3	4.2	-3.8	34.8	11.1
10090	ok	0.0	0.3	5.29e-03	11.8	11.8	11.8	11.8	-18.1	7.2	14.8	-14.9	-30.6	9.1
10091	ok	0.0	0.4	5.48e-03	11.8	11.8	11.8	11.8	-19.3	5.2	13.9	-20.2	-43.9	5.2
10092	ok	0.0	0.4	5.15e-03	11.8	11.8	11.8	11.8	-21.3	6.0	11.3	-30.6	-50.4	3.2
10093	ok	0.0	0.3	4.99e-03	11.8	11.8	11.8	11.8	-18.8	10.3	12.7	-24.7	-28.3	10.0
10094	ok	0.0	0.4	5.22e-03	11.8	11.8	11.8	11.8	-20.1	8.0	12.0	-27.6	-41.2	6.6
10095	ok	0.0	0.4	8.75e-03	11.8	11.8	11.8	11.8	-4.3	-28.0	22.3	6.5	42.0	13.7
10096	ok	0.0	0.7	7.61e-03	11.8	11.8	11.8	11.8	3.4	-27.9	-4.2	46.4	67.1	-3.8
10097	ok	0.0	0.3	9.90e-03	11.8	11.8	11.8	11.8	-5.4	-37.0	22.3	9.8	31.7	12.7
10098	ok	0.0	0.4	9.19e-03	11.8	11.8	11.8	11.8	-10.1	1.0	4.1	3.2	47.2	17.7
10099	ok	0.0	0.7	9.20e-03	11.8	11.8	11.8	11.8	-12.2	-2.2	2.5	26.1	57.6	27.6
10100	ok	0.0	0.4	1.50e-02	11.8	11.8	11.8	11.8	-11.3	-3.9	5.8	27.4	17.5	25.1
10101	ok	0.0	0.7	1.06e-02	11.8	11.8	11.8	11.8	-8.0	-2.8	2.8	33.7	62.2	19.8
10102	ok	0.0	0.3	1.57e-02	11.8	11.8	11.8	11.8	-26.3	-72.5	23.6	26.1	27.6	14.1
10103	ok	0.0	0.4	1.65e-02	11.8	11.8	11.8	11.8	-3.4	-71.6	9.9	31.5	27.6	13.6
10104	ok	0.0	0.6	1.32e-02	11.8	11.8	11.8	11.8	-5.5	-3.33e-02	5.1	31.9	32.2	31.1
10105	ok	0.0	1.0	1.07e-02	11.8	25.0	12.3	29.2	-11.2	-6.4	1.2	176.5	191.1	73.0
10106	ok	0.0	0.8	8.97e-03	11.8	11.8	11.8	12.2	-10.1	38.0	-2.4	-21.4	39.0	54.8
10107	ok	0.0	0.9	1.33e-02	11.8	11.8	11.8	11.8	3.0	44.0	-2.4	68.7	106.0	6.4
10108	ok	0.0	0.4	1.43e-02	11.8	11.8	11.8	11.8	0.2	-42.8	18.7	26.8	44.8	3.9
10109	ok	0.0	0.3	1.01e-02	11.8	11.8	11.8	11.8	-8.7	-42.6	-33.4	12.1	33.9	15.6
10110	ok	0.0	1.0	4.74e-02	11.8	12.2	11.8	20.1	-16.3	-42.6	-14.8	35.9	183.3	-24.4
10111	ok	0.0	0.3	2.11e-02	11.8	11.8	11.8	11.8	-7.3	-106.1	-19.8	14.7	42.7	2.7
10112	ok	0.0	1.0	5.90e-02	11.8	11.8	11.8	13.2	-63.1	-29.9	30.5	39.5	131.5	8.5
10113	ok	0.0	1.0	6.23e-02	11.8	11.8	11.8	11.8	-58.7	-61.9	48.0	38.9	121.5	-0.7
10114	ok	0.0	0.9	4.77e-02	11.8	11.8	11.8	11.8	-92.0	-159.4	33.0	30.8	128.5	10.6
10115	ok	0.0	0.5	2.99e-02	11.8	11.8	11.8	11.8	-34.1	-134.9	-1.8	24.6	67.4	7.4
10116	ok	0.0	0.3	2.00e-02	11.8	11.8	11.8	11.8	-25.0	-84.9	9.1	14.9	48.2	5.1
10117	ok	0.0	0.4	1.93e-02	11.8	11.8	11.8	11.8	-35.3	-33.9	22.0	14.7	49.0	5.2
10118	ok	0.0	0.8	3.97e-02	11.8	11.8	11.8	11.8	-14.9	-65.0	54.7	29.5	101.5	2.0
10119	ok	0.0	0.8	3.23e-02	11.8	11.8	11.8	11.8	-20.6	-53.2	27.3	29.3	100.9	3.0
10120	ok	0.0	0.5	2.42e-02	11.8	11.8	11.8	11.8	-37.9	-89.0	25.6	21.5	74.0	8.6
10121	ok	0.0	0.6	2.16e-02	11.8	11.8	11.8	11.8	-35.4	-37.0	31.6	20.5	70.8	5.4
10122	ok	0.0	0.3	1.16e-02	11.8	11.8	11.8	11.8	-23.6	-33.4	-22.2	20.6	35.2	8.9
10123	ok	0.0	0.3	7.80e-03	11.8	11.8	11.8	11.8	11.8	9.3	21.7	-16.4	-24.9	15.9
10124	ok	0.0	0.3	8.81e-03	11.8	11.8	11.8	11.8	5.8	12.4	19.8	-20.0	-27.2	11.7
10125	ok	0.0	0.3	1.04e-02	11.8	11.8	11.8	11.8	13.3	-52.9	-32.4	10.8	28.8	21.8
10126	ok	0.0	0.3	9.48e-03	11.8	11.8	11.8	11.8	-19.7	-17.4	-21.7	14.8	34.8	7.5
10127	ok	0.0	0.3	8.24e-03	11.8	11.8	11.8	11.8	11.5	13.2	21.3	-14.3	-21.9	18.1
10128	ok	0.0	0.3	7.64e-03	11.8	11.8	11.8	11.8	8.7	10.9	20.8	-18.8	-24.2	14.1
10129	ok	0.0	0.2	8.00e-03	11.8	11.8	11.8	11.8	5.7	17.0	19.3	-17.2	-20.6	12.2
10130	ok	0.0	0.2	8.62e-03	11.8	11.8	11.8	11.8	-8.5	-33.4	-38.8	4.0	22.3	13.4
10131	ok	0.0	0.3	8.19e-03	11.8	11.8	11.8	11.8	7.0	14.6	23.1	-18.3	-19.2	15.5
10132	ok	0.0	0.3	9.07e-03	11.8	11.8	11.8	11.8	-8.6	-32.5	-44.5	8.2	27.2	12.3
10133	ok	0.0	0.3	8.09e-03	11.8	11.8	11.8	11.8	7.2	13.3	18.4	-20.1	-31.5	11.2
10134	ok	0.0	0.5	5.57e-03	11.8	11.8	11.8	11.8	-19.2	7.40e-02	14.7	-18.5	-56.1	-1.0
10135	ok	0.0	0.3	5.00e-03	11.8	11.8	11.8	11.8	-17.2	3.5	16.8	-4.8	-33.5	5.4
10136	ok	0.0	0.4	5.44e-03	11.8	11.8	11.8	11.8	-18.3	1.7	15.8	-12.7	-46.8	2.1
10137	ok	0.0	0.3	9.14e-03	11.8	11.8	11.8	11.8	13.7	12.9	19.4	-15.1	-20.2	13.7
10138	ok	0.0	0.3	1.61e-02	11.8	11.8	11.8	11.8	-27.5	-20.9	17.9	7.4	33.4	6.2
10139	ok	0.0	0.3	1.25e-02	11.8	11.8	11.8	11.8	21.8	8.5	-2.1	-22.4	-35.6	-1.31e-02
10140	ok	0.0	0.3	9.02e-03	11.8	11.8	11.8	11.8	10.1	12.1	19.0	-18.4	-27.5	12.8
10141	ok	0.0	0.3	9.33e-03	11.8	11.8	11.8	11.8	6.4	7.2	46.5	-14.6	-24.3	9.1
10142	ok	0.0	0.3	1.11e-02	11.8	11.8	11.8	11.8	-24.0	-4.2	2.7	2.6	32.6	10.3
10143	ok	0.0	0.3	1.16e-02	11.8	11.8	11.8	11.8	-24.5	-6.5	16.9	3.9	33.0	9.2
10144	ok	0.0	0.3	1.39e-02	11.8	11.8	11.8	11.8	-25.7	-11.9	17.7	5.7	33.3	7.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10145	ok	0.0	0.3	1.42e-02	11.8	11.8	11.8	11.8	21.9	8.8	-2.3	-19.7	-30.7	-1.0
10146	ok	0.0	1.0	8.43e-03	11.8	11.8	11.8	14.6	30.9	34.0	-24.9	53.8	127.2	-17.3
10147	ok	0.0	0.4	1.64e-02	11.8	11.8	11.8	11.8	-23.3	26.0	-20.8	32.6	21.8	-16.4
10148	ok	0.0	0.9	6.44e-02	11.8	11.8	11.8	19.4	-41.7	-113.4	6.5	14.4	168.1	33.0
10149	ok	0.0	0.7	5.73e-02	11.8	11.8	11.8	11.8	-311.2	50.0	-50.2	2.5	-33.4	23.4
10150	ok	0.0	0.4	3.91e-02	11.8	11.8	11.8	11.8	19.8	0.3	-10.1	36.9	8.0	11.6
10151	ok	0.0	0.5	3.07e-02	11.8	11.8	11.8	11.8	-53.1	-15.0	31.4	-30.6	-23.4	35.0
10152	ok	0.0	1.0	2.09e-02	11.8	19.5	11.8	20.3	84.8	60.0	-39.0	120.1	121.7	-59.9
10153	ok	0.0	0.9	1.76e-02	11.8	11.8	11.8	13.7	-0.9	8.2	-23.3	61.8	107.6	-32.1
10154	ok	0.0	0.6	1.75e-02	11.8	11.8	11.8	11.8	-20.1	10.2	-20.4	47.3	49.4	-20.5
10155	ok	0.0	0.3	1.70e-02	11.8	11.8	11.8	11.8	-47.9	23.3	-24.8	35.0	17.0	-10.7
10156	ok	0.0	0.3	1.79e-02	11.8	11.8	11.8	11.8	-46.1	10.4	-33.7	27.5	18.2	-3.5
10157	ok	0.0	0.3	1.88e-02	11.8	11.8	11.8	11.8	-44.5	-16.5	-59.2	17.4	21.6	2.0
10158	ok	0.0	0.4	1.89e-02	11.8	11.8	11.8	11.8	-44.7	-56.9	-59.8	12.5	29.0	1.5
10159	ok	0.0	0.4	1.96e-02	11.8	11.8	11.8	11.8	-8.4	-103.1	-24.1	13.2	38.5	0.5
10160	ok	0.0	0.9	1.94e-02	11.8	11.8	11.8	12.0	0.2	64.0	-25.0	66.6	82.5	-32.5
10161	ok	0.0	0.5	2.41e-02	11.8	11.8	11.8	11.8	-1.5	15.3	-30.7	56.5	28.5	-1.6
10162	ok	0.0	0.4	2.82e-02	11.8	11.8	11.8	11.8	-9.6	4.1	-33.5	32.7	19.6	7.9
10163	ok	0.0	0.4	3.48e-02	11.8	11.8	11.8	11.8	-87.9	-39.5	-54.9	18.9	29.0	19.8
10164	ok	0.0	0.8	5.87e-02	11.8	11.8	11.8	12.0	-116.1	-108.4	-84.4	22.0	104.7	27.7
10165	ok	0.0	0.5	1.93e-02	11.8	11.8	11.8	11.8	-18.6	35.2	-22.4	47.6	29.4	-16.8
10166	ok	0.0	0.3	2.03e-02	11.8	11.8	11.8	11.8	-21.1	12.6	-31.2	39.6	25.8	-2.3
10167	ok	0.0	0.3	2.18e-02	11.8	11.8	11.8	11.8	-55.2	-16.4	-45.5	22.4	23.2	5.6
10168	ok	0.0	0.3	2.31e-02	11.8	11.8	11.8	11.8	-54.7	-40.3	-56.7	10.8	30.4	11.0
10169	ok	0.0	0.4	2.96e-02	11.8	11.8	11.8	11.8	-37.3	-149.1	-8.9	21.3	61.9	8.6
10170	ok	0.0	0.7	9.22e-03	11.8	11.8	11.8	11.8	-1.1	2.6	-35.7	21.3	81.0	-5.0
10171	ok	0.0	0.4	1.59e-02	11.8	11.8	11.8	11.8	-24.1	6.1	-19.9	27.0	26.9	-16.9
10172	ok	0.0	0.7	1.26e-02	11.8	11.8	11.8	11.8	-3.7	3.1	-31.3	30.4	73.4	-18.2
10173	ok	0.0	0.6	1.58e-02	11.8	11.8	11.8	11.8	-18.8	5.1	-21.1	33.2	50.6	-21.9
10174	ok	0.0	0.4	1.17e-02	11.8	11.8	11.8	11.8	17.9	7.8	-3.3	-22.0	-37.1	1.5
10175	ok	0.0	0.4	1.04e-02	11.8	11.8	11.8	11.8	14.6	6.7	-4.8	-21.4	-37.9	2.7
10176	ok	0.0	0.4	9.03e-03	11.8	11.8	11.8	11.8	20.0	11.7	8.3	-19.1	-37.0	6.1
10177	ok	0.0	0.3	8.44e-03	11.8	11.8	11.8	11.8	9.4	7.5	44.9	-20.1	-36.8	7.9
10178	ok	0.0	0.3	1.29e-02	11.8	11.8	11.8	11.8	17.8	7.7	-3.8	-19.5	-32.1	0.8
10179	ok	0.0	0.3	1.11e-02	11.8	11.8	11.8	11.8	15.1	6.1	-5.3	-18.9	-33.0	2.4
10180	ok	0.0	0.3	9.58e-03	11.8	11.8	11.8	11.8	24.8	9.6	9.4	-16.8	-32.1	6.4
10181	ok	0.0	0.3	8.97e-03	11.8	11.8	11.8	11.8	12.0	6.7	46.4	-18.1	-32.5	8.7
10182	ok	0.0	0.3	1.62e-02	11.8	11.8	11.8	11.8	7.9	42.1	22.2	-14.2	-15.6	-10.1
10183	ok	0.0	0.3	1.68e-02	11.8	11.8	11.8	11.8	-20.2	-76.5	-2.0	8.4	31.8	2.6
10184	ok	0.0	0.3	1.68e-02	11.8	11.8	11.8	11.8	-30.8	-31.8	16.7	8.6	32.9	4.0
10185	ok	0.0	0.3	1.13e-02	11.8	11.8	11.8	11.8	5.8	38.1	22.2	-20.8	-26.7	-6.1
10186	ok	0.0	0.3	1.33e-02	11.8	11.8	11.8	11.8	7.0	45.3	22.3	-18.1	-22.9	-8.7
10187	ok	0.0	0.3	1.21e-02	11.8	11.8	11.8	11.8	5.5	37.2	17.3	-21.3	-30.8	-4.2
10188	ok	0.0	0.3	1.25e-02	11.8	11.8	11.8	11.8	26.2	9.7	31.3	-22.2	-33.3	-1.8
10189	ok	0.0	0.3	1.42e-02	11.8	11.8	11.8	11.8	6.2	42.9	17.4	-18.2	-26.6	-6.2
10190	ok	0.0	0.3	1.46e-02	11.8	11.8	11.8	11.8	27.4	10.4	8.1	-19.4	-28.7	-3.2
10191	ok	0.0	0.3	1.48e-02	11.8	11.8	11.8	11.8	-23.5	21.4	-23.5	31.2	10.1	-11.9
10192	ok	0.0	0.8	1.28e-02	11.8	11.8	11.8	13.1	20.0	-8.3	20.4	-18.5	47.4	-57.1
10193	ok	0.0	0.3	1.53e-02	11.8	11.8	11.8	11.8	25.1	40.4	31.6	-14.5	-13.7	-12.0
10194	ok	0.0	0.5	5.83e-03	11.8	11.8	11.8	11.8	-17.6	-4.7	16.7	-13.3	-58.5	-4.7
10195	ok	0.0	0.3	5.42e-03	11.8	11.8	11.8	11.8	-16.2	-1.3	19.3	4.0	-35.4	-2.2
10196	ok	0.0	0.4	5.72e-03	11.8	11.8	11.8	11.8	-16.9	-3.2	17.9	-7.2	-49.1	-3.4
10197	ok	0.0	0.5	6.20e-03	11.8	11.8	11.8	11.8	-15.0	-12.6	19.1	-12.4	-59.0	-8.0
10198	ok	0.0	0.3	6.15e-03	11.8	11.8	11.8	11.8	-13.9	-10.2	21.8	-4.4	-34.4	-11.1
10199	ok	0.0	0.4	6.15e-03	11.8	11.8	11.8	11.8	-14.6	-11.4	20.5	-9.2	-48.6	-9.1
10200	ok	0.0	0.3	1.52e-02	11.8	11.8	11.8	11.8	28.0	38.3	39.7	-11.4	-10.9	-16.2
10201	ok	0.0	0.3	1.64e-02	11.8	11.8	11.8	11.8	-7.7	-6.5	-8.1	10.4	9.1	-18.0
10202	ok	0.0	0.3	1.58e-02	11.8	11.8	11.8	11.8	-10.3	0.7	-6.8	27.7	5.2	-18.8
10203	ok	0.0	0.3	1.55e-02	11.8	11.8	11.8	11.8	-9.9	4.0	-5.1	37.7	2.7	-12.6
10204	ok	0.0	0.3	1.64e-02	11.8	11.8	11.8	11.8	-80.3	4.5	-36.9	37.6	32.7	1.7
10205	ok	0.0	1.0	1.19e-02	11.8	21.4	24.9	32.6	-62.6	-17.0	-23.0	146.2	237.6	76.5
10206	ok	0.0	0.8	1.18e-02	11.8	11.8	11.8	11.8	-36.8	-29.2	-23.0	-13.5	73.4	-25.6
10207	ok	0.0	0.3	1.12e-02	11.8	11.8	11.8	11.8	18.4	-26.8	-21.2	9.2	22.7	-14.0
10208	ok	0.0	0.2	1.17e-02	11.8	11.8	11.8	11.8	3.9	22.7	27.2	-13.2	-10.6	-8.0
10209	ok	0.0	0.3	1.08e-02	11.8	11.8	11.8	11.8	5.3	35.5	20.7	-19.5	-23.1	-7.3
10210	ok	0.0	0.9	1.48e-02	11.8	11.8	12.9	11.8	29.1	3.2	17.3	59.9	104.8	8.6
10211	ok	0.0	0.5	1.47e-02	11.8	11.8	11.8	11.8	-8.1	-2.4	-5.3	24.3	6.6	-43.0
10212	ok	0.0	0.3	1.48e-02	11.8	11.8	11.8	11.8	58.2	-20.6	14.7	11.4	13.3	-18.5
10213	ok	0.0	0.3	8.03e-03	11.8	11.8	11.8	11.8	30.5	7.5	-26.0	8.7	-22.5	6.2
10215	ok	0.0	0.2	8.71e-03	11.8	11.8	11.8	11.8	17.9	1.5	-11.5	18.4	-20.1	-2.8
10216	ok	0.0	0.3	9.90e-03	11.8	11.8	11.8	11.8	23.4	-1.1	-8.0	32.0	-14.7	-12.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10217	ok	0.0	0.5	1.03e-02	11.8	11.8	11.8	11.8	28.0	1.9	-6.8	38.7	-6.8	-23.7
10219	ok	0.0	0.3	8.65e-03	11.8	11.8	11.8	11.8	9.5	13.5	-19.0	-9.7	-16.0	13.1
10220	ok	0.0	0.2	1.14e-02	11.8	11.8	11.8	11.8	-31.5	0.6	11.3	-5.7	-2.5	-21.9
10221	ok	0.0	0.2	1.08e-02	11.8	11.8	11.8	11.8	-29.4	0.3	6.7	5.8	-6.3	-18.9
10222	ok	0.0	0.2	9.42e-03	11.8	11.8	11.8	11.8	34.3	9.6	-34.1	-6.4	-16.8	9.8
10224	ok	0.0	0.3	7.62e-03	11.8	11.8	11.8	11.8	23.6	3.2	-20.5	14.3	-23.2	10.9
10225	ok	0.0	0.7	9.72e-03	11.8	11.8	11.8	11.8	23.9	1.2	-0.8	73.8	-12.4	-18.6
10226	ok	0.0	0.4	9.25e-03	11.8	11.8	11.8	11.8	21.1	1.7	-7.9	46.5	-21.5	-5.9
10227	ok	0.0	0.2	8.08e-03	11.8	11.8	11.8	11.8	21.4	3.8	-15.2	27.4	-22.6	1.0
10228	ok	0.0	0.2	6.91e-03	11.8	11.8	11.8	11.8	-35.9	7.9	21.1	-8.3	3.0	8.8
10229	ok	0.0	0.2	7.11e-03	11.8	11.8	11.8	11.8	7.6	11.0	-23.0	-6.7	-10.3	13.0
10230	ok	0.0	0.3	7.40e-03	11.8	11.8	11.8	11.8	8.3	10.2	-20.7	-6.9	-14.4	14.2
10231	ok	0.0	0.3	7.54e-03	11.8	11.8	11.8	11.8	8.4	8.5	-20.8	-4.5	-16.6	14.9
10232	ok	0.0	0.2	7.25e-03	11.8	11.8	11.8	11.8	12.0	-1.2	-18.3	-1.7	-10.9	11.0
10233	ok	0.0	0.3	8.03e-03	11.8	11.8	11.8	11.8	26.9	7.9	-37.4	-5.4	-19.8	13.9
10234	ok	0.0	0.3	7.62e-03	11.8	11.8	11.8	11.8	25.2	9.2	-34.8	-5.4	-18.6	13.3
10235	ok	0.0	0.2	7.35e-03	11.8	11.8	11.8	11.8	12.7	-1.3	-10.5	-3.3	-15.4	12.8
10236	ok	0.0	0.3	6.19e-03	11.8	11.8	11.8	11.8	-13.3	-4.3	-4.2	-4.7	31.5	1.7
10237	ok	0.0	0.2	6.51e-03	11.8	11.8	11.8	11.8	-13.3	-3.9	-4.8	-5.3	18.4	5.6
10238	ok	0.0	0.1	6.68e-03	11.8	11.8	11.8	11.8	-32.8	7.6	21.6	-6.8	9.6	7.4
10239	ok	0.0	0.2	6.84e-03	11.8	11.8	11.8	11.8	13.1	8.5	-27.2	15.8	19.6	-2.5
10240	ok	0.0	0.1	7.03e-03	11.8	11.8	11.8	11.8	-34.1	-10.5	20.9	-6.1	9.2	4.7
10241	ok	0.0	0.2	6.95e-03	11.8	11.8	11.8	11.8	-16.2	24.2	-33.1	5.7	9.2	8.9
10242	ok	0.0	0.3	6.15e-03	11.8	11.8	11.8	11.8	-11.5	-4.5	-2.7	-4.8	42.6	-1.5
10243	ok	0.0	0.3	7.07e-03	11.8	11.8	11.8	11.8	10.8	7.9	-25.2	23.0	34.4	-7.0
10244	ok	0.0	0.4	6.42e-03	11.8	11.8	11.8	11.8	-9.0	-5.4	-1.2	-5.3	49.9	3.8
10245	ok	0.0	0.4	6.51e-03	11.8	11.8	11.8	11.8	-5.9	-1.4	-1.2	-4.5	49.5	-1.3
10246	ok	0.0	0.6	7.18e-03	11.8	11.8	11.8	11.8	-22.7	21.0	7.3	44.8	48.5	18.3
10247	ok	0.0	0.6	6.50e-03	11.8	11.8	11.8	11.8	-6.0	-1.6	0.2	19.1	69.6	-12.9
10248	ok	0.0	0.9	3.66e-03	11.8	11.8	11.8	11.8	-8.9	-3.9	-5.1	109.3	7.7	2.1
10249	ok	0.0	0.3	4.20e-03	11.8	11.8	11.8	11.8	-10.2	-3.2	-4.8	24.8	-35.4	-9.7
10250	ok	0.0	0.4	7.07e-03	11.8	11.8	11.8	11.8	14.3	2.4	-15.2	22.8	-28.5	21.6
10251	ok	0.0	0.2	5.85e-03	11.8	11.8	11.8	11.8	-13.3	-4.9	-6.8	6.1	9.8	21.4
10252	ok	0.0	0.7	3.93e-03	11.8	11.8	11.8	11.8	-4.9	-2.5	-3.7	84.6	-13.3	-2.4
10253	ok	0.0	0.4	3.68e-03	11.8	11.8	11.8	11.8	-5.8	-2.9	-4.0	54.1	-26.2	-4.6
10254	ok	0.0	0.3	3.96e-03	11.8	11.8	11.8	11.8	-7.8	-3.1	-4.4	38.5	-33.0	-7.2
10255	ok	0.0	0.3	5.03e-03	11.8	11.8	11.8	11.8	5.7	0.7	-10.3	28.9	-25.8	7.5
10256	ok	0.0	0.3	5.26e-03	11.8	11.8	11.8	11.8	-9.8	-3.2	-4.8	16.9	-36.7	14.1
10257	ok	0.0	0.3	5.67e-03	11.8	11.8	11.8	11.8	-9.7	-3.1	-5.0	15.1	-34.0	21.9
10258	ok	0.0	0.4	6.26e-03	11.8	11.8	11.8	11.8	12.7	9.15e-02	-14.1	24.0	-26.6	22.7
10259	ok	0.0	0.3	6.34e-03	11.8	11.8	11.8	11.8	12.7	1.5	-15.7	20.6	-24.5	19.9
10260	ok	0.0	0.3	6.04e-03	11.8	11.8	11.8	11.8	-7.5	-2.0	-5.8	11.6	-16.9	23.9
10261	ok	0.0	0.2	5.92e-03	11.8	11.8	11.8	11.8	8.3	2.2	-12.6	17.5	-4.1	18.1
10262	ok	0.0	0.4	5.29e-03	11.8	11.8	11.8	11.8	-5.8	-2.5	-4.8	21.0	14.7	28.3
10263	ok	0.0	0.5	5.08e-03	11.8	11.8	11.8	11.8	-11.6	-5.2	-6.2	35.1	17.7	32.7
10264	ok	0.0	0.7	4.63e-03	11.8	11.8	11.8	11.8	-10.6	-4.7	-6.0	77.1	15.4	29.5
10265	ok	0.0	0.8	4.04e-03	11.8	11.8	11.8	11.8	-10.2	-4.3	-5.8	92.0	12.3	21.5
10266	ok	0.0	0.3	5.90e-03	11.8	11.8	11.8	11.8	-7.9	-2.2	-5.6	16.1	-29.2	26.4
10267	ok	0.0	0.3	5.45e-03	11.8	11.8	11.8	11.8	-8.0	-2.8	-5.2	20.9	-29.8	23.7
10268	ok	0.0	0.3	4.97e-03	11.8	11.8	11.8	11.8	-8.1	-3.2	-5.2	30.1	-31.6	16.8
10269	ok	0.0	0.3	4.43e-03	11.8	11.8	11.8	11.8	-8.2	-3.5	-4.9	35.7	-35.2	6.1
10270	ok	0.0	0.3	5.87e-03	11.8	11.8	11.8	11.8	-6.8	-1.8	-5.5	16.2	-20.2	27.3
10271	ok	0.0	0.4	5.25e-03	11.8	11.8	11.8	11.8	-6.6	-3.0	-5.3	34.2	-21.3	24.9
10272	ok	0.0	0.4	4.64e-03	11.8	11.8	11.8	11.8	-6.5	-3.0	-5.2	40.3	-23.8	20.5
10273	ok	0.0	0.4	4.22e-03	11.8	11.8	11.8	11.8	-6.2	-3.1	-4.7	49.8	-27.3	9.7
10274	ok	0.0	0.3	5.42e-03	11.8	11.8	11.8	11.8	-5.8	-2.3	-5.0	17.2	-5.9	27.9
10275	ok	0.0	0.4	5.13e-03	11.8	11.8	11.8	11.8	-5.5	-2.4	-5.3	33.3	-5.9	30.0
10276	ok	0.0	0.5	4.77e-03	11.8	11.8	11.8	11.8	-5.2	-2.8	-4.9	50.5	-7.5	25.6
10277	ok	0.0	0.6	4.25e-03	11.8	11.8	11.8	11.8	-5.0	-2.5	-4.1	72.9	-10.8	13.3
10280	ok	0.0	0.3	4.82e-03	11.8	11.8	11.8	11.8	-13.2	-3.0	-5.1	11.1	-33.2	-11.8
10281	ok	0.0	0.3	6.34e-03	11.8	11.8	11.8	11.8	-41.0	-4.3	-4.0	-10.3	-18.7	-16.3
10282	ok	0.0	0.2	7.64e-03	11.8	11.8	11.8	11.8	-47.7	-4.1	-4.3	-18.6	-10.7	-17.4
10287	ok	0.0	0.7	9.09e-03	11.8	11.8	11.8	11.8	15.9	4.4	-5.4	61.1	-24.2	41.8
10288	ok	0.0	0.4	8.03e-03	11.8	11.8	11.8	11.8	14.7	1.5	-10.3	39.7	-20.4	29.6
10289	ok	0.0	0.4	7.30e-03	11.8	11.8	11.8	11.8	16.6	-0.2	-13.6	32.6	-26.7	23.5
10290	ok	0.0	0.3	8.21e-03	11.8	11.8	11.8	11.8	9.3	1.5	-7.1	18.5	-9.0	31.9
10291	ok	0.0	0.3	7.55e-03	11.8	11.8	11.8	11.8	-45.3	-2.0	-7.9	-11.7	-12.2	20.6
10292	ok	0.0	0.2	7.42e-03	11.8	11.8	11.8	11.8	-44.8	-2.2	-9.3	-15.2	-13.0	9.4
10293	ok	0.0	0.2	7.62e-03	11.8	11.8	11.8	11.8	-49.5	-3.2	-6.3	-21.0	-9.6	-9.0
10294	ok	0.0	0.3	7.24e-03	11.8	11.8	11.8	11.8	12.9	0.6	-8.4	22.4	-16.7	28.7
10295	ok	0.0	0.3	6.80e-03	11.8	11.8	11.8	11.8	9.6	0.7	-10.3	14.1	-17.4	21.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10296	ok	0.0	0.2	6.50e-03	11.8	11.8	11.8	11.8	5.8	0.8	-9.9	10.4	-18.2	14.4
10297	ok	0.0	0.2	6.41e-03	11.8	11.8	11.8	11.8	-41.3	-4.7	-3.5	-11.5	-16.1	-7.8
10298	ok	0.0	0.4	6.79e-03	11.8	11.8	11.8	11.8	14.6	2.2	-13.4	25.5	-24.2	25.1
10299	ok	0.0	0.3	6.21e-03	11.8	11.8	11.8	11.8	10.9	-0.4	-12.9	19.9	-24.5	21.0
10300	ok	0.0	0.3	5.55e-03	11.8	11.8	11.8	11.8	5.8	0.8	-9.9	17.6	-24.5	14.2
10301	ok	0.0	0.3	5.06e-03	11.8	11.8	11.8	11.8	3.8	0.7	-7.8	16.9	-21.9	6.2
10303	ok	0.0	0.4	5.53e-03	11.8	11.8	11.8	11.8	-9.2	-5.0	-3.9	-2.2	46.0	8.5
10305	ok	0.0	1.0	3.44e-03	11.8	14.7	11.8	11.8	-7.2	-3.0	-3.9	144.4	39.6	6.9
10306	ok	0.0	0.3	5.68e-03	11.8	11.8	11.8	11.8	-12.0	-5.3	-5.8	3.1	23.6	19.6
10307	ok	0.0	0.3	5.49e-03	11.8	11.8	11.8	11.8	-10.5	-5.1	-4.9	5.66e-02	36.7	14.7
10308	ok	0.0	0.5	4.98e-03	11.8	11.8	11.8	11.8	-8.2	-5.0	-3.8	11.7	59.8	11.8
10309	ok	0.0	0.8	4.77e-03	11.8	11.8	11.8	11.8	-7.1	-5.1	-3.8	34.6	90.8	16.5
10310	ok	0.0	0.9	4.58e-03	11.8	11.8	11.8	14.3	-6.0	-4.3	-3.8	70.9	121.3	26.0
10312	ok	0.0	0.4	5.31e-03	11.8	11.8	11.8	11.8	-10.9	-5.3	-5.6	16.3	31.3	24.9
10313	ok	0.0	0.6	4.93e-03	11.8	11.8	11.8	11.8	-10.1	-5.3	-5.5	37.2	44.2	32.4
10314	ok	0.0	0.8	4.58e-03	11.8	11.8	11.8	11.8	-9.1	-4.6	-5.4	72.1	47.8	37.1
10315	ok	0.0	0.9	3.97e-03	11.8	14.0	11.8	11.8	-8.4	-3.8	-5.0	113.6	44.3	30.7
10316	ok	0.0	0.5	5.19e-03	11.8	11.8	11.8	11.8	-9.5	-5.1	-4.7	13.9	48.1	19.9
10317	ok	0.0	0.7	4.89e-03	11.8	11.8	11.8	11.8	-8.4	-5.3	-4.7	36.5	71.4	28.4
10318	ok	0.0	0.9	4.65e-03	11.8	11.8	11.8	12.0	-7.5	-4.5	-4.6	73.7	87.6	36.8
10320	ok	0.0	0.2	6.49e-03	11.8	11.8	11.8	11.8	-34.3	-10.5	20.2	-7.8	4.3	11.3
10321	ok	0.0	0.3	5.99e-03	11.8	11.8	11.8	11.8	-10.7	-4.6	-4.0	-9.1	34.9	4.6
10322	ok	0.0	0.2	6.44e-03	11.8	11.8	11.8	11.8	-13.2	-4.7	-5.8	-5.8	15.0	13.1
10323	ok	0.0	0.2	6.13e-03	11.8	11.8	11.8	11.8	-11.9	-4.7	-5.0	-7.5	26.1	9.0
10324	ok	0.0	0.2	6.84e-03	11.8	11.8	11.8	11.8	-34.9	6.0	20.2	-8.2	3.3	9.4
10325	ok	0.0	0.3	6.00e-03	11.8	11.8	11.8	11.8	-11.6	-4.3	-4.1	-8.2	31.1	2.8
10326	ok	0.0	0.1	6.55e-03	11.8	11.8	11.8	11.8	-13.9	-4.2	-5.8	-6.8	11.1	10.6
10327	ok	0.0	0.2	6.42e-03	11.8	11.8	11.8	11.8	-12.6	-4.4	-5.0	-7.4	21.8	6.7
10328	ok	0.0	0.3	7.13e-03	11.8	11.8	11.8	11.8	17.3	1.4	-15.8	25.1	-25.7	13.4
10329	ok	0.0	0.3	6.87e-03	11.8	11.8	11.8	11.8	21.6	0.4	-20.7	11.5	-22.0	15.2
10330	ok	0.0	0.2	6.57e-03	11.8	11.8	11.8	11.8	19.9	1.7	-22.1	8.1	-16.6	15.2
10331	ok	0.0	0.2	6.53e-03	11.8	11.8	11.8	11.8	17.6	3.7	-22.2	7.7	-8.1	14.4
10333	ok	0.0	0.8	9.02e-03	11.8	11.8	11.8	11.8	19.4	3.1	-7.6	88.2	-20.8	11.0
10334	ok	0.0	0.6	8.83e-03	11.8	11.8	11.8	11.8	16.9	2.5	-6.7	55.1	-30.8	16.5
10335	ok	0.0	0.3	7.76e-03	11.8	11.8	11.8	11.8	18.2	2.3	-14.8	32.4	-29.3	13.1
10336	ok	0.0	0.3	7.13e-03	11.8	11.8	11.8	11.8	21.8	2.5	-20.9	9.4	-21.5	12.5
10337	ok	0.0	0.2	6.97e-03	11.8	11.8	11.8	11.8	20.2	3.8	-22.1	5.8	-17.4	12.9
10338	ok	0.0	0.2	6.90e-03	11.8	11.8	11.8	11.8	6.8	1.9	-22.1	-6.8	-8.8	13.5
10339	ok	0.0	0.3	4.08e-03	11.8	11.8	11.8	11.8	1.9	1.41e-02	2.6	-37.5	-15.3	11.2
10340	ok	0.0	0.4	3.56e-03	11.8	11.8	11.8	11.8	-0.2	-1.2	-2.03e-02	39.8	-34.9	21.5
10341	ok	0.0	0.2	4.39e-03	11.8	11.8	11.8	11.8	5.5	-3.7	-27.9	7.5	-21.7	-5.7
10342	ok	0.0	0.2	5.74e-03	11.8	11.8	11.8	11.8	-26.7	-11.8	-23.2	18.3	9.3	2.7
10343	ok	0.0	0.3	4.05e-03	11.8	11.8	11.8	11.8	1.8	-0.1	2.7	-32.9	-20.2	14.3
10344	ok	0.0	0.4	4.02e-03	11.8	11.8	11.8	11.8	1.6	-0.3	2.9	-26.9	-26.1	17.4
10345	ok	0.0	0.4	3.98e-03	11.8	11.8	11.8	11.8	1.5	-0.4	2.9	-19.6	-32.3	20.0
10346	ok	0.0	0.4	3.93e-03	11.8	11.8	11.8	11.8	1.4	-0.6	2.9	-9.7	-38.8	22.1
10347	ok	0.0	0.4	3.89e-03	11.8	11.8	11.8	11.8	-0.2	-0.9	0.5	0.2	-42.6	23.2
10348	ok	0.0	0.4	3.86e-03	11.8	11.8	11.8	11.8	-0.1	-1.0	0.3	11.4	-43.8	23.6
10349	ok	0.0	0.4	3.50e-03	11.8	11.8	11.8	11.8	-0.1	-1.1	0.2	24.4	-41.5	23.0
10350	ok	0.0	0.3	3.81e-03	11.8	11.8	11.8	11.8	-0.4	-1.9	-0.2	35.9	-32.1	9.2
10351	ok	0.0	0.2	3.96e-03	11.8	11.8	11.8	11.8	-0.7	-2.5	-0.2	28.1	-28.7	-0.3
10352	ok	0.0	0.2	4.05e-03	11.8	11.8	11.8	11.8	-1.0	-2.9	-0.2	19.1	-25.6	-5.6
10353	ok	0.0	0.2	4.28e-03	11.8	11.8	11.8	11.8	-1.3	-3.3	-8.31e-02	11.3	-23.6	-6.9
10354	ok	0.0	0.3	4.31e-03	11.8	11.8	11.8	11.8	-1.3	-3.7	0.2	6.9	-32.6	-5.0
10355	ok	0.0	0.3	4.46e-03	11.8	11.8	11.8	11.8	-1.0	-4.0	0.4	7.2	-39.1	-5.1
10356	ok	0.0	0.3	4.58e-03	11.8	11.8	11.8	11.8	-0.8	-4.4	0.5	7.4	-41.0	-5.9
10357	ok	0.0	0.3	4.75e-03	11.8	11.8	11.8	11.8	-0.6	-4.6	0.5	7.7	-38.3	-7.3
10358	ok	0.0	0.3	5.01e-03	11.8	11.8	11.8	11.8	-0.5	-4.8	0.4	7.9	-30.8	-8.6
10359	ok	0.0	0.2	5.28e-03	11.8	11.8	11.8	11.8	21.2	3.0	25.1	-5.4	-26.6	-3.8
10360	ok	0.0	0.2	5.65e-03	11.8	11.8	11.8	11.8	27.0	4.2	23.2	-5.7	-17.3	-3.1
10361	ok	0.0	0.2	5.52e-03	11.8	11.8	11.8	11.8	27.1	4.6	22.7	-13.1	-17.1	0.8
10362	ok	0.0	0.2	5.28e-03	11.8	11.8	11.8	11.8	25.6	4.3	22.8	-17.6	-18.7	3.4
10363	ok	0.0	0.2	4.94e-03	11.8	11.8	11.8	11.8	2.3	-1.4	1.9	-28.1	-17.3	4.0
10364	ok	0.0	0.3	4.52e-03	11.8	11.8	11.8	11.8	2.0	-0.6	2.4	-34.4	-17.5	7.5
10365	ok	0.0	0.3	4.41e-03	11.8	11.8	11.8	11.8	-1.0	-3.5	0.2	8.8	-33.9	-5.1
10366	ok	0.0	0.3	3.98e-03	11.8	11.8	11.8	11.8	-0.8	-3.0	3.93e-02	13.0	-35.5	-2.6
10367	ok	0.0	0.3	3.93e-03	11.8	11.8	11.8	11.8	-0.6	-2.5	1.70e-02	17.9	-37.7	3.1
10368	ok	0.0	0.3	3.75e-03	11.8	11.8	11.8	11.8	-0.3	-1.8	7.36e-02	22.2	-39.9	12.0
10369	ok	0.0	0.3	4.49e-03	11.8	11.8	11.8	11.8	-0.8	-3.7	0.3	6.0	-39.9	-4.1
10370	ok	0.0	0.3	4.48e-03	11.8	11.8	11.8	11.8	-0.7	-3.1	0.2	6.9	-40.9	-0.9
10371	ok	0.0	0.3	4.34e-03	11.8	11.8	11.8	11.8	-0.5	-2.4	0.2	8.7	-42.2	5.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10372	ok	0.0	0.4	4.12e-03	11.8	11.8	11.8	11.8	-0.3	-1.7	0.3	10.5	-43.3	13.5
10373	ok	0.0	0.3	4.60e-03	11.8	11.8	11.8	11.8	-0.7	-3.9	0.4	3.2	-41.6	-4.1
10374	ok	0.0	0.3	4.53e-03	11.8	11.8	11.8	11.8	-0.6	-3.1	0.4	1.2	-42.2	-0.2
10375	ok	0.0	0.4	4.38e-03	11.8	11.8	11.8	11.8	-0.5	-2.4	0.4	0.5	-42.8	5.9
10376	ok	0.0	0.4	4.16e-03	11.8	11.8	11.8	11.8	-0.3	-1.7	0.4	0.3	-43.1	13.9
10377	ok	0.0	0.3	4.73e-03	11.8	11.8	11.8	11.8	-0.6	-3.8	0.3	0.6	-38.5	-5.1
10378	ok	0.0	0.3	4.65e-03	11.8	11.8	11.8	11.8	1.2	-3.5	2.1	-4.9	-39.0	-0.7
10379	ok	0.0	0.3	4.47e-03	11.8	11.8	11.8	11.8	1.3	-2.7	2.5	-7.4	-40.4	6.1
10380	ok	0.0	0.4	4.22e-03	11.8	11.8	11.8	11.8	1.4	-1.6	2.7	-9.0	-40.1	13.6
10381	ok	0.0	0.3	4.94e-03	11.8	11.8	11.8	11.8	1.8	-4.6	2.1	-3.0	-33.4	-4.6
10382	ok	0.0	0.3	4.80e-03	11.8	11.8	11.8	11.8	1.6	-3.3	2.1	-9.8	-34.1	-0.9
10383	ok	0.0	0.3	4.58e-03	11.8	11.8	11.8	11.8	1.6	-2.4	2.5	-13.9	-35.7	5.7
10384	ok	0.0	0.3	4.30e-03	11.8	11.8	11.8	11.8	1.6	-1.5	2.8	-16.7	-35.3	12.6
10385	ok	0.0	0.2	5.20e-03	11.8	11.8	11.8	11.8	20.3	3.3	24.7	-7.9	-26.5	-0.4
10386	ok	0.0	0.2	4.95e-03	11.8	11.8	11.8	11.8	2.0	-3.1	2.0	-14.2	-27.5	-0.7
10387	ok	0.0	0.3	4.68e-03	11.8	11.8	11.8	11.8	2.0	-2.2	2.4	-19.4	-29.8	5.3
10388	ok	0.0	0.3	4.37e-03	11.8	11.8	11.8	11.8	1.8	-1.1	2.6	-24.8	-28.4	10.6
10389	ok	0.0	0.2	5.37e-03	11.8	11.8	11.8	11.8	24.1	4.0	24.5	-10.6	-21.5	-0.5
10390	ok	0.0	0.2	5.11e-03	11.8	11.8	11.8	11.8	22.1	3.4	23.0	-14.9	-22.4	2.9
10391	ok	0.0	0.2	4.79e-03	11.8	11.8	11.8	11.8	2.3	-1.9	2.2	-23.6	-23.5	5.1
10392	ok	0.0	0.3	4.44e-03	11.8	11.8	11.8	11.8	1.9	-0.9	2.5	-30.2	-22.6	9.0
10393	ok	0.0	0.5	3.55e-03	11.8	11.8	11.8	11.8	-0.2	-1.3	-0.2	51.8	-27.4	20.4
10394	ok	0.0	0.2	4.44e-03	11.8	11.8	11.8	11.8	5.4	-3.7	-28.5	7.1	-16.9	-6.0
10395	ok	0.0	0.4	3.81e-03	11.8	11.8	11.8	11.8	-0.5	-2.0	-0.3	46.1	-24.1	6.6
10396	ok	0.0	0.3	3.85e-03	11.8	11.8	11.8	11.8	-0.8	-2.5	-0.5	35.2	-20.1	-3.2
10397	ok	0.0	0.2	4.09e-03	11.8	11.8	11.8	11.8	-1.2	-2.9	-0.4	23.0	-16.7	-8.0
10398	ok	0.0	0.2	4.31e-03	11.8	11.8	11.8	11.8	5.4	-3.8	-28.1	11.6	-17.0	-7.2
10399	ok	0.0	0.6	3.38e-03	11.8	11.8	11.8	11.8	-0.2	-1.5	-0.3	67.0	-15.8	17.9
10400	ok	0.0	0.1	4.51e-03	11.8	11.8	11.8	11.8	6.0	-3.8	-28.3	6.6	-9.3	-6.5
10401	ok	0.0	0.5	3.61e-03	11.8	11.8	11.8	11.8	-0.6	-2.1	-0.6	59.6	-11.7	3.0
10402	ok	0.0	0.4	3.89e-03	11.8	11.8	11.8	11.8	-1.0	-2.6	-0.7	43.6	-7.2	-7.2
10403	ok	0.0	0.3	4.16e-03	11.8	11.8	11.8	11.8	-1.4	-2.8	-0.7	27.1	-4.0	-11.1
10404	ok	0.0	0.2	4.40e-03	11.8	11.8	11.8	11.8	-3.1	1.2	18.9	14.4	11.2	-8.8
10405	ok	0.0	0.8	3.34e-03	11.8	11.8	11.8	11.8	-0.3	-1.9	1.3	88.3	-3.3	19.2
10406	ok	0.0	0.2	4.59e-03	11.8	11.8	11.8	11.8	6.8	4.8	-6.8	7.0	14.1	-8.3
10407	ok	0.0	0.6	3.63e-03	11.8	11.8	11.8	11.8	-0.7	-2.1	-0.9	70.7	2.6	-1.3
10408	ok	0.0	0.4	3.91e-03	11.8	11.8	11.8	11.8	-1.2	-2.4	-1.1	51.1	6.7	-11.1
10409	ok	0.0	0.3	4.21e-03	11.8	11.8	11.8	11.8	-3.3	2.0	18.6	25.5	17.8	-10.9
10410	ok	0.0	0.2	4.43e-03	11.8	11.8	11.8	11.8	-4.0	1.2	18.6	14.8	18.8	-9.8
10412	ok	0.0	0.3	5.15e-03	11.8	11.8	11.8	11.8	-6.2	-5.0	-1.4	-2.2	41.8	-5.7
10413	ok	0.0	0.9	3.37e-03	11.8	12.8	11.8	11.8	-1.1	-2.8	0.9	121.9	26.6	9.8
10414	ok	0.0	1.0	3.70e-03	11.8	14.4	11.8	11.8	-1.3	-2.7	-2.1	120.6	81.6	-27.4
10415	ok	0.0	0.8	4.13e-03	11.8	11.8	11.8	11.8	-3.6	-4.4	-0.9	74.4	78.8	-21.7
10416	ok	0.0	0.6	4.28e-03	11.8	11.8	11.8	11.8	-4.7	-5.1	-1.4	34.6	66.2	-13.3
10417	ok	0.0	0.4	4.60e-03	11.8	11.8	11.8	11.8	-5.3	-4.9	-1.3	11.4	50.5	-9.7
10418	ok	0.0	0.3	5.05e-03	11.8	11.8	11.8	11.8	-5.9	-3.7	18.9	-0.8	30.6	-7.2
10419	ok	0.0	0.3	4.52e-03	11.8	11.8	11.8	11.8	-2.7	-2.5	-1.5	13.2	31.2	-12.7
10420	ok	0.0	0.4	4.28e-03	11.8	11.8	11.8	11.8	-2.1	-2.5	-1.6	33.6	35.5	-17.1
10421	ok	0.0	0.6	3.96e-03	11.8	11.8	11.8	11.8	-1.6	-2.5	-1.6	62.1	37.7	-18.7
10422	ok	0.0	0.8	3.71e-03	11.8	11.8	11.8	11.8	-0.9	-2.3	-1.4	98.8	32.2	-8.0
10424	ok	0.0	0.4	5.37e-03	11.8	11.8	11.8	11.8	-8.2	-4.9	-3.2	-3.3	49.5	2.8
10427	ok	0.0	1.0	4.49e-03	11.8	11.8	11.8	13.0	-5.1	-4.0	-3.0	68.3	131.5	2.7
10428	ok	0.0	0.8	4.61e-03	11.8	11.8	11.8	11.8	-6.2	-5.0	-2.9	32.7	96.4	4.0
10429	ok	0.0	0.5	4.82e-03	11.8	11.8	11.8	11.8	-7.2	-4.9	-3.1	10.5	63.1	3.7
10430	ok	0.0	0.4	5.24e-03	11.8	11.8	11.8	11.8	-7.2	-4.9	-2.4	-3.3	48.1	-2.1
10431	ok	0.0	0.5	4.68e-03	11.8	11.8	11.8	11.8	-3.6	-2.0	-2.4	11.1	59.0	-4.4
10432	ok	0.0	0.7	4.42e-03	11.8	11.8	11.8	11.8	-5.2	-5.1	-1.9	33.8	87.3	-7.3
10433	ok	0.0	0.9	4.27e-03	11.8	11.8	11.8	12.5	-4.4	-4.2	-2.0	70.3	114.0	-15.3
10435	ok	0.0	0.4	4.57e-03	11.8	11.8	11.8	11.8	2.3	0.5	2.1	-49.8	-6.6	5.2
10436	ok	0.0	0.2	6.85e-03	11.8	11.8	11.8	11.8	-28.1	-8.3	-16.5	28.5	8.9	3.2
10437	ok	0.0	0.4	4.12e-03	11.8	11.8	11.8	11.8	2.0	0.1	2.4	-43.9	-12.2	10.3
10438	ok	0.0	0.2	5.99e-03	11.8	11.8	11.8	11.8	-29.1	-13.8	-22.6	24.9	8.9	1.5
10439	ok	0.0	0.2	6.61e-03	11.8	11.8	11.8	11.8	39.7	3.7	21.3	-15.5	-7.8	2.9
10440	ok	0.0	0.2	6.13e-03	11.8	11.8	11.8	11.8	38.1	3.0	18.8	-22.3	-8.6	2.7
10441	ok	0.0	0.3	5.56e-03	11.8	11.8	11.8	11.8	3.4	-0.5	1.5	-34.6	-7.9	3.7
10442	ok	0.0	0.4	5.01e-03	11.8	11.8	11.8	11.8	2.5	2.14e-02	1.8	-44.6	-8.5	3.6
10443	ok	0.0	0.2	5.75e-03	11.8	11.8	11.8	11.8	30.4	5.4	21.8	-13.9	-13.2	2.1
10444	ok	0.0	0.2	5.51e-03	11.8	11.8	11.8	11.8	29.2	4.5	21.5	-19.1	-15.0	3.8
10445	ok	0.0	0.3	5.11e-03	11.8	11.8	11.8	11.8	2.5	-1.0	1.7	-29.8	-13.1	3.7
10446	ok	0.0	0.3	4.64e-03	11.8	11.8	11.8	11.8	2.3	-0.3	2.1	-36.7	-13.4	6.0
10447	ok	0.0	0.3	1.10e-02	11.8	11.8	11.8	11.8	-55.8	-1.8	-10.8	27.1	2.4	9.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10448	ok	0.0	0.2	8.46e-03	11.8	11.8	11.8	11.8	-52.8	-9.1	-21.3	25.4	15.6	8.9
10449	ok	0.0	0.4	4.75e-03	11.8	11.8	11.8	11.8	2.5	0.4	1.6	-50.9	-2.2	3.9
10450	ok	0.0	0.2	8.07e-03	11.8	11.8	11.8	11.8	-47.5	-9.9	-23.6	28.3	16.6	6.3
10451	ok	0.0	0.2	7.98e-03	11.8	11.8	11.8	11.8	-52.6	-5.8	-20.4	10.1	5.3	5.1
10452	ok	0.0	0.2	6.99e-03	11.8	11.8	11.8	11.8	49.3	2.6	15.0	-22.4	-2.7	-0.4
10453	ok	0.0	0.3	1.24e-02	11.8	11.8	11.8	11.8	-42.4	-1.3	-8.8	38.2	-0.4	3.7
10454	ok	0.0	0.6	1.30e-02	11.8	11.8	11.8	11.8	-54.2	5.32e-02	-10.6	77.0	1.3	15.1
10455	ok	0.0	0.2	7.44e-03	11.8	11.8	11.8	11.8	43.4	5.0	18.2	-11.5	-5.5	2.3
10456	ok	0.0	0.2	6.65e-03	11.8	11.8	11.8	11.8	43.1	4.4	18.8	-23.0	-6.8	2.4
10457	ok	0.0	0.3	6.03e-03	11.8	11.8	11.8	11.8	4.2	-6.21e-02	1.4	-34.4	-3.8	2.9
10458	ok	0.0	0.4	5.36e-03	11.8	11.8	11.8	11.8	3.1	0.3	1.6	-45.2	-4.2	1.9
10459	ok	0.0	0.2	8.47e-03	11.8	11.8	11.8	11.8	-8.7	-0.3	-1.7	-27.7	-6.36e-02	-3.9
10460	ok	0.0	0.9	4.18e-03	11.8	12.3	11.8	11.8	-5.2	-9.1	4.3	113.7	58.7	13.6
10461	ok	0.0	0.2	5.77e-03	11.8	11.8	11.8	11.8	-32.0	-8.3	-11.5	28.5	19.2	4.5
10462	ok	0.0	0.5	6.00e-03	11.8	11.8	11.8	11.8	-16.3	-8.5	17.9	-11.9	-59.2	-6.9
10463	ok	0.0	0.3	1.15e-02	11.8	11.8	11.8	11.8	-29.9	-1.1	-5.8	-39.1	-3.1	-12.8
10464	ok	0.0	0.1	5.61e-03	11.8	11.8	11.8	11.8	38.5	-0.4	7.2	-5.9	-5.5	-6.9
10465	ok	0.0	0.4	4.84e-03	11.8	11.8	11.8	11.8	9.1	0.4	1.9	-47.0	-1.3	-4.1
10466	ok	0.0	0.6	4.18e-03	11.8	11.8	11.8	11.8	-0.9	-8.5	-2.4	66.4	-14.8	22.8
10467	ok	0.0	0.3	4.72e-03	11.8	11.8	11.8	11.8	-3.6	-5.8	-2.9	24.1	1.6	17.2
10468	ok	0.0	0.7	6.98e-03	11.8	11.8	11.8	11.8	-10.2	-0.7	-1.2	77.7	3.9	15.2
10469	ok	0.0	7.86e-02	1.21e-02	11.8	11.8	11.8	11.8	-37.2	-1.2	-7.3	4.9	-1.8	-4.3
10470	ok	0.0	0.2	1.18e-02	11.8	11.8	11.8	11.8	-32.9	-1.2	-6.4	-21.0	-2.7	-9.6
10471	ok	0.0	0.3	6.09e-03	11.8	11.8	11.8	11.8	5.6	0.2	1.1	-31.6	-0.4	-5.0
10472	ok	0.0	0.5	4.68e-03	11.8	11.8	11.8	11.8	3.3	1.61e-02	1.1	-58.0	-8.4	-8.6
10473	ok	0.0	0.3	5.75e-03	11.8	11.8	11.8	11.8	-15.2	-5.4	20.8	2.4	-35.2	-7.8
10474	ok	0.0	0.3	8.91e-03	11.8	11.8	11.8	11.8	-11.2	-0.4	-2.2	-42.7	-0.9	-7.7
10475	ok	0.0	0.4	5.91e-03	11.8	11.8	11.8	11.8	-15.8	-7.1	19.3	-6.9	-49.3	-7.0
10476	ok	0.0	0.5	6.54e-03	11.8	11.8	11.8	11.8	-12.5	-20.5	20.4	-15.6	-57.5	-6.8
10477	ok	0.0	0.5	8.93e-03	11.8	11.8	11.8	11.8	-2.5	-61.6	12.4	-2.5	-63.9	13.7
10478	ok	0.0	0.5	4.71e-03	11.8	11.8	11.8	11.8	3.5	-7.5	-4.0	54.6	-9.8	-0.8
10479	ok	0.0	0.5	4.04e-03	11.8	11.8	11.8	11.8	-13.9	-5.8	-12.2	27.1	-56.5	14.1
10480	ok	0.0	0.2	6.09e-03	11.8	11.8	11.8	11.8	8.4	0.2	1.4	17.0	1.4	5.3
10481	ok	0.0	0.2	4.63e-03	11.8	11.8	11.8	11.8	1.1	-5.9	-3.2	21.4	-8.5	-5.2
10482	ok	0.0	0.1	4.36e-03	11.8	11.8	11.8	11.8	28.2	-3.1	5.9	-8.6	-11.8	-5.1
10483	ok	0.0	0.2	4.34e-03	11.8	11.8	11.8	11.8	1.9	-2.0	-1.3	-23.1	-11.5	-7.9
10484	ok	0.0	0.5	5.24e-03	11.8	11.8	11.8	11.8	-21.5	1.5	11.7	-28.7	-59.7	-2.3
10485	ok	0.0	0.4	4.91e-03	11.8	11.8	11.8	11.8	3.2	0.3	1.7	-43.1	-3.8	-4.3
10486	ok	0.0	0.2	5.12e-03	11.8	11.8	11.8	11.8	6.4	0.3	2.3	-25.8	0.3	0.1
10487	ok	0.0	0.1	5.51e-03	11.8	11.8	11.8	11.8	6.0	0.6	2.8	-4.4	4.4	3.8
10488	ok	0.0	0.3	6.42e-03	11.8	11.8	11.8	11.8	0.4	2.2	3.9	26.4	10.2	5.2
10489	ok	0.0	0.8	1.50e-02	11.8	11.8	11.8	11.8	-28.7	-86.4	-27.9	10.9	105.6	-11.4
10490	ok	0.0	0.5	9.43e-03	11.8	11.8	11.8	11.8	-22.3	-2.6	-8.9	-47.9	-15.0	-22.0
10491	ok	0.0	0.4	4.83e-03	11.8	11.8	11.8	11.8	-15.9	-9.1	-13.0	30.6	-47.7	3.3
10492	ok	0.0	0.4	4.92e-03	11.8	11.8	11.8	11.8	-15.3	-8.9	-14.8	18.0	-44.3	-3.6
10493	ok	0.0	1.0	1.08e-02	11.8	11.8	11.8	25.1	3.1	-61.2	-4.76e-02	10.0	212.3	-29.1
10494	ok	0.0	0.3	5.01e-03	11.8	11.8	11.8	11.8	8.5	0.4	2.0	-31.2	0.8	0.9
10495	ok	0.0	0.5	4.99e-03	11.8	11.8	11.8	11.8	-23.8	2.4	9.0	-36.7	-59.2	-4.5
10496	ok	0.0	0.4	4.07e-03	11.8	11.8	11.8	11.8	-12.8	-6.8	-14.1	19.6	-54.3	8.1
10501	ok	0.0	0.4	3.86e-03	11.8	11.8	11.8	11.8	-9.7	-2.9	-4.9	26.2	-37.8	-20.8
10502	ok	0.0	0.4	3.64e-03	11.8	11.8	11.8	11.8	-8.9	-2.7	-5.0	25.8	-40.3	-30.2
10503	ok	0.0	0.5	3.30e-03	11.8	11.8	11.8	11.8	-7.7	-2.4	-4.9	23.5	-42.5	-36.4
10504	ok	0.0	0.5	2.81e-03	11.8	11.8	11.8	11.8	-6.4	-1.9	-4.5	18.7	-44.2	-39.7
10505	ok	0.0	0.4	5.04e-03	11.8	11.8	11.8	11.8	-28.2	5.7	2.8	-43.5	-46.7	4.8
10506	ok	0.0	0.4	5.08e-03	11.8	11.8	11.8	11.8	-28.3	5.3	1.7	-38.2	-44.7	8.5
10507	ok	0.0	0.5	4.91e-03	11.8	11.8	11.8	11.8	-25.9	3.3	6.8	-43.1	-55.6	-5.4
10508	ok	0.0	0.3	7.61e-03	11.8	11.8	11.8	11.8	-46.7	-1.6	-14.0	-13.5	-12.7	-29.3
10509	ok	0.0	0.4	8.97e-03	11.8	11.8	11.8	11.8	-44.9	0.9	-16.4	-1.8	-11.7	-46.2
10510	ok	0.0	0.5	8.76e-03	11.8	11.8	11.8	11.8	-15.7	-1.3	-7.8	23.3	-16.3	-54.5
10511	ok	0.0	0.5	9.70e-03	11.8	11.8	11.8	11.8	-54.8	-11.1	-22.3	32.3	-25.1	-50.6
10512	ok	0.0	0.5	5.08e-03	11.8	11.8	11.8	11.8	-22.6	4.1	10.2	-33.8	-56.8	-0.7
10513	ok	0.0	0.3	1.51e-03	11.8	11.8	11.8	11.8	2.75e-03	4.4	0.5	2.5	-16.8	-22.7
10514	ok	0.0	0.5	1.07e-02	11.8	11.8	11.8	11.8	-45.0	-2.6	-12.1	31.6	-5.6	-52.3
10515	ok	0.0	0.3	6.39e-03	11.8	11.8	11.8	11.8	-19.2	-1.8	-5.8	2.4	-26.9	-27.9
10516	ok	0.0	0.4	6.40e-03	11.8	11.8	11.8	11.8	-19.1	-1.8	-7.0	11.5	-29.1	-39.9
10517	ok	0.0	0.5	6.33e-03	11.8	11.8	11.8	11.8	-34.4	-3.5	-16.9	20.4	-33.2	-45.7
10518	ok	0.0	0.5	5.63e-03	11.8	11.8	11.8	11.8	-28.0	-5.3	-16.6	23.9	-35.1	-45.3
10519	ok	0.0	0.5	5.18e-03	11.8	11.8	11.8	11.8	-1.5	-36.1	7.3	-1.5	-62.7	10.5
10520	ok	0.0	0.3	5.87e-03	11.8	11.8	11.8	11.8	-0.5	-6.3	4.5	2.1	-41.9	-8.92e-02
10521	ok	0.0	0.4	7.71e-03	11.8	11.8	11.8	11.8	-2.0	-57.7	3.0	7.9	44.2	-15.1
10522	ok	0.0	0.4	4.74e-03	11.8	11.8	11.8	11.8	-12.9	-2.6	-5.5	13.7	-35.0	-23.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10523	ok	0.0	0.4	4.62e-03	11.8	11.8	11.8	11.8	-12.2	-2.4	-6.0	16.9	-37.5	-32.6
10524	ok	0.0	0.5	4.38e-03	11.8	11.8	11.8	11.8	-11.0	-2.5	-6.3	18.9	-40.3	-38.1
10525	ok	0.0	0.5	3.92e-03	11.8	11.8	11.8	11.8	-9.4	-2.5	-6.2	17.4	-42.2	-40.1
10526	ok	0.0	0.6	7.67e-03	11.8	11.8	11.8	11.8	-18.2	-55.9	-9.8	11.9	76.9	-1.0
10527	ok	0.0	0.3	5.34e-03	11.8	11.8	11.8	11.8	-3.0	-7.9	4.0	1.8	-40.4	-0.4
10528	ok	0.0	0.3	6.17e-03	11.8	11.8	11.8	11.8	-3.2	-46.1	-6.0	6.8	41.8	-14.0
10529	ok	0.0	0.4	2.45e-03	11.8	11.8	11.8	11.8	-12.2	-16.7	1.6	3.9	49.1	-3.8
10530	ok	0.0	0.3	4.04e-03	11.8	11.8	11.8	11.8	-7.5	-10.6	4.2	3.1	-36.4	0.8
10531	ok	0.0	0.3	3.52e-03	11.8	11.8	11.8	11.8	-10.4	-23.6	-3.7	4.4	38.6	-8.4
10532	ok	0.0	0.9	3.28e-03	11.8	12.7	11.8	11.8	-8.0	-3.0	-3.9	109.8	7.5	-21.5
10533	ok	0.0	0.8	3.04e-03	11.8	11.8	11.8	11.8	-6.8	-2.0	-3.2	86.1	5.5	-32.9
10534	ok	0.0	0.6	2.55e-03	11.8	11.8	11.8	11.8	-1.9	-0.6	-1.5	55.7	-2.8	-36.8
10535	ok	0.0	0.4	2.04e-03	11.8	11.8	11.8	11.8	-1.1	0.7	-0.8	31.9	-8.4	-35.1
10536	ok	0.0	0.3	1.74e-03	11.8	11.8	11.8	11.8	-0.6	2.2	-0.2	15.5	-17.5	-33.0
10537	ok	0.0	0.4	3.41e-03	11.8	11.8	11.8	11.8	-11.3	-14.0	9.3	10.1	47.9	-6.0
10538	ok	0.0	0.3	6.91e-03	11.8	11.8	11.8	11.8	-11.8	-19.4	23.3	-16.0	-32.1	-10.2
10539	ok	0.0	0.3	3.48e-03	11.8	11.8	11.8	11.8	-7.3	-2.9	-4.3	38.7	-35.7	-19.0
10540	ok	0.0	0.4	3.05e-03	11.8	11.8	11.8	11.8	-6.5	-2.6	-4.1	35.6	-38.0	-28.9
10541	ok	0.0	0.4	2.61e-03	11.8	11.8	11.8	11.8	-5.5	-2.1	-3.8	29.6	-39.9	-35.7
10542	ok	0.0	0.5	2.18e-03	11.8	11.8	11.8	11.8	-4.3	-1.3	-3.2	21.7	-42.0	-39.4
10543	ok	0.0	0.5	1.74e-03	11.8	11.8	11.8	11.8	-2.9	0.3	-2.3	12.3	-44.7	-40.8
10544	ok	0.0	0.3	3.56e-03	11.8	11.8	11.8	11.8	-15.1	-7.8	3.4	7.4	-33.8	-1.9
10545	ok	0.0	0.3	4.65e-03	11.8	11.8	11.8	11.8	-2.2	-19.6	3.4	19.3	41.6	0.2
10546	ok	0.0	0.5	3.24e-03	11.8	11.8	11.8	11.8	-5.4	-2.7	-3.7	53.9	-28.7	-17.6
10547	ok	0.0	0.5	2.83e-03	11.8	11.8	11.8	11.8	-4.7	-2.3	-3.4	47.2	-30.7	-28.5
10548	ok	0.0	0.4	2.44e-03	11.8	11.8	11.8	11.8	-3.9	-1.6	-2.9	36.8	-32.5	-35.6
10549	ok	0.0	0.4	2.07e-03	11.8	11.8	11.8	11.8	-2.9	-0.6	-2.2	25.3	-35.2	-38.8
10550	ok	0.0	0.5	1.71e-03	11.8	11.8	11.8	11.8	-2.0	0.9	-1.5	14.8	-38.8	-39.4
10551	ok	0.0	1.0	6.94e-03	28.7	41.5	60.2	52.7	-28.3	-42.3	-29.9	242.3	347.5	160.8
10552	ok	0.0	0.3	3.67e-03	11.8	11.8	11.8	11.8	-20.8	-22.8	1.5	34.7	-19.8	-7.7
10553	ok	0.0	0.6	3.35e-03	11.8	11.8	11.8	11.8	-4.5	-2.5	-3.4	76.8	-18.2	-16.3
10554	ok	0.0	0.6	2.70e-03	11.8	11.8	11.8	11.8	-3.4	-1.7	-2.6	60.7	-16.5	-28.9
10555	ok	0.0	0.5	2.37e-03	11.8	11.8	11.8	11.8	-2.6	-1.1	-2.1	45.1	-19.7	-35.6
10556	ok	0.0	0.4	2.05e-03	11.8	11.8	11.8	11.8	-1.9	3.88e-02	-1.5	28.9	-24.2	-37.8
10557	ok	0.0	0.4	1.72e-03	11.8	11.8	11.8	11.8	-1.2	1.6	-0.7	15.6	-29.7	-37.2
10558	ok	0.0	0.9	5.30e-03	11.8	14.9	16.3	11.8	-16.0	-3.1	-5.6	74.5	-91.1	39.4
10559	ok	0.0	0.9	7.75e-03	11.8	11.8	11.8	19.4	1.6	5.6	-30.3	32.7	137.3	57.5
10560	ok	0.0	0.7	4.85e-03	11.8	11.8	11.8	11.8	-12.2	-34.9	-5.1	33.1	43.3	12.6
10561	ok	0.0	0.3	3.74e-03	11.8	11.8	11.8	11.8	-15.7	-0.3	2.1	12.0	-40.7	-2.2
10562	ok	0.0	0.3	6.34e-03	11.8	11.8	11.8	11.8	-35.4	-24.2	-5.3	15.8	28.3	-13.0
10564	ok	0.0	1.0	2.41e-03	11.8	12.4	11.8	14.7	-2.6	7.70e-02	0.2	107.1	131.3	-18.8
10565	ok	0.0	0.7	2.37e-03	11.8	11.8	11.8	11.8	-1.7	2.2	0.8	60.4	86.5	-9.8
10566	ok	0.0	0.4	2.12e-03	11.8	11.8	11.8	11.8	-1.0	4.1	1.4	30.8	44.4	-4.4
10567	ok	0.0	0.2	1.89e-03	11.8	11.8	11.8	11.8	-1.2	11.5	8.3	10.6	18.3	-4.1
10568	ok	0.0	0.1	1.55e-03	11.8	11.8	11.8	11.8	0.8	-2.1	-5.8	-5.2	-10.3	3.5
10569	ok	0.0	0.3	4.28e-03	11.8	11.8	11.8	11.8	-27.7	-6.1	3.1	8.8	-25.0	-16.1
10570	ok	0.0	0.9	3.06e-03	11.8	15.6	11.8	11.8	-6.1	-2.2	-3.1	137.1	37.8	-22.7
10571	ok	0.0	0.9	2.97e-03	11.8	13.4	11.8	11.8	-4.6	-1.1	-2.2	100.4	36.2	-36.7
10572	ok	0.0	0.7	2.56e-03	11.8	11.8	11.8	11.8	-3.5	0.7	-1.0	62.0	27.3	-35.7
10573	ok	0.0	0.4	2.14e-03	11.8	11.8	11.8	11.8	-2.4	2.7	-5.00e-02	33.4	11.5	-29.9
10574	ok	0.0	0.3	1.79e-03	11.8	11.8	11.8	11.8	-0.2	2.7	0.1	14.3	-3.6	-25.9
10575	ok	0.0	0.3	5.38e-03	11.8	11.8	11.8	11.8	-34.3	-13.1	-9.2	21.7	20.3	-11.3
10576	ok	0.0	1.0	2.74e-03	11.8	19.6	11.8	11.8	-4.6	-1.5	-2.0	168.2	90.8	-30.0
10577	ok	0.0	1.0	2.75e-03	11.8	14.2	11.8	11.8	-3.3	-0.3	-1.0	109.0	81.3	-36.3
10578	ok	0.0	0.7	2.45e-03	11.8	11.8	11.8	11.8	-2.4	1.5	2.02e-02	63.0	60.5	-28.0
10579	ok	0.0	0.4	2.14e-03	11.8	11.8	11.8	11.8	-1.6	3.5	0.8	32.8	30.5	-19.8
10580	ok	0.0	0.2	1.85e-03	11.8	11.8	11.8	11.8	-0.9	6.3	1.5	12.3	10.3	-15.4
10581	ok	0.0	0.9	8.22e-03	11.8	12.8	12.7	17.7	-31.9	-17.7	6.3	24.4	140.1	-41.0
10582	ok	0.0	0.8	5.54e-03	11.8	11.8	11.8	11.8	-25.3	-25.5	-16.7	81.4	89.2	12.8
10584	ok	0.0	1.0	2.46e-03	11.8	11.8	11.8	15.8	-1.7	0.4	0.6	105.2	146.7	14.0
10585	ok	0.0	0.8	2.46e-03	11.8	11.8	11.8	11.8	-1.0	2.9	1.0	57.2	93.7	12.8
10586	ok	0.0	0.5	2.14e-03	11.8	11.8	11.8	11.8	-0.6	4.8	1.6	29.8	48.1	12.4
10587	ok	0.0	0.2	1.94e-03	11.8	11.8	11.8	11.8	5.37e-02	7.6	1.7	10.9	20.5	12.2
10588	ok	0.0	0.1	1.61e-03	11.8	11.8	11.8	11.8	0.8	-2.4	-6.5	-3.2	-6.5	10.5
10589	ok	0.0	0.4	3.50e-03	11.8	11.8	11.8	11.8	-18.3	-16.2	1.1	22.2	-20.6	-22.7
10590	ok	0.0	0.3	5.97e-03	11.8	11.8	11.8	11.8	-23.8	-1.8	-0.3	-16.6	-6.6	-20.6
10591	ok	0.0	0.3	5.58e-03	11.8	11.8	11.8	11.8	-29.3	-2.9	-3.4	-21.8	-8.0	-25.2
10592	ok	0.0	1.0	3.08e-03	11.8	18.4	11.8	13.0	-1.1	-0.6	1.4	134.3	81.9	51.9
10593	ok	0.0	1.0	3.07e-03	11.8	15.4	11.8	12.2	-0.9	0.9	1.5	103.9	71.6	53.8
10594	ok	0.0	0.9	2.75e-03	11.8	11.8	11.8	11.8	-0.3	3.2	1.8	59.8	51.7	51.6
10595	ok	0.0	0.6	2.35e-03	11.8	11.8	11.8	11.8	-0.1	6.0	2.2	32.3	30.1	44.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10596	ok	0.0	0.4	2.03e-03	11.8	11.8	11.8	11.8	2.24e-02	7.8	2.4	12.4	8.0	37.3
10597	ok	0.0	0.3	1.71e-03	11.8	11.8	11.8	11.8	8.36e-02	10.6	2.4	-0.5	-9.5	33.7
10598	ok	0.0	0.4	5.05e-03	11.8	11.8	11.8	11.8	-28.4	-5.4	-0.9	-23.5	-22.1	-26.1
10599	ok	0.0	1.0	3.52e-03	12.7	11.8	11.8	27.6	-1.1	32.6	2.9	76.6	169.9	39.7
10600	ok	0.0	1.0	2.79e-03	11.8	15.6	11.8	16.1	-1.3	0.7	1.2	112.2	117.4	46.8
10601	ok	0.0	0.8	2.64e-03	11.8	11.8	11.8	11.8	-0.8	3.1	1.4	56.5	79.4	33.3
10602	ok	0.0	0.6	2.35e-03	11.8	11.8	11.8	11.8	-0.3	5.6	2.0	33.9	45.7	32.5
10603	ok	0.0	0.3	1.92e-03	11.8	11.8	11.8	11.8	-2.26e-02	7.7	2.2	11.0	17.1	25.6
10604	ok	0.0	0.2	1.65e-03	11.8	11.8	11.8	11.8	0.8	-2.0	-7.0	-2.8	-8.8	18.0
10605	ok	0.0	0.5	4.90e-03	11.8	11.8	11.8	11.8	-23.3	-1.1	8.8	-33.1	-61.1	-9.3
10606	ok	0.0	0.4	6.16e-03	11.8	11.8	11.8	11.8	-26.8	-0.4	-3.5	-34.5	-8.7	-24.9
10607	ok	0.0	0.5	5.54e-03	11.8	11.8	11.8	11.8	-30.8	-2.0	-7.41e-02	-39.8	-25.0	-24.4
10608	ok	0.0	0.8	3.37e-03	11.8	11.8	11.8	11.8	-0.2	-0.5	2.0	86.9	-9.2	35.2
10609	ok	0.0	0.7	3.17e-03	11.8	11.8	11.8	11.8	0.2	1.3	1.95e-02	55.2	-15.9	58.4
10610	ok	0.0	0.4	3.77e-04	11.8	11.8	11.8	11.8	-0.5	0.8	1.0	18.1	18.4	22.7
10611	ok	0.0	0.6	2.52e-03	11.8	11.8	11.8	11.8	0.3	3.3	7.65e-02	26.2	-22.4	59.9
10612	ok	0.0	0.5	2.00e-03	11.8	11.8	11.8	11.8	0.3	4.3	0.3	13.6	-24.4	53.9
10613	ok	0.0	0.6	1.77e-03	11.8	11.8	11.8	11.8	0.2	5.7	0.3	5.3	-31.6	51.4
10614	ok	0.0	0.7	1.42e-03	11.8	11.8	11.8	11.8	0.1	8.4	0.2	-2.2	-50.1	52.6
10615	ok	0.0	0.9	3.47e-03	11.8	15.5	11.8	11.8	-0.6	-1.0	1.5	119.4	22.6	38.7
10616	ok	0.0	0.9	3.10e-03	11.8	13.9	11.8	11.8	-0.5	0.7	2.4	89.2	25.1	53.1
10617	ok	0.0	0.8	2.78e-03	11.8	11.8	11.8	11.8	-1.87e-02	3.5	2.1	56.1	14.9	59.1
10618	ok	0.0	0.6	2.41e-03	11.8	11.8	11.8	11.8	0.1	6.2	2.3	30.4	4.5	55.5
10619	ok	0.0	0.4	2.03e-03	11.8	11.8	11.8	11.8	0.3	4.2	0.3	13.6	-9.0	47.3
10620	ok	0.0	0.5	1.75e-03	11.8	11.8	11.8	11.8	0.2	5.6	0.4	2.1	-21.2	43.7
10621	ok	0.0	0.4	5.93e-03	11.8	11.8	11.8	11.8	-30.5	-1.0	-1.9	-39.2	-14.2	-25.1
10622	ok	0.0	0.3	5.51e-03	11.8	11.8	11.8	11.8	7.6	0.3	1.5	-35.8	-2.0	-9.5
10623	ok	0.0	0.7	3.27e-03	11.8	11.8	11.8	11.8	-3.59e-02	-0.6	-8.02e-02	71.6	-18.5	36.2
10624	ok	0.0	0.6	3.25e-03	11.8	11.8	11.8	11.8	0.2	0.5	2.80e-02	56.9	-28.5	48.0
10625	ok	0.0	0.6	2.85e-03	11.8	11.8	11.8	11.8	0.3	1.9	0.1	39.1	-28.2	58.9
10626	ok	0.0	0.6	2.49e-03	11.8	11.8	11.8	11.8	0.3	3.3	5.55e-02	20.1	-37.1	62.4
10627	ok	0.0	0.6	2.16e-03	11.8	11.8	11.8	11.8	0.3	4.6	0.3	17.5	-31.7	59.1
10628	ok	0.0	0.6	1.73e-03	11.8	11.8	11.8	11.8	0.2	5.8	0.2	4.5	-39.0	54.4
10629	ok	0.0	0.8	1.38e-03	11.8	11.8	11.8	11.8	0.1	8.7	0.2	-0.9	-56.1	56.4
10630	ok	0.0	0.5	6.42e-03	11.8	11.8	11.8	11.8	-34.2	0.9	0.3	-60.7	-26.6	-19.9
10631	ok	0.0	0.5	3.27e-03	11.8	11.8	11.8	11.8	5.25e-03	-0.4	1.79e-02	49.7	-29.7	33.7
10632	ok	0.0	0.6	2.93e-03	11.8	11.8	11.8	11.8	0.2	0.6	0.2	43.2	-37.5	49.6
10633	ok	0.0	0.6	2.70e-03	11.8	11.8	11.8	11.8	0.3	2.4	0.1	26.3	-42.1	62.4
10634	ok	0.0	0.7	2.41e-03	11.8	11.8	11.8	11.8	0.4	3.1	0.1	20.3	-43.1	64.6
10635	ok	0.0	0.7	2.20e-03	11.8	11.8	11.8	11.8	0.3	4.7	0.2	11.4	-46.8	62.7
10636	ok	0.0	0.7	1.72e-03	11.8	11.8	11.8	11.8	0.2	5.8	0.2	5.1	-44.8	57.3
10637	ok	0.0	0.7	1.39e-03	11.8	11.8	11.8	11.8	8.73e-02	7.3	0.3	3.1	-48.6	55.4
10638	ok	0.0	0.6	6.80e-03	11.8	11.8	11.8	11.8	-33.5	0.5	-1.7	-62.2	-17.6	-23.0
10639	ok	0.0	0.4	3.23e-03	11.8	11.8	11.8	11.8	1.58e-02	-0.3	0.1	38.1	-37.0	33.9
10640	ok	0.0	0.5	2.99e-03	11.8	11.8	11.8	11.8	0.1	0.7	0.3	38.7	-36.6	47.3
10641	ok	0.0	0.7	2.55e-03	11.8	11.8	11.8	11.8	0.2	1.8	0.2	23.5	-48.8	58.2
10642	ok	0.0	0.7	2.48e-03	11.8	11.8	11.8	11.8	0.7	5.6	2.5	16.4	-47.7	64.3
10643	ok	0.0	0.8	2.19e-03	11.8	11.8	11.9	11.8	0.3	4.7	8.64e-02	6.4	-55.5	66.7
10644	ok	0.0	0.8	1.80e-03	11.8	11.8	11.8	11.8	0.1	5.8	0.2	7.2	-50.4	64.3
10645	ok	0.0	0.8	1.43e-03	11.8	11.8	11.8	11.8	4.52e-02	7.4	0.2	6.6	-52.3	62.8
10646	ok	0.0	1.0	2.45e-03	111.2	112.8	182.7	193.6	2.7	27.8	-18.2	477.8	810.1	-422.9
10647	ok	0.0	1.0	1.09e-03	11.8	28.6	11.8	30.0	-5.0	17.6	-0.7	130.7	264.7	27.8
10648	ok	0.0	0.9	8.87e-04	11.8	11.8	11.8	11.8	-0.7	14.6	3.76e-02	55.6	65.1	48.4
10649	ok	0.0	0.7	1.05e-03	11.8	11.8	11.8	11.8	-0.1	13.9	0.3	33.4	18.4	61.3
10650	ok	0.0	0.6	1.03e-03	11.8	11.8	11.8	11.8	-4.37e-02	9.3	-9.51e-02	18.2	-17.3	66.1
10651	ok	0.0	0.7	9.84e-04	11.8	11.8	11.8	11.8	3.42e-02	9.6	-6.93e-02	10.5	-38.4	71.0
10652	ok	0.0	1.0	5.76e-03	11.8	11.8	11.8	11.8	-7.6	-3.6	-2.1	105.1	8.0	16.7
10653	ok	0.0	0.5	6.30e-03	11.8	11.8	11.8	11.8	-31.9	5.79e-02	-1.5	-52.1	-17.0	-24.5
10654	ok	0.0	0.4	3.64e-03	11.8	11.8	11.8	11.8	1.7	0.5	2.7	-37.5	-10.9	15.0
10655	ok	0.0	0.4	3.21e-03	11.8	11.8	11.8	11.8	-1.2	0.4	0.8	-35.2	-4.3	18.4
10656	ok	0.0	0.3	2.82e-03	11.8	11.8	11.8	11.8	1.6	1.4	2.0	-30.6	6.4	20.4
10657	ok	0.0	0.3	2.42e-03	11.8	11.8	11.8	11.8	-1.0	1.5	-0.1	-24.1	18.8	23.3
10658	ok	0.0	0.4	2.04e-03	11.8	11.8	11.8	11.8	1.8	3.9	0.7	-5.9	41.9	24.1
10659	ok	0.0	0.7	1.78e-03	11.8	11.8	11.8	11.8	1.4	10.5	0.9	15.8	78.8	23.1
10660	ok	0.0	1.0	2.71e-03	14.4	16.8	28.8	39.7	1.5	2.9	6.5	73.6	327.6	55.4
10661	ok	0.0	0.5	3.21e-03	11.8	11.8	11.8	11.8	2.55e-02	-0.2	0.3	24.2	-42.0	34.3
10662	ok	0.0	0.5	2.98e-03	11.8	11.8	11.8	11.8	0.1	0.7	0.3	20.9	-42.6	44.5
10663	ok	0.0	0.7	2.61e-03	11.8	11.8	11.8	11.8	1.0	3.7	2.5	14.9	-50.2	58.6
10664	ok	0.0	0.8	2.38e-03	11.8	11.8	11.8	11.8	0.3	3.6	0.1	9.9	-51.0	66.8
10665	ok	0.0	0.8	2.05e-03	11.8	11.8	11.8	11.8	0.3	4.4	6.43e-02	8.2	-52.1	67.6
10666	ok	0.0	0.8	1.83e-03	11.8	11.8	12.0	11.8	0.3	5.9	5.66e-02	6.6	-53.7	69.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10667	ok	0.0	0.8	1.43e-03	11.8	11.8	12.2	11.8	0.2	7.5	0.2	7.6	-55.7	68.8
10668	ok	0.0	0.5	3.58e-03	11.8	11.8	11.8	11.8	1.19e-03	-0.2	0.4	11.2	-43.5	33.8
10669	ok	0.0	0.6	3.27e-03	11.8	11.8	11.8	11.8	0.1	0.7	0.4	9.6	-43.1	43.2
10670	ok	0.0	0.6	2.99e-03	11.8	11.8	11.8	11.8	0.2	1.8	0.4	12.2	-41.3	54.4
10671	ok	0.0	0.8	2.62e-03	11.8	11.8	11.8	11.8	0.3	3.1	0.2	1.7	-52.8	65.0
10672	ok	0.0	0.8	2.06e-03	11.8	11.8	11.8	11.8	1.0	7.5	1.9	5.6	-47.4	69.2
10673	ok	0.0	0.8	2.04e-03	11.8	11.8	11.8	11.8	0.2	5.9	1.64e-02	8.0	-49.8	69.9
10674	ok	0.0	0.8	1.41e-03	11.8	11.8	11.8	11.8	0.2	7.5	2.04e-02	9.2	-50.9	69.8
10675	ok	0.0	0.5	3.60e-03	11.8	11.8	11.8	11.8	-4.72e-02	-0.2	0.5	0.1	-41.2	32.5
10676	ok	0.0	0.5	3.31e-03	11.8	11.8	11.8	11.8	8.53e-02	0.7	0.5	0.6	-39.0	41.7
10677	ok	0.0	0.6	3.04e-03	11.8	11.8	11.8	11.8	0.1	1.6	0.4	-0.4	-38.0	49.6
10678	ok	0.0	0.6	2.60e-03	11.8	11.8	11.8	11.8	0.2	2.8	0.4	5.4	-34.6	59.1
10679	ok	0.0	0.8	2.45e-03	11.8	11.8	11.8	11.8	1.1	7.5	1.5	-0.8	-43.5	69.4
10680	ok	0.0	0.8	2.02e-03	11.8	11.8	11.8	11.8	0.2	5.2	-1.51e-02	6.7	-40.5	70.4
10681	ok	0.0	0.7	1.50e-03	11.8	11.8	11.8	11.8	0.1	7.5	-7.45e-02	13.0	-39.4	70.5
10682	ok	0.0	0.5	3.63e-03	11.8	11.8	11.8	11.8	1.4	0.5	3.0	-10.9	-35.3	30.8
10683	ok	0.0	0.5	3.33e-03	11.8	11.8	11.8	11.8	1.4	1.6	2.9	-10.0	-31.9	39.6
10684	ok	0.0	0.5	3.00e-03	11.8	11.8	11.8	11.8	2.40e-02	1.6	0.5	-7.6	-27.9	47.9
10685	ok	0.0	0.6	2.67e-03	11.8	11.8	11.8	11.8	6.75e-02	2.6	0.3	-4.9	-24.1	54.3
10686	ok	0.0	0.7	2.25e-03	11.8	11.8	11.8	11.8	0.1	4.4	-5.16e-02	3.5	-24.1	66.9
10687	ok	0.0	0.7	1.94e-03	11.8	11.8	11.8	11.8	0.9	9.4	1.1	11.3	-26.6	71.4
10688	ok	0.0	0.6	1.50e-03	11.8	11.8	11.8	11.8	-2.85e-02	7.5	-0.1	19.7	-19.1	69.7
10689	ok	0.0	0.4	3.66e-03	11.8	11.8	11.8	11.8	1.5	0.5	3.0	-19.8	-28.8	27.9
10690	ok	0.0	0.5	3.31e-03	11.8	11.8	11.8	11.8	-0.3	0.6	0.7	-18.3	-24.0	35.9
10691	ok	0.0	0.5	2.97e-03	11.8	11.8	11.8	11.8	-0.2	1.4	0.6	-15.0	-17.6	43.9
10692	ok	0.0	0.5	2.63e-03	11.8	11.8	11.8	11.8	-6.90e-02	2.3	0.3	-9.1	-10.0	51.4
10693	ok	0.0	0.5	2.27e-03	11.8	11.8	11.8	11.8	6.7	5.3	14.5	8.4	-15.0	45.8
10694	ok	0.0	0.8	1.75e-03	11.8	11.8	11.8	11.8	0.7	11.0	-1.87e-02	29.1	10.8	72.1
10696	ok	0.0	0.4	3.66e-03	11.8	11.8	11.8	11.8	1.6	0.5	3.0	-27.2	-21.9	24.1
10697	ok	0.0	0.4	3.29e-03	11.8	11.8	11.8	11.8	-0.6	0.5	0.9	-25.6	-15.7	30.9
10698	ok	0.0	0.4	2.92e-03	11.8	11.8	11.8	11.8	-0.4	1.2	0.7	-21.7	-6.9	37.6
10699	ok	0.0	0.4	2.57e-03	11.8	11.8	11.8	11.8	2.4	3.6	1.0	-14.1	7.7	43.3
10700	ok	0.0	0.6	2.27e-03	11.8	11.8	11.8	11.8	2.1	5.5	0.8	-2.1	24.1	56.0
10701	ok	0.0	0.8	1.72e-03	11.8	11.8	11.8	11.8	1.6	8.2	-0.4	20.0	42.4	67.5
10702	ok	0.0	1.0	1.41e-03	11.8	11.8	11.8	12.1	0.2	13.0	-0.9	55.7	57.6	65.7
10703	ok	0.0	0.4	3.65e-03	11.8	11.8	11.8	11.8	1.8	0.5	2.8	-33.3	-15.6	19.5
10704	ok	0.0	0.4	3.26e-03	11.8	11.8	11.8	11.8	-0.9	0.5	0.9	-31.2	-8.8	24.7
10705	ok	0.0	0.4	2.87e-03	11.8	11.8	11.8	11.8	2.1	1.9	1.9	-27.3	3.4	28.6
10706	ok	0.0	0.3	2.50e-03	11.8	11.8	11.8	11.8	2.3	2.8	1.2	-18.6	17.3	33.2
10707	ok	0.0	0.5	2.15e-03	11.8	11.8	11.8	11.8	2.1	4.5	0.9	-5.8	42.1	40.0
10708	ok	0.0	0.8	1.73e-03	11.8	11.8	11.8	12.0	2.4	6.6	-0.9	16.6	72.0	48.7
10709	ok	0.0	1.0	1.32e-03	11.8	12.2	11.8	17.8	0.9	12.0	-1.3	70.9	123.9	54.6
10710	ok	0.0	0.5	1.08e-02	11.8	11.8	11.8	11.8	-23.6	-0.9	-4.6	-58.1	-3.1	-14.8
10711	ok	0.0	1.0	1.42e-03	11.8	37.9	21.9	25.8	4.7	0.4	0.1	218.6	99.7	-132.7
10712	ok	0.0	0.4	4.11e-03	11.8	11.8	11.8	11.8	1.6	0.5	2.1	-49.3	-3.4	8.9
10713	ok	0.0	0.4	3.54e-03	11.8	11.8	11.8	11.8	-3.1	0.2	0.3	-46.6	0.9	11.7
10714	ok	0.0	0.3	3.07e-03	11.8	11.8	11.8	11.8	-3.4	0.2	5.53e-02	-38.8	5.9	13.6
10715	ok	0.0	0.3	2.61e-03	11.8	11.8	11.8	11.8	-3.8	0.3	-0.3	-25.2	10.4	14.3
10716	ok	0.0	0.3	2.11e-03	11.8	11.8	11.8	11.8	5.2	0.3	3.5	9.7	13.6	23.1
10717	ok	0.0	0.4	5.08e-03	11.8	11.8	11.8	11.8	-27.0	-1.5	-7.0	48.9	1.6	8.2
10718	ok	0.0	0.2	5.69e-03	11.8	11.8	11.8	11.8	-1.4	-0.4	-1.75e-02	-22.7	-3.4	-8.7
10719	ok	0.0	0.4	3.62e-03	11.8	11.8	11.8	11.8	1.9	0.6	2.6	-45.9	-7.7	12.2
10720	ok	0.0	0.4	3.23e-03	11.8	11.8	11.8	11.8	-2.3	0.3	0.5	-44.4	-1.7	14.4
10721	ok	0.0	0.4	2.80e-03	11.8	11.8	11.8	11.8	-2.4	0.5	0.3	-37.4	5.6	16.3
10722	ok	0.0	0.2	2.46e-03	11.8	11.8	11.8	11.8	-2.3	0.8	-0.2	-21.7	17.7	17.1
10723	ok	0.0	0.3	2.24e-03	11.8	11.8	11.8	11.8	6.4	1.1	5.6	7.7	17.9	25.2
10724	ok	0.0	0.5	1.73e-03	11.8	11.8	11.8	11.8	3.2	1.6	2.8	34.7	31.1	21.9
10725	ok	0.0	0.6	1.52e-03	11.8	11.8	11.8	11.8	2.8	3.6	-2.6	60.4	44.9	8.3
10726	ok	0.0	0.5	4.83e-03	11.8	11.8	11.8	11.8	-24.8	1.4	7.8	-38.7	-58.3	-7.6
10727	ok	0.0	0.6	6.15e-03	11.8	11.8	11.8	11.8	-2.6	-43.3	10.7	-0.6	-81.7	6.9
10728	ok	0.0	0.6	1.21e-02	11.8	11.8	11.8	11.8	-76.7	-2.9	-15.9	85.4	4.0	18.6
10729	ok	0.0	0.4	3.52e-03	11.8	11.8	11.8	11.8	0.9	4.98e-02	0.2	-44.5	0.5	-4.4
10730	ok	0.0	0.5	4.53e-03	11.8	11.8	11.8	11.8	3.1	-0.2	0.8	-57.9	-10.2	-9.7
10731	ok	0.0	0.4	6.59e-03	11.8	11.8	11.8	11.8	-12.3	-19.9	21.9	-15.9	-46.6	-8.3
10732	ok	0.0	0.9	5.73e-03	11.8	11.8	11.8	11.8	-16.8	-20.1	-4.2	66.4	68.3	50.4
10733	ok	0.0	0.5	4.60e-03	11.8	11.8	11.8	11.8	9.3	0.3	1.8	-60.9	-4.2	-10.9
10734	ok	0.0	0.5	5.95e-03	11.8	11.8	11.8	11.8	-32.6	-0.2	0.3	-51.7	-26.5	-22.4
10735	ok	0.0	0.4	4.13e-03	11.8	11.8	11.8	11.8	1.8	0.4	1.4	-51.4	0.5	6.3
10736	ok	0.0	0.4	3.61e-03	11.8	11.8	11.8	11.8	0.8	0.4	1.0	-49.6	4.1	10.6
10737	ok	0.0	0.3	6.19e-03	11.8	11.8	11.8	11.8	-23.1	-0.8	-4.4	-37.1	-2.9	-12.1
10738	ok	0.0	0.5	7.16e-03	11.8	11.8	11.8	11.8	-29.8	-1.1	-5.8	-65.5	-3.4	-16.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10739	ok	0.0	0.3	5.41e-03	11.8	11.8	11.8	11.8	-33.3	-10.9	-7.4	37.4	8.4	5.7
10740	ok	0.0	0.3	1.36e-03	11.8	11.8	11.8	11.8	-0.5	-0.2	1.1	32.6	6.1	15.3
10741	ok	0.0	0.5	6.37e-03	11.8	11.8	11.8	11.8	-13.7	-16.4	19.9	-13.9	-58.3	-8.0
10742	ok	0.0	0.3	1.04e-02	11.8	11.8	11.8	11.8	-61.0	-3.8	-15.2	33.4	5.7	8.7
10743	ok	0.0	0.6	7.44e-03	11.8	11.8	11.8	11.8	-36.4	0.4	-2.9	-72.5	-15.7	-18.8
10744	ok	0.0	0.4	4.76e-03	11.8	11.8	11.8	11.8	10.6	0.4	2.1	-47.2	-1.0	-8.0
10745	ok	0.0	0.6	7.04e-03	11.8	11.8	11.8	11.8	-36.9	1.6	-0.5	-69.4	-24.6	-15.0
10746	ok	0.0	0.4	4.13e-03	11.8	11.8	11.8	11.8	-11.9	-7.4	-15.6	8.9	-50.9	2.4
10747	ok	0.0	0.3	3.78e-03	11.8	11.8	11.8	11.8	-1.6	-8.5	-6.1	16.8	-28.7	13.6
10748	ok	0.0	0.8	7.76e-03	11.8	11.8	11.8	11.8	2.7	3.20e-02	-5.6	75.6	2.3	42.0
10749	ok	0.0	0.4	8.50e-03	11.8	11.8	11.8	11.8	-42.9	0.1	-4.7	-56.9	-9.4	2.5
10750	ok	0.0	0.3	6.53e-03	11.8	11.8	11.8	11.8	-12.9	-14.6	22.8	-10.3	-33.1	-11.6
10751	ok	0.0	0.6	4.60e-03	11.8	11.8	11.8	11.8	-1.6	-9.7	-1.9	70.4	-16.4	11.5
10752	ok	0.0	0.4	6.37e-03	11.8	11.8	11.8	11.8	-13.4	-15.6	21.4	-12.5	-47.6	-9.5
10753	ok	0.0	0.4	6.88e-03	11.8	11.8	11.8	11.8	-10.4	-27.6	20.9	-17.8	-56.1	-3.0
10754	ok	0.0	0.3	7.49e-03	11.8	11.8	11.8	11.8	-10.1	-27.5	23.5	-23.0	-31.2	-4.9
10755	ok	0.0	0.5	5.81e-04	11.8	11.8	11.8	11.8	-1.1	5.92e-02	0.3	50.0	5.5	16.5
10756	ok	0.0	0.3	7.45e-03	11.8	11.8	11.8	11.8	-43.0	-5.0	-15.9	36.4	8.3	13.7
10757	ok	0.0	0.2	5.42e-03	11.8	11.8	11.8	11.8	3.3	-1.2	-0.6	-22.5	-6.9	-10.6
10758	ok	0.0	0.4	4.75e-03	11.8	11.8	11.8	11.8	4.3	-0.2	0.4	-45.1	-8.5	-12.3
10759	ok	0.0	0.4	7.03e-03	11.8	11.8	11.8	11.8	-10.4	-27.5	22.3	-20.3	-45.2	-3.9
10760	ok	0.0	0.1	6.28e-03	11.8	11.8	11.8	11.8	-37.5	-2.2	-9.5	13.2	4.3	3.7
10761	ok	0.0	0.2	8.30e-03	11.8	11.8	11.8	11.8	-58.9	-4.8	-14.5	16.9	1.7	4.8
10762	ok	0.0	0.5	5.15e-03	11.8	11.8	11.8	11.8	-20.9	-3.2	11.5	-25.6	-64.9	-7.7
10763	ok	0.0	0.5	5.40e-03	11.8	11.8	11.8	11.8	-20.2	-1.7	13.2	-23.0	-62.6	-4.3
10764	ok	0.0	0.8	1.22e-03	11.8	11.8	11.8	11.8	9.52e-02	9.0	0.2	1.7	-59.9	59.6
10765	ok	0.0	0.3	1.11e-02	11.8	11.8	11.8	11.8	-3.0	-49.1	26.9	-37.6	35.3	4.1
10766	ok	0.0	0.2	3.98e-03	11.8	11.8	11.8	11.8	0.6	-11.1	-9.9	-1.0	-27.4	-4.1
10767	ok	0.0	0.2	3.90e-03	11.8	11.8	11.8	11.8	0.8	-11.3	-8.5	16.4	-28.9	0.5
10768	ok	0.0	0.4	9.73e-03	11.8	11.8	11.8	11.8	-47.5	-1.3	-8.1	-48.4	2.4	7.4
10769	ok	0.0	0.6	6.73e-03	11.8	11.8	11.8	11.8	-2.8	-47.2	11.6	-2.3	-81.2	9.6
10770	ok	0.0	9.58e-02	2.15e-04	11.8	11.8	11.8	11.8	-0.7	0.4	0.2	1.2	-7.9	-7.0
10771	ok	0.0	0.5	8.01e-03	11.8	11.8	11.8	11.8	-40.8	0.6	-3.8	-64.3	-14.3	-2.6
10772	ok	0.0	0.3	3.68e-03	11.8	11.8	11.8	11.8	1.1	-11.4	-6.9	31.8	-31.1	7.3
10773	ok	0.0	0.6	8.66e-03	11.8	11.8	11.8	11.8	-41.2	-0.8	-6.1	-76.9	-5.9	-12.3
10774	ok	0.0	0.2	3.87e-03	11.8	11.8	11.8	11.8	-1.0	-9.7	-9.6	-6.3	-30.7	-0.9
10775	ok	0.0	0.5	7.78e-03	11.8	11.8	11.8	11.8	-40.7	0.8	-3.0	-71.2	-19.0	-8.4
10776	ok	0.0	0.6	8.12e-03	11.8	11.8	11.8	11.8	-38.5	-0.2	-4.1	-75.5	-12.6	-15.5
10777	ok	0.0	0.6	7.61e-03	11.8	11.8	11.8	11.8	-38.9	1.4	-1.7	-71.9	-22.0	-11.3
10778	ok	0.0	0.5	4.93e-03	11.8	11.8	11.8	11.8	-21.5	-4.2	9.9	-26.5	-64.0	-10.6
10779	ok	0.0	0.6	4.99e-03	11.8	11.8	11.8	11.8	-19.0	-8.8	11.3	-19.0	-66.8	-10.9
10780	ok	0.0	0.2	9.42e-03	11.8	11.8	11.8	11.8	-48.5	-1.1	-6.4	-21.8	4.1	12.3
10781	ok	0.0	0.3	2.99e-03	11.8	11.8	11.8	11.8	-0.7	-1.28e-02	-0.1	-36.0	0.8	-2.1
10782	ok	0.0	0.6	5.07e-03	11.8	11.8	11.8	11.8	-15.1	-15.8	13.3	-11.9	-68.8	-8.7
10783	ok	0.0	0.3	5.39e-03	11.8	11.8	11.8	11.8	5.9	5.99e-02	0.9	-35.5	-5.8	-14.5
10784	ok	0.0	0.6	5.03e-03	11.8	11.8	11.8	11.8	-17.0	-12.2	12.3	-14.8	-68.1	-10.1
10785	ok	0.0	0.3	9.01e-03	11.8	11.8	11.8	11.8	-45.6	-0.4	-5.8	-43.0	-3.2	7.9
10786	ok	0.0	0.5	5.10e-03	11.8	11.8	11.8	11.8	-11.7	-22.1	14.5	-9.5	-69.0	-5.2
10787	ok	0.0	0.6	5.09e-03	11.8	11.8	11.8	11.8	-13.4	-19.0	14.0	-10.3	-69.1	-7.1
10788	ok	0.0	0.2	9.94e-03	11.8	11.8	11.8	11.8	-50.2	-1.7	-6.5	-4.9	8.6	14.3
10789	ok	0.0	0.2	2.47e-03	11.8	11.8	11.8	11.8	-6.0	-0.2	-1.1	-22.2	1.2	1.2
10792	ok	0.0	0.9	5.47e-02	11.8	11.8	11.8	11.8	-54.2	-2.5	-8.0	56.4	6.8	12.1
10793	ok	0.0	0.7	6.90e-02	11.8	11.8	11.8	11.8	19.8	2.0	5.8	5.7	-7.0	-11.0
10794	ok	0.0	0.3	1.28e-02	11.8	11.8	11.8	11.8	46.1	-0.7	-2.1	-23.2	0.3	6.6
10795	ok	0.0	0.4	1.60e-02	11.8	11.8	11.8	11.8	57.0	1.3	2.1	-34.1	-0.6	-1.9
10796	ok	0.0	0.4	2.18e-02	11.8	11.8	11.8	11.8	75.8	2.9	2.0	-36.3	-0.6	-1.3
10797	ok	0.0	0.3	2.05e-02	11.8	11.8	11.8	11.8	80.9	-5.1	1.6	-27.3	0.7	-3.8
10801	ok	0.0	0.3	6.03e-03	11.8	11.8	11.8	11.8	-10.6	-4.4	-3.0	-8.6	37.4	0.1
10802	ok	0.0	0.3	5.62e-03	11.8	11.8	11.8	11.8	-9.7	-4.6	-3.1	-10.0	39.8	1.3
10803	ok	0.0	0.3	5.36e-03	11.8	11.8	11.8	11.8	-7.4	-4.9	-1.2	-9.2	38.3	-1.3
10804	ok	0.0	0.3	5.48e-03	11.8	11.8	11.8	11.8	-8.5	-4.8	-2.0	-10.2	41.3	-0.9
10805	ok	0.0	0.3	5.68e-03	11.8	11.8	11.8	11.8	-9.9	-15.8	18.7	-8.0	37.6	-4.0
10806	ok	0.0	0.3	5.82e-03	11.8	11.8	11.8	11.8	-9.4	-4.6	-1.9	-8.9	41.1	-0.7
10807	ok	0.0	0.2	5.85e-03	11.8	11.8	11.8	11.8	-12.1	-12.6	28.9	1.5	20.3	7.9
10808	ok	0.0	0.3	6.16e-03	11.8	11.8	11.8	11.8	-6.6	-32.8	16.3	22.1	22.4	5.5
10809	ok	0.0	0.3	6.16e-03	11.8	11.8	11.8	11.8	-7.6	-22.9	20.5	-6.1	40.3	2.0
10810	ok	0.0	0.8	6.91e-03	11.8	11.8	11.8	11.8	-26.5	-24.8	20.9	52.8	88.5	-3.2
10811	ok	0.0	0.3	6.36e-03	11.8	11.8	11.8	11.8	-5.6	-28.4	18.2	14.0	24.5	10.3
10812	ok	0.0	0.6	7.16e-03	11.8	11.8	11.8	11.8	-14.9	-34.2	19.7	20.7	53.5	16.5
10813	ok	0.0	0.1	5.43e-03	11.8	11.8	11.8	11.8	-6.1	-12.6	19.2	-5.0	18.7	-2.2
10814	ok	0.0	0.2	5.22e-03	11.8	11.8	11.8	11.8	-8.0	-12.6	18.8	-7.0	30.1	-2.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10815	ok	0.0	0.2	5.40e-03	11.8	11.8	11.8	11.8	-6.5	-16.2	20.3	-4.1	19.9	3.2
10816	ok	0.0	0.2	5.55e-03	11.8	11.8	11.8	11.8	-8.5	-16.1	19.5	-7.8	31.8	-0.5
10817	ok	0.0	0.2	4.43e-03	11.8	11.8	11.8	11.8	-24.7	-4.7	-2.2	12.8	21.1	-4.2
10818	ok	0.0	0.3	4.72e-03	11.8	11.8	11.8	11.8	-3.6	-3.4	2.7	9.9	-26.1	7.4
10819	ok	0.0	0.3	5.70e-03	11.8	11.8	11.8	11.8	-20.8	35.9	-5.45e-02	-6.3	-31.7	-0.5
10820	ok	0.0	0.3	4.50e-03	11.8	11.8	11.8	11.8	0.7	-1.8	3.7	-33.7	-19.3	-2.1
10821	ok	0.0	0.2	4.01e-03	11.8	11.8	11.8	11.8	26.9	-3.16e-02	13.0	12.1	-9.5	15.1
10822	ok	0.0	0.2	3.57e-03	11.8	11.8	11.8	11.8	-2.9	-6.1	6.2	9.9	-16.8	16.0
10823	ok	0.0	0.3	3.35e-03	11.8	11.8	11.8	11.8	-2.3	-6.0	5.5	10.5	-30.1	14.6
10824	ok	0.0	0.3	3.32e-03	11.8	11.8	11.8	11.8	-2.1	-5.6	4.7	8.0	-39.2	12.2
10825	ok	0.0	0.4	3.39e-03	11.8	11.8	11.8	11.8	-2.3	-5.1	4.1	6.4	-42.8	10.1
10826	ok	0.0	0.4	3.83e-03	11.8	11.8	11.8	11.8	-2.6	-4.5	3.6	5.9	-41.6	8.6
10827	ok	0.0	0.3	4.30e-03	11.8	11.8	11.8	11.8	-3.0	-4.0	3.1	6.9	-36.0	7.7
10828	ok	0.0	0.3	4.87e-03	11.8	11.8	11.8	11.8	-3.8	-3.7	3.5	6.1	-26.3	5.3
10829	ok	0.0	0.3	5.02e-03	11.8	11.8	11.8	11.8	-18.6	27.9	-6.0	-1.5	-29.2	2.0
10830	ok	0.0	0.3	5.27e-03	11.8	11.8	11.8	11.8	-20.1	31.2	-3.2	-5.0	-30.1	1.1
10831	ok	0.0	0.3	5.06e-03	11.8	11.8	11.8	11.8	-4.5	-5.4	3.2	-7.6	-38.3	1.7
10832	ok	0.0	0.3	4.37e-03	11.8	11.8	11.8	11.8	-3.7	-5.1	3.4	-11.8	-43.2	0.3
10833	ok	0.0	0.4	3.75e-03	11.8	11.8	11.8	11.8	-3.0	-4.7	3.6	-16.0	-44.2	-0.5
10834	ok	0.0	0.3	3.32e-03	11.8	11.8	11.8	11.8	-2.3	-4.2	3.8	-20.2	-41.9	-0.8
10835	ok	0.0	0.3	3.56e-03	11.8	11.8	11.8	11.8	-1.5	-3.7	3.9	-24.0	-37.3	-1.1
10836	ok	0.0	0.3	3.83e-03	11.8	11.8	11.8	11.8	-1.1	-2.9	3.8	-28.9	-30.3	-1.1
10837	ok	0.0	0.3	4.14e-03	11.8	11.8	11.8	11.8	-0.3	-2.3	3.8	-31.9	-24.4	-1.5
10838	ok	0.0	0.3	4.53e-03	11.8	11.8	11.8	11.8	-6.17e-02	-1.7	3.9	-31.4	-15.4	0.7
10839	ok	0.0	0.2	4.55e-03	11.8	11.8	11.8	11.8	-9.72e-02	-2.2	4.5	-23.3	-10.4	3.3
10840	ok	0.0	0.2	4.51e-03	11.8	11.8	11.8	11.8	29.8	-2.7	12.5	-7.0	-8.2	10.5
10841	ok	0.0	0.3	4.80e-03	11.8	11.8	11.8	11.8	-4.3	-5.7	3.5	-6.3	-36.6	3.7
10842	ok	0.0	0.3	4.59e-03	11.8	11.8	11.8	11.8	-3.9	-6.0	3.7	-2.7	-36.1	5.1
10843	ok	0.0	0.3	4.45e-03	11.8	11.8	11.8	11.8	-3.3	-4.1	3.9	2.6	-36.2	6.5
10844	ok	0.0	0.3	4.23e-03	11.8	11.8	11.8	11.8	-3.4	-5.5	3.8	-9.7	-42.0	3.4
10845	ok	0.0	0.3	4.08e-03	11.8	11.8	11.8	11.8	-3.0	-5.9	4.1	-5.7	-41.6	5.8
10846	ok	0.0	0.3	3.96e-03	11.8	11.8	11.8	11.8	-2.5	-6.5	4.1	-0.4	-42.0	7.5
10847	ok	0.0	0.4	3.68e-03	11.8	11.8	11.8	11.8	-2.7	-5.1	4.1	-13.3	-43.3	3.4
10848	ok	0.0	0.4	3.59e-03	11.8	11.8	11.8	11.8	-2.3	-5.7	4.5	-8.5	-42.9	6.6
10849	ok	0.0	0.4	3.50e-03	11.8	11.8	11.8	11.8	-1.8	-6.5	4.7	-2.1	-43.1	8.8
10850	ok	0.0	0.3	3.30e-03	11.8	11.8	11.8	11.8	-2.3	-4.3	4.2	-17.8	-39.9	3.9
10851	ok	0.0	0.3	3.24e-03	11.8	11.8	11.8	11.8	-2.0	-5.0	4.7	-11.8	-39.3	8.0
10852	ok	0.0	0.3	3.14e-03	11.8	11.8	11.8	11.8	-1.2	-6.3	5.3	-3.3	-39.9	10.2
10853	ok	0.0	0.3	3.56e-03	11.8	11.8	11.8	11.8	-1.7	-3.8	4.4	-21.7	-35.0	3.9
10854	ok	0.0	0.3	3.51e-03	11.8	11.8	11.8	11.8	-1.6	-4.5	5.0	-14.9	-33.4	8.3
10855	ok	0.0	0.3	3.39e-03	11.8	11.8	11.8	11.8	-0.9	-5.9	5.8	-4.6	-32.6	11.2
10856	ok	0.0	0.2	3.85e-03	11.8	11.8	11.8	11.8	-1.1	-3.3	4.4	-25.3	-28.7	3.2
10857	ok	0.0	0.2	3.82e-03	11.8	11.8	11.8	11.8	-1.0	-3.9	5.1	-18.0	-25.5	7.6
10858	ok	0.0	0.2	3.70e-03	11.8	11.8	11.8	11.8	14.5	-9.7	11.8	-8.0	-23.8	10.8
10859	ok	0.0	0.2	4.17e-03	11.8	11.8	11.8	11.8	-0.3	-2.7	4.4	-28.3	-22.2	1.9
10860	ok	0.0	0.2	4.18e-03	11.8	11.8	11.8	11.8	-0.3	-3.2	5.1	-20.8	-17.9	5.5
10861	ok	0.0	0.2	4.11e-03	11.8	11.8	11.8	11.8	18.2	-8.4	11.7	-4.1	-17.2	9.7
10862	ok	0.0	0.2	5.08e-03	11.8	11.8	11.8	11.8	-11.7	25.0	-14.8	8.0	-25.8	4.3
10863	ok	0.0	0.3	6.30e-03	11.8	11.8	11.8	11.8	-11.7	23.7	-8.2	-8.0	-25.6	1.0
10864	ok	0.0	0.2	5.26e-03	11.8	11.8	11.8	11.8	-14.1	28.5	-12.1	4.7	-25.5	2.6
10865	ok	0.0	0.2	5.41e-03	11.8	11.8	11.8	11.8	-16.4	31.3	-9.3	4.46e-02	-25.8	1.9
10866	ok	0.0	0.3	5.69e-03	11.8	11.8	11.8	11.8	-20.3	34.3	-3.6	-3.8	-26.2	1.4
10867	ok	0.0	0.2	5.70e-03	11.8	11.8	11.8	11.8	7.0	-32.5	16.4	15.5	13.0	5.2
10868	ok	0.0	0.3	7.27e-03	11.8	11.8	11.8	11.8	3.6	-35.2	14.2	8.7	10.7	9.9
10869	ok	0.0	0.2	5.66e-03	11.8	11.8	11.8	11.8	5.8	-36.9	16.9	12.7	15.2	2.1
10870	ok	0.0	0.2	5.83e-03	11.8	11.8	11.8	11.8	8.1	-39.8	14.8	5.8	15.9	2.4
10871	ok	0.0	0.2	6.25e-03	11.8	11.8	11.8	11.8	-22.7	34.2	-3.7	-2.5	-17.7	1.8
10872	ok	0.0	0.2	8.13e-03	11.8	11.8	11.8	11.8	2.1	-39.1	14.8	8.8	19.6	12.1
10873	ok	0.0	0.3	6.92e-03	11.8	11.8	11.8	11.8	10.6	-41.6	15.7	16.0	32.9	1.0
10874	ok	0.0	0.2	6.73e-03	11.8	11.8	11.8	11.8	9.3	-46.6	16.0	5.6	26.5	2.6
10875	ok	0.0	0.2	6.96e-03	11.8	11.8	11.8	11.8	2.3	-31.0	17.0	3.8	18.0	7.6
10876	ok	0.0	0.3	9.35e-03	11.8	11.8	11.8	11.8	5.8	-38.0	15.0	10.8	34.9	10.3
10877	ok	0.0	0.3	7.77e-03	11.8	11.8	11.8	11.8	1.7	-30.5	17.0	3.6	29.8	8.8
10878	ok	0.0	0.3	7.52e-03	11.8	11.8	11.8	11.8	9.1	-46.5	15.9	1.2	42.4	5.6
10879	ok	0.0	0.5	6.42e-03	11.8	11.8	11.8	11.8	9.5	-27.3	-3.7	27.3	50.6	-8.8
10880	ok	0.0	0.2	5.03e-03	11.8	11.8	11.8	11.8	-0.4	-0.5	-19.6	5.8	-25.2	-0.9
10881	ok	0.0	0.4	6.46e-03	11.8	11.8	11.8	11.8	-21.6	-13.7	-17.0	47.1	22.3	8.7
10882	ok	0.0	0.3	4.42e-03	11.8	11.8	11.8	11.8	-1.7	-4.2	0.7	6.8	-33.1	-1.2
10883	ok	0.0	0.3	4.38e-03	11.8	11.8	11.8	11.8	-1.3	-4.7	1.0	9.4	-40.0	-2.2
10884	ok	0.0	0.3	4.47e-03	11.8	11.8	11.8	11.8	-0.9	-5.3	1.1	12.8	-42.3	-3.6
10885	ok	0.0	0.3	4.70e-03	11.8	11.8	11.8	11.8	-0.6	-5.9	1.1	17.3	-39.4	-5.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10886	ok	0.0	0.3	5.14e-03	11.8	11.8	11.8	11.8	-0.3	-6.6	1.1	23.6	-30.7	-7.4
10887	ok	0.0	0.3	5.61e-03	11.8	11.8	11.8	11.8	-20.9	-18.2	-23.0	38.8	12.9	-9.9
10888	ok	0.0	0.4	6.30e-03	11.8	11.8	11.8	11.8	-23.7	-19.9	-25.7	44.4	31.8	1.6
10889	ok	0.0	0.2	5.09e-03	11.8	11.8	11.8	11.8	-0.8	8.2	-19.4	6.2	-26.2	1.1
10890	ok	0.0	1.0	8.68e-03	11.8	13.6	12.8	15.1	-26.5	0.6	-3.0	93.1	104.1	45.3
10891	ok	0.0	0.3	4.59e-03	11.8	11.8	11.8	11.8	-1.9	-4.3	1.2	7.2	-34.1	1.7
10892	ok	0.0	0.3	4.18e-03	11.8	11.8	11.8	11.8	-1.4	-4.9	1.5	10.2	-40.9	0.7
10893	ok	0.0	0.4	4.21e-03	11.8	11.8	11.8	11.8	-1.0	-5.6	1.7	14.5	-43.2	-0.3
10894	ok	0.0	0.3	4.31e-03	11.8	11.8	11.8	11.8	-0.5	-6.5	1.8	20.8	-40.6	-1.5
10895	ok	0.0	0.3	4.72e-03	11.8	11.8	11.8	11.8	0.4	-7.6	1.8	30.3	-31.9	-3.1
10896	ok	0.0	0.5	5.69e-03	11.8	11.8	11.8	11.8	-16.3	-19.2	-19.6	60.9	25.4	-4.4
10897	ok	0.0	0.7	7.27e-03	11.8	11.8	11.8	11.8	-1.8	-8.5	-2.9	83.0	63.1	5.4
10898	ok	0.0	0.2	5.04e-03	11.8	11.8	11.8	11.8	-0.6	11.6	-18.5	6.7	-27.1	2.7
10899	ok	0.0	1.0	5.31e-03	19.2	34.0	37.5	48.2	1.4	-15.9	15.5	227.1	288.8	-103.7
10900	ok	0.0	0.3	4.30e-03	11.8	11.8	11.8	11.8	-2.1	-4.4	1.6	8.3	-34.8	4.2
10901	ok	0.0	0.3	3.91e-03	11.8	11.8	11.8	11.8	-1.6	-5.0	1.9	11.0	-41.5	3.4
10902	ok	0.0	0.4	3.80e-03	11.8	11.8	11.8	11.8	-1.1	-5.8	2.2	15.5	-43.7	2.9
10903	ok	0.0	0.3	4.00e-03	11.8	11.8	11.8	11.8	-0.7	-6.9	2.6	22.7	-40.9	2.7
10904	ok	0.0	0.3	4.19e-03	11.8	11.8	11.8	11.8	-0.5	-8.2	3.0	33.7	-31.9	2.8
10905	ok	0.0	0.5	5.03e-03	11.8	11.8	11.8	11.8	1.8	-10.1	2.3	54.2	-16.8	5.2
10906	ok	0.0	1.0	4.96e-03	11.8	14.1	17.2	17.0	-25.6	-27.6	-9.6	116.2	120.3	-24.4
10907	ok	0.0	0.3	4.63e-03	11.8	11.8	11.8	11.8	-3.1	-3.6	2.0	9.7	-25.4	7.9
10908	ok	0.0	0.9	4.18e-03	11.8	11.8	11.9	14.0	-25.4	-9.8	-5.6	24.3	94.0	-29.1
10909	ok	0.0	0.3	4.23e-03	11.8	11.8	11.8	11.8	-2.6	-4.3	2.4	8.8	-35.8	7.0
10910	ok	0.0	0.3	3.79e-03	11.8	11.8	11.8	11.8	-2.1	-4.9	2.8	9.8	-41.9	7.0
10911	ok	0.0	0.4	3.58e-03	11.8	11.8	11.8	11.8	-1.6	-5.7	3.3	12.9	-43.6	7.7
10912	ok	0.0	0.3	3.62e-03	11.8	11.8	11.8	11.8	-1.3	-6.6	3.8	18.2	-40.5	9.2
10913	ok	0.0	0.3	3.54e-03	11.8	11.8	11.8	11.8	-1.3	-7.8	4.7	26.5	-31.4	11.5
10914	ok	0.0	0.4	3.74e-03	11.8	11.8	11.8	11.8	-22.1	-12.6	-7.5	46.8	22.0	9.6
10915	ok	0.0	0.7	3.90e-03	11.8	11.8	11.8	11.8	-19.8	-10.6	-0.5	67.7	45.1	-2.9
10916	ok	0.0	0.2	5.28e-03	11.8	11.8	11.8	11.8	-1.5	13.6	-19.5	6.0	-23.0	3.5
10917	ok	0.0	0.2	5.45e-03	11.8	11.8	11.8	11.8	-1.5	19.8	-18.0	8.3	-24.2	5.1
10918	ok	0.0	0.2	5.16e-03	11.8	11.8	11.8	11.8	-1.1	9.28e-02	-20.4	4.8	-20.5	-0.4
10919	ok	0.0	0.2	5.27e-03	11.8	11.8	11.8	11.8	-1.3	9.3	-20.2	5.2	-21.8	1.9
10920	ok	0.0	0.2	5.54e-03	11.8	11.8	11.8	11.8	-1.4	14.3	-19.8	6.3	-14.5	4.5
10921	ok	0.0	0.2	5.79e-03	11.8	11.8	11.8	11.8	-5.6	-28.4	18.3	11.1	15.3	8.3
10922	ok	0.0	0.4	6.45e-03	11.8	11.8	11.8	11.8	-19.6	37.2	17.4	-5.6	-38.9	-7.6
10923	ok	0.0	0.2	4.23e-03	11.8	11.8	11.8	11.8	1.0	-2.0	2.3	-22.7	-12.5	-5.4
10924	ok	0.0	0.3	5.95e-03	11.8	11.8	11.8	11.8	-20.3	39.2	0.8	-5.9	-34.0	-2.2
10925	ok	0.0	0.4	6.29e-03	11.8	11.8	11.8	11.8	-18.9	39.7	17.5	-5.1	-36.6	-5.0
10926	ok	0.0	0.4	5.67e-03	11.8	11.8	11.8	11.8	-5.2	-4.2	2.1	-6.0	-46.5	-8.6
10927	ok	0.0	0.4	4.84e-03	11.8	11.8	11.8	11.8	-4.3	-4.0	2.3	-9.9	-48.8	-10.5
10928	ok	0.0	0.4	4.11e-03	11.8	11.8	11.8	11.8	-3.4	-3.7	2.4	-13.1	-47.3	-12.1
10929	ok	0.0	0.4	3.75e-03	11.8	11.8	11.8	11.8	-2.5	-3.5	2.5	-16.0	-42.5	-13.0
10930	ok	0.0	0.3	3.39e-03	11.8	11.8	11.8	11.8	-1.6	-3.2	2.6	-18.6	-35.1	-12.9
10931	ok	0.0	0.3	3.64e-03	11.8	11.8	11.8	11.8	-0.6	-2.9	2.5	-20.7	-26.5	-11.4
10932	ok	0.0	0.2	3.92e-03	11.8	11.8	11.8	11.8	3.53e-02	-2.3	2.5	-22.8	-17.7	-9.1
10933	ok	0.0	0.3	4.36e-03	11.8	11.8	11.8	11.8	0.9	-1.8	2.7	-29.6	-17.1	-5.1
10934	ok	0.0	0.3	4.45e-03	11.8	11.8	11.8	11.8	0.8	-1.7	3.2	-33.3	-19.4	-3.9
10935	ok	0.0	0.4	5.54e-03	11.8	11.8	11.8	11.8	-4.9	-4.7	2.4	-6.3	-43.9	-5.1
10936	ok	0.0	0.3	5.21e-03	11.8	11.8	11.8	11.8	-4.7	-5.1	2.8	-7.1	-41.0	-1.3
10937	ok	0.0	0.4	4.50e-03	11.8	11.8	11.8	11.8	-4.1	-4.3	2.6	-11.2	-46.9	-7.1
10938	ok	0.0	0.4	4.43e-03	11.8	11.8	11.8	11.8	-3.9	-4.7	3.0	-12.0	-45.0	-3.3
10939	ok	0.0	0.4	3.77e-03	11.8	11.8	11.8	11.8	-3.3	-4.0	2.8	-15.5	-46.3	-8.6
10940	ok	0.0	0.4	3.77e-03	11.8	11.8	11.8	11.8	-3.1	-4.3	3.2	-16.6	-45.2	-4.5
10941	ok	0.0	0.4	3.31e-03	11.8	11.8	11.8	11.8	-2.5	-3.6	2.9	-19.4	-42.6	-9.3
10942	ok	0.0	0.4	3.31e-03	11.8	11.8	11.8	11.8	-2.4	-3.9	3.3	-20.8	-42.5	-5.1
10943	ok	0.0	0.3	3.50e-03	11.8	11.8	11.8	11.8	-1.6	-3.3	2.9	-22.8	-36.7	-9.3
10944	ok	0.0	0.3	3.54e-03	11.8	11.8	11.8	11.8	-1.6	-3.4	3.4	-24.6	-37.5	-5.2
10945	ok	0.0	0.3	3.75e-03	11.8	11.8	11.8	11.8	-1.0	-2.6	2.9	-26.7	-28.5	-8.7
10946	ok	0.0	0.3	3.81e-03	11.8	11.8	11.8	11.8	-1.1	-2.7	3.3	-29.3	-30.2	-5.0
10947	ok	0.0	0.3	4.03e-03	11.8	11.8	11.8	11.8	-8.98e-02	-2.2	2.8	-28.8	-22.1	-7.1
10948	ok	0.0	0.3	4.11e-03	11.8	11.8	11.8	11.8	-0.2	-2.2	3.3	-31.9	-24.3	-4.5
10949	ok	0.0	0.4	7.16e-03	11.8	11.8	11.8	11.8	-18.9	41.7	18.9	-3.3	-37.0	-6.6
10950	ok	0.0	0.3	6.65e-03	11.8	11.8	11.8	11.8	-19.9	44.4	0.6	-3.7	-31.2	-0.8
10951	ok	0.0	0.3	7.05e-03	11.8	11.8	11.8	11.8	-18.1	44.7	19.1	-2.5	-34.7	-3.7
10952	ok	0.0	0.4	9.48e-03	11.8	11.8	11.8	11.8	4.3	-62.0	-27.2	17.7	20.3	1.0
10953	ok	0.0	0.5	1.01e-02	11.8	11.8	11.8	11.8	-7.0	-4.3	2.4	54.7	50.4	9.3
10954	ok	0.0	0.3	8.01e-03	11.8	11.8	11.8	11.8	2.2	-36.3	14.2	28.3	10.9	6.9
10955	ok	0.0	0.3	9.34e-03	11.8	11.8	11.8	11.8	10.0	-69.0	-11.4	18.3	28.6	12.8
10956	ok	0.0	0.9	9.62e-03	11.8	11.8	11.8	11.8	-23.9	-45.0	7.5	72.8	90.1	14.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10957	ok	0.0	0.5	9.60e-03	11.8	11.8	11.8	11.8	-9.2	-70.4	-11.5	21.6	46.5	22.0
10958	ok	0.0	0.3	8.07e-03	11.8	11.8	11.8	11.8	-16.9	47.1	28.2	1.0	-32.8	-5.5
10959	ok	0.0	0.3	7.92e-03	11.8	11.8	11.8	11.8	-6.8	-5.7	1.9	12.5	-18.3	3.0
10960	ok	0.0	0.3	7.31e-03	11.8	11.8	11.8	11.8	3.9	-35.7	14.5	16.2	6.3	9.4
10961	ok	0.0	0.1	5.25e-03	11.8	11.8	11.8	11.8	0.2	6.5	-19.6	3.9	-12.3	-0.3
10962	ok	0.0	0.1	5.23e-03	11.8	11.8	11.8	11.8	-1.5	9.6	-20.0	4.4	-13.6	2.5
10963	ok	0.0	0.3	7.95e-03	11.8	11.8	11.8	11.8	-16.8	41.8	28.2	-2.5	-30.7	-6.8
10964	ok	0.0	0.2	8.59e-03	11.8	11.8	11.8	11.8	11.1	-46.8	-27.3	10.7	25.6	6.5
10965	ok	0.0	0.4	7.78e-03	11.8	11.8	11.8	11.8	1.6	18.8	37.0	-16.0	-39.9	-1.2
10966	ok	0.0	0.3	8.38e-03	11.8	11.8	11.8	11.8	2.9	18.6	17.9	-19.7	-32.2	4.5
10967	ok	0.0	0.3	8.00e-03	11.8	11.8	11.8	11.8	1.3	25.2	36.6	-13.3	-35.5	-3.2
10968	ok	0.0	0.3	8.34e-03	11.8	11.8	11.8	11.8	-14.6	30.9	33.9	-8.9	-30.7	-5.9
10969	ok	0.0	0.3	8.66e-03	11.8	11.8	11.8	11.8	2.9	16.3	18.3	-17.7	-26.0	2.9
10970	ok	0.0	0.2	8.09e-03	11.8	11.8	11.8	11.8	-4.0	32.3	35.3	-10.0	-20.6	-1.3
10971	ok	0.0	0.4	6.95e-03	11.8	11.8	11.8	11.8	-3.2	15.5	15.9	-19.7	-41.5	3.1
10972	ok	0.0	0.3	7.57e-03	11.8	11.8	11.8	11.8	-1.2	14.4	17.3	-20.8	-36.8	5.4
10973	ok	0.0	0.4	9.06e-03	11.8	11.8	11.8	11.8	-5.4	-8.0	4.7	-27.8	-43.8	6.6
10974	ok	0.0	0.4	1.07e-02	11.8	11.8	11.8	11.8	20.4	8.1	23.8	-25.2	-41.2	1.3
10975	ok	0.0	0.4	8.88e-03	11.8	11.8	11.8	11.8	-6.2	-6.2	5.0	-26.7	-45.1	7.7
10976	ok	0.0	0.4	8.38e-03	11.8	11.8	11.8	11.8	-7.0	-4.6	4.9	-25.2	-45.5	8.2
10977	ok	0.0	0.4	7.68e-03	11.8	11.8	11.8	11.8	-7.6	-3.3	4.5	-23.3	-44.9	7.9
10978	ok	0.0	0.4	7.04e-03	11.8	11.8	11.8	11.8	-8.1	-2.4	3.9	-21.3	-43.1	6.7
10979	ok	0.0	0.4	1.03e-02	11.8	11.8	11.8	11.8	17.0	7.2	16.5	-24.6	-42.8	2.4
10980	ok	0.0	0.4	9.44e-03	11.8	11.8	11.8	11.8	13.6	7.0	6.3	-23.7	-43.5	3.1
10981	ok	0.0	0.4	8.44e-03	11.8	11.8	11.8	11.8	10.7	7.0	29.4	-22.5	-43.4	3.4
10982	ok	0.0	0.4	7.79e-03	11.8	11.8	11.8	11.8	0.2	14.2	16.6	-21.3	-39.6	5.9
10983	ok	0.0	0.4	6.43e-03	11.8	11.8	11.8	11.8	-8.0	-2.3	3.0	-18.5	-45.4	3.2
10984	ok	0.0	0.4	7.82e-03	11.8	11.8	11.8	11.8	-5.1	-7.7	4.3	-29.7	-48.4	7.5
10985	ok	0.0	0.4	7.89e-03	11.8	11.8	11.8	11.8	-5.8	-6.2	4.6	-28.2	-49.8	8.4
10986	ok	0.0	0.4	7.58e-03	11.8	11.8	11.8	11.8	-6.5	-4.8	4.5	-26.0	-50.3	8.4
10987	ok	0.0	0.4	6.97e-03	11.8	11.8	11.8	11.8	-7.1	-3.6	4.2	-23.6	-49.9	7.6
10988	ok	0.0	0.4	6.46e-03	11.8	11.8	11.8	11.8	-7.6	-2.8	3.6	-21.0	-48.4	5.8
10989	ok	0.0	0.4	7.36e-03	11.8	11.8	11.8	11.8	-18.1	41.5	28.1	-5.3	-38.5	-8.3
10990	ok	0.0	0.4	6.16e-03	11.8	11.8	11.8	11.8	1.3	13.0	34.2	-14.7	-42.5	-2.6
10991	ok	0.0	0.4	7.47e-03	11.8	11.8	11.8	11.8	2.6	23.3	32.7	-12.1	-39.3	-5.0
10992	ok	0.0	0.4	7.79e-03	11.8	11.8	11.8	11.8	-13.6	29.3	30.8	-8.9	-36.4	-6.9
10993	ok	0.0	0.4	7.06e-03	11.8	11.8	11.8	11.8	-17.2	35.8	24.6	-6.1	-39.4	-8.2
10994	ok	0.0	0.4	5.79e-03	11.8	11.8	11.8	11.8	-7.4	-2.7	2.3	-14.1	-47.7	-2.0
10995	ok	0.0	0.4	7.06e-03	11.8	11.8	11.8	11.8	-5.9	22.3	30.7	-11.0	-42.9	-6.3
10996	ok	0.0	0.4	7.22e-03	11.8	11.8	11.8	11.8	-14.8	27.3	29.1	-8.9	-40.8	-8.0
10997	ok	0.0	0.4	6.00e-03	11.8	11.8	11.8	11.8	-7.3	-2.7	2.8	-17.0	-51.2	1.6
10998	ok	0.0	0.4	1.70e-02	11.8	11.8	11.8	11.8	52.9	0.2	9.8	-37.0	-1.8	-9.1
10999	ok	0.0	0.3	1.08e-02	11.8	11.8	11.8	11.8	40.7	-2.6	18.7	-21.2	-6.6	-11.2
11000	ok	0.0	0.5	2.31e-02	11.8	11.8	11.8	11.8	72.9	0.5	15.5	-35.2	-1.5	-12.7
11001	ok	0.0	0.4	1.24e-02	11.8	11.8	11.8	11.8	33.2	0.8	15.1	-32.2	-4.9	-9.4
11002	ok	0.0	0.3	8.70e-03	11.8	11.8	11.8	11.8	22.1	0.7	14.6	-27.4	-4.5	-9.3
11003	ok	0.0	0.3	8.30e-03	11.8	11.8	11.8	11.8	28.1	-1.9	11.2	-22.3	-6.8	-9.4
11004	ok	0.0	0.3	1.31e-02	11.8	11.8	11.8	11.8	-87.7	18.1	-35.3	18.9	24.4	6.9
11005	ok	0.0	0.4	1.27e-02	11.8	11.8	11.8	11.8	30.7	0.1	20.2	-27.7	-3.2	-14.1
11006	ok	0.0	0.3	8.87e-03	11.8	11.8	11.8	11.8	22.5	8.1	-1.0	-24.4	-7.2	-6.7
11007	ok	0.0	0.3	8.15e-03	11.8	11.8	11.8	11.8	46.2	-10.8	7.8	-25.5	-9.8	-4.8
11008	ok	0.0	0.4	1.14e-02	11.8	11.8	11.8	11.8	-66.9	-12.4	15.0	-42.8	-13.8	20.7
11009	ok	0.0	0.2	9.05e-03	11.8	11.8	11.8	11.8	0.8	1.4	-10.7	-8.2	-5.8	19.8
11010	ok	0.0	0.4	1.26e-02	11.8	11.8	11.8	11.8	4.8	1.07e-02	-0.1	-45.5	-1.5	7.2
11011	ok	0.0	0.4	9.97e-03	11.8	11.8	11.8	11.8	5.0	-2.43e-02	-3.53e-02	-43.8	-1.4	11.9
11012	ok	0.0	0.4	9.19e-03	11.8	11.8	11.8	11.8	-18.1	-0.8	2.2	-36.9	-2.5	16.1
11013	ok	0.0	0.3	4.47e-03	11.8	11.8	11.8	11.8	-21.4	-9.5	1.1	-24.9	5.8	23.9
11014	ok	0.0	0.3	4.96e-03	11.8	11.8	11.8	11.8	6.9	2.4	-6.9	-16.0	-9.4	20.0
11015	ok	0.0	0.3	6.33e-03	11.8	11.8	11.8	11.8	1.6	2.4	-3.9	-14.2	-11.5	14.3
11016	ok	0.0	0.2	9.79e-03	11.8	11.8	11.8	11.8	-5.9	-16.3	-33.6	-13.5	2.9	20.0
11017	ok	0.0	0.3	1.00e-02	11.8	11.8	11.8	11.8	-14.2	-0.5	-26.6	-14.0	7.6	16.7
11018	ok	0.0	0.3	1.02e-02	11.8	11.8	11.8	11.8	32.6	-0.9	19.7	-21.6	-8.1	-9.8
11019	ok	0.0	0.3	6.97e-03	11.8	11.8	11.8	11.8	8.3	-2.4	-0.6	-31.8	-3.6	19.3
11020	ok	0.0	0.4	9.05e-03	11.8	11.8	11.8	11.8	5.5	-0.6	-0.8	-38.2	-3.4	14.1
11021	ok	0.0	0.4	1.09e-02	11.8	11.8	11.8	11.8	4.0	0.1	-0.8	-39.5	-3.4	9.1
11022	ok	0.0	0.3	6.97e-03	11.8	11.8	11.8	11.8	6.7	-0.7	-4.1	-26.5	-5.7	16.0
11023	ok	0.0	0.3	8.12e-03	11.8	11.8	11.8	11.8	4.9	-0.3	-2.9	-33.3	-4.8	12.4
11024	ok	0.0	0.3	8.49e-03	11.8	11.8	11.8	11.8	2.9	0.5	-2.4	-33.7	-3.8	8.9
11025	ok	0.0	0.3	8.19e-03	11.8	11.8	11.8	11.8	3.1	0.7	-4.6	-21.8	-7.5	12.3
11026	ok	0.0	0.2	8.78e-03	11.8	11.8	11.8	11.8	-11.5	-0.8	-19.4	-15.0	5.0	18.6
11027	ok	0.0	0.3	8.69e-03	11.8	11.8	11.8	11.8	25.2	-0.2	14.4	-23.5	-8.8	-7.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11028	ok	0.0	0.3	3.73e-03	11.8	11.8	11.8	11.8	-0.6	-9.8	-8.1	8.9	-31.5	4.4
11029	ok	0.0	0.3	3.51e-03	11.8	11.8	11.8	11.8	-0.2	-9.9	-6.6	23.4	-32.6	10.8
11030	ok	0.0	0.3	4.27e-03	11.8	11.8	11.8	11.8	-4.0	-8.1	-12.8	-37.7	-32.8	-7.1
11031	ok	0.0	0.3	4.16e-03	11.8	11.8	11.8	11.8	0.3	-10.6	-13.4	-35.5	-29.3	-7.0
11032	ok	0.0	0.4	1.40e-02	11.8	11.8	11.8	11.8	0.1	-75.3	23.2	-25.8	56.0	5.0
11033	ok	0.0	0.3	4.26e-03	11.8	11.8	11.8	11.8	-1.9	-9.4	-13.2	-36.3	-32.1	-7.0
11034	ok	0.0	0.3	4.26e-03	11.8	11.8	11.8	11.8	-3.6	-8.1	-11.7	-31.7	-31.6	-5.5
11035	ok	0.0	0.3	4.03e-03	11.8	11.8	11.8	11.8	0.3	-10.7	-12.3	-27.4	-27.9	-7.1
11036	ok	0.0	0.3	4.19e-03	11.8	11.8	11.8	11.8	-1.6	-9.4	-12.1	-29.2	-31.1	-6.2
11037	ok	0.0	0.4	4.27e-03	11.8	11.8	11.8	11.8	-4.4	-8.1	-13.6	-41.0	-33.9	-7.9
11038	ok	0.0	0.3	4.21e-03	11.8	11.8	11.8	11.8	0.2	-10.5	-14.2	-40.5	-30.6	-6.6
11039	ok	0.0	0.3	4.21e-03	11.8	11.8	11.8	11.8	-2.1	-9.3	-14.0	-40.5	-33.2	-7.2
11040	ok	0.0	0.4	4.28e-03	11.8	11.8	11.8	11.8	-4.7	-8.0	-14.4	-42.9	-35.2	-8.2
11041	ok	0.0	0.6	1.39e-02	11.8	11.8	11.8	11.8	-2.6	-90.0	25.7	26.6	65.1	-13.9
11042	ok	0.0	0.4	4.18e-03	11.8	11.8	11.8	11.8	9.54e-02	-10.3	-15.1	-43.9	-32.0	-5.8
11044	ok	0.0	1.0	5.96e-02	11.8	17.0	11.8	11.8	-225.3	-162.0	105.8	151.8	33.6	8.8
11045	ok	0.0	0.7	4.76e-02	11.8	11.8	11.8	11.8	-137.8	-41.8	65.3	72.2	15.0	17.7
11046	ok	0.0	0.5	4.66e-02	11.8	11.8	11.8	11.8	-152.9	-16.3	56.9	35.5	6.9	10.2
11047	ok	0.0	0.4	2.80e-02	11.8	11.8	11.8	11.8	-108.0	-10.4	30.6	20.8	4.3	10.7
11048	ok	0.0	0.4	2.09e-02	11.8	11.8	11.8	11.8	71.7	5.2	-18.4	-35.4	-1.6	-3.1
11049	ok	0.0	0.4	1.65e-02	11.8	11.8	11.8	11.8	56.0	3.2	-12.6	-33.0	-2.0	-6.8
11050	ok	0.0	0.3	1.31e-02	11.8	11.8	11.8	11.8	54.9	2.3	-12.3	-24.6	-2.0	-10.6
11056	ok	0.0	0.4	1.91e-02	11.8	11.8	11.8	11.8	55.3	0.6	20.0	-27.6	-1.3	-19.3
11057	ok	0.0	0.5	7.44e-03	11.8	11.8	11.8	11.8	-8.4	-39.5	20.5	-18.0	-63.6	2.1
11058	ok	0.0	0.2	1.10e-02	11.8	11.8	11.8	11.8	-27.4	1.2	6.8	-9.4	-0.1	-22.5
11059	ok	0.0	0.5	9.72e-03	11.8	11.8	11.8	11.8	31.1	-1.3	-3.5	34.7	2.2	-34.9
11060	ok	0.0	0.9	1.03e-02	11.8	12.4	11.8	11.8	33.8	1.2	-0.4	98.0	-0.3	-24.9
11061	ok	0.0	0.6	9.48e-03	11.8	11.8	11.8	11.8	-15.6	1.1	3.3	14.0	-7.9	58.0
11062	ok	0.0	0.3	8.73e-03	11.8	11.8	11.8	11.8	-45.9	-1.0	-5.2	-13.1	-4.0	28.4
11063	ok	0.0	0.2	9.23e-03	11.8	11.8	11.8	11.8	-44.4	0.2	-4.1	-17.8	-4.8	20.0
11064	ok	0.0	0.2	1.02e-02	11.8	11.8	11.8	11.8	-41.3	1.0	-6.4	-21.8	-4.9	9.1
11065	ok	0.0	0.2	1.10e-02	11.8	11.8	11.8	11.8	-55.1	-3.0	-6.5	-25.4	-3.2	-9.2
11066	ok	0.0	0.2	1.18e-02	11.8	11.8	11.8	11.8	-52.6	-3.2	-8.6	-23.4	-4.4	-17.1
11067	ok	0.0	1.0	1.07e-02	11.8	14.0	11.8	11.8	16.3	4.1	-8.7	135.1	-3.4	-6.2
11068	ok	0.0	0.3	1.20e-02	11.8	11.8	11.8	11.8	-75.2	-4.7	-18.3	-21.0	-5.8	-27.7
11069	ok	0.0	0.5	1.12e-02	11.8	11.8	11.8	11.8	-38.7	3.8	-11.0	-15.6	1.6	-49.9
11070	ok	0.0	0.6	1.22e-02	11.8	11.8	11.8	11.8	-22.8	-3.0	-2.0	37.2	4.8	-57.3
11072	ok	0.0	0.5	5.46e-03	11.8	11.8	11.8	11.8	-28.2	-5.6	-15.6	21.5	-36.2	-42.5
11073	ok	0.0	0.5	3.41e-03	11.8	11.8	11.8	11.8	-7.9	-2.0	-5.6	13.2	-42.7	-40.4
11074	ok	0.0	0.5	2.18e-03	11.8	11.8	11.8	11.8	-4.8	-0.9	-3.8	12.6	-45.6	-41.0
11076	ok	0.0	0.5	2.51e-02	11.8	11.8	11.8	11.8	82.1	4.6	6.3	-31.3	0.9	-5.9
11077	ok	0.0	0.4	1.55e-02	11.8	11.8	11.8	11.8	45.4	0.5	15.4	-35.2	-2.8	-9.9
11078	ok	0.0	0.4	1.92e-02	11.8	11.8	11.8	11.8	55.8	8.5	20.3	-32.6	-2.5	-14.5
11079	ok	0.0	0.4	8.05e-03	11.8	11.8	11.8	11.8	-44.0	-8.2	16.7	-48.9	-0.9	23.8
11080	ok	0.0	0.4	8.15e-03	11.8	11.8	11.8	11.8	-14.4	-0.6	4.0	-35.1	-2.2	19.3
11081	ok	0.0	0.4	9.66e-03	11.8	11.8	11.8	11.8	5.0	-0.3	-5.42e-02	-41.8	-2.0	14.4
11082	ok	0.0	0.4	1.22e-02	11.8	11.8	11.8	11.8	4.5	8.88e-03	-0.3	-43.4	-2.2	9.0
11083	ok	0.0	0.4	4.07e-03	11.8	11.8	11.8	11.8	-2.3	-9.1	-14.8	-43.1	-34.5	-7.0
11084	ok	0.0	0.4	4.29e-03	11.8	11.8	11.8	11.8	-5.3	-7.9	-15.4	-42.6	-37.2	-7.9
11085	ok	0.0	0.4	4.15e-03	11.8	11.8	11.8	11.8	-9.80e-02	-9.9	-16.2	-45.5	-34.1	-4.1
11086	ok	0.0	0.3	1.25e-02	11.8	11.8	11.8	11.8	-9.5	-4.8	-35.0	-2.1	40.2	-2.9
11087	ok	0.0	0.3	1.20e-02	11.8	11.8	11.8	11.8	-43.4	7.0	-34.7	3.8	24.5	14.9
11088	ok	0.0	0.3	1.15e-02	11.8	11.8	11.8	11.8	-29.7	-1.6	-49.4	3.4	32.5	12.9
11089	ok	0.0	0.3	1.19e-02	11.8	11.8	11.8	11.8	-23.3	-3.6	-44.6	1.5	39.4	5.8
11090	ok	0.0	0.5	1.05e-02	11.8	11.8	11.8	11.8	-3.7	-1.5	-35.9	10.3	61.1	-3.6
11091	ok	0.0	0.4	1.47e-02	11.8	11.8	11.8	11.8	-83.3	14.6	-56.1	26.1	34.5	7.2
11092	ok	0.0	0.4	1.19e-02	11.8	11.8	11.8	11.8	-31.9	8.2	-57.8	19.7	48.0	17.6
11093	ok	0.0	0.5	1.12e-02	11.8	11.8	11.8	11.8	-4.2	-1.4	-49.1	13.2	59.8	10.6
11094	ok	0.0	0.4	2.07e-02	11.8	11.8	11.8	11.8	127.7	14.9	24.4	29.2	20.1	3.2
11095	ok	0.0	0.2	1.17e-02	11.8	11.8	11.8	11.8	1.0	1.0	-9.3	-7.2	-7.3	17.4
11096	ok	0.0	0.2	1.33e-02	11.8	11.8	11.8	11.8	-16.8	-27.1	-43.1	-15.7	6.6	-6.1
11097	ok	0.0	0.9	1.06e-02	14.0	11.8	11.8	11.8	-80.8	7.2	5.1	-79.3	-29.1	-74.6
11098	ok	0.0	0.2	1.82e-02	11.8	11.8	11.8	11.8	-102.6	-22.2	-48.4	-23.9	12.2	-6.9
11099	ok	0.0	0.2	1.60e-02	11.8	11.8	11.8	11.8	-0.2	-6.0	-12.2	-17.8	16.8	-6.1
11100	ok	0.0	0.3	1.43e-02	11.8	11.8	11.8	11.8	-1.3	-4.0	-9.8	-16.4	19.3	-6.9
11101	ok	0.0	0.2	1.12e-02	11.8	11.8	11.8	11.8	-9.7	-18.2	-33.1	-13.1	5.6	16.5
11102	ok	0.0	0.3	1.11e-02	11.8	11.8	11.8	11.8	-21.1	-1.8	-27.1	-13.5	10.2	14.0
11103	ok	0.0	0.3	1.14e-02	11.8	11.8	11.8	11.8	-27.8	1.1	-32.6	-9.6	17.3	13.7
11104	ok	0.0	0.2	1.27e-02	11.8	11.8	11.8	11.8	-24.7	-4.1	-31.5	-17.5	9.8	10.2
11105	ok	0.0	0.2	1.23e-02	11.8	11.8	11.8	11.8	-31.6	-3.2	-33.6	-12.9	14.0	9.7
11106	ok	0.0	0.3	1.18e-02	11.8	11.8	11.8	11.8	-34.2	-0.1	-35.7	-9.4	22.6	9.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11107	ok	0.0	0.2	1.58e-02	11.8	11.8	11.8	11.8	-52.4	-30.0	-43.8	-22.6	8.8	-5.8
11108	ok	0.0	0.2	1.42e-02	11.8	11.8	11.8	11.8	5.4	-6.9	-9.0	-18.9	14.0	-4.1
11109	ok	0.0	0.3	1.31e-02	11.8	11.8	11.8	11.8	-44.5	-1.3	-36.6	-10.1	25.0	5.6
11110	ok	0.0	0.4	4.02e-03	11.8	11.8	11.8	11.8	-2.7	-8.9	-15.9	-43.9	-36.5	-5.9
11111	ok	0.0	0.3	3.86e-03	11.8	11.8	11.8	11.8	-6.5	-7.5	-16.9	-32.0	-42.3	-4.4
11112	ok	0.0	0.3	4.06e-03	11.8	11.8	11.8	11.8	-0.8	-8.5	-17.9	-38.5	-38.0	1.7
11113	ok	0.0	0.3	3.96e-03	11.8	11.8	11.8	11.8	-3.7	-8.0	-17.5	-35.2	-41.2	-1.0
11114	ok	0.0	1.0	1.64e-02	11.8	12.6	11.8	20.2	-7.1	-98.7	-0.7	55.8	147.5	-68.1
11115	ok	0.0	0.4	3.92e-03	11.8	11.8	11.8	11.8	-5.9	-7.7	-16.3	-38.9	-39.6	-6.6
11116	ok	0.0	0.4	4.11e-03	11.8	11.8	11.8	11.8	-0.4	-9.3	-17.2	-43.7	-36.2	-1.6
11117	ok	0.0	0.3	3.99e-03	11.8	11.8	11.8	11.8	-3.1	-8.5	-16.8	-41.2	-38.8	-3.9
11118	ok	0.0	0.4	3.75e-03	11.8	11.8	11.8	11.8	-7.9	-6.7	-16.9	-10.0	-48.7	3.2
11119	ok	0.0	0.2	8.47e-03	11.8	11.8	11.8	11.8	-9.7	-41.0	23.8	-25.2	-35.0	2.2
11120	ok	0.0	0.4	8.04e-03	11.8	11.8	11.8	11.8	-8.9	-40.2	22.1	-21.5	-50.8	2.0
11121	ok	0.0	0.5	7.75e-03	11.8	11.8	11.8	11.8	-7.4	-43.1	19.9	-17.0	-63.5	5.0
11122	ok	0.0	0.2	8.93e-03	11.8	11.8	11.8	11.8	-8.2	-45.4	23.2	-24.9	-35.1	5.8
11123	ok	0.0	0.4	8.42e-03	11.8	11.8	11.8	11.8	-7.9	-44.4	21.6	-20.7	-50.8	5.3
11124	ok	0.0	0.5	4.79e-03	11.8	11.8	11.8	11.8	-21.5	-2.8	-5.0	21.4	-48.6	24.8
11125	ok	0.0	0.5	5.21e-03	11.8	11.8	11.8	11.8	-8.7	-27.8	14.6	-9.0	-69.1	-1.8
11126	ok	0.0	0.6	5.28e-03	11.8	11.8	11.8	11.8	-18.7	-7.7	13.1	-19.2	-67.7	-8.8
11127	ok	0.0	0.4	4.01e-03	11.8	11.8	11.8	11.8	-2.0	-5.9	-18.4	-19.2	-40.7	10.7
11128	ok	0.0	0.4	3.78e-03	11.8	11.8	11.8	11.8	-5.0	-6.2	-17.6	-14.8	-46.2	7.4
11129	ok	0.0	0.5	4.10e-03	11.8	11.8	11.8	11.8	-17.9	-0.8	-6.9	20.2	-55.7	21.2
11130	ok	0.0	0.5	4.78e-03	11.8	11.8	11.8	11.8	-19.2	-6.0	-7.6	35.2	-50.4	21.4
11131	ok	0.0	0.5	5.59e-03	11.8	11.8	11.8	11.8	-18.2	-6.3	15.0	-17.5	-65.2	-6.6
11132	ok	0.0	0.6	5.48e-03	11.8	11.8	11.8	11.8	-15.2	-15.0	15.1	-13.6	-69.5	-8.1
11133	ok	0.0	0.3	6.24e-03	11.8	11.8	11.8	11.8	-18.1	-8.9	-15.7	8.4	-31.9	-12.9
11134	ok	0.0	0.5	4.06e-03	11.8	11.8	11.8	11.8	-15.8	-3.6	-9.5	28.0	-57.3	19.8
11135	ok	0.0	0.4	8.76e-03	11.8	11.8	11.8	11.8	-13.4	-1.3	-4.5	-52.3	-4.9	-10.3
11136	ok	0.0	0.5	5.87e-03	11.8	11.8	11.8	11.8	-15.2	-13.8	17.2	-14.1	-66.4	-7.7
11137	ok	0.0	0.4	3.78e-03	11.8	11.8	11.8	11.8	-7.2	-7.2	-17.2	-21.9	-45.3	-1.1
11138	ok	0.0	0.5	4.72e-03	11.8	11.8	11.8	11.8	-23.1	-0.3	-3.4	7.6	-47.4	23.1
11139	ok	0.0	0.6	5.35e-03	11.8	11.8	11.8	11.8	-17.0	-11.2	14.1	-15.8	-68.9	-8.8
11140	ok	0.0	0.5	8.43e-03	11.8	11.8	11.8	11.8	-4.7	-53.4	16.7	-10.4	-63.9	12.5
11141	ok	0.0	0.3	1.01e-02	11.8	11.8	11.8	11.8	-5.9	-58.9	20.1	-17.6	-35.5	15.1
11142	ok	0.0	0.4	9.30e-03	11.8	11.8	11.8	11.8	-5.3	-56.3	18.5	-14.0	-51.1	14.0
11143	ok	0.0	0.4	4.65e-03	11.8	11.8	11.8	11.8	-24.2	8.1	6.1	-41.4	-50.5	2.6
11144	ok	0.0	0.3	1.08e-02	11.8	11.8	11.8	11.8	-4.2	-67.7	17.3	-10.7	-36.0	18.8
11145	ok	0.0	0.5	8.12e-03	11.8	11.8	11.8	11.8	-17.4	-3.6	-10.1	-53.0	-20.2	-17.2
11146	ok	0.0	0.4	1.49e-03	11.8	11.8	11.8	11.8	-0.3	3.6	0.2	6.4	-24.7	-30.7
11147	ok	0.0	0.5	8.66e-03	11.8	11.8	11.8	11.8	-3.4	-58.3	14.2	-5.6	-64.3	15.4
11148	ok	0.0	0.3	1.10e-02	11.8	11.8	11.8	11.8	-3.9	-69.4	16.6	-8.7	-35.8	20.1
11149	ok	0.0	0.2	8.13e-03	11.8	11.8	11.8	11.8	-9.7	-3.2	2.8	-1.2	14.8	-8.5
11150	ok	0.0	0.2	1.06e-02	11.8	11.8	11.8	11.8	-8.9	-2.6	-0.9	-19.3	-0.1	6.0
11151	ok	0.0	0.4	2.39e-03	11.8	11.8	11.8	11.8	5.2	-1.3	-2.9	-20.2	-24.7	28.1
11152	ok	0.0	0.2	1.12e-02	11.8	11.8	11.8	11.8	-74.7	-3.7	3.0	-25.6	0.8	-3.4
11153	ok	0.0	0.3	6.66e-03	11.8	11.8	11.8	11.8	-26.7	-2.5	-4.2	11.2	18.4	25.2
11154	ok	0.0	0.2	1.07e-02	11.8	11.8	11.8	11.8	-61.7	-0.5	-9.51e-03	-25.9	0.6	-4.7
11155	ok	0.0	0.2	1.01e-02	11.8	11.8	11.8	11.8	-62.0	0.4	9.48e-03	-26.4	0.4	-4.1
11156	ok	0.0	0.2	9.36e-03	11.8	11.8	11.8	11.8	-61.4	0.8	-5.54e-02	-25.1	0.7	-3.6
11157	ok	0.0	0.2	8.32e-03	11.8	11.8	11.8	11.8	-59.7	1.0	5.45e-02	-23.1	-1.5	-2.8
11159	ok	0.0	0.3	4.01e-03	11.8	11.8	11.8	11.8	-2.6	-7.1	-3.7	27.0	-15.6	20.3
11160	ok	0.0	0.3	1.15e-02	11.8	11.8	11.8	11.8	-3.0	-73.9	14.8	-2.1	-38.2	10.2
11161	ok	0.0	0.6	5.75e-03	11.8	11.8	11.8	11.8	-6.3	-37.4	14.8	-7.9	-79.9	1.3
11162	ok	0.0	0.3	1.42e-03	11.8	11.8	11.8	11.8	0.3	6.9	0.4	-6.9	-14.7	22.1
11163	ok	0.0	0.5	4.78e-03	11.8	11.8	11.8	11.8	-2.8	-5.4	-1.7	52.7	16.6	25.7
11164	ok	0.0	0.4	3.99e-03	11.8	11.8	11.8	11.8	-1.3	-7.4	-18.4	-30.2	-39.5	5.8
11165	ok	0.0	0.9	1.27e-02	18.3	38.1	11.8	35.7	-7.3	-88.4	15.9	284.7	150.7	-84.9
11166	ok	0.0	0.4	3.83e-03	11.8	11.8	11.8	11.8	-4.3	-7.2	-17.8	-26.1	-43.7	2.8
11167	ok	0.0	0.5	3.48e-03	11.8	11.8	11.8	11.8	-10.8	-3.6	-13.7	21.0	-56.8	16.7
11168	ok	0.0	0.4	3.59e-03	11.8	11.8	11.8	11.8	-5.1	-0.3	-16.3	18.7	-43.5	22.2
11169	ok	0.0	0.5	3.45e-03	11.8	11.8	11.8	11.8	-8.0	-1.9	-15.0	18.7	-52.4	19.3
11170	ok	0.0	0.3	1.46e-02	11.8	11.8	11.8	11.8	-25.5	-2.6	-18.7	6.5	25.9	-11.7
11171	ok	0.0	0.3	1.50e-02	11.8	11.8	11.8	11.8	-24.2	0.8	-19.1	17.4	29.7	-15.5
11172	ok	0.0	0.3	1.40e-02	11.8	11.8	11.8	11.8	-21.4	-2.8	-25.0	4.4	33.2	-11.7
11173	ok	0.0	0.3	1.33e-02	11.8	11.8	11.8	11.8	-15.5	-3.1	-34.2	1.7	38.7	-7.2
11174	ok	0.0	0.5	1.20e-02	11.8	11.8	11.8	11.8	-10.2	-1.3	-34.1	12.2	56.8	-11.5
11175	ok	0.0	0.4	1.43e-02	11.8	11.8	11.8	11.8	-19.2	-0.1	-23.4	16.8	44.5	-17.0
11176	ok	0.0	0.2	1.88e-02	11.8	11.8	11.8	11.8	-126.6	-30.1	-3.0	-10.6	17.2	-7.5
11177	ok	0.0	0.2	1.50e-02	11.8	11.8	11.8	11.8	-27.3	-4.6	-16.5	-7.0	24.1	-8.9
11178	ok	0.0	0.2	1.60e-02	11.8	11.8	11.8	11.8	-32.4	-14.2	-13.8	-12.0	23.2	-7.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11179	ok	0.0	0.2	1.74e-02	11.8	11.8	11.8	11.8	-115.6	-18.2	-9.6	-17.7	15.8	-7.9
11180	ok	0.0	0.3	2.38e-02	11.8	11.8	11.8	11.8	70.1	33.9	14.2	21.9	19.9	-1.1
11181	ok	0.0	0.4	2.30e-02	11.8	11.8	11.8	11.8	113.0	34.9	17.5	38.2	22.1	2.3
11182	ok	0.0	0.2	1.92e-02	11.8	11.8	11.8	11.8	-60.4	-17.7	-30.1	-18.8	25.5	-7.1
11183	ok	0.0	0.2	1.98e-02	11.8	11.8	11.8	11.8	-71.0	-11.4	-22.4	-17.1	24.3	-5.6
11184	ok	0.0	0.2	1.69e-02	11.8	11.8	11.8	11.8	-50.2	-15.8	-26.6	-14.3	25.3	-5.3
11185	ok	0.0	0.2	1.66e-02	11.8	11.8	11.8	11.8	-29.4	-14.5	-19.0	-13.9	24.3	-7.5
11186	ok	0.0	0.3	1.47e-02	11.8	11.8	11.8	11.8	-42.0	-5.6	-26.8	-9.4	29.3	-6.4
11187	ok	0.0	0.3	1.50e-02	11.8	11.8	11.8	11.8	-24.2	-4.1	-24.1	-8.2	27.7	-8.4
11188	ok	0.0	0.5	3.57e-03	11.8	11.8	11.8	11.8	-9.6	-5.0	-15.3	12.4	-54.6	12.6
11189	ok	0.0	0.4	3.68e-03	11.8	11.8	11.8	11.8	-8.6	-6.1	-16.6	1.7	-51.8	7.8
11190	ok	0.0	0.4	3.82e-03	11.8	11.8	11.8	11.8	-3.8	-2.4	-17.7	5.7	-42.5	19.5
11191	ok	0.0	0.4	1.45e-03	11.8	11.8	11.8	11.8	0.3	7.3	0.6	-6.6	-24.9	33.8
11192	ok	0.0	0.9	1.17e-02	11.8	15.3	11.8	11.8	-65.7	0.7	-5.1	138.5	3.6	26.6
11193	ok	0.0	0.2	7.38e-03	11.8	11.8	11.8	11.8	-5.0	-8.24e-02	-0.9	17.9	1.3	5.8
11194	ok	0.0	0.3	9.29e-03	11.8	11.8	11.8	11.8	-4.6	2.26e-02	-1.4	25.8	0.7	5.4
11195	ok	0.0	0.5	4.42e-03	11.8	11.8	11.8	11.8	2.8	-0.5	0.3	-52.6	-11.5	-10.0
11196	ok	0.0	0.6	1.45e-03	11.8	11.8	11.8	11.8	0.2	8.0	0.3	-5.1	-38.4	44.5
11197	ok	0.0	0.6	5.99e-03	11.8	11.8	11.8	11.8	-5.4	-39.4	14.6	-7.0	-80.8	3.3
11198	ok	0.0	0.5	9.27e-03	11.8	11.8	11.8	11.8	-20.2	-2.3	-7.9	-54.5	-13.6	-20.4
11199	ok	0.0	0.4	4.36e-03	11.8	11.8	11.8	11.8	2.6	-0.8	-0.1	-46.6	-11.9	-9.9
11200	ok	0.0	0.5	1.52e-03	11.8	11.8	11.8	11.8	-1.7	1.6	-1.1	11.4	-40.4	-39.2
11201	ok	0.0	0.5	4.20e-03	11.8	11.8	11.8	11.8	-1.7	-8.9	-2.2	47.7	-14.9	24.5
11202	ok	0.0	0.2	1.34e-02	11.8	11.8	11.8	11.8	-4.6	-92.9	19.5	-1.4	13.8	2.0
11203	ok	0.0	0.2	2.51e-04	11.8	11.8	11.8	11.8	26.4	3.5	-1.8	-1.7	-13.1	11.4
11204	ok	0.0	0.5	4.09e-03	11.8	11.8	11.8	11.8	-19.5	1.5	-5.1	9.8	-53.7	19.4
11205	ok	0.0	0.5	4.66e-03	11.8	11.8	11.8	11.8	-24.0	1.3	-2.5	-1.2	-46.9	20.9
11206	ok	0.0	0.8	1.80e-02	11.8	11.8	11.8	11.8	-3.2	-48.7	-4.0	67.6	98.8	16.1
11207	ok	0.0	0.5	4.08e-03	11.8	11.8	11.8	11.8	-20.3	3.2	-3.7	2.4	-52.3	17.4
11208	ok	0.0	0.4	4.72e-03	11.8	11.8	11.8	11.8	-25.9	5.3	0.3	-26.8	-46.9	12.1
11209	ok	0.0	0.5	5.73e-03	11.8	11.8	11.8	11.8	-16.7	-9.9	16.2	-15.1	-66.2	-7.5
11210	ok	0.0	0.6	5.61e-03	11.8	11.8	11.8	11.8	-12.0	-21.7	16.3	-12.1	-69.4	-5.2
11211	ok	0.0	0.3	2.34e-03	11.8	11.8	11.8	11.8	-13.1	-12.3	-2.7	21.4	22.5	8.4
11212	ok	0.0	0.5	6.11e-03	11.8	11.8	11.8	11.8	-12.3	-21.1	18.5	-14.4	-65.7	-5.7
11213	ok	0.0	0.6	5.55e-03	11.8	11.8	11.8	11.8	-13.6	-18.3	15.8	-12.6	-69.6	-6.9
11214	ok	0.0	0.3	5.12e-03	11.8	11.8	11.8	11.8	-7.4	-4.9	-9.1	-33.5	-23.1	-3.5
11215	ok	0.0	0.2	8.83e-03	11.8	11.8	11.8	11.8	-59.3	-3.5	4.2	-15.7	9.5	-13.9
11216	ok	0.0	0.2	1.10e-02	11.8	11.8	11.8	11.8	-56.3	-0.6	7.07e-02	-19.9	1.8	-8.1
11217	ok	0.0	0.2	1.53e-03	11.8	11.8	11.8	11.8	-5.3	-0.6	5.3	-3.1	-12.4	-9.5
11218	ok	0.0	0.5	5.99e-03	11.8	11.8	11.8	11.8	-13.8	-17.4	17.9	-14.0	-66.2	-7.1
11219	ok	0.0	0.5	9.58e-03	11.8	11.8	11.8	11.8	-18.7	-2.1	-7.1	-57.0	-12.0	-18.8
11220	ok	0.0	0.4	4.25e-03	11.8	11.8	11.8	11.8	-23.1	7.0	-0.5	-22.5	-48.8	10.0
11221	ok	0.0	0.4	1.77e-02	11.8	11.8	11.8	11.8	4.6	7.35e-02	-4.39e-02	-42.2	0.2	0.3
11222	ok	0.0	0.2	4.66e-03	11.8	11.8	11.8	11.8	-5.3	-6.5	-10.0	-28.6	-27.8	-2.5
11223	ok	0.0	0.8	4.94e-03	11.8	11.8	11.8	11.8	13.2	-5.2	-5.4	-15.4	-19.7	64.2
11224	ok	0.0	0.2	5.08e-03	11.8	11.8	11.8	11.8	-6.3	-4.9	-7.7	-23.5	-19.5	1.1
11225	ok	0.0	1.0	7.67e-03	39.1	42.6	99.4	101.1	-4.2	-85.1	-36.9	148.3	557.6	262.5
11226	ok	0.0	0.4	4.70e-03	11.8	11.8	11.8	11.8	-25.2	3.6	-1.1	-14.9	-46.6	16.7
11227	ok	0.0	0.5	4.17e-03	11.8	11.8	11.8	11.8	-21.9	5.2	-2.2	-10.7	-50.2	13.6
11228	ok	0.0	0.5	5.74e-03	11.8	11.8	11.8	11.8	-9.3	-27.7	16.7	-11.7	-68.9	-1.8
11229	ok	0.0	0.5	6.35e-03	11.8	11.8	11.8	11.8	-9.9	-27.6	18.9	-14.9	-64.7	-2.2
11230	ok	0.0	0.2	4.92e-03	11.8	11.8	11.8	11.8	-5.6	-4.8	-6.2	-11.4	-14.6	6.4
11231	ok	0.0	0.3	1.04e-02	11.8	11.8	11.8	11.8	-49.0	-1.9	-9.6	-45.7	0.2	-5.2
11232	ok	0.0	0.6	6.00e-03	11.8	11.8	11.8	11.8	-6.9	-37.9	16.4	-10.7	-79.2	1.7
11233	ok	0.0	0.1	4.63e-03	11.8	11.8	11.8	11.8	-5.0	-4.8	-4.6	4.0	-7.7	12.0
11234	ok	0.0	0.2	4.49e-03	11.8	11.8	11.8	11.8	-4.6	-6.5	-8.5	-17.8	-25.5	2.2
11235	ok	0.0	0.5	2.50e-02	11.8	11.8	11.8	11.8	81.6	2.4	6.6	-35.0	-0.2	-5.7
11236	ok	0.0	0.6	7.71e-03	11.8	11.8	11.8	11.8	-2.2	-55.0	11.1	-2.6	-73.2	14.7
11237	ok	0.0	0.4	1.43e-02	11.8	11.8	11.8	11.8	-108.5	1.5	0.8	-56.3	-6.7	-3.3
11238	ok	0.0	0.4	1.29e-02	11.8	11.8	11.8	11.8	4.9	2.63e-02	1.22e-02	-44.8	0.3	1.0
11239	ok	0.0	0.7	1.28e-02	11.8	11.8	11.8	11.8	19.6	-95.1	14.7	9.6	98.1	-19.5
11240	ok	0.0	0.4	9.97e-03	11.8	11.8	11.8	11.8	5.2	6.45e-02	0.1	-43.1	0.2	1.5
11241	ok	0.0	0.2	4.20e-03	11.8	11.8	11.8	11.8	-4.0	-6.5	-7.0	-5.0	-22.7	8.0
11242	ok	0.0	0.2	4.20e-03	11.8	11.8	11.8	11.8	-3.3	-6.6	-5.4	9.9	-19.2	14.5
11243	ok	0.0	0.3	1.01e-02	11.8	11.8	11.8	11.8	-61.1	-2.7	1.4	-37.3	0.8	2.1
11244	ok	0.0	0.4	7.63e-03	11.8	11.8	11.8	11.8	11.5	0.4	2.3	-42.2	-1.3	-8.5
11245	ok	0.0	0.4	4.50e-03	11.8	11.8	11.8	11.8	-24.0	-0.4	-3.8	51.1	1.8	7.9
11246	ok	0.0	0.5	9.17e-03	11.8	11.8	11.8	11.8	-15.5	-1.4	-5.0	-57.0	-6.4	-14.4
11247	ok	0.0	0.4	5.48e-03	11.8	11.8	11.8	11.8	-8.8	-5.4	-11.1	-42.8	-27.2	-9.0
11248	ok	0.0	0.5	8.67e-03	11.8	11.8	11.8	11.8	-25.9	3.7	18.7	51.6	32.5	-13.0
11249	ok	0.0	0.3	4.55e-03	11.8	11.8	11.8	11.8	-9.9	-7.0	-16.2	-28.6	-40.5	-8.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11250	ok	0.0	0.3	4.76e-03	11.8	11.8	11.8	11.8	-6.4	-6.7	-12.1	-40.0	-30.9	-7.7
11251	ok	0.0	0.4	9.38e-03	11.8	11.8	11.8	11.8	-14.0	-0.5	-2.7	-53.5	-1.6	-10.7
11252	ok	0.0	0.9	1.10e-02	11.8	17.5	11.8	11.8	-48.6	5.5	13.4	171.5	7.4	-12.1
11253	ok	0.0	0.4	5.11e-03	11.8	11.8	11.8	11.8	7.8	0.3	1.5	-49.6	-2.2	-11.6
11254	ok	0.0	0.3	5.35e-03	11.8	11.8	11.8	11.8	-8.0	-5.2	-10.1	-39.0	-25.2	-6.4
11255	ok	0.0	0.3	4.12e-03	11.8	11.8	11.8	11.8	-12.3	-25.7	5.6	18.9	34.0	-4.7
11256	ok	0.0	0.3	4.71e-03	11.8	11.8	11.8	11.8	-5.9	-6.6	-11.1	-35.2	-29.4	-5.5
11257	ok	0.0	0.4	6.90e-03	11.8	11.8	11.8	11.8	-4.9	-0.1	-1.1	46.8	1.6	10.4
11258	ok	0.0	0.4	9.85e-03	11.8	11.8	11.8	11.8	-3.6	-63.8	15.4	-7.3	-51.6	17.8
11259	ok	0.0	0.1	5.42e-03	11.8	11.8	11.8	11.8	7.6	0.5	2.2	-9.4	2.9	5.0
11260	ok	0.0	0.5	9.80e-03	11.8	11.8	11.8	11.8	-19.8	-1.6	-5.9	-57.8	-8.7	-20.9
11261	ok	0.0	0.4	4.80e-03	11.8	11.8	11.8	11.8	-26.3	6.8	4.3	-43.5	-50.3	2.8
11262	ok	0.0	0.6	6.75e-03	11.8	11.8	11.8	11.8	-7.7	-38.7	18.5	-14.2	-73.8	2.1
11263	ok	0.0	0.1	6.44e-03	11.8	11.8	11.8	11.8	-38.0	-2.0	-8.4	16.6	2.4	5.8
11264	ok	0.0	0.5	4.23e-03	11.8	11.8	11.8	11.8	-13.1	6.8	3.6	57.8	-11.9	3.1
11265	ok	0.0	0.2	2.75e-03	11.8	11.8	11.8	11.8	-4.2	-10.9	10.4	22.6	18.3	-6.5
11266	ok	0.0	0.6	6.20e-03	11.8	11.8	11.8	11.8	-5.9	-40.2	15.9	-9.4	-79.4	3.7
11267	ok	0.0	0.6	6.99e-03	11.8	11.8	11.8	11.8	-6.7	-41.7	17.9	-13.1	-73.9	4.5
11268	ok	0.0	0.5	4.59e-03	11.8	11.8	11.8	11.8	10.8	0.4	2.1	-60.8	-1.8	-12.1
11269	ok	0.0	0.4	1.42e-02	11.8	11.8	11.8	11.8	13.9	-97.0	12.9	5.1	60.7	-8.0
11270	ok	0.0	1.0	6.21e-03	11.8	30.3	15.4	32.3	-7.7	-12.9	11.8	237.9	235.1	-60.4
11271	ok	0.0	0.3	4.09e-03	11.8	11.8	11.8	11.8	-18.9	-21.8	-1.3	15.3	34.6	2.6
11272	ok	0.0	0.7	7.22e-03	11.8	11.8	11.8	11.8	-37.9	-6.1	2.0	75.9	72.6	19.7
11273	ok	0.0	1.0	7.93e-03	11.8	15.1	11.8	22.9	-27.8	-54.2	-17.6	81.2	158.1	77.0
11274	ok	0.0	1.0	1.13e-02	12.2	11.8	16.8	21.0	-20.2	-79.3	7.4	19.7	201.7	12.9
11275	ok	0.0	0.6	7.40e-03	11.8	11.8	11.8	11.8	-4.0	-50.0	14.6	-6.7	-74.8	10.5
11276	ok	0.0	0.4	5.55e-03	11.8	11.8	11.8	11.8	-9.5	-5.5	-11.9	-44.2	-28.7	-10.6
11277	ok	0.0	0.5	4.64e-03	11.8	11.8	11.8	11.8	10.8	0.4	2.1	-56.9	-1.5	-10.5
11278	ok	0.0	0.9	2.96e-03	11.8	23.0	22.9	13.3	3.6	9.0	-22.6	124.6	-55.6	104.5
11279	ok	0.0	0.8	1.33e-03	11.8	11.8	11.9	11.8	0.1	9.2	0.2	5.9	-57.9	63.4
11280	ok	0.0	0.6	6.21e-03	11.8	11.8	11.8	11.8	-1.8	-44.5	9.0	-2.4	-78.8	14.3
11281	ok	0.0	0.3	6.21e-03	11.8	11.8	11.8	11.8	5.6	-0.1	2.7	19.6	5.0	7.7
11282	ok	0.0	0.6	1.66e-02	11.8	11.8	11.8	11.8	-19.8	-93.0	19.3	-2.1	72.0	-30.2
11283	ok	0.0	0.5	7.22e-03	11.8	11.8	11.8	11.8	-29.3	-17.8	-19.6	55.7	19.0	-0.8
11284	ok	0.0	0.4	4.79e-03	11.8	11.8	11.8	11.8	-6.9	-6.8	-12.9	-42.3	-32.2	-9.0
11285	ok	0.0	0.4	7.27e-03	11.8	11.8	11.8	11.8	-23.0	-9.5	-14.9	45.0	10.2	11.4
11286	ok	0.0	0.4	8.19e-03	11.8	11.8	11.8	11.8	-6.4	9.6	21.7	-25.0	-36.8	1.4
11287	ok	0.0	0.4	1.01e-02	11.8	11.8	11.8	11.8	-10.3	-8.8	2.5	29.2	-15.0	-17.4
11288	ok	0.0	0.3	9.62e-03	11.8	11.8	11.8	11.8	3.7	32.8	21.7	-23.1	-32.1	-1.8
11289	ok	0.0	0.5	1.33e-02	11.8	11.8	11.8	11.8	-61.2	-26.0	-18.6	39.2	35.8	-9.8
11290	ok	0.0	0.3	1.03e-02	11.8	11.8	11.8	11.8	-8.4	-8.8	1.6	30.9	-18.9	-12.1
11291	ok	0.0	0.3	9.15e-03	11.8	11.8	11.8	11.8	-7.4	-9.2	0.8	24.7	-16.5	-2.6
11292	ok	0.0	0.3	7.65e-03	11.8	11.8	11.8	11.8	2.1	12.9	26.5	-5.5	-29.5	0.2
11293	ok	0.0	0.3	6.83e-03	11.8	11.8	11.8	11.8	-21.9	26.4	14.0	-13.1	-29.9	1.9
11294	ok	0.0	0.3	7.94e-03	11.8	11.8	11.8	11.8	-19.7	41.4	10.3	-21.4	-34.8	2.2
11295	ok	0.0	0.9	1.17e-02	11.8	11.8	14.0	11.8	-57.8	-17.3	-16.7	51.7	66.5	-15.5
11296	ok	0.0	0.5	9.18e-03	11.8	11.8	11.8	11.8	-9.6	-9.3	1.0	46.6	50.6	-10.6
11297	ok	0.0	0.2	9.91e-03	11.8	11.8	11.8	11.8	17.0	-36.3	-17.7	6.0	16.0	-6.8
11298	ok	0.0	0.2	8.05e-03	11.8	11.8	11.8	11.8	2.1	19.5	22.2	-14.4	-18.7	-2.1
11299	ok	0.0	0.3	9.23e-03	11.8	11.8	11.8	11.8	3.1	30.8	20.7	-21.6	-28.9	-2.6
11300	ok	0.0	0.4	8.70e-03	11.8	11.8	11.8	11.8	-4.6	-9.7	3.9	-28.3	-41.8	4.9
11301	ok	0.0	0.4	8.43e-03	11.8	11.8	11.8	11.8	-4.0	-11.0	2.6	-27.7	-38.9	3.0
11302	ok	0.0	0.4	1.06e-02	11.8	11.8	11.8	11.8	-6.9	9.2	27.4	-25.2	-38.8	-0.1
11303	ok	0.0	0.3	9.96e-03	11.8	11.8	11.8	11.8	3.6	32.7	17.6	-24.4	-36.1	-1.5
11304	ok	0.0	0.4	7.32e-03	11.8	11.8	11.8	11.8	-4.0	-10.7	1.3	-27.7	-40.7	3.0
11305	ok	0.0	0.4	7.46e-03	11.8	11.8	11.8	11.8	-4.0	-10.2	2.5	-29.9	-43.8	4.5
11306	ok	0.0	0.4	7.54e-03	11.8	11.8	11.8	11.8	-4.4	-9.1	3.6	-30.4	-46.5	6.1
11307	ok	0.0	0.3	1.49e-02	11.8	11.8	11.8	11.8	-45.6	19.0	-22.4	24.6	13.6	-11.8
11308	ok	0.0	0.2	1.46e-02	11.8	11.8	11.8	11.8	-26.8	-3.6	-15.1	6.4	20.0	-9.5
11309	ok	0.0	0.2	1.46e-02	11.8	11.8	11.8	11.8	-25.2	-0.1	-18.3	16.3	20.2	-10.9
11310	ok	0.0	0.2	1.73e-02	11.8	11.8	11.8	11.8	-130.4	-28.8	5.8	-10.6	14.9	-7.2
11311	ok	0.0	0.2	1.63e-02	11.8	11.8	11.8	11.8	-123.6	-17.8	-0.2	-16.3	13.6	-7.1
11312	ok	0.0	0.2	1.54e-02	11.8	11.8	11.8	11.8	-31.9	-16.6	-8.0	-10.3	20.7	-6.7
11313	ok	0.0	0.2	1.48e-02	11.8	11.8	11.8	11.8	-27.9	-5.9	-11.2	-6.5	20.1	-8.1
11314	ok	0.0	0.6	6.09e-03	11.8	11.8	11.8	11.8	-1.1	-7.6	1.8	74.4	5.7	9.3
11315	ok	0.0	0.6	6.47e-03	11.8	11.8	11.8	11.8	-3.3	-7.2	0.9	65.5	7.8	18.7
11316	ok	0.0	0.6	5.21e-03	11.8	11.8	11.8	11.8	-2.2	-5.9	4.3	76.7	3.8	13.1
11317	ok	0.0	1.0	3.95e-03	11.8	15.7	17.3	13.6	-23.9	2.3	-3.1	48.3	-121.0	-54.1
11318	ok	0.0	0.3	6.77e-03	11.8	11.8	11.8	11.8	-6.3	-1.0	-1.7	19.5	5.0	9.7
11319	ok	0.0	0.3	4.91e-03	11.8	11.8	11.8	11.8	10.3	0.4	2.0	-31.5	-0.3	-4.5
11320	ok	0.0	0.5	7.00e-03	11.8	11.8	11.8	11.8	-2.8	-0.4	-1.1	53.0	2.5	11.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11321	ok	0.0	0.4	5.59e-03	11.8	11.8	11.8	11.8	-10.2	-5.7	-12.6	-44.2	-30.1	-11.9
11322	ok	0.0	0.9	7.53e-03	11.8	11.8	11.8	11.8	-8.6	-0.2	-0.5	101.9	2.2	19.5
11323	ok	0.0	0.7	7.49e-03	11.8	11.8	11.8	11.8	-2.2	-0.1	-1.7	84.0	3.6	17.4
11324	ok	0.0	0.1	5.17e-03	11.8	11.8	11.8	11.8	9.7	0.4	1.9	-10.4	0.6	0.3
11325	ok	0.0	0.3	6.34e-03	11.8	11.8	11.8	11.8	-35.0	-6.6	-9.9	27.6	19.6	8.4
11326	ok	0.0	0.1	6.12e-03	11.8	11.8	11.8	11.8	-33.5	-3.2	-8.7	7.8	5.6	4.6
11327	ok	0.0	0.2	5.71e-03	11.8	11.8	11.8	11.8	44.0	1.5	8.6	-17.5	-6.8	-11.1
11328	ok	0.0	0.2	5.93e-03	11.8	11.8	11.8	11.8	7.0	0.3	1.3	-16.3	-1.3	-5.9
11329	ok	0.0	1.0	1.49e-02	19.2	11.8	13.8	15.9	-62.6	-93.3	30.7	19.8	151.4	-7.4
11330	ok	0.0	0.9	5.32e-03	11.8	14.7	11.8	11.8	-6.1	-0.5	-5.8	73.5	91.1	15.9
11331	ok	0.0	0.4	4.83e-03	11.8	11.8	11.8	11.8	-7.5	-6.8	-13.7	-43.2	-33.6	-9.9
11332	ok	0.0	0.4	7.89e-03	11.8	11.8	11.8	11.8	-12.7	-3.0	-7.3	-47.9	-13.1	-8.9
11333	ok	0.0	0.7	8.46e-03	11.8	11.8	11.8	11.8	8.5	0.3	0.4	75.3	3.2	15.4
11334	ok	0.0	0.2	5.31e-03	11.8	11.8	11.8	11.8	4.4	-0.6	4.8	16.8	7.3	-2.5
11335	ok	0.0	0.2	4.79e-03	11.8	11.8	11.8	11.8	-25.6	-1.2	0.2	20.2	8.6	-8.5
11336	ok	0.0	0.4	6.92e-03	11.8	11.8	11.8	11.8	-4.8	-7.3	3.8	-31.5	-52.7	8.7
11337	ok	0.0	0.5	6.91e-03	11.8	11.8	11.8	11.8	-5.4	-6.1	4.1	-29.3	-54.1	9.2
11338	ok	0.0	0.5	6.84e-03	11.8	11.8	11.8	11.8	-6.0	-4.9	4.1	-26.4	-54.8	8.9
11339	ok	0.0	0.5	6.34e-03	11.8	11.8	11.8	11.8	-6.5	-3.9	3.8	-23.2	-54.7	7.4
11340	ok	0.0	0.4	6.00e-03	11.8	11.8	11.8	11.8	-7.0	-3.2	3.4	-20.0	-53.6	5.0
11341	ok	0.0	0.4	6.71e-03	11.8	11.8	11.8	11.8	-3.9	-9.9	1.4	-30.0	-46.1	4.4
11342	ok	0.0	0.4	6.78e-03	11.8	11.8	11.8	11.8	-4.0	-9.4	2.4	-32.2	-48.6	5.9
11343	ok	0.0	0.4	6.81e-03	11.8	11.8	11.8	11.8	-4.3	-8.5	3.2	-32.6	-50.9	7.5
11344	ok	0.0	0.3	8.27e-03	11.8	11.8	11.8	11.8	-7.0	-9.7	3.2	17.5	-27.8	-15.0
11345	ok	0.0	0.3	7.86e-03	11.8	11.8	11.8	11.8	-7.9	-8.5	1.2	19.4	-30.0	-9.3
11346	ok	0.0	0.3	6.86e-03	11.8	11.8	11.8	11.8	-7.1	-8.6	0.2	11.9	-30.4	-2.3
11347	ok	0.0	0.3	6.64e-03	11.8	11.8	11.8	11.8	2.6	12.9	26.8	-8.8	-36.5	1.82e-03
11348	ok	0.0	0.3	6.36e-03	11.8	11.8	11.8	11.8	-20.6	26.7	14.5	-14.2	-35.3	2.5
11349	ok	0.0	0.4	7.18e-03	11.8	11.8	11.8	11.8	-4.3	-10.6	0.5	-25.0	-38.4	2.2
11350	ok	0.0	0.3	7.44e-03	11.8	11.8	11.8	11.8	-5.5	-10.6	3.5	12.7	-38.1	-13.2
11351	ok	0.0	0.4	6.84e-03	11.8	11.8	11.8	11.8	-6.7	-9.3	1.6	11.9	-40.4	-9.1
11352	ok	0.0	0.3	6.43e-03	11.8	11.8	11.8	11.8	-6.2	-9.1	0.7	5.3	-40.6	-3.8
11353	ok	0.0	0.3	6.13e-03	11.8	11.8	11.8	11.8	2.6	12.4	25.6	-10.8	-39.9	-1.4
11354	ok	0.0	0.4	5.93e-03	11.8	11.8	11.8	11.8	-5.0	-9.6	6.28e-02	-15.9	-41.2	1.6
11355	ok	0.0	0.4	6.63e-03	11.8	11.8	11.8	11.8	-4.1	-10.0	0.8	-27.1	-44.5	3.4
11356	ok	0.0	0.4	6.19e-03	11.8	11.8	11.8	11.8	-3.8	-9.4	1.5	-31.9	-49.8	5.1
11357	ok	0.0	0.4	6.65e-03	11.8	11.8	11.8	11.8	-4.4	-11.4	3.6	10.1	-44.3	-12.2
11358	ok	0.0	0.4	6.36e-03	11.8	11.8	11.8	11.8	-4.2	-10.6	2.7	7.9	-45.4	-9.6
11359	ok	0.0	0.4	6.02e-03	11.8	11.8	11.8	11.8	-5.3	-9.5	1.0	0.7	-46.7	-4.9
11360	ok	0.0	0.4	5.66e-03	11.8	11.8	11.8	11.8	-4.9	-9.4	0.5	-8.9	-46.3	-1.3
11361	ok	0.0	0.4	5.53e-03	11.8	11.8	11.8	11.8	-4.5	-9.5	0.4	-18.3	-46.6	1.2
11362	ok	0.0	0.4	6.15e-03	11.8	11.8	11.8	11.8	-3.9	-9.5	1.0	-29.1	-48.6	3.9
11363	ok	0.0	0.5	6.29e-03	11.8	11.8	11.8	11.8	-4.5	-7.1	3.5	-32.7	-55.3	9.7
11364	ok	0.0	0.4	6.21e-03	11.8	11.8	11.8	11.8	-3.8	-8.9	2.2	-34.1	-51.7	6.9
11365	ok	0.0	0.5	6.16e-03	11.8	11.8	11.8	11.8	-4.1	-8.1	2.9	-34.2	-53.6	8.5
11366	ok	0.0	0.4	3.08e-03	11.8	11.8	11.8	11.8	0.2	-3.8	1.5	-43.2	-10.2	6.9
11367	ok	0.0	0.5	3.01e-03	11.8	11.8	11.8	11.8	1.1	-6.0	0.1	-54.3	-23.3	4.5
11368	ok	0.0	0.4	2.99e-03	11.8	11.8	11.8	11.8	-0.1	-4.7	1.7	-42.3	-16.5	10.8
11369	ok	0.0	0.4	3.02e-03	11.8	11.8	11.8	11.8	-0.8	-5.1	1.9	-41.1	-24.9	14.3
11370	ok	0.0	0.4	3.31e-03	11.8	11.8	11.8	11.8	-1.5	-5.4	2.1	-39.5	-34.4	16.0
11371	ok	0.0	0.5	3.72e-03	11.8	11.8	11.8	11.8	-2.1	-5.7	2.3	-37.9	-43.3	16.0
11372	ok	0.0	0.5	4.27e-03	11.8	11.8	11.8	11.8	-2.6	-5.9	2.6	-36.6	-50.2	15.1
11373	ok	0.0	0.5	4.90e-03	11.8	11.8	11.8	11.8	-3.4	-6.4	2.7	-35.0	-55.7	12.9
11374	ok	0.0	0.5	5.61e-03	11.8	11.8	11.8	11.8	-4.0	-6.7	3.0	-34.0	-56.9	11.3
11375	ok	0.0	0.4	5.66e-03	11.8	11.8	11.8	11.8	-3.3	-8.8	1.5	-34.9	-52.9	5.9
11376	ok	0.0	0.4	5.12e-03	11.8	11.8	11.8	11.8	-2.8	-8.3	1.5	-38.0	-53.2	6.1
11377	ok	0.0	0.4	4.66e-03	11.8	11.8	11.8	11.8	-2.2	-8.0	1.4	-41.2	-50.9	6.1
11378	ok	0.0	0.4	4.25e-03	11.8	11.8	11.8	11.8	-1.3	-7.5	1.3	-46.0	-44.7	6.0
11379	ok	0.0	0.4	3.89e-03	11.8	11.8	11.8	11.8	-0.7	-7.2	1.0	-49.3	-38.9	5.8
11380	ok	0.0	0.4	3.62e-03	11.8	11.8	11.8	11.8	-7.27e-02	-6.9	0.7	-52.0	-32.8	5.5
11381	ok	0.0	0.4	3.30e-03	11.8	11.8	11.8	11.8	0.5	-6.5	0.4	-53.8	-27.3	5.1
11382	ok	0.0	0.5	2.86e-03	11.8	11.8	11.8	11.8	0.5	-4.8	0.7	-55.2	-20.6	5.2
11383	ok	0.0	0.4	2.95e-03	11.8	11.8	11.8	11.8	0.3	-4.2	1.1	-51.2	-16.7	6.2
11384	ok	0.0	0.5	5.64e-03	11.8	11.8	11.8	11.8	-3.4	-8.2	2.1	-36.7	-54.1	8.1
11385	ok	0.0	0.5	5.49e-03	11.8	11.8	11.8	11.8	-3.7	-7.5	2.6	-36.4	-55.5	10.0
11386	ok	0.0	0.5	5.06e-03	11.8	11.8	11.8	11.8	-2.9	-7.8	1.9	-39.4	-53.9	8.9
11387	ok	0.0	0.5	4.86e-03	11.8	11.8	11.8	11.8	-3.1	-7.1	2.3	-38.4	-54.8	11.2
11388	ok	0.0	0.5	4.57e-03	11.8	11.8	11.8	11.8	-2.1	-7.3	1.9	-43.5	-49.6	9.5
11389	ok	0.0	0.5	4.37e-03	11.8	11.8	11.8	11.8	-2.4	-6.6	2.2	-41.5	-49.8	12.7
11390	ok	0.0	0.4	4.13e-03	11.8	11.8	11.8	11.8	-1.6	-6.9	1.6	-46.5	-44.6	9.7
11391	ok	0.0	0.5	3.94e-03	11.8	11.8	11.8	11.8	-1.8	-6.3	2.0	-43.9	-44.1	13.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11392	ok	0.0	0.4	3.74e-03	11.8	11.8	11.8	11.8	-1.0	-6.5	1.4	-49.4	-38.4	9.4
11393	ok	0.0	0.4	3.55e-03	11.8	11.8	11.8	11.8	-1.2	-5.9	1.7	-46.2	-36.9	12.8
11394	ok	0.0	0.4	3.46e-03	11.8	11.8	11.8	11.8	-0.4	-6.2	1.1	-51.9	-31.9	8.5
11395	ok	0.0	0.4	3.25e-03	11.8	11.8	11.8	11.8	-0.6	-5.6	1.5	-48.4	-29.2	11.4
11396	ok	0.0	0.5	3.17e-03	11.8	11.8	11.8	11.8	0.2	-5.8	0.9	-53.5	-26.0	7.0
11397	ok	0.0	0.4	2.98e-03	11.8	11.8	11.8	11.8	2.31e-02	-5.2	1.3	-49.9	-22.4	8.9
11398	ok	0.0	1.0	3.55e-03	16.6	42.6	19.8	44.1	1.6	-3.5	3.5	318.6	332.6	-91.6
11399	ok	0.0	0.4	5.46e-03	11.8	11.8	11.8	11.8	-6.6	-3.0	2.7	-15.0	-55.2	0.6
11400	ok	0.0	1.0	3.99e-03	11.8	16.0	11.8	13.9	-11.6	2.9	6.1	128.8	100.4	-13.8
11401	ok	0.0	0.6	3.14e-03	11.8	11.8	11.8	11.8	-17.2	2.6	11.9	62.9	11.6	-3.0
11402	ok	0.0	0.3	3.02e-03	11.8	11.8	11.8	11.8	-1.9	-3.8	2.3	36.2	-29.4	-1.6
11403	ok	0.0	0.4	3.40e-03	11.8	11.8	11.8	11.8	-2.8	-3.6	2.4	18.3	-45.7	-1.2
11404	ok	0.0	0.4	3.83e-03	11.8	11.8	11.8	11.8	-3.7	-3.5	2.5	5.9	-54.6	-1.1
11405	ok	0.0	0.5	4.34e-03	11.8	11.8	11.8	11.8	-4.6	-3.7	2.4	-4.4	-59.1	-1.2
11406	ok	0.0	0.5	4.95e-03	11.8	11.8	11.8	11.8	-5.6	-3.4	2.5	-10.7	-58.9	-0.5
11407	ok	0.0	0.5	5.38e-03	11.8	11.8	11.8	11.8	-6.4	-3.4	3.2	-18.3	-57.0	4.6
11408	ok	0.0	0.5	5.76e-03	11.8	11.8	11.8	11.8	-6.0	-4.1	3.5	-22.2	-57.7	7.7
11409	ok	0.0	0.5	6.08e-03	11.8	11.8	11.8	11.8	-5.6	-5.0	3.7	-26.2	-57.5	9.5
11410	ok	0.0	0.5	6.19e-03	11.8	11.8	11.8	11.8	-5.0	-6.0	3.7	-29.8	-56.6	10.1
11411	ok	0.0	0.3	3.22e-03	11.8	11.8	11.8	11.8	0.2	-3.5	1.9	-30.2	-0.7	7.1
11412	ok	0.0	0.1	3.37e-03	11.8	11.8	11.8	11.8	-1.4	-2.8	3.2	-10.8	13.2	6.5
11413	ok	0.0	0.3	3.41e-03	11.8	11.8	11.8	11.8	-1.3	-3.4	2.9	15.3	41.6	5.3
11414	ok	0.0	1.0	3.43e-03	11.8	11.8	11.8	13.5	0.2	-5.4	3.2	72.8	97.5	-7.1
11415	ok	0.0	0.5	5.57e-03	11.8	11.8	11.8	11.8	-4.4	-5.9	3.3	-30.0	-58.2	11.7
11416	ok	0.0	0.5	5.39e-03	11.8	11.8	11.8	11.8	-4.8	-5.0	3.3	-24.9	-59.3	10.8
11417	ok	0.0	0.5	5.12e-03	11.8	11.8	11.8	11.8	-5.1	-4.3	3.2	-19.5	-60.0	8.4
11418	ok	0.0	0.5	4.92e-03	11.8	11.8	11.8	11.8	-5.4	-3.8	2.9	-14.4	-60.0	4.5
11419	ok	0.0	0.5	4.89e-03	11.8	11.8	11.8	11.8	-3.7	-5.7	2.9	-29.5	-56.8	13.5
11420	ok	0.0	0.5	4.77e-03	11.8	11.8	11.8	11.8	-4.0	-5.1	3.0	-22.6	-57.9	12.7
11421	ok	0.0	0.5	4.57e-03	11.8	11.8	11.8	11.8	-4.3	-4.5	2.9	-15.3	-59.0	9.9
11422	ok	0.0	0.5	4.40e-03	11.8	11.8	11.8	11.8	-4.5	-4.1	2.7	-8.6	-59.6	5.1
11423	ok	0.0	0.5	4.28e-03	11.8	11.8	11.8	11.8	-3.1	-5.5	2.7	-28.8	-52.1	15.4
11424	ok	0.0	0.5	4.21e-03	11.8	11.8	11.8	11.8	-3.3	-5.0	2.8	-19.7	-52.9	15.0
11425	ok	0.0	0.5	4.06e-03	11.8	11.8	11.8	11.8	-3.4	-4.6	2.8	-9.8	-54.1	12.2
11426	ok	0.0	0.5	3.93e-03	11.8	11.8	11.8	11.8	-3.5	-4.3	2.6	-0.8	-55.2	6.4
11427	ok	0.0	0.4	3.74e-03	11.8	11.8	11.8	11.8	-2.3	-5.1	2.6	-28.6	-42.6	18.1
11428	ok	0.0	0.4	3.70e-03	11.8	11.8	11.8	11.8	-2.5	-5.0	2.6	-16.6	-43.8	17.3
11429	ok	0.0	0.4	3.60e-03	11.8	11.8	11.8	11.8	-2.6	-4.7	2.7	-3.1	-44.5	15.1
11430	ok	0.0	0.4	3.50e-03	11.8	11.8	11.8	11.8	-2.7	-4.0	2.6	12.0	-45.1	9.4
11431	ok	0.0	0.4	3.24e-03	11.8	11.8	11.8	11.8	-1.7	-4.9	2.4	-28.7	-31.6	18.8
11432	ok	0.0	0.3	3.24e-03	11.8	11.8	11.8	11.8	-1.8	-4.8	2.6	-13.7	-30.2	19.3
11433	ok	0.0	0.3	3.20e-03	11.8	11.8	11.8	11.8	-1.9	-4.4	2.7	6.7	-27.6	20.0
11434	ok	0.0	0.3	3.13e-03	11.8	11.8	11.8	11.8	-1.9	-4.2	2.6	27.2	-29.1	12.4
11435	ok	0.0	0.3	2.87e-03	11.8	11.8	11.8	11.8	-1.0	-4.6	2.2	-29.4	-18.9	17.2
11436	ok	0.0	0.3	2.97e-03	11.8	11.8	11.8	11.8	-1.2	-4.3	2.4	-12.1	-12.0	20.0
11437	ok	0.0	0.3	3.04e-03	11.8	11.8	11.8	11.8	-20.1	7.6	8.9	14.2	10.7	17.8
11438	ok	0.0	0.5	3.05e-03	11.8	11.8	11.8	11.8	-14.7	4.0	15.2	50.8	23.5	14.3
11439	ok	0.0	0.3	3.10e-03	11.8	11.8	11.8	11.8	-0.2	-4.3	2.0	-30.2	-7.9	12.7
11440	ok	0.0	0.2	3.24e-03	11.8	11.8	11.8	11.8	-1.9	-2.9	3.4	-11.4	7.5	15.2
11441	ok	0.0	0.4	3.31e-03	11.8	11.8	11.8	11.8	-0.6	-3.6	2.2	17.9	33.2	16.7
11442	ok	0.0	0.9	3.77e-03	11.8	11.8	11.8	11.8	-22.7	-0.6	8.7	85.2	67.5	6.9
11443	ok	0.0	0.9	3.88e-03	11.8	11.8	11.8	15.7	0.8	-5.5	1.0	44.6	128.2	-33.1
11444	ok	0.0	0.4	5.34e-03	11.8	11.8	11.8	11.8	-6.7	-3.0	2.2	-12.4	-52.3	-3.6
11445	ok	0.0	0.8	3.79e-03	11.8	11.8	11.8	11.8	-0.7	-3.1	2.7	68.4	76.9	-23.2
11446	ok	0.0	0.5	3.36e-03	11.8	11.8	11.8	11.8	-14.9	5.9	12.4	51.5	23.7	-14.3
11447	ok	0.0	0.3	2.99e-03	11.8	11.8	11.8	11.8	-1.8	-3.4	2.2	28.9	-28.8	-13.9
11448	ok	0.0	0.4	3.36e-03	11.8	11.8	11.8	11.8	-2.9	-3.3	2.3	15.7	-44.4	-11.0
11449	ok	0.0	0.4	3.78e-03	11.8	11.8	11.8	11.8	-3.8	-3.2	2.3	5.6	-53.2	-8.7
11450	ok	0.0	0.5	4.26e-03	11.8	11.8	11.8	11.8	-4.7	-3.5	2.2	-3.3	-57.5	-7.1
11451	ok	0.0	0.5	4.85e-03	11.8	11.8	11.8	11.8	-5.7	-3.3	2.2	-8.6	-56.8	-5.4
11452	ok	0.0	0.1	4.08e-03	11.8	11.8	11.8	11.8	29.0	-5.1	2.0	-11.1	-9.0	-3.0
11453	ok	0.0	0.4	6.38e-03	11.8	11.8	11.8	11.8	-18.0	32.4	22.4	-7.1	-40.9	-9.0
11454	ok	0.0	0.2	3.77e-03	11.8	11.8	11.8	11.8	0.6	-2.9	2.2	-13.4	-11.5	-10.0
11455	ok	0.0	0.3	3.47e-03	11.8	11.8	11.8	11.8	-0.5	-3.0	2.3	-12.9	-21.6	-14.3
11456	ok	0.0	0.3	3.60e-03	11.8	11.8	11.8	11.8	-1.6	-3.2	2.3	-11.7	-32.9	-16.1
11457	ok	0.0	0.4	3.93e-03	11.8	11.8	11.8	11.8	-2.6	-3.4	2.3	-10.6	-42.3	-15.9
11458	ok	0.0	0.4	4.18e-03	11.8	11.8	11.8	11.8	-3.6	-3.6	2.2	-9.6	-48.5	-14.5
11459	ok	0.0	0.4	4.82e-03	11.8	11.8	11.8	11.8	-4.5	-3.7	2.1	-8.2	-50.8	-12.7
11460	ok	0.0	0.4	5.63e-03	11.8	11.8	11.8	11.8	-5.4	-3.8	1.9	-6.3	-49.0	-10.8
11461	ok	0.0	0.4	6.80e-03	11.8	11.8	11.8	11.8	-6.5	-3.5	1.7	-6.9	-45.8	-8.9
11462	ok	0.0	0.4	6.53e-03	11.8	11.8	11.8	11.8	-6.7	-3.1	1.9	-9.8	-49.1	-6.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11463	ok	0.0	0.3	3.88e-03	11.8	11.8	11.8	11.8	0.8	-1.2	2.0	23.4	35.8	-0.4
11464	ok	0.0	0.1	3.94e-03	11.8	11.8	11.8	11.8	-28.4	2.9	4.9	6.4	12.8	-3.93e-02
11465	ok	0.0	0.5	5.99e-03	11.8	11.8	11.8	11.8	-5.7	-3.3	2.0	-7.6	-54.2	-9.0
11466	ok	0.0	0.4	6.20e-03	11.8	11.8	11.8	11.8	-5.6	-3.5	1.9	-6.9	-51.5	-10.9
11467	ok	0.0	0.5	5.33e-03	11.8	11.8	11.8	11.8	-4.7	-3.5	2.0	-4.3	-55.3	-11.2
11468	ok	0.0	0.5	5.47e-03	11.8	11.8	11.8	11.8	-4.6	-3.5	2.0	-6.2	-52.9	-13.0
11469	ok	0.0	0.4	4.70e-03	11.8	11.8	11.8	11.8	-3.8	-3.0	2.2	1.4	-51.0	-13.7
11470	ok	0.0	0.4	4.79e-03	11.8	11.8	11.8	11.8	-3.7	-3.5	2.1	-4.9	-49.9	-15.2
11471	ok	0.0	0.4	4.60e-03	11.8	11.8	11.8	11.8	-2.9	-3.0	2.2	7.3	-42.4	-16.5
11472	ok	0.0	0.4	4.16e-03	11.8	11.8	11.8	11.8	-2.7	-3.4	2.2	-3.3	-42.4	-17.2
11473	ok	0.0	0.3	4.21e-03	11.8	11.8	11.8	11.8	-1.9	-3.0	2.2	13.8	-27.6	-19.4
11474	ok	0.0	0.3	3.89e-03	11.8	11.8	11.8	11.8	-1.6	-3.2	2.2	-1.8	-30.3	-18.6
11475	ok	0.0	0.3	3.85e-03	11.8	11.8	11.8	11.8	-16.3	5.4	11.7	20.8	10.3	-17.3
11476	ok	0.0	0.2	3.87e-03	11.8	11.8	11.8	11.8	-0.4	-3.2	2.2	-1.1	-15.4	-16.9
11477	ok	0.0	0.3	3.78e-03	11.8	11.8	11.8	11.8	-24.9	3.2	10.4	25.4	32.0	-5.3
11478	ok	0.0	0.1	3.60e-03	11.8	11.8	11.8	11.8	-17.4	-4.9	8.2	4.1	5.3	-8.8
11479	ok	0.0	0.3	1.35e-02	11.8	11.8	11.8	11.8	-69.2	-6.0	-22.1	18.7	30.7	-2.4
11480	ok	0.0	0.2	1.56e-02	11.8	11.8	11.8	11.8	-99.5	19.0	-26.9	31.3	8.7	-4.5
11481	ok	0.0	0.2	1.34e-02	11.8	11.8	11.8	11.8	-69.4	-5.0	-19.8	9.6	19.9	-3.7
11482	ok	0.0	0.2	1.42e-02	11.8	11.8	11.8	11.8	-73.1	-4.6	-20.6	15.3	17.2	-5.6
11483	ok	0.0	0.4	5.16e-03	11.8	11.8	11.8	11.8	-4.3	-2.7	6.1	47.1	7.8	7.3
11484	ok	0.0	0.5	5.07e-03	11.8	11.8	11.8	11.8	-18.1	-10.8	2.8	43.6	31.4	-8.4
11485	ok	0.0	0.3	5.16e-03	11.8	11.8	11.8	11.8	1.8	-0.5	3.1	-36.6	-12.8	-3.6
11486	ok	0.0	0.3	4.83e-03	11.8	11.8	11.8	11.8	0.8	-0.9	3.2	-36.2	-15.7	-2.7
11487	ok	0.0	0.3	5.23e-03	11.8	11.8	11.8	11.8	1.6	-0.6	3.7	-33.8	-10.4	-2.7
11488	ok	0.0	0.2	5.27e-03	11.8	11.8	11.8	11.8	1.4	-0.9	4.3	-25.6	-6.4	-1.5
11489	ok	0.0	0.1	5.31e-03	11.8	11.8	11.8	11.8	28.8	-2.1	10.1	-9.9	-3.1	3.2
11490	ok	0.0	0.3	4.87e-03	11.8	11.8	11.8	11.8	0.7	-1.2	3.8	-33.0	-13.2	-1.1
11491	ok	0.0	0.2	4.91e-03	11.8	11.8	11.8	11.8	0.6	-1.5	4.5	-24.8	-8.5	0.6
11492	ok	0.0	0.1	4.88e-03	11.8	11.8	11.8	11.8	-25.4	-4.0	0.3	-10.7	-4.6	-3.4
11493	ok	0.0	0.2	4.80e-03	11.8	11.8	11.8	11.8	2.1	-1.0	2.0	-19.0	-9.8	-1.9
11494	ok	0.0	0.8	1.14e-03	11.8	11.8	12.6	11.8	1.26e-02	9.0	0.1	7.0	-58.7	69.7
11495	ok	0.0	0.2	4.52e-03	11.8	11.8	11.8	11.8	1.1	-1.3	2.1	-21.4	-10.8	-3.1
11496	ok	0.0	0.3	5.80e-03	11.8	11.8	11.8	11.8	-6.6	-3.3	-2.4	25.1	11.1	12.0
11497	ok	0.0	0.9	8.17e-03	11.8	15.7	13.9	12.7	11.7	-25.0	-7.6	78.4	110.2	22.4
11498	ok	0.0	0.4	5.64e-03	11.8	11.8	11.8	11.8	-11.2	-5.8	-13.6	-41.6	-31.9	-13.0
11499	ok	0.0	0.2	4.95e-03	11.8	11.8	11.8	11.8	2.0	-0.7	2.3	-28.8	-12.3	-3.5
11500	ok	0.0	0.4	4.92e-03	11.8	11.8	11.8	11.8	-8.3	-6.9	-14.6	-41.8	-35.6	-10.5
11501	ok	0.0	0.3	5.07e-03	11.8	11.8	11.8	11.8	1.9	-0.5	2.6	-34.8	-13.3	-4.0
11502	ok	0.0	0.3	5.67e-03	11.8	11.8	11.8	11.8	-13.4	-6.4	-15.3	-25.8	-35.6	-12.8
11503	ok	0.0	0.3	4.66e-03	11.8	11.8	11.8	11.8	1.0	-1.0	2.4	-29.9	-14.4	-4.0
11504	ok	0.0	0.3	4.76e-03	11.8	11.8	11.8	11.8	0.9	-0.9	2.7	-35.0	-16.1	-3.8
11505	ok	0.0	0.3	7.28e-03	11.8	11.8	11.8	11.8	-10.2	-2.2	-5.8	-36.5	-8.7	-3.3
11506	ok	0.0	0.4	5.30e-03	11.8	11.8	11.8	11.8	-4.5	-5.2	-0.2	48.4	26.8	14.0
11507	ok	0.0	0.8	1.25e-03	11.8	11.8	12.1	11.8	6.43e-02	9.2	2.13e-03	7.4	-52.2	71.1
11508	ok	0.0	0.3	6.07e-03	11.8	11.8	11.8	11.8	-8.8	-3.7	-8.2	-39.0	-19.0	-4.1
11509	ok	0.0	0.1	4.61e-03	11.8	11.8	11.8	11.8	34.2	-1.6	5.7	-8.7	-6.4	2.1
11510	ok	0.0	0.4	1.02e-02	11.8	11.8	11.8	11.8	-2.7	-67.6	13.6	-2.3	-52.5	12.2
11511	ok	0.0	0.2	6.11e-03	11.8	11.8	11.8	11.8	-8.6	-4.0	-7.2	-31.4	-14.7	-1.0
11512	ok	0.0	0.4	7.53e-03	11.8	11.8	11.8	11.8	12.4	0.5	2.4	-41.5	-1.5	-8.9
11513	ok	0.0	0.2	6.01e-03	11.8	11.8	11.8	11.8	-7.8	-3.5	-5.7	-17.8	-9.2	4.0
11514	ok	0.0	0.4	4.66e-03	11.8	11.8	11.8	11.8	3.7	0.2	0.7	-47.8	-0.3	-6.8
11515	ok	0.0	0.6	8.54e-03	11.8	11.8	11.8	11.8	-38.3	-1.5	-7.5	-78.4	-2.8	-16.5
11516	ok	0.0	0.2	7.07e-03	11.8	11.8	11.8	11.8	-8.6	-1.9	-4.5	-23.1	-4.0	1.6
11517	ok	0.0	0.1	5.86e-03	11.8	11.8	11.8	11.8	20.0	-2.9	-5.6	4.1	-1.5	8.7
11518	ok	0.0	0.1	4.36e-03	11.8	11.8	11.8	11.8	31.3	-4.7	1.8	-10.3	-8.4	-7.47e-02
11519	ok	0.0	0.6	4.13e-03	11.8	11.8	11.8	11.8	-0.7	-3.3	3.0	66.3	3.3	17.4
11520	ok	0.0	0.8	4.29e-03	11.8	11.8	11.8	11.8	-1.1	-2.2	3.7	54.3	23.9	53.0
11521	ok	0.0	0.3	4.18e-03	11.8	11.8	11.8	11.8	-0.9	-3.1	2.9	35.7	1.4	13.9
11522	ok	0.0	0.4	6.19e-03	11.8	11.8	11.8	11.8	-10.7	-4.4	-10.1	-45.0	-23.4	-10.4
11523	ok	0.0	0.1	4.38e-03	11.8	11.8	11.8	11.8	-31.1	-1.5	-1.8	15.4	2.6	4.2
11524	ok	0.0	0.4	6.11e-03	11.8	11.8	11.8	11.8	-9.7	-4.2	-9.1	-42.3	-21.1	-7.8
11525	ok	0.0	0.1	6.93e-03	11.8	11.8	11.8	11.8	-44.3	-4.0	-12.8	-7.9	0.2	4.5
11526	ok	0.0	0.3	4.25e-03	11.8	11.8	11.8	11.8	2.5	-3.2	2.1	30.2	20.2	11.0
11527	ok	0.0	0.1	4.20e-03	11.8	11.8	11.8	11.8	-30.8	-5.59e-02	1.6	11.3	7.3	4.1
11528	ok	0.0	0.7	4.13e-03	11.8	11.8	11.8	11.8	0.5	-3.8	2.7	85.4	1.1	9.6
11529	ok	0.0	0.9	4.21e-03	11.8	16.4	11.8	11.8	-4.3	-4.0	1.0	152.7	14.6	-13.7
11530	ok	0.0	0.5	4.72e-03	11.8	11.8	11.8	11.8	7.7	0.3	1.5	-58.2	-2.2	-12.5
11531	ok	0.0	0.4	6.20e-03	11.8	11.8	11.8	11.8	-11.5	-4.5	-10.8	-45.8	-24.9	-12.1
11532	ok	0.0	0.3	6.18e-03	11.8	11.8	11.8	11.8	0.5	-1.2	1.3	-1.9	-41.3	6.9
11533	ok	0.0	0.3	3.11e-03	11.8	11.8	11.8	11.8	1.0	-3.0	1.5	-41.9	-10.3	-0.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11534	ok	0.0	0.4	3.12e-03	11.8	11.8	11.8	11.8	0.6	-3.4	1.5	-43.0	-9.9	2.9
11535	ok	0.0	0.9	1.40e-02	11.8	15.8	11.8	11.8	-34.7	-16.0	-22.0	103.4	-5.7	62.6
11536	ok	0.0	0.5	4.67e-03	11.8	11.8	11.8	11.8	5.7	0.3	1.4	-56.6	-2.6	-8.0
11537	ok	0.0	0.5	4.55e-03	11.8	11.8	11.8	11.8	4.7	-1.96e-02	0.8	-51.9	-8.0	-12.7
11538	ok	0.0	0.5	4.97e-03	11.8	11.8	11.8	11.8	6.1	0.2	1.1	-49.5	-5.8	-14.9
11539	ok	0.0	0.3	7.43e-03	11.8	11.8	11.8	11.8	13.0	0.5	2.5	-34.9	-1.5	-8.1
11540	ok	0.0	0.2	3.21e-03	11.8	11.8	11.8	11.8	1.1	-2.8	2.0	-27.6	-4.4	-1.5
11541	ok	0.0	0.5	6.56e-03	11.8	11.8	11.8	11.8	-29.0	-0.3	-3.6	-50.5	-10.2	-26.8
11542	ok	0.0	0.5	5.13e-03	11.8	11.8	11.8	11.8	-34.3	8.4	3.5	57.3	2.3	11.3
11543	ok	0.0	0.5	1.68e-04	11.8	11.8	11.8	11.8	1.3	-0.7	0.9	49.9	7.4	17.2
11544	ok	0.0	0.4	6.25e-03	11.8	11.8	11.8	11.8	-12.4	-4.7	-11.6	-45.2	-26.3	-13.6
11545	ok	0.0	9.05e-02	3.47e-03	11.8	11.8	11.8	11.8	0.1	-2.9	3.8	-5.9	5.4	-5.4
11546	ok	0.0	0.2	1.13e-02	11.8	11.8	11.8	11.8	-35.2	-2.5	-9.5	6.6	-6.5	-19.0
11547	ok	0.0	0.2	3.79e-03	11.8	11.8	11.8	11.8	0.6	-2.8	4.2	23.2	10.7	-8.1
11548	ok	0.0	0.5	3.71e-03	11.8	11.8	11.8	11.8	0.4	-3.3	4.1	60.4	8.0	-6.3
11549	ok	0.0	0.2	3.21e-03	11.8	11.8	11.8	11.8	0.7	-3.2	1.9	-29.3	-1.7	1.8
11550	ok	0.0	0.1	3.26e-03	11.8	11.8	11.8	11.8	-18.1	1.2	6.2	-8.8	8.3	-3.9
11551	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	-0.4	-3.2	4.0	21.0	26.8	-7.7
11552	ok	0.0	0.8	3.51e-03	11.8	11.8	11.8	11.8	-2.0	-3.1	3.5	94.8	42.8	-23.4
11553	ok	0.0	0.3	1.07e-02	11.8	11.8	11.8	11.8	-9.7	-8.8	4.1	14.1	-15.1	-19.2
11554	ok	0.0	0.3	1.29e-02	11.8	11.8	11.8	11.8	-65.5	-10.5	-23.9	22.4	20.8	-10.2
11555	ok	0.0	0.2	1.03e-02	11.8	11.8	11.8	11.8	19.5	-2.42e-02	25.7	-7.9	-21.4	-5.6
11556	ok	0.0	0.2	1.22e-02	11.8	11.8	11.8	11.8	21.5	7.6	25.5	-11.3	-12.9	-6.1
11557	ok	0.0	0.3	1.06e-02	11.8	11.8	11.8	11.8	20.2	9.6	25.2	-4.1	-23.1	-8.6
11558	ok	0.0	0.2	1.24e-02	11.8	11.8	11.8	11.8	-65.0	-8.6	-19.8	8.2	13.8	-9.0
11559	ok	0.0	0.1	9.69e-03	11.8	11.8	11.8	11.8	-29.2	-17.3	26.6	-6.2	-14.0	5.9
11560	ok	0.0	0.1	1.16e-02	11.8	11.8	11.8	11.8	-18.3	-33.7	7.54e-02	-8.6	10.6	-2.0
11561	ok	0.0	0.1	9.90e-03	11.8	11.8	11.8	11.8	-30.1	-11.3	24.1	-8.9	-17.2	3.3
11562	ok	0.0	0.2	1.01e-02	11.8	11.8	11.8	11.8	4.5	0.8	26.0	-10.1	-18.6	1.8
11563	ok	0.0	0.2	1.02e-02	11.8	11.8	11.8	11.8	-10.7	-13.2	11.2	-10.6	-17.5	-5.5
11564	ok	0.0	0.2	1.19e-02	11.8	11.8	11.8	11.8	-39.7	-8.9	26.2	-10.9	-10.2	0.9
11565	ok	0.0	0.2	1.20e-02	11.8	11.8	11.8	11.8	-39.1	-3.8	21.9	-11.3	-13.4	-1.8
11566	ok	0.0	0.2	1.21e-02	11.8	11.8	11.8	11.8	19.2	6.4	24.8	-13.0	-14.3	-2.7
11567	ok	0.0	0.4	2.78e-03	11.8	11.8	11.8	11.8	1.4	-4.4	-0.3	-54.5	-20.6	2.5
11568	ok	0.0	0.5	2.74e-03	11.8	11.8	11.8	11.8	1.1	-5.0	-5.93e-02	-55.6	-21.7	3.5
11569	ok	0.0	0.4	2.90e-03	11.8	11.8	11.8	11.8	1.2	-3.8	0.3	-54.7	-18.6	1.6
11570	ok	0.0	0.4	3.05e-03	11.8	11.8	11.8	11.8	1.1	-3.3	0.9	-50.7	-15.1	0.8
11571	ok	0.0	0.5	2.87e-03	11.8	11.8	11.8	11.8	0.9	-4.3	0.5	-55.5	-19.8	3.4
11572	ok	0.0	0.4	2.99e-03	11.8	11.8	11.8	11.8	0.7	-3.8	1.0	-51.5	-15.9	3.3
11573	ok	0.0	0.4	3.09e-03	11.8	11.8	11.8	11.8	4.1	-10.7	-4.1	31.4	7.6	27.2
11574	ok	0.0	0.4	3.13e-03	11.8	11.8	11.8	11.8	4.9	-10.7	-3.1	29.2	28.6	21.5
11575	ok	0.0	0.2	3.20e-03	11.8	11.8	11.8	11.8	2.4	-9.2	-2.5	6.1	-1.9	20.9
11576	ok	0.0	0.2	3.07e-03	11.8	11.8	11.8	11.8	1.9	-8.2	-1.9	-13.6	-9.6	15.0
11577	ok	0.0	0.3	2.93e-03	11.8	11.8	11.8	11.8	2.5	-7.3	-2.3	-28.9	-15.4	10.2
11578	ok	0.0	0.4	2.79e-03	11.8	11.8	11.8	11.8	2.0	-6.3	-1.7	-40.8	-19.1	6.6
11579	ok	0.0	0.4	2.65e-03	11.8	11.8	11.8	11.8	1.5	-5.0	-0.7	-52.2	-21.0	3.4
11580	ok	0.0	0.2	3.33e-03	11.8	11.8	11.8	11.8	-6.4	-4.2	5.7	3.5	12.0	14.4
11581	ok	0.0	0.2	3.25e-03	11.8	11.8	11.8	11.8	2.6	-9.4	-1.5	-17.8	-3.2	11.2
11582	ok	0.0	0.3	6.32e-03	11.8	11.8	11.8	11.8	-17.3	-6.9	-15.1	-9.7	-30.6	-14.7
11583	ok	0.0	0.3	3.16e-03	11.8	11.8	11.8	11.8	2.4	-7.8	-1.8	-32.2	-12.6	7.7
11584	ok	0.0	0.4	3.04e-03	11.8	11.8	11.8	11.8	1.9	-6.8	-1.3	-43.2	-18.4	5.5
11585	ok	0.0	0.4	2.88e-03	11.8	11.8	11.8	11.8	1.3	-5.5	-0.4	-53.7	-21.9	3.8
11586	ok	0.0	0.6	3.18e-03	11.8	11.8	11.8	11.8	5.0	-12.3	-4.2	55.5	10.9	31.9
11587	ok	0.0	0.7	3.92e-03	11.8	11.8	11.8	11.8	5.6	-16.5	-4.8	55.6	49.3	29.1
11588	ok	0.0	0.9	4.03e-03	11.8	11.8	11.8	11.8	-0.5	-15.5	-6.3	105.7	10.8	12.8
11589	ok	0.0	1.0	4.72e-03	11.8	16.6	11.8	11.8	-2.9	-12.6	-9.2	159.4	61.2	9.4
11590	ok	0.0	0.8	3.53e-03	11.8	11.8	11.8	11.8	7.9	-13.1	-3.3	90.3	13.4	28.4
11591	ok	0.0	0.5	8.09e-03	11.8	11.8	11.8	11.8	-15.1	-3.0	-8.7	-54.5	-17.4	-13.9
11592	ok	0.0	1.0	4.38e-03	11.8	17.5	11.8	12.2	-0.9	-10.2	-3.0	119.2	69.9	57.7
11593	ok	0.0	0.1	4.37e-03	11.8	11.8	11.8	11.8	5.2	-14.3	-10.4	-14.2	-1.3	-6.6
11594	ok	0.0	0.2	1.00e-02	11.8	11.8	11.8	11.8	-49.8	-1.5	-8.5	-25.8	5.6	13.5
11595	ok	0.0	0.8	7.35e-03	11.8	11.8	11.8	11.8	-1.6	2.5	-4.2	87.0	5.9	11.3
11596	ok	0.0	0.1	4.45e-03	11.8	11.8	11.8	11.8	7.6	-15.7	-10.4	-15.4	8.7	-1.0
11597	ok	0.0	0.2	4.39e-03	11.8	11.8	11.8	11.8	5.5	-14.9	-10.2	8.9	10.2	-9.7
11598	ok	0.0	0.4	4.77e-03	11.8	11.8	11.8	11.8	3.7	-16.5	-8.9	41.7	16.3	-12.2
11599	ok	0.0	0.6	7.82e-04	11.8	11.8	11.8	11.8	-5.63e-02	9.9	-5.92e-02	15.0	-14.8	67.1
11600	ok	0.0	0.7	4.78e-03	11.8	11.8	11.8	11.8	5.5	-16.5	-9.1	86.4	16.2	-7.4
11601	ok	0.0	0.2	4.44e-03	11.8	11.8	11.8	11.8	7.1	-16.1	-9.4	8.2	23.2	-4.4
11602	ok	0.0	0.8	7.09e-04	11.8	11.8	11.8	11.8	1.50e-02	14.9	0.4	22.1	25.9	66.6
11603	ok	0.0	0.9	6.14e-04	11.8	11.8	11.8	12.5	-0.2	15.4	0.9	29.5	84.2	42.8
11604	ok	0.0	0.4	5.03e-03	11.8	11.8	11.8	11.8	4.4	-20.2	-7.7	42.3	49.6	-8.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11605	ok	0.0	1.0	5.18e-03	11.8	14.8	11.8	11.8	-9.06e-02	-12.0	-8.8	121.2	79.7	-30.1
11606	ok	0.0	0.3	4.44e-03	11.8	11.8	11.8	11.8	6.2	-14.4	-12.7	-37.0	-13.1	-3.1
11607	ok	0.0	1.0	7.87e-04	11.8	11.8	11.8	18.3	0.9	14.8	0.8	45.0	155.2	7.5
11608	ok	0.0	0.9	1.18e-03	11.8	11.8	11.8	15.2	-2.3	8.0	-0.6	14.3	127.9	25.1
11609	ok	0.0	0.5	9.42e-03	11.8	11.8	11.8	11.8	-17.8	-1.5	-5.5	-58.8	-8.0	-18.0
11611	ok	0.0	0.4	5.83e-04	11.8	11.8	11.8	11.8	-7.20e-02	0.7	0.7	5.5	38.3	19.7
11612	ok	0.0	0.4	6.30e-03	11.8	11.8	11.8	11.8	-13.6	-5.0	-12.5	-41.7	-27.7	-14.9
11613	ok	0.0	0.6	6.08e-03	11.8	11.8	11.8	11.8	0.4	-4.7	-3.4	75.0	46.6	-2.8
11614	ok	0.0	0.3	4.58e-03	11.8	11.8	11.8	11.8	8.3	-15.9	-12.2	-37.6	-8.2	1.0
11615	ok	0.0	0.3	6.39e-03	11.8	11.8	11.8	11.8	-16.6	-5.7	-14.5	-24.2	-29.6	-15.6
11616	ok	0.0	0.4	6.31e-03	11.8	11.8	11.8	11.8	-14.9	-5.2	-13.5	-34.5	-28.9	-15.6
11617	ok	0.0	0.2	6.92e-03	11.8	11.8	11.8	11.8	40.7	2.5	8.9	-21.4	-0.7	-2.9
11618	ok	0.0	0.6	6.74e-03	11.8	11.8	11.8	11.8	0.5	-1.8	2.2	66.7	8.0	2.4
11619	ok	0.0	0.3	5.77e-03	11.8	11.8	11.8	11.8	-5.9	0.3	-0.5	-20.4	-1.8	-16.8
11620	ok	0.0	0.4	6.66e-03	11.8	11.8	11.8	11.8	-26.4	-1.0	-5.1	-53.6	-3.4	-15.0
11621	ok	0.0	0.2	4.40e-03	11.8	11.8	11.8	11.8	5.7	-14.4	-11.5	-27.3	-7.6	-4.7
11622	ok	0.0	0.2	4.52e-03	11.8	11.8	11.8	11.8	7.7	-15.9	-10.9	-28.1	-1.0	9.84e-02
11623	ok	0.0	0.2	7.93e-03	11.8	11.8	11.8	11.8	-8.8	-1.0	-3.2	-27.4	-0.2	1.3
11624	ok	0.0	0.1	7.32e-03	11.8	11.8	11.8	11.8	-28.9	-1.0	-5.3	15.4	0.7	1.8
11625	ok	0.0	0.4	4.47e-03	11.8	11.8	11.8	11.8	6.5	-14.2	-13.8	-42.9	-17.0	-2.0
11626	ok	0.0	0.4	4.64e-03	11.8	11.8	11.8	11.8	8.7	-15.7	-13.3	-43.4	-13.0	1.4
11627	ok	0.0	0.4	4.49e-03	11.8	11.8	11.8	11.8	6.8	-13.9	-14.9	-47.2	-20.2	-0.9
11628	ok	0.0	0.4	4.79e-03	11.8	11.8	11.8	11.8	9.1	-15.4	-14.5	-47.7	-16.9	1.7
11629	ok	0.0	0.4	4.67e-03	11.8	11.8	11.8	11.8	7.0	-13.2	-16.3	-50.1	-23.3	0.5
11630	ok	0.0	0.4	4.98e-03	11.8	11.8	11.8	11.8	9.5	-14.6	-16.1	-50.7	-20.2	2.1
11631	ok	0.0	0.4	4.90e-03	11.8	11.8	11.8	11.8	7.0	-10.5	-18.8	-46.5	-24.3	4.4
11632	ok	0.0	0.4	5.20e-03	11.8	11.8	11.8	11.8	9.6	-11.5	-19.0	-47.7	-20.3	3.7
11633	ok	0.0	0.4	4.80e-03	11.8	11.8	11.8	11.8	7.1	-12.0	-17.7	-49.9	-24.8	2.2
11634	ok	0.0	0.4	5.11e-03	11.8	11.8	11.8	11.8	9.7	-13.3	-17.6	-50.8	-21.5	2.7
11635	ok	0.0	0.3	4.88e-03	11.8	11.8	11.8	11.8	6.2	-6.1	-20.1	-29.6	-16.7	11.1
11636	ok	0.0	0.4	8.07e-03	11.8	11.8	11.8	11.8	-13.9	-2.8	-7.9	-52.4	-15.1	-11.2
11637	ok	0.0	0.3	7.71e-03	11.8	11.8	11.8	11.8	-5.7	-11.2	4.5	9.4	-36.7	-13.5
11638	ok	0.0	0.4	6.86e-03	11.8	11.8	11.8	11.8	-4.3	-12.1	4.5	8.9	-43.1	-12.1
11639	ok	0.0	0.3	8.60e-03	11.8	11.8	11.8	11.8	-8.2	-9.2	3.9	10.5	-26.9	-15.2
11640	ok	0.0	0.3	9.13e-03	11.8	11.8	11.8	11.8	-8.8	-11.9	8.0	-3.8	-25.7	-9.6
11641	ok	0.0	0.3	7.97e-03	11.8	11.8	11.8	11.8	-6.3	-13.6	7.5	-1.0	-34.2	-7.9
11642	ok	0.0	0.3	8.95e-03	11.8	11.8	11.8	11.8	-8.5	-10.0	5.8	3.2	-26.1	-13.3
11643	ok	0.0	0.3	7.86e-03	11.8	11.8	11.8	11.8	-5.7	-12.2	6.0	4.7	-34.9	-11.6
11644	ok	0.0	0.1	8.64e-03	11.8	11.8	11.8	11.8	-0.2	-29.6	16.1	-8.9	-15.6	7.9
11645	ok	0.0	0.2	7.70e-03	11.8	11.8	11.8	11.8	3.4	-29.9	13.0	-8.3	-23.8	9.6
11646	ok	0.0	0.2	9.09e-03	11.8	11.8	11.8	11.8	-8.0	-14.9	10.5	-8.3	-24.4	-4.5
11647	ok	0.0	0.2	9.03e-03	11.8	11.8	11.8	11.8	5.7	-0.6	26.3	-8.3	-22.7	3.1
11648	ok	0.0	0.2	8.82e-03	11.8	11.8	11.8	11.8	-3.8	-23.9	14.8	-11.4	-19.3	4.6
11649	ok	0.0	0.2	7.81e-03	11.8	11.8	11.8	11.8	-0.3	-24.9	12.5	-9.4	-26.8	6.6
11650	ok	0.0	0.2	7.86e-03	11.8	11.8	11.8	11.8	-3.0	-20.4	11.2	-8.2	-29.8	2.2
11651	ok	0.0	0.3	7.97e-03	11.8	11.8	11.8	11.8	-5.0	-16.6	9.4	-5.3	-32.2	-2.8
11652	ok	0.0	0.3	5.13e-03	11.8	11.8	11.8	11.8	8.9	-6.4	-20.6	-31.8	-9.4	7.4
11653	ok	0.0	0.4	4.89e-03	11.8	11.8	11.8	11.8	6.7	-8.5	-19.6	-39.7	-21.6	7.3
11654	ok	0.0	0.4	5.16e-03	11.8	11.8	11.8	11.8	9.4	-9.1	-20.0	-41.5	-16.4	5.2
11655	ok	0.0	0.4	4.76e-03	11.8	11.8	11.8	11.8	3.8	3.8	-20.6	23.8	11.5	28.1
11656	ok	0.0	0.4	5.10e-03	11.8	11.8	11.8	11.8	7.7	3.4	-22.0	23.7	37.3	18.4
11657	ok	0.0	0.2	4.76e-03	11.8	11.8	11.8	11.8	4.8	-0.5	-19.9	0.4	-1.3	20.0
11658	ok	0.0	0.3	4.82e-03	11.8	11.8	11.8	11.8	5.6	-3.5	-20.2	-16.8	-9.9	15.3
11659	ok	0.0	0.2	4.91e-03	11.8	11.8	11.8	11.8	7.9	-0.3	-21.4	-1.6	14.0	13.5
11660	ok	0.0	0.2	5.05e-03	11.8	11.8	11.8	11.8	8.7	-3.5	-21.4	-19.1	0.6	10.0
11661	ok	0.0	0.9	4.60e-03	11.8	11.8	11.8	11.8	0.9	8.7	-16.7	103.8	20.1	10.8
11662	ok	0.0	0.8	1.18e-02	11.8	11.8	11.8	11.8	-38.8	4.0	-18.2	93.8	11.3	12.3
11663	ok	0.0	1.0	6.89e-03	11.8	17.7	11.8	12.7	18.5	8.0	-24.4	157.1	77.6	12.4
11664	ok	0.0	0.7	4.66e-03	11.8	11.8	11.8	11.8	5.0	7.8	-21.2	74.6	18.7	32.6
11665	ok	0.0	9.93e-02	7.90e-03	11.8	11.8	11.8	11.8	-6.4	-0.2	-1.3	-8.0	0.7	0.9
11666	ok	0.0	1.0	4.29e-03	11.8	12.8	11.8	13.1	0.5	4.3	-19.7	89.3	92.1	42.6
11667	ok	0.0	0.7	5.07e-03	11.8	11.8	11.8	11.8	-6.4	9.4	-18.8	82.3	23.9	-12.3
11668	ok	0.0	1.0	5.14e-03	11.8	14.7	11.8	13.4	3.6	14.8	-23.4	117.0	102.5	-30.3
11669	ok	0.0	0.5	4.63e-03	11.8	11.8	11.8	11.8	-5.8	13.7	-15.4	52.8	27.3	-16.7
11670	ok	0.0	0.7	5.36e-03	11.8	11.8	11.8	11.8	-4.8	12.7	-20.7	55.1	71.0	-16.1
11671	ok	0.0	0.1	7.48e-03	11.8	11.8	11.8	11.8	-50.0	-3.4	-11.4	-10.1	1.6	4.2
11672	ok	0.0	0.2	3.80e-03	11.8	11.8	11.8	11.8	-8.8	20.5	-8.0	-11.6	14.3	-8.2
11673	ok	0.0	0.3	3.70e-03	11.8	11.8	11.8	11.8	-4.8	23.1	-9.2	-11.7	27.9	-5.6
11674	ok	0.0	0.3	4.20e-03	11.8	11.8	11.8	11.8	-7.4	19.0	-11.5	13.9	23.8	-13.3
11675	ok	0.0	0.4	4.12e-03	11.8	11.8	11.8	11.8	-3.5	22.5	-12.5	13.3	47.7	-8.9
11676	ok	0.0	0.3	3.12e-03	11.8	11.8	11.8	11.8	-13.3	24.2	4.2	-42.7	10.5	3.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11677	ok	0.0	0.3	3.01e-03	11.8	11.8	11.8	11.8	-10.2	27.5	3.1	-43.7	20.0	0.3
11678	ok	0.0	0.3	3.23e-03	11.8	11.8	11.8	11.8	-12.2	24.4	0.9	-41.6	8.3	0.2
11679	ok	0.0	0.3	3.39e-03	11.8	11.8	11.8	11.8	-11.0	23.9	-2.2	-36.2	8.2	-2.6
11680	ok	0.0	0.2	3.57e-03	11.8	11.8	11.8	11.8	-9.9	22.6	-5.2	-26.3	10.2	-5.4
11681	ok	0.0	0.3	3.15e-03	11.8	11.8	11.8	11.8	-8.9	27.6	-0.3	-42.4	17.1	-1.4
11682	ok	0.0	0.2	7.33e-03	11.8	11.8	11.8	11.8	13.5	0.5	2.6	-22.8	-1.2	-6.2
11683	ok	0.0	0.4	6.25e-03	11.8	11.8	11.8	11.8	-0.3	-4.1	0.8	1.1	-44.3	-0.9
11684	ok	0.0	0.3	3.31e-03	11.8	11.8	11.8	11.8	-7.5	26.8	-3.5	-36.8	17.3	-2.7
11685	ok	0.0	0.2	3.49e-03	11.8	11.8	11.8	11.8	-6.2	25.4	-6.4	-26.7	20.8	-4.0
11686	ok	0.0	0.3	3.48e-03	11.8	11.8	11.8	11.8	-15.0	21.8	9.8	-34.3	18.1	8.9
11687	ok	0.0	0.3	3.03e-03	11.8	11.8	11.8	11.8	-12.2	25.3	8.6	-36.1	31.0	3.9
11688	ok	0.0	0.4	5.12e-03	11.8	11.8	11.8	11.8	-18.9	14.2	18.0	-0.6	36.3	18.5
11689	ok	0.0	0.6	4.97e-03	11.8	11.8	11.8	11.8	-17.3	19.1	21.2	1.2	69.7	12.3
11690	ok	0.0	0.3	4.16e-03	11.8	11.8	11.8	11.8	-16.0	19.0	13.8	-21.6	25.3	13.4
11691	ok	0.0	0.4	3.72e-03	11.8	11.8	11.8	11.8	-13.5	22.6	12.1	-23.1	42.8	7.4
11692	ok	0.0	0.5	6.13e-03	11.8	11.8	11.8	11.8	-21.9	8.0	23.7	40.2	38.9	20.2
11693	ok	0.0	0.9	6.50e-03	11.8	11.8	11.8	14.3	-9.3	11.0	26.7	58.4	110.0	35.1
11694	ok	0.0	0.5	6.15e-03	11.8	11.8	11.8	11.8	-4.2	2.0	20.0	66.2	34.5	1.0
11695	ok	0.0	1.0	9.41e-03	11.8	11.8	11.8	14.7	-30.6	1.6	31.7	118.3	92.7	4.3
11696	ok	0.0	0.4	6.61e-03	11.8	11.8	11.8	11.8	-9.2	-5.0	25.4	17.4	37.7	-21.1
11697	ok	0.0	0.7	6.79e-03	11.8	11.8	11.8	11.8	-8.9	-5.1	26.5	18.2	81.5	-17.9
11698	ok	0.0	0.5	6.61e-03	11.8	11.8	11.8	11.8	-9.0	1.3	27.1	51.5	37.9	-17.3
11699	ok	0.0	1.0	5.72e-03	11.8	11.8	11.8	14.5	-13.9	-5.6	22.3	84.8	109.7	-39.5
11700	ok	0.0	0.2	7.69e-03	11.8	11.8	11.8	11.8	-8.7	-18.2	26.3	-19.6	24.0	-11.9
11701	ok	0.0	0.3	7.85e-03	11.8	11.8	11.8	11.8	-8.4	-17.5	27.3	-21.7	42.8	-6.7
11702	ok	0.0	0.3	7.17e-03	11.8	11.8	11.8	11.8	-9.2	-12.4	26.0	-4.1	30.8	-16.8
11703	ok	0.0	0.4	7.09e-03	11.8	11.8	11.8	11.8	-8.9	-10.7	26.2	-5.9	54.8	-11.2
11704	ok	0.0	0.3	8.60e-03	11.8	11.8	11.8	11.8	-7.5	-28.8	26.5	-33.0	16.5	-3.8
11705	ok	0.0	0.3	9.03e-03	11.8	11.8	11.8	11.8	-6.8	-29.5	28.1	-35.5	30.2	-0.8
11706	ok	0.0	0.5	5.15e-03	11.8	11.8	11.8	11.8	-1.9	-36.3	8.3	2.4	-66.3	-0.5
11707	ok	0.0	0.5	8.18e-03	11.8	11.8	11.8	11.8	-16.2	-3.3	-9.4	-54.7	-19.0	-15.6
11708	ok	0.0	0.3	9.24e-03	11.8	11.8	11.8	11.8	-6.2	-38.5	25.0	-36.3	13.9	3.1
11709	ok	0.0	0.4	1.49e-03	11.8	11.8	11.8	11.8	-0.9	2.7	-0.3	9.5	-33.2	-36.2
11710	ok	0.0	0.3	9.94e-03	11.8	11.8	11.8	11.8	-4.7	-40.6	27.0	-38.8	26.3	3.8
11711	ok	0.0	0.3	1.01e-02	11.8	11.8	11.8	11.8	-7.2	-49.0	25.3	-36.3	16.8	7.4
11712	ok	0.0	0.3	1.02e-02	11.8	11.8	11.8	11.8	-2.8	-47.7	25.1	-40.7	29.2	6.2
11713	ok	0.0	0.2	1.20e-02	11.8	11.8	11.8	11.8	-5.1	-65.9	24.7	-25.4	19.8	17.5
11714	ok	0.0	0.3	1.34e-02	11.8	11.8	11.8	11.8	-6.0	-72.5	25.6	-26.4	43.0	14.0
11715	ok	0.0	0.2	1.29e-02	11.8	11.8	11.8	11.8	-4.6	-76.8	21.3	-13.8	22.9	20.0
11716	ok	0.0	0.4	1.42e-02	11.8	11.8	11.8	11.8	-4.6	-79.2	22.7	-7.9	54.3	18.3
11717	ok	0.0	0.3	3.42e-03	11.8	11.8	11.8	11.8	4.9	-10.7	-2.1	26.9	40.8	7.3
11718	ok	0.0	0.4	5.79e-03	11.8	11.8	11.8	11.8	-2.7	-12.3	3.5	8.3	-49.8	-11.3
11719	ok	0.0	0.4	4.95e-03	11.8	11.8	11.8	11.8	-1.1	-12.9	3.0	8.9	-50.5	-11.6
11720	ok	0.0	0.4	4.80e-03	11.8	11.8	11.8	11.8	0.1	-13.3	2.3	11.6	-46.2	-12.8
11721	ok	0.0	0.3	4.66e-03	11.8	11.8	11.8	11.8	1.1	-13.3	1.5	15.7	-36.5	-14.7
11722	ok	0.0	0.2	4.52e-03	11.8	11.8	11.8	11.8	1.7	-13.0	0.7	20.3	-20.5	-16.6
11723	ok	0.0	0.3	4.32e-03	11.8	11.8	11.8	11.8	3.2	-11.7	-0.5	26.4	8.0	-16.9
11724	ok	0.0	0.3	3.95e-03	11.8	11.8	11.8	11.8	4.3	-11.2	-1.3	27.0	32.2	-9.4
11725	ok	0.0	0.2	3.48e-03	11.8	11.8	11.8	11.8	-3.8	-1.5	6.4	2.1	15.0	8.4
11726	ok	0.0	0.2	3.44e-03	11.8	11.8	11.8	11.8	2.6	-10.0	-0.8	-19.4	-2.9	4.8
11727	ok	0.0	0.3	3.38e-03	11.8	11.8	11.8	11.8	2.5	-9.0	-1.4	-33.6	-12.1	4.1
11728	ok	0.0	0.4	3.30e-03	11.8	11.8	11.8	11.8	1.9	-7.9	-1.0	-43.5	-18.7	3.8
11729	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	1.3	-6.5	-0.2	-52.5	-23.4	4.1
11730	ok	0.0	0.4	5.59e-03	11.8	11.8	11.8	11.8	-2.9	-11.3	2.8	3.5	-50.4	-10.2
11731	ok	0.0	0.4	5.35e-03	11.8	11.8	11.8	11.8	-4.0	-10.1	1.2	-4.8	-51.8	-6.4
11732	ok	0.0	0.4	5.06e-03	11.8	11.8	11.8	11.8	-3.8	-9.7	0.8	-13.6	-51.4	-3.0
11733	ok	0.0	0.4	5.24e-03	11.8	11.8	11.8	11.8	-3.6	-9.4	0.8	-22.1	-51.4	0.1
11734	ok	0.0	0.4	5.66e-03	11.8	11.8	11.8	11.8	-3.4	-9.0	1.2	-32.2	-52.3	4.2
11735	ok	0.0	0.4	4.83e-03	11.8	11.8	11.8	11.8	-1.6	-11.7	2.6	1.3	-50.7	-11.4
11736	ok	0.0	0.4	4.67e-03	11.8	11.8	11.8	11.8	-2.7	-10.5	1.1	-8.6	-52.3	-8.0
11737	ok	0.0	0.4	4.74e-03	11.8	11.8	11.8	11.8	-2.8	-9.8	0.9	-17.8	-52.2	-4.6
11738	ok	0.0	0.4	4.93e-03	11.8	11.8	11.8	11.8	-2.8	-9.3	0.9	-26.1	-52.2	-1.1
11739	ok	0.0	0.4	5.17e-03	11.8	11.8	11.8	11.8	-2.8	-8.7	1.2	-35.6	-52.8	4.1
11740	ok	0.0	0.4	4.50e-03	11.8	11.8	11.8	11.8	-1.0	-11.7	1.0	-0.7	-48.1	-11.8
11741	ok	0.0	0.4	4.40e-03	11.8	11.8	11.8	11.8	-1.4	-10.7	0.8	-11.4	-48.6	-9.5
11742	ok	0.0	0.4	4.52e-03	11.8	11.8	11.8	11.8	-1.7	-9.9	0.8	-21.5	-49.1	-5.9
11743	ok	0.0	0.4	4.63e-03	11.8	11.8	11.8	11.8	-1.9	-9.2	0.8	-30.0	-49.7	-2.0
11744	ok	0.0	0.4	4.74e-03	11.8	11.8	11.8	11.8	-2.1	-8.4	1.1	-39.1	-50.5	3.8
11745	ok	0.0	0.3	4.46e-03	11.8	11.8	11.8	11.8	0.2	-11.9	0.5	-0.8	-39.5	-13.2
11746	ok	0.0	0.4	4.28e-03	11.8	11.8	11.8	11.8	-0.3	-10.8	0.5	-13.8	-41.1	-10.4
11747	ok	0.0	0.4	4.29e-03	11.8	11.8	11.8	11.8	-0.7	-9.9	0.5	-24.8	-43.0	-6.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11748	ok	0.0	0.4	4.31e-03	11.8	11.8	11.8	11.8	-1.0	-9.1	0.6	-33.6	-44.6	-2.4
11749	ok	0.0	0.4	4.34e-03	11.8	11.8	11.8	11.8	-1.3	-8.1	1.0	-42.4	-46.1	3.5
11750	ok	0.0	0.3	4.18e-03	11.8	11.8	11.8	11.8	1.0	-11.8	1.1	-0.8	-26.3	-13.8
11751	ok	0.0	0.3	4.11e-03	11.8	11.8	11.8	11.8	0.7	-10.7	4.39e-02	-16.0	-30.6	-10.2
11752	ok	0.0	0.3	4.10e-03	11.8	11.8	11.8	11.8	0.3	-9.8	0.2	-27.9	-34.6	-6.1
11753	ok	0.0	0.3	4.06e-03	11.8	11.8	11.8	11.8	1.27e-02	-8.9	0.4	-38.4	-35.9	-2.8
11754	ok	0.0	0.4	4.03e-03	11.8	11.8	11.8	11.8	-0.5	-7.7	0.8	-47.6	-38.5	3.3
11755	ok	0.0	0.1	3.98e-03	11.8	11.8	11.8	11.8	4.3	-15.8	-9.7	-3.2	-11.9	-9.9
11756	ok	0.0	0.2	3.92e-03	11.8	11.8	11.8	11.8	1.4	-10.6	0.7	-18.2	-18.9	-7.6
11757	ok	0.0	0.3	3.88e-03	11.8	11.8	11.8	11.8	1.2	-9.5	-0.2	-31.6	-23.6	-4.8
11758	ok	0.0	0.3	3.83e-03	11.8	11.8	11.8	11.8	0.8	-8.6	-7.14e-03	-41.4	-28.7	-1.3
11759	ok	0.0	0.4	3.75e-03	11.8	11.8	11.8	11.8	0.1	-7.4	0.5	-50.2	-32.6	3.6
11760	ok	0.0	0.1	3.72e-03	11.8	11.8	11.8	11.8	3.4	-10.5	-1.1	-0.9	11.7	-6.0
11761	ok	0.0	0.2	3.67e-03	11.8	11.8	11.8	11.8	2.1	-10.3	1.19e-02	-19.7	-8.6	-2.4
11762	ok	0.0	0.3	3.63e-03	11.8	11.8	11.8	11.8	1.3	-9.2	0.4	-33.4	-16.3	-0.9
11763	ok	0.0	0.4	3.56e-03	11.8	11.8	11.8	11.8	1.4	-8.3	-0.5	-43.3	-22.5	1.1
11764	ok	0.0	0.4	3.44e-03	11.8	11.8	11.8	11.8	0.7	-7.0	0.1	-51.9	-27.3	3.9
11765	ok	0.0	0.6	3.79e-03	11.8	11.8	11.8	11.8	6.0	-10.6	-0.4	50.6	73.9	9.8
11766	ok	0.0	0.4	5.90e-03	11.8	11.8	11.8	11.8	-2.4	-13.2	4.1	9.6	-49.0	-10.5
11767	ok	0.0	0.4	4.99e-03	11.8	11.8	11.8	11.8	-0.7	-13.9	3.4	12.5	-50.1	-10.0
11768	ok	0.0	0.4	4.74e-03	11.8	11.8	11.8	11.8	0.7	-14.4	2.5	17.7	-46.2	-10.6
11769	ok	0.0	0.3	4.64e-03	11.8	11.8	11.8	11.8	1.8	-14.5	1.5	25.4	-36.5	-12.3
11770	ok	0.0	0.3	4.57e-03	11.8	11.8	11.8	11.8	2.6	-14.3	0.4	35.5	-19.4	-15.1
11771	ok	0.0	0.5	4.57e-03	11.8	11.8	11.8	11.8	3.9	-13.6	-1.1	52.1	13.1	-18.2
11772	ok	0.0	0.6	4.41e-03	11.8	11.8	11.8	11.8	5.1	-14.7	-0.8	53.8	57.6	-13.3
11773	ok	0.0	0.3	7.12e-03	11.8	11.8	11.8	11.8	-3.3	-15.1	7.0	2.9	-39.3	-6.1
11774	ok	0.0	1.0	3.51e-03	11.8	35.7	11.8	38.6	1.3	-15.2	-5.7	319.5	333.5	-25.9
11775	ok	0.0	0.4	7.05e-03	11.8	11.8	11.8	11.8	-4.0	-13.3	5.7	6.3	-41.3	-10.0
11776	ok	0.0	0.4	6.04e-03	11.8	11.8	11.8	11.8	-0.8	-16.4	5.9	8.0	-45.5	-3.5
11777	ok	0.0	0.4	5.12e-03	11.8	11.8	11.8	11.8	1.3	-17.2	4.5	14.9	-47.4	-1.1
11778	ok	0.0	0.4	4.61e-03	11.8	11.8	11.8	11.8	2.9	-17.4	2.2	24.4	-44.5	1.1
11779	ok	0.0	0.3	4.57e-03	11.8	11.8	11.8	11.8	4.1	-17.5	0.6	37.7	-35.5	2.8
11780	ok	0.0	0.5	4.50e-03	11.8	11.8	11.8	11.8	4.6	-17.3	-0.8	56.8	-18.6	4.3
11781	ok	0.0	0.8	4.51e-03	11.8	11.8	11.8	11.8	3.8	-15.3	-2.4	97.7	11.4	8.3
11782	ok	0.0	1.0	4.56e-03	11.8	16.7	11.8	14.1	-1.5	-3.1	10.6	114.7	109.0	35.8
11783	ok	0.0	1.0	4.19e-03	11.8	13.0	11.8	15.7	-0.9	-8.2	3.9	94.9	122.4	38.2
11784	ok	0.0	0.4	6.00e-03	11.8	11.8	11.8	11.8	-1.7	-14.6	5.0	9.6	-47.5	-7.8
11785	ok	0.0	0.4	5.12e-03	11.8	11.8	11.8	11.8	0.2	-15.4	3.9	14.9	-49.1	-6.3
11786	ok	0.0	0.4	4.66e-03	11.8	11.8	11.8	11.8	1.7	-15.9	2.7	22.9	-45.8	-5.7
11787	ok	0.0	0.3	4.61e-03	11.8	11.8	11.8	11.8	2.8	-16.0	1.5	34.2	-36.6	-6.2
11788	ok	0.0	0.4	4.56e-03	11.8	11.8	11.8	11.8	3.6	-16.0	0.2	50.0	-19.7	-7.7
11789	ok	0.0	0.7	4.59e-03	11.8	11.8	11.8	11.8	6.6	-14.3	-2.5	87.5	15.5	-11.4
11790	ok	0.0	1.0	4.79e-03	11.8	15.3	11.8	11.9	2.3	-8.8	-1.0	130.7	99.0	-25.4
11791	ok	0.0	0.2	6.76e-03	11.8	11.8	11.8	11.8	5.9	-29.8	10.4	-8.0	-29.8	10.9
11792	ok	0.0	0.3	7.06e-03	11.8	11.8	11.8	11.8	2.3	-25.3	10.4	-7.6	-32.4	8.3
11793	ok	0.0	0.3	6.95e-03	11.8	11.8	11.8	11.8	-0.6	-21.2	9.6	-5.6	-35.3	4.1
11794	ok	0.0	0.3	7.08e-03	11.8	11.8	11.8	11.8	-2.7	-17.7	8.3	-2.3	-38.0	-1.1
11795	ok	0.0	0.2	4.58e-03	11.8	11.8	11.8	11.8	9.3	-17.1	-9.6	-14.9	14.6	7.5
11796	ok	0.0	0.3	5.67e-03	11.8	11.8	11.8	11.8	8.7	-29.1	6.6	-7.5	-36.1	12.9
11797	ok	0.0	0.3	5.57e-03	11.8	11.8	11.8	11.8	10.6	-28.0	3.2	-7.2	-38.3	15.2
11798	ok	0.0	0.3	5.43e-03	11.8	11.8	11.8	11.8	11.7	-26.6	7.32e-02	-7.1	-36.2	17.7
11799	ok	0.0	0.3	5.25e-03	11.8	11.8	11.8	11.8	12.2	-24.9	-2.7	-7.2	-29.9	19.9
11800	ok	0.0	0.3	5.11e-03	11.8	11.8	11.8	11.8	12.2	-23.1	-5.2	-8.1	-19.7	21.0
11801	ok	0.0	0.2	4.90e-03	11.8	11.8	11.8	11.8	11.5	-21.4	-6.4	-9.9	-7.2	19.4
11802	ok	0.0	0.2	4.73e-03	11.8	11.8	11.8	11.8	10.8	-18.6	-8.6	-13.2	11.5	16.5
11803	ok	0.0	0.3	4.44e-03	11.8	11.8	11.8	11.8	8.4	-16.0	-8.3	7.3	33.3	7.9
11804	ok	0.0	0.6	4.80e-03	11.8	11.8	11.8	11.8	7.0	-11.7	-6.7	37.4	68.6	7.1
11805	ok	0.0	1.0	5.88e-03	11.8	12.3	11.8	14.6	3.5	-6.4	-11.0	102.1	130.3	6.1
11806	ok	0.0	0.3	5.75e-03	11.8	11.8	11.8	11.8	5.4	-25.5	7.2	-4.7	-38.5	10.9
11807	ok	0.0	0.3	5.92e-03	11.8	11.8	11.8	11.8	2.6	-22.0	7.0	-1.0	-41.3	7.0
11808	ok	0.0	0.3	6.01e-03	11.8	11.8	11.8	11.8	0.8	-18.8	6.3	4.5	-43.0	2.5
11809	ok	0.0	0.3	5.16e-03	11.8	11.8	11.8	11.8	7.5	-25.0	4.2	-1.8	-40.6	13.9
11810	ok	0.0	0.3	4.88e-03	11.8	11.8	11.8	11.8	5.3	-22.1	4.4	5.9	-41.9	11.4
11811	ok	0.0	0.4	5.08e-03	11.8	11.8	11.8	11.8	3.1	-19.4	4.3	11.6	-44.9	5.6
11812	ok	0.0	0.3	5.03e-03	11.8	11.8	11.8	11.8	9.2	-24.1	1.2	2.7	-36.0	18.8
11813	ok	0.0	0.3	4.71e-03	11.8	11.8	11.8	11.8	6.8	-21.7	2.0	12.6	-38.9	15.4
11814	ok	0.0	0.3	4.60e-03	11.8	11.8	11.8	11.8	4.7	-19.5	2.3	20.6	-42.1	9.0
11815	ok	0.0	0.3	4.88e-03	11.8	11.8	11.8	11.8	9.9	-22.9	-1.3	6.1	-27.9	22.6
11816	ok	0.0	0.3	4.63e-03	11.8	11.8	11.8	11.8	7.7	-21.0	-0.2	20.4	-30.2	19.9
11817	ok	0.0	0.3	4.57e-03	11.8	11.8	11.8	11.8	5.8	-19.3	0.4	32.5	-33.4	12.8
11818	ok	0.0	0.2	4.76e-03	11.8	11.8	11.8	11.8	10.0	-21.3	-3.8	8.5	-14.3	25.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11819	ok	0.0	0.4	4.54e-03	11.8	11.8	11.8	11.8	8.1	-20.0	-2.2	29.6	-14.2	24.9
11820	ok	0.0	0.5	4.49e-03	11.8	11.8	11.8	11.8	6.4	-18.9	-1.3	48.4	-16.9	17.1
11821	ok	0.0	0.3	4.70e-03	11.8	11.8	11.8	11.8	10.2	-18.9	-6.0	10.3	9.9	26.9
11822	ok	0.0	0.5	4.51e-03	11.8	11.8	11.8	11.8	9.2	-18.2	-4.4	41.5	16.7	31.2
11823	ok	0.0	0.8	4.40e-03	11.8	11.8	11.8	11.8	8.5	-16.3	-2.8	85.7	17.8	25.3
11824	ok	0.0	0.3	4.59e-03	11.8	11.8	11.8	11.8	9.7	-17.4	-7.1	8.7	26.9	20.5
11825	ok	0.0	0.6	4.80e-03	11.8	11.8	11.8	11.8	9.0	-17.7	-8.0	42.6	57.2	26.0
11826	ok	0.0	1.0	4.56e-03	11.8	16.5	11.8	13.7	2.6	-12.4	-6.0	131.8	106.4	35.6
11827	ok	0.0	0.3	1.33e-02	11.8	11.8	11.8	11.8	-4.9	-91.5	22.6	-7.0	36.9	12.5
11828	ok	0.0	0.3	4.77e-03	11.8	11.8	11.8	11.8	10.2	-17.5	-11.5	-36.8	-4.6	6.0
11829	ok	0.0	0.5	1.38e-02	11.8	11.8	11.8	11.8	3.09e-02	-76.8	21.2	4.8	59.7	15.3
11830	ok	0.0	0.4	5.45e-03	11.8	11.8	11.8	11.8	-1.8	-35.0	7.3	3.7	-49.0	-4.9
11831	ok	0.0	0.6	5.63e-03	11.8	11.8	11.8	11.8	-2.3	-39.3	9.4	1.0	-77.5	3.9
11832	ok	0.0	0.8	1.06e-02	11.8	11.8	11.8	11.8	-54.4	-3.5	-1.8	79.2	76.1	29.3
11833	ok	0.0	0.6	8.88e-03	11.8	11.8	11.8	11.8	-1.8	-7.7	-3.1	69.8	49.1	10.9
11834	ok	0.0	1.0	8.17e-03	11.8	26.6	18.9	31.8	-2.9	-14.5	19.9	180.5	213.9	-80.1
11835	ok	0.0	0.9	6.89e-03	11.8	11.8	11.8	13.0	-35.2	-23.6	-12.0	62.2	91.4	46.1
11836	ok	0.0	0.9	7.21e-03	11.8	14.1	11.8	11.8	-1.0	6.2	-6.5	53.7	80.9	14.9
11837	ok	0.0	0.3	4.66e-03	11.8	11.8	11.8	11.8	10.0	-17.5	-10.9	-27.6	3.7	6.8
11838	ok	0.0	0.8	5.75e-03	11.8	11.8	11.8	11.8	-35.4	-17.8	2.6	76.8	50.7	0.8
11839	ok	0.0	0.2	7.15e-03	11.8	11.8	11.8	11.8	34.6	1.4	9.1	13.0	4.5	3.2
11840	ok	0.0	0.2	5.84e-03	11.8	11.8	11.8	11.8	27.2	1.5	8.2	14.3	5.7	2.8
11841	ok	0.0	0.3	7.06e-03	11.8	11.8	11.8	11.8	-6.2	-3.3	5.2	33.0	16.0	4.1
11842	ok	0.0	0.4	5.99e-03	11.8	11.8	11.8	11.8	-7.5	-4.7	7.3	37.2	15.7	7.7
11843	ok	0.0	0.3	5.83e-03	11.8	11.8	11.8	11.8	4.0	0.2	2.8	-36.5	-8.9	-5.4
11844	ok	0.0	0.3	5.48e-03	11.8	11.8	11.8	11.8	2.8	-0.1	3.0	-36.7	-10.6	-4.5
11845	ok	0.0	0.3	6.02e-03	11.8	11.8	11.8	11.8	3.8	0.3	3.1	-35.0	-7.1	-5.0
11846	ok	0.0	0.4	4.93e-03	11.8	11.8	11.8	11.8	10.8	-17.4	-12.7	-42.5	-9.7	5.3
11847	ok	0.0	0.2	6.70e-03	11.8	11.8	11.8	11.8	3.1	-2.98e-02	3.6	-29.2	-3.8	-3.7
11848	ok	0.0	0.1	7.06e-03	11.8	11.8	11.8	11.8	-34.8	-1.1	-2.6	-18.6	-1.2	-5.2
11849	ok	0.0	0.3	5.55e-03	11.8	11.8	11.8	11.8	2.5	-0.2	3.5	-34.4	-8.5	-3.8
11850	ok	0.0	0.2	5.63e-03	11.8	11.8	11.8	11.8	2.2	-0.4	4.1	-26.5	-5.1	-2.9
11851	ok	0.0	0.1	5.73e-03	11.8	11.8	11.8	11.8	-43.2	-1.3	-4.0	-10.8	1.0	-6.1
11852	ok	0.0	0.2	5.35e-03	11.8	11.8	11.8	11.8	4.4	-0.7	2.0	-14.4	-7.9	-2.8
11853	ok	0.0	0.2	5.07e-03	11.8	11.8	11.8	11.8	3.1	-0.8	2.0	-16.5	-9.2	-2.0
11854	ok	0.0	0.2	5.49e-03	11.8	11.8	11.8	11.8	4.2	-0.2	2.2	-25.8	-9.1	-4.3
11855	ok	0.0	0.4	5.09e-03	11.8	11.8	11.8	11.8	11.3	-17.0	-14.0	-46.6	-13.8	4.5
11856	ok	0.0	0.3	5.65e-03	11.8	11.8	11.8	11.8	4.1	5.65e-02	2.5	-33.4	-9.5	-5.2
11857	ok	0.0	0.2	5.23e-03	11.8	11.8	11.8	11.8	3.0	-0.5	2.2	-27.3	-10.7	-3.7
11858	ok	0.0	0.3	5.37e-03	11.8	11.8	11.8	11.8	2.9	-0.2	2.6	-34.2	-11.3	-4.5
11859	ok	0.0	9.02e-02	5.16e-03	11.8	11.8	11.8	11.8	38.8	0.8	9.3	-4.8	-7.5	2.2
11860	ok	0.0	0.1	4.87e-03	11.8	11.8	11.8	11.8	36.4	-0.8	7.0	-6.9	-7.3	2.7
11861	ok	0.0	0.5	4.07e-03	11.8	11.8	11.8	11.8	3.8	-5.0	2.7	56.7	-10.3	10.7
11862	ok	0.0	0.5	3.82e-03	11.8	11.8	11.8	11.8	3.2	-4.6	2.4	55.1	-7.9	13.2
11863	ok	0.0	0.4	4.50e-03	11.8	11.8	11.8	11.8	4.1	-4.0	2.1	42.0	-8.1	6.1
11864	ok	0.0	0.2	4.89e-03	11.8	11.8	11.8	11.8	4.4	-2.4	1.8	21.5	-6.5	1.9
11865	ok	0.0	0.3	4.15e-03	11.8	11.8	11.8	11.8	3.2	-3.6	2.0	37.5	-6.4	9.9
11866	ok	0.0	0.2	4.55e-03	11.8	11.8	11.8	11.8	3.0	-2.3	1.8	17.3	-6.1	5.1
11867	ok	0.0	0.5	3.85e-03	11.8	11.8	11.8	11.8	3.0	-5.1	3.6	55.9	-10.6	11.5
11868	ok	0.0	0.5	3.72e-03	11.8	11.8	11.8	11.8	2.7	-4.6	2.9	60.1	-8.2	10.1
11869	ok	0.0	0.3	3.34e-03	11.8	11.8	11.8	11.8	-0.4	-1.7	2.2	-40.7	-11.6	-2.7
11870	ok	0.0	0.3	3.25e-03	11.8	11.8	11.8	11.8	-0.6	-2.2	2.4	-41.0	-11.1	-1.8
11871	ok	0.0	0.2	3.52e-03	11.8	11.8	11.8	11.8	-0.6	-1.6	2.8	-27.1	-8.7	-2.4
11872	ok	0.0	7.66e-02	3.74e-03	11.8	11.8	11.8	11.8	-0.8	-1.7	3.4	-8.3	-6.8	-1.2
11873	ok	0.0	0.2	3.81e-03	11.8	11.8	11.8	11.8	1.9	-2.6	3.2	14.8	-6.5	1.9
11874	ok	0.0	0.3	3.83e-03	11.8	11.8	11.8	11.8	2.4	-4.0	3.8	39.6	-8.2	7.3
11875	ok	0.0	0.2	3.37e-03	11.8	11.8	11.8	11.8	-0.7	-2.1	2.9	-26.8	-7.1	-2.6
11876	ok	0.0	8.31e-02	3.60e-03	11.8	11.8	11.8	11.8	-0.8	-2.1	3.4	-6.8	-3.9	-3.1
11877	ok	0.0	0.2	3.70e-03	11.8	11.8	11.8	11.8	0.6	-2.8	4.3	17.3	2.0	-4.7
11878	ok	0.0	0.4	3.66e-03	11.8	11.8	11.8	11.8	-0.3	-3.3	3.8	45.6	-5.7	2.4
11879	ok	0.0	0.4	2.80e-03	11.8	11.8	11.8	11.8	0.2	-3.1	0.3	-51.3	-19.6	-0.5
11880	ok	0.0	0.4	2.71e-03	11.8	11.8	11.8	11.8	1.6	-3.9	-0.4	-53.1	-20.0	1.2
11881	ok	0.0	0.4	2.99e-03	11.8	11.8	11.8	11.8	-5.18e-02	-2.5	1.0	-52.5	-17.4	-1.7
11882	ok	0.0	0.4	3.17e-03	11.8	11.8	11.8	11.8	-0.3	-2.0	1.6	-49.1	-14.7	-2.4
11883	ok	0.0	0.4	2.88e-03	11.8	11.8	11.8	11.8	-0.2	-3.0	1.2	-53.6	-18.0	-0.2
11884	ok	0.0	0.4	3.04e-03	11.8	11.8	11.8	11.8	-0.5	-2.5	1.8	-49.7	-14.9	-1.0
11885	ok	0.0	0.3	2.96e-03	11.8	11.8	11.8	11.8	2.8	-9.8	-4.2	31.6	-22.7	24.0
11886	ok	0.0	0.4	4.83e-03	11.8	11.8	11.8	11.8	-25.9	6.3	5.6	-44.2	-52.4	0.5
11887	ok	0.0	0.4	3.02e-03	11.8	11.8	11.8	11.8	3.1	-10.0	-4.2	31.5	-10.7	26.7
11888	ok	0.0	0.3	2.89e-03	11.8	11.8	11.8	11.8	2.7	-8.6	-3.9	13.5	-22.2	20.3
11889	ok	0.0	0.2	2.81e-03	11.8	11.8	11.8	11.8	1.3	-7.2	-2.5	-4.7	-22.2	14.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11890	ok	0.0	0.3	2.71e-03	11.8	11.8	11.8	11.8	2.4	-6.3	-2.8	-21.0	-22.1	9.4
11891	ok	0.0	0.3	2.59e-03	11.8	11.8	11.8	11.8	2.2	-5.2	-2.1	-34.5	-21.8	5.1
11892	ok	0.0	0.4	5.26e-03	11.8	11.8	11.8	11.8	11.8	-16.1	-15.7	-49.7	-17.0	3.6
11893	ok	0.0	0.4	2.64e-03	11.8	11.8	11.8	11.8	2.0	-3.8	-1.0	-48.3	-20.6	0.9
11894	ok	0.0	0.2	3.10e-03	11.8	11.8	11.8	11.8	3.0	-8.9	-3.8	10.0	-13.0	22.1
11895	ok	0.0	0.2	2.92e-03	11.8	11.8	11.8	11.8	2.7	-7.9	-3.2	-9.2	-16.3	16.0
11896	ok	0.0	0.3	2.75e-03	11.8	11.8	11.8	11.8	2.4	-6.8	-2.6	-25.1	-18.9	10.7
11897	ok	0.0	0.3	2.59e-03	11.8	11.8	11.8	11.8	2.1	-5.8	-1.9	-37.8	-20.5	6.5
11898	ok	0.0	0.4	2.67e-03	11.8	11.8	11.8	11.8	1.7	-4.4	-0.9	-50.3	-20.8	2.4
11899	ok	0.0	0.4	2.90e-03	11.8	11.8	11.8	11.8	2.0	-10.5	-3.7	42.4	-23.7	24.3
11900	ok	0.0	0.4	5.52e-03	11.8	11.8	11.8	11.8	12.3	-12.6	-19.0	-47.4	-16.2	2.1
11901	ok	0.0	0.5	3.03e-03	11.8	11.8	11.8	11.8	3.4	-11.1	-4.4	47.6	-10.0	27.6
11902	ok	0.0	0.5	3.51e-03	11.8	11.8	11.8	11.8	2.3	-12.5	-5.5	53.0	-24.7	12.9
11903	ok	0.0	0.6	3.69e-03	11.8	11.8	11.8	11.8	3.6	-14.0	-6.2	68.5	-10.3	12.1
11904	ok	0.0	0.5	3.15e-03	11.8	11.8	11.8	11.8	2.2	-11.6	-4.4	51.6	-24.7	20.6
11905	ok	0.0	0.6	3.24e-03	11.8	11.8	11.8	11.8	3.4	-12.7	-5.1	62.9	-10.4	22.8
11906	ok	0.0	0.2	4.17e-03	11.8	11.8	11.8	11.8	2.1	-12.1	-11.2	-14.7	-20.3	-8.1
11907	ok	0.0	0.2	4.32e-03	11.8	11.8	11.8	11.8	3.6	-13.2	-10.9	-13.9	-11.5	-8.4
11908	ok	0.0	0.4	5.44e-03	11.8	11.8	11.8	11.8	12.2	-14.7	-17.5	-50.1	-17.9	2.7
11909	ok	0.0	0.2	4.15e-03	11.8	11.8	11.8	11.8	2.0	-12.4	-10.0	3.8	-19.2	-7.6
11910	ok	0.0	0.2	4.11e-03	11.8	11.8	11.8	11.8	2.1	-12.8	-8.7	24.7	-20.3	-4.3
11911	ok	0.0	0.4	3.91e-03	11.8	11.8	11.8	11.8	2.2	-13.0	-7.1	43.3	-22.8	3.1
11912	ok	0.0	0.1	4.35e-03	11.8	11.8	11.8	11.8	3.1	-13.3	-9.9	6.8	-7.7	-9.7
11913	ok	0.0	0.3	4.51e-03	11.8	11.8	11.8	11.8	3.1	-14.1	-8.9	32.6	-6.4	-8.8
11914	ok	0.0	0.5	4.20e-03	11.8	11.8	11.8	11.8	2.9	-14.5	-7.2	56.8	-8.4	-1.3
11915	ok	0.0	0.3	4.19e-03	11.8	11.8	11.8	11.8	2.4	-11.9	-13.3	-35.6	-24.3	-6.6
11916	ok	0.0	0.3	5.43e-03	11.8	11.8	11.8	11.8	12.3	-7.2	-22.3	-30.7	-6.1	2.7
11917	ok	0.0	0.3	4.35e-03	11.8	11.8	11.8	11.8	4.3	-13.1	-13.1	-36.2	-18.8	-5.5
11918	ok	0.0	0.2	4.18e-03	11.8	11.8	11.8	11.8	2.3	-12.0	-12.3	-26.6	-22.0	-7.6
11919	ok	0.0	0.2	4.32e-03	11.8	11.8	11.8	11.8	4.0	-13.2	-12.0	-26.6	-15.1	-7.0
11920	ok	0.0	0.3	4.28e-03	11.8	11.8	11.8	11.8	2.5	-11.7	-14.2	-41.2	-26.2	-5.7
11921	ok	0.0	0.3	4.36e-03	11.8	11.8	11.8	11.8	4.5	-12.9	-14.1	-42.1	-21.6	-4.2
11922	ok	0.0	0.4	4.31e-03	11.8	11.8	11.8	11.8	2.5	-11.5	-15.2	-45.1	-28.2	-4.4
11923	ok	0.0	0.4	4.44e-03	11.8	11.8	11.8	11.8	4.7	-12.7	-15.1	-46.2	-24.2	-2.9
11924	ok	0.0	0.4	5.47e-03	11.8	11.8	11.8	11.8	12.8	-10.5	-21.3	-39.6	-13.5	2.4
11925	ok	0.0	0.4	4.27e-03	11.8	11.8	11.8	11.8	2.5	-11.0	-16.4	-47.4	-30.5	-2.4
11926	ok	0.0	0.4	4.47e-03	11.8	11.8	11.8	11.8	4.8	-12.0	-16.4	-48.9	-26.9	-1.0
11927	ok	0.0	0.4	4.18e-03	11.8	11.8	11.8	11.8	2.0	-9.1	-18.3	-41.8	-33.4	3.5
11928	ok	0.0	0.4	4.69e-03	11.8	11.8	11.8	11.8	4.5	-9.7	-18.6	-44.4	-28.8	4.4
11929	ok	0.0	0.4	4.21e-03	11.8	11.8	11.8	11.8	2.3	-10.2	-17.5	-46.3	-32.4	0.2
11930	ok	0.0	0.4	4.57e-03	11.8	11.8	11.8	11.8	4.7	-11.1	-17.6	-48.3	-28.5	1.4
11931	ok	0.0	0.4	4.18e-03	11.8	11.8	11.8	11.8	1.0	-5.9	-19.1	-23.3	-32.8	12.6
11932	ok	0.0	0.4	5.22e-03	11.8	11.8	11.8	11.8	9.8	3.1	-22.2	22.9	45.8	3.6
11933	ok	0.0	0.3	4.74e-03	11.8	11.8	11.8	11.8	3.6	-5.9	-19.6	-26.6	-24.7	12.7
11934	ok	0.0	0.4	4.18e-03	11.8	11.8	11.8	11.8	1.6	-7.6	-18.9	-34.0	-33.5	7.7
11935	ok	0.0	0.4	4.72e-03	11.8	11.8	11.8	11.8	4.1	-8.0	-19.3	-37.1	-27.5	8.2
11936	ok	0.0	0.3	3.70e-03	11.8	11.8	11.8	11.8	-2.1	1.4	-17.6	20.5	-29.6	24.9
11937	ok	0.0	0.3	4.59e-03	11.8	11.8	11.8	11.8	2.2	3.3	-19.6	23.2	-14.2	28.4
11938	ok	0.0	0.4	4.01e-03	11.8	11.8	11.8	11.8	-0.3	-1.3	-19.1	3.7	-30.4	22.0
11939	ok	0.0	0.4	4.13e-03	11.8	11.8	11.8	11.8	0.2	-3.8	-18.9	-10.9	-31.7	17.4
11940	ok	0.0	0.2	5.21e-03	11.8	11.8	11.8	11.8	10.7	-0.1	-22.2	-2.2	23.1	3.2
11941	ok	0.0	0.2	5.33e-03	11.8	11.8	11.8	11.8	11.5	-3.6	-22.1	-19.7	7.5	2.7
11942	ok	0.0	0.3	4.63e-03	11.8	11.8	11.8	11.8	2.2	-0.9	-19.2	2.0	-16.9	22.2
11943	ok	0.0	0.3	4.72e-03	11.8	11.8	11.8	11.8	3.0	-3.6	-19.6	-13.9	-21.1	17.5
11944	ok	0.0	0.4	4.12e-03	11.8	11.8	11.8	11.8	-6.0	6.5	-13.5	47.9	-28.2	11.7
11945	ok	0.0	0.6	4.26e-03	11.8	11.8	11.8	11.8	-4.6	7.7	-14.7	75.5	-8.7	11.0
11946	ok	0.0	0.4	4.21e-03	11.8	11.8	11.8	11.8	-3.8	3.9	-15.5	40.5	-29.6	22.4
11947	ok	0.0	0.6	4.36e-03	11.8	11.8	11.8	11.8	-1.0	5.5	-17.2	59.8	-10.4	26.9
11948	ok	0.0	0.3	4.11e-03	11.8	11.8	11.8	11.8	-7.9	8.7	-12.0	39.0	-24.9	1.6
11949	ok	0.0	0.5	4.44e-03	11.8	11.8	11.8	11.8	-6.7	9.9	-14.0	61.8	-4.9	-4.2
11950	ok	0.0	0.2	4.13e-03	11.8	11.8	11.8	11.8	-9.5	10.8	-10.4	28.1	-21.9	-2.9
11951	ok	0.0	0.4	4.53e-03	11.8	11.8	11.8	11.8	-8.3	12.0	-13.0	43.3	-1.9	-9.3
11952	ok	0.0	0.2	3.84e-03	11.8	11.8	11.8	11.8	-13.3	15.5	-5.8	-11.9	-15.9	-5.3
11953	ok	0.0	0.1	3.87e-03	11.8	11.8	11.8	11.8	-11.7	19.6	-8.0	-9.5	2.7	-8.3
11954	ok	0.0	0.2	4.00e-03	11.8	11.8	11.8	11.8	-11.6	13.3	-7.9	8.0	-18.0	-6.3
11955	ok	0.0	0.2	4.34e-03	11.8	11.8	11.8	11.8	-10.0	16.5	-10.6	10.6	3.6	-10.0
11956	ok	0.0	1.0	4.91e-03	11.8	32.7	11.8	30.3	-0.5	16.2	-32.4	300.9	270.7	19.0
11957	ok	0.0	0.3	3.27e-03	11.8	11.8	11.8	11.8	-17.5	18.3	5.7	-39.5	-12.7	5.9
11958	ok	0.0	0.3	3.20e-03	11.8	11.8	11.8	11.8	-15.6	21.2	5.1	-41.0	-0.8	5.0
11959	ok	0.0	0.3	3.36e-03	11.8	11.8	11.8	11.8	-16.7	18.7	2.7	-38.7	-13.6	2.6
11960	ok	0.0	0.3	3.49e-03	11.8	11.8	11.8	11.8	-15.8	18.4	-0.3	-33.8	-14.2	-0.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11961	ok	0.0	0.2	3.64e-03	11.8	11.8	11.8	11.8	-14.7	17.3	-3.1	-24.8	-14.9	-3.3
11962	ok	0.0	0.3	3.31e-03	11.8	11.8	11.8	11.8	-14.7	21.5	1.9	-40.1	-2.4	1.5
11963	ok	0.0	0.3	3.45e-03	11.8	11.8	11.8	11.8	-13.7	21.1	-1.2	-34.9	-2.8	-1.8
11964	ok	0.0	0.9	5.72e-03	11.8	11.8	11.8	11.8	8.4	4.2	-23.9	78.2	105.6	4.4
11965	ok	0.0	0.2	3.62e-03	11.8	11.8	11.8	11.8	-12.5	19.9	-4.2	-25.3	-2.3	-5.0
11966	ok	0.0	0.3	3.82e-03	11.8	11.8	11.8	11.8	-17.8	15.7	10.4	-32.2	-11.7	10.7
11967	ok	0.0	0.3	3.69e-03	11.8	11.8	11.8	11.8	-17.1	20.2	10.3	-30.0	7.5	9.5
11968	ok	0.0	0.2	4.67e-03	11.8	11.8	11.8	11.8	-16.9	9.4	15.6	-9.2	-12.7	13.1
11969	ok	0.0	0.2	4.76e-03	11.8	11.8	11.8	11.8	-16.7	13.2	16.5	-3.4	11.8	14.7
11970	ok	0.0	0.2	4.25e-03	11.8	11.8	11.8	11.8	-17.5	12.8	13.2	-22.3	-11.7	12.9
11971	ok	0.0	0.2	4.25e-03	11.8	11.8	11.8	11.8	-17.1	17.0	13.7	-19.0	10.2	12.9
11972	ok	0.0	1.0	7.01e-03	11.8	11.8	11.8	14.4	8.2	42.4	-29.4	100.3	136.8	4.8
11973	ok	0.0	0.1	5.09e-03	11.8	11.8	11.8	11.8	-16.2	5.6	18.1	8.3	-14.6	9.4
11974	ok	0.0	0.3	5.22e-03	11.8	11.8	11.8	11.8	-15.9	9.2	19.5	19.9	11.9	12.5
11975	ok	0.0	0.1	5.50e-03	11.8	11.8	11.8	11.8	-15.0	0.3	20.3	17.6	-16.7	-1.4
11976	ok	0.0	0.3	5.59e-03	11.8	11.8	11.8	11.8	-14.5	3.6	21.9	33.4	10.1	-0.7
11977	ok	0.0	0.2	6.33e-03	11.8	11.8	11.8	11.8	-13.2	-8.6	23.3	3.9	-14.7	-14.2
11978	ok	0.0	0.2	6.49e-03	11.8	11.8	11.8	11.8	-12.5	-5.7	25.5	10.6	11.2	-16.3
11979	ok	0.0	0.2	5.85e-03	11.8	11.8	11.8	11.8	-14.2	-3.8	21.8	13.7	-16.2	-9.7
11980	ok	0.0	0.8	4.38e-03	11.8	11.8	11.8	11.8	4.9	22.4	-17.3	54.0	95.7	4.0
11981	ok	0.0	0.2	5.92e-03	11.8	11.8	11.8	11.8	-13.6	-0.4	23.5	26.2	10.5	-11.7
11982	ok	0.0	0.2	7.27e-03	11.8	11.8	11.8	11.8	-10.9	-19.0	24.7	-16.4	-14.0	-12.1
11983	ok	0.0	0.2	7.56e-03	11.8	11.8	11.8	11.8	-10.3	-18.0	26.9	-15.9	8.1	-12.0
11984	ok	0.0	0.2	6.82e-03	11.8	11.8	11.8	11.8	-11.9	-13.6	24.1	-7.7	-14.4	-14.2
11985	ok	0.0	0.2	7.10e-03	11.8	11.8	11.8	11.8	-11.1	-11.8	26.4	-4.9	9.7	-15.1
11986	ok	0.0	0.2	7.90e-03	11.8	11.8	11.8	11.8	-9.2	-27.9	24.7	-26.1	-14.6	-5.7
11987	ok	0.0	0.2	8.26e-03	11.8	11.8	11.8	11.8	-9.1	-28.4	27.1	-26.5	5.4	-4.9
11988	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	-0.1	25.7	-10.6	-10.3	36.2	-0.2
11989	ok	0.0	0.2	8.32e-03	11.8	11.8	11.8	11.8	-7.8	-37.9	23.6	-30.7	-16.5	1.3
11990	ok	0.0	0.3	8.79e-03	11.8	11.8	11.8	11.8	-7.9	-37.8	24.7	-33.0	-0.9	2.6
11991	ok	0.0	0.2	9.62e-03	11.8	11.8	11.8	11.8	-8.9	-46.6	26.1	-30.5	-17.3	7.1
11992	ok	0.0	0.3	9.81e-03	11.8	11.8	11.8	11.8	-6.4	-42.2	24.1	-32.3	-1.1	6.2
11993	ok	0.0	0.2	1.07e-02	11.8	11.8	11.8	11.8	-6.3	-61.6	21.7	-20.6	-17.6	16.2
11994	ok	0.0	0.2	1.14e-02	11.8	11.8	11.8	11.8	-6.4	-70.0	27.9	-17.0	13.6	12.4
11995	ok	0.0	0.2	1.16e-02	11.8	11.8	11.8	11.8	-4.8	-71.1	19.1	-13.5	-17.2	20.5
11996	ok	0.0	0.5	3.78e-03	11.8	11.8	11.8	11.8	1.9	24.7	-13.3	13.8	60.5	1.9
11997	ok	0.0	0.2	1.23e-02	11.8	11.8	11.8	11.8	-4.8	-80.4	22.1	-10.9	16.3	14.8
11998	ok	0.0	0.2	1.42e-03	11.8	11.8	11.8	11.8	0.5	-2.4	-5.6	-5.2	-11.7	10.4
11999	ok	0.0	0.2	1.32e-02	11.8	11.8	11.8	11.8	-5.8	-89.9	21.6	-8.3	23.4	12.4
12000	ok	0.0	0.6	7.48e-03	11.8	11.8	11.8	11.8	-3.1	-52.4	12.9	-4.0	-74.7	12.5
12001	ok	0.0	0.3	7.80e-03	11.8	11.8	11.8	11.8	-1.4	-56.3	8.5	7.0	43.3	-16.5
12002	ok	0.0	0.4	7.10e-03	11.8	11.8	11.8	11.8	-40.8	-2.8	-8.7	37.6	5.3	11.5
12003	ok	0.0	0.5	1.05e-02	11.8	11.8	11.8	11.8	-21.3	-0.8	-4.2	-60.6	-2.9	-14.5
12004	ok	0.0	0.4	2.87e-03	11.8	11.8	11.8	11.8	-6.2	30.8	1.8	-43.2	27.0	-3.6
12005	ok	0.0	0.6	1.20e-02	11.8	11.8	11.8	11.8	-12.4	-1.4	-2.7	67.1	2.7	13.2
12006	ok	0.0	0.5	4.93e-03	11.8	11.8	11.8	11.8	3.3	0.1	1.4	-53.3	-6.1	-6.5
12007	ok	0.0	0.8	8.37e-03	11.8	11.8	11.8	11.8	-53.5	-1.8	-1.8	42.4	-54.3	-30.8
12008	ok	0.0	0.6	1.23e-02	11.8	11.8	11.8	11.8	-15.7	-0.5	-1.2	73.6	1.6	13.5
12009	ok	0.0	0.8	8.51e-03	11.8	11.8	11.8	11.8	-0.4	-2.32e-02	0.9	91.8	2.3	17.7
12010	ok	0.0	0.5	1.13e-02	11.8	11.8	11.8	11.8	-11.7	-0.8	-1.3	57.3	1.7	10.8
12011	ok	0.0	0.6	1.02e-02	11.8	11.8	11.8	11.8	0.4	0.5	10.5	59.7	-18.6	-7.5
12012	ok	0.0	0.3	3.01e-03	11.8	11.8	11.8	11.8	-4.8	30.8	-1.7	-41.6	23.7	-3.2
12013	ok	0.0	0.3	3.19e-03	11.8	11.8	11.8	11.8	-3.3	29.8	-4.9	-35.7	23.9	-2.4
12014	ok	0.0	0.3	3.37e-03	11.8	11.8	11.8	11.8	-1.7	28.1	-7.9	-25.5	27.8	-1.3
12015	ok	0.0	0.2	1.95e-03	11.8	11.8	11.8	11.8	3.0	-4.12e-02	1.8	11.1	4.4	13.2
12016	ok	0.0	0.2	7.89e-03	11.8	11.8	11.8	11.8	57.8	1.3	11.1	9.3	3.2	6.4
12017	ok	0.0	6.09e-02	1.08e-02	11.8	11.8	11.8	11.8	-52.0	-1.9	-10.3	-6.2	1.7	3.4
12018	ok	0.0	0.5	9.98e-03	11.8	11.8	11.8	11.8	-46.8	-1.8	-9.1	-61.6	-0.7	-9.4
12019	ok	0.0	0.4	9.27e-03	11.8	11.8	11.8	11.8	-5.6	3.9	4.4	31.8	9.5	0.9
12020	ok	0.0	0.6	8.00e-03	11.8	11.8	11.8	11.8	-35.1	-1.3	-6.8	-76.2	-3.2	-17.3
12021	ok	0.0	0.5	9.57e-03	11.8	11.8	11.8	11.8	-44.4	-1.7	-8.7	-71.0	-1.5	-12.4
12022	ok	0.0	0.4	7.05e-03	11.8	11.8	11.8	11.8	6.5	0.4	2.7	-41.6	-6.9	-7.0
12023	ok	0.0	0.4	7.29e-03	11.8	11.8	11.8	11.8	8.9	0.5	2.5	-41.5	-5.0	-8.4
12024	ok	0.0	0.6	9.08e-03	11.8	11.8	11.8	11.8	-41.4	-1.6	-8.0	-76.7	-2.1	-14.8
12025	ok	0.0	0.3	7.74e-03	11.8	11.8	11.8	11.8	10.4	0.4	2.0	-36.3	-0.9	-6.9
12026	ok	0.0	0.2	7.88e-03	11.8	11.8	11.8	11.8	9.0	0.4	1.8	-23.1	-0.4	-3.9
12027	ok	0.0	0.4	7.39e-03	11.8	11.8	11.8	11.8	6.3	0.4	2.9	-40.8	-5.5	-6.4
12028	ok	0.0	0.3	7.48e-03	11.8	11.8	11.8	11.8	5.8	0.7	3.3	-33.6	-3.6	-5.6
12029	ok	0.0	0.2	7.44e-03	11.8	11.8	11.8	11.8	-55.1	-0.4	-8.0	-17.0	-1.3	-7.7
12030	ok	0.0	0.4	7.51e-03	11.8	11.8	11.8	11.8	8.6	0.6	2.6	-41.6	-3.7	-7.5
12031	ok	0.0	0.3	7.57e-03	11.8	11.8	11.8	11.8	8.5	0.6	2.4	-36.0	-1.7	-5.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12032	ok	0.0	0.1	1.07e-02	11.8	11.8	11.8	11.8	-50.8	-2.0	-9.9	-23.2	1.2	0.3
12033	ok	0.0	0.2	7.18e-03	11.8	11.8	11.8	11.8	65.2	2.2	12.9	-10.3	-3.9	-4.6
12034	ok	0.0	0.2	6.35e-03	11.8	11.8	11.8	11.8	6.2	-0.6	1.7	-13.0	-5.7	-3.9
12035	ok	0.0	0.2	7.13e-03	11.8	11.8	11.8	11.8	8.6	-0.2	2.2	-11.2	-4.0	-5.6
12036	ok	0.0	0.4	2.69e-03	11.8	11.8	11.8	11.8	-8.2	28.9	7.3	-36.3	39.5	-3.5
12037	ok	0.0	0.5	1.02e-02	11.8	11.8	11.8	11.8	-19.1	-0.7	-3.7	-61.0	-2.4	-13.9
12038	ok	0.0	0.2	7.20e-03	11.8	11.8	11.8	11.8	13.5	0.5	2.6	-5.3	-0.7	-2.6
12039	ok	0.0	0.2	6.61e-03	11.8	11.8	11.8	11.8	6.5	0.2	2.2	-27.5	-7.0	-5.8
12040	ok	0.0	0.3	6.81e-03	11.8	11.8	11.8	11.8	6.6	0.3	2.4	-37.1	-7.4	-6.7
12041	ok	0.0	0.2	6.95e-03	11.8	11.8	11.8	11.8	8.8	0.3	2.3	-25.6	-5.2	-7.3
12042	ok	0.0	0.3	7.11e-03	11.8	11.8	11.8	11.8	8.9	0.5	2.5	-36.0	-5.6	-8.3
12043	ok	0.0	0.1	7.27e-03	11.8	11.8	11.8	11.8	-50.6	-2.4	-10.3	14.1	5.7	2.1
12044	ok	0.0	0.8	4.06e-03	11.8	11.8	11.8	11.8	-10.9	13.4	14.4	-4.1	85.0	-5.2
12045	ok	0.0	8.48e-02	5.73e-03	11.8	11.8	11.8	11.8	-38.9	-2.6	-8.5	8.6	5.0	-1.9
12046	ok	0.0	0.1	7.14e-03	11.8	11.8	11.8	11.8	-28.9	-2.6	-5.6	12.3	3.3	-1.0
12047	ok	0.0	1.0	6.58e-03	11.8	25.4	11.8	21.1	-0.2	-9.2	16.5	211.7	167.0	-40.6
12048	ok	0.0	0.6	5.50e-03	11.8	11.8	11.8	11.8	-0.8	-6.2	3.6	75.2	-5.5	8.9
12049	ok	0.0	0.9	5.29e-03	11.8	11.8	11.8	11.8	-36.3	-18.4	-6.9	92.9	59.7	-1.0
12050	ok	0.0	0.6	7.57e-03	11.8	11.8	11.8	11.8	-47.1	-8.3	0.8	66.9	59.2	14.5
12051	ok	0.0	0.3	7.29e-03	11.8	11.8	11.8	11.8	-51.1	-6.8	-10.8	29.0	17.0	6.5
12052	ok	0.0	0.5	3.06e-03	11.8	11.8	11.8	11.8	-9.1	26.5	11.2	-23.7	53.9	-3.3
12053	ok	0.0	0.5	5.60e-03	11.8	11.8	11.8	11.8	-30.5	-10.1	-5.2	47.7	16.4	-2.33e-02
12054	ok	0.0	0.2	5.54e-03	11.8	11.8	11.8	11.8	-37.2	-6.6	-8.0	25.5	10.2	-2.1
12055	ok	0.0	0.5	6.51e-03	11.8	11.8	11.8	11.8	5.0	-1.2	2.5	65.2	33.3	-5.3
12056	ok	0.0	0.3	6.87e-03	11.8	11.8	11.8	11.8	-43.0	-8.0	-10.5	29.9	16.9	2.7
12057	ok	0.0	0.7	5.46e-03	11.8	11.8	11.8	11.8	0.6	-10.8	8.8	67.0	43.9	7.0
12058	ok	0.0	0.6	4.71e-03	11.8	11.8	11.8	11.8	2.9	-6.5	6.4	68.8	-3.5	15.4
12059	ok	0.0	0.8	4.88e-03	11.8	11.8	11.8	11.8	2.4	-5.8	0.8	67.5	14.8	25.2
12060	ok	0.0	1.0	6.96e-03	11.8	11.8	11.8	13.8	-4.2	39.0	28.5	45.9	136.5	0.4
12061	ok	0.0	0.4	4.11e-03	11.8	11.8	11.8	11.8	1.3	-0.1	1.6	-44.2	-8.7	-4.9
12062	ok	0.0	0.3	3.58e-03	11.8	11.8	11.8	11.8	-0.1	-1.2	2.0	-41.1	-11.4	-3.3
12063	ok	0.0	0.4	3.79e-03	11.8	11.8	11.8	11.8	0.5	-0.6	1.8	-42.3	-10.3	-3.9
12064	ok	0.0	0.3	4.68e-03	11.8	11.8	11.8	11.8	0.9	-0.2	2.0	-35.8	-5.2	-2.0
12065	ok	0.0	0.2	5.04e-03	11.8	11.8	11.8	11.8	0.6	-4.25e-02	2.5	-21.6	-1.4	0.3
12066	ok	0.0	0.1	5.30e-03	11.8	11.8	11.8	11.8	26.4	1.4	8.7	6.3	4.4	4.3
12067	ok	0.0	0.3	5.39e-03	11.8	11.8	11.8	11.8	3.8	5.19e-02	4.4	29.7	14.9	8.4
12068	ok	0.0	1.0	5.23e-03	11.8	28.7	11.8	39.8	3.4	29.2	-0.6	212.5	323.8	-48.6
12069	ok	0.0	0.2	3.79e-03	11.8	11.8	11.8	11.8	-0.3	-1.1	2.6	-28.6	-8.7	-1.9
12070	ok	0.0	9.65e-02	4.00e-03	11.8	11.8	11.8	11.8	2.2	-1.5	2.7	-11.5	-6.1	0.9
12071	ok	0.0	0.1	4.16e-03	11.8	11.8	11.8	11.8	31.3	-2.3	1.8	10.7	-5.4	5.0
12072	ok	0.0	0.3	4.61e-03	11.8	11.8	11.8	11.8	2.1	-4.3	4.6	37.4	-2.8	11.8
12073	ok	0.0	0.3	4.02e-03	11.8	11.8	11.8	11.8	0.2	-0.6	2.4	-31.1	-7.4	-2.0
12074	ok	0.0	0.1	4.24e-03	11.8	11.8	11.8	11.8	-0.2	-0.7	2.9	-15.0	-3.9	1.2
12075	ok	0.0	0.1	4.53e-03	11.8	11.8	11.8	11.8	3.3	2.0	9.0	7.1	5.3	3.4
12076	ok	0.0	0.9	6.77e-03	11.8	11.8	11.8	11.8	-11.4	-1.7	21.6	13.8	103.5	2.3
12077	ok	0.0	0.3	4.89e-03	11.8	11.8	11.8	11.8	1.4	-5.0	5.5	31.1	12.2	11.2
12078	ok	0.0	0.4	3.50e-03	11.8	11.8	11.8	11.8	1.4	-1.2	8.03e-02	-46.8	-14.9	-6.9
12079	ok	0.0	0.4	3.04e-03	11.8	11.8	11.8	11.8	0.4	-2.4	0.1	-49.5	-18.7	-2.5
12080	ok	0.0	0.4	3.28e-03	11.8	11.8	11.8	11.8	0.8	-1.8	4.33e-02	-48.0	-17.2	-4.7
12081	ok	0.0	0.4	3.65e-03	11.8	11.8	11.8	11.8	1.5	-0.7	0.7	-50.4	-13.2	-7.0
12082	ok	0.0	0.4	3.84e-03	11.8	11.8	11.8	11.8	1.5	-0.4	1.2	-49.5	-11.2	-6.3
12083	ok	0.0	0.4	3.21e-03	11.8	11.8	11.8	11.8	0.3	-1.9	0.8	-51.4	-16.6	-3.5
12084	ok	0.0	1.0	7.26e-03	11.8	11.8	11.8	16.5	-5.3	-0.8	26.9	68.2	160.7	1.0
12085	ok	0.0	0.4	3.39e-03	11.8	11.8	11.8	11.8	9.38e-02	-1.4	1.4	-48.7	-14.1	-3.8
12086	ok	0.0	0.4	3.44e-03	11.8	11.8	11.8	11.8	0.8	-1.3	0.7	-50.7	-15.2	-5.2
12087	ok	0.0	0.4	3.62e-03	11.8	11.8	11.8	11.8	0.7	-0.9	1.3	-48.9	-12.9	-5.0
12088	ok	0.0	0.4	3.43e-03	11.8	11.8	11.8	11.8	0.8	-8.9	-3.3	44.4	-27.9	13.9
12089	ok	0.0	0.3	3.03e-03	11.8	11.8	11.8	11.8	2.5	-9.4	-4.2	32.7	-30.6	20.5
12090	ok	0.0	0.3	3.17e-03	11.8	11.8	11.8	11.8	1.1	-9.0	-3.5	36.4	-32.5	16.9
12091	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	1.3	-7.7	-3.4	32.2	-25.2	6.1
12092	ok	0.0	0.4	8.11e-03	11.8	11.8	11.8	11.8	-8.3	-16.2	28.4	-23.1	53.5	2.5
12093	ok	0.0	0.2	3.58e-03	11.8	11.8	11.8	11.8	1.1	-5.9	-3.1	12.9	-21.2	0.2
12094	ok	0.0	0.2	3.47e-03	11.8	11.8	11.8	11.8	1.0	-4.1	-2.4	-7.5	-18.8	-2.7
12095	ok	0.0	0.2	3.33e-03	11.8	11.8	11.8	11.8	1.1	-2.8	-1.5	-24.3	-17.2	-4.7
12096	ok	0.0	0.4	3.38e-03	11.8	11.8	11.8	11.8	1.4	-1.6	-0.4	-42.0	-15.8	-6.4
12097	ok	0.0	0.3	2.97e-03	11.8	11.8	11.8	11.8	2.6	-8.3	-3.9	18.0	-28.3	16.4
12098	ok	0.0	0.2	2.89e-03	11.8	11.8	11.8	11.8	1.2	-6.7	-2.8	0.7	-26.1	11.0
12099	ok	0.0	0.2	2.77e-03	11.8	11.8	11.8	11.8	2.4	-5.7	-2.9	-16.2	-24.0	6.2
12100	ok	0.0	0.6	7.30e-03	11.8	11.8	11.8	11.8	-9.2	-8.8	26.8	-7.3	69.4	1.9
12101	ok	0.0	0.3	2.68e-03	11.8	11.8	11.8	11.8	2.3	-4.5	-2.2	-30.6	-22.2	2.4
12102	ok	0.0	0.4	2.89e-03	11.8	11.8	11.8	11.8	0.5	-2.9	-0.4	-45.8	-20.0	-1.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12103	ok	0.0	0.3	3.09e-03	11.8	11.8	11.8	11.8	1.2	-7.8	-3.3	23.8	-29.6	11.5
12104	ok	0.0	0.2	3.11e-03	11.8	11.8	11.8	11.8	1.1	-6.3	-3.0	6.5	-26.1	6.0
12105	ok	0.0	0.2	3.02e-03	11.8	11.8	11.8	11.8	2.4	-5.0	-3.0	-11.7	-23.0	1.9
12106	ok	0.0	0.2	2.98e-03	11.8	11.8	11.8	11.8	0.9	-3.6	-1.6	-27.1	-20.9	-1.3
12107	ok	0.0	0.4	3.15e-03	11.8	11.8	11.8	11.8	0.8	-2.3	-0.4	-43.7	-18.4	-4.0
12108	ok	0.0	0.3	9.49e-03	11.8	11.8	11.8	11.8	-6.3	-29.4	29.6	-36.6	38.4	3.6
12109	ok	0.0	0.4	3.45e-03	11.8	11.8	11.8	11.8	0.4	-9.2	-3.2	45.4	-28.7	18.7
12110	ok	0.0	0.4	2.80e-03	11.8	11.8	11.8	11.8	1.5	-9.9	-3.8	39.6	-32.0	21.3
12111	ok	0.0	0.4	3.26e-03	11.8	11.8	11.8	11.8	1.0	-9.5	-3.7	40.3	-33.6	19.4
12112	ok	0.0	0.3	3.69e-03	11.8	11.8	11.8	11.8	-1.0	-8.7	-4.6	30.5	-28.8	19.0
12113	ok	0.0	0.4	3.34e-03	11.8	11.8	11.8	11.8	1.3	-11.2	-5.5	41.7	-32.5	14.5
12114	ok	0.0	0.3	3.36e-03	11.8	11.8	11.8	11.8	0.3	-9.9	-5.2	34.5	-33.7	16.6
12115	ok	0.0	0.4	3.49e-03	11.8	11.8	11.8	11.8	-0.3	-9.1	-3.6	41.0	-28.8	20.8
12116	ok	0.0	0.3	1.06e-02	11.8	11.8	11.8	11.8	-4.3	-42.4	28.3	-39.1	34.5	4.1
12117	ok	0.0	0.4	3.03e-03	11.8	11.8	11.8	11.8	1.5	-10.7	-4.5	43.5	-32.9	19.5
12118	ok	0.0	0.4	3.20e-03	11.8	11.8	11.8	11.8	0.6	-9.8	-4.2	40.2	-34.1	19.6
12119	ok	0.0	0.2	4.15e-03	11.8	11.8	11.8	11.8	-3.2	-8.1	-10.6	-23.9	-30.7	-3.0
12120	ok	0.0	0.2	4.03e-03	11.8	11.8	11.8	11.8	0.4	-10.9	-11.3	-16.9	-27.3	-6.4
12121	ok	0.0	0.6	5.48e-02	11.8	11.8	11.8	11.8	26.7	103.3	-68.9	-8.3	-50.9	-23.7
12122	ok	0.0	0.6	6.88e-02	11.8	11.8	11.8	11.8	18.0	124.2	-43.7	-4.7	-52.4	-22.6
12123	ok	0.0	0.3	6.81e-03	11.8	11.8	11.8	11.8	43.6	-13.4	-15.0	-16.5	-1.7	-19.9
12124	ok	0.0	0.5	3.81e-03	11.8	11.8	11.8	11.8	61.8	28.4	-16.0	38.8	49.4	3.6
12125	ok	0.0	0.3	4.30e-03	11.8	11.8	11.8	11.8	57.3	12.7	-16.8	11.6	22.7	-6.8
12126	ok	0.0	0.9	3.11e-03	11.8	13.0	11.8	11.8	51.4	36.2	-11.6	79.5	54.6	47.8
12127	ok	0.0	1.0	3.69e-03	11.8	22.0	12.1	17.4	87.1	37.8	-12.5	181.4	33.9	-28.3
12128	ok	0.0	1.0	0.1	11.8	11.8	21.1	11.8	21.2	-810.9	-56.2	0.6	137.0	-14.5
12129	ok	0.0	1.0	0.1	11.8	11.8	16.8	11.8	37.5	403.8	-45.3	-6.5	-109.0	-5.6
12130	ok	0.0	0.9	8.56e-02	11.8	11.8	11.8	11.8	12.8	210.4	-22.9	-3.0	-74.6	-7.3
12131	ok	0.0	0.5	5.08e-04	11.8	11.8	11.8	11.8	76.4	51.4	-17.0	24.6	40.5	-12.4
12132	ok	0.0	1.0	1.31e-03	11.8	12.9	11.8	11.8	71.7	53.7	-19.7	98.7	81.3	-24.4
12133	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	81.5	65.6	-14.0	-35.2	-17.2	-2.8
12134	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	82.4	63.1	-15.1	-28.0	-8.3	-3.7
12135	ok	0.0	0.2	0.0	11.8	11.8	11.8	11.8	81.1	59.4	-16.2	-16.2	5.2	-5.3
12136	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	80.0	55.6	-17.1	-0.1	18.3	-7.8
12137	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	78.0	67.3	-11.8	-41.0	-28.0	-1.9
12138	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	70.3	64.9	-7.8	-42.6	-37.7	0.2
12139	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	74.6	66.8	-10.0	-42.4	-33.5	-1.0
12140	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	64.8	61.0	-4.9	-42.0	-41.0	1.9
12141	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	56.8	52.9	-0.7	-41.2	-43.0	4.5
12142	ok	0.0	0.4	9.12e-04	11.8	11.8	11.8	11.8	43.9	34.2	6.6	-40.1	-41.7	8.1
12143	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	50.6	44.7	2.8	-40.6	-43.0	6.4
12144	ok	0.0	0.4	5.20e-03	11.8	11.8	11.8	11.8	32.2	10.4	13.5	-38.0	-37.1	10.4
12145	ok	0.0	0.4	2.90e-03	11.8	11.8	11.8	11.8	38.1	23.3	10.0	-39.2	-39.8	9.4
12146	ok	0.0	0.4	9.41e-03	11.8	11.8	11.8	11.8	21.4	-14.6	20.1	-33.9	-30.8	12.0
12147	ok	0.0	0.3	1.40e-02	11.8	11.8	11.8	11.8	14.2	-44.7	23.9	-27.3	-23.7	13.1
12148	ok	0.0	0.3	1.65e-02	11.8	11.8	11.8	11.8	11.2	-60.6	24.9	-22.6	-19.8	13.9
12149	ok	0.0	0.3	2.61e-02	11.8	11.8	11.8	11.8	2.4	9.1	-5.7	-6.9	-21.9	17.1
12150	ok	0.0	0.3	3.25e-02	11.8	11.8	11.8	11.8	5.7	-15.5	-0.4	13.0	-34.2	14.4
12151	ok	0.0	0.5	3.56e-02	11.8	11.8	11.8	11.8	21.2	-258.0	25.9	21.2	49.1	-12.1
12152	ok	0.0	0.6	4.02e-02	11.8	11.8	11.8	11.8	19.8	-290.1	34.8	28.9	71.5	0.6
12153	ok	0.0	0.2	6.65e-03	11.8	11.8	11.8	11.8	12.7	-36.9	8.3	-4.5	-26.6	10.6
12154	ok	0.0	0.3	6.48e-03	11.8	11.8	11.8	11.8	14.5	-34.9	4.3	-9.2	-33.7	11.5
12155	ok	0.0	0.3	6.32e-03	11.8	11.8	11.8	11.8	16.1	-32.4	0.2	-13.3	-36.0	12.7
12156	ok	0.0	0.3	6.11e-03	11.8	11.8	11.8	11.8	16.6	-29.8	-3.2	-17.2	-34.8	14.1
12157	ok	0.0	0.3	5.89e-03	11.8	11.8	11.8	11.8	16.4	-27.2	-6.0	-20.9	-30.5	15.2
12158	ok	0.0	0.3	5.63e-03	11.8	11.8	11.8	11.8	15.9	-24.8	-8.5	-26.1	-21.2	16.5
12159	ok	0.0	0.3	5.36e-03	11.8	11.8	11.8	11.8	14.7	-22.6	-10.4	-30.0	-14.2	14.7
12160	ok	0.0	0.3	5.07e-03	11.8	11.8	11.8	11.8	12.7	-20.5	-10.9	-33.1	-8.6	10.8
12161	ok	0.0	0.2	7.55e-03	11.8	11.8	11.8	11.8	17.4	-43.8	7.1	-2.4	-28.3	9.2
12162	ok	0.0	0.3	6.82e-03	11.8	11.8	11.8	11.8	17.6	-37.1	2.2	-9.2	-32.7	9.0
12163	ok	0.0	0.3	6.62e-03	11.8	11.8	11.8	11.8	18.6	-33.7	-1.8	-15.0	-35.2	10.1
12164	ok	0.0	0.3	6.40e-03	11.8	11.8	11.8	11.8	18.7	-30.6	-5.1	-20.1	-34.4	11.4
12165	ok	0.0	0.3	6.13e-03	11.8	11.8	11.8	11.8	18.1	-27.7	-7.8	-24.7	-30.9	12.3
12166	ok	0.0	0.3	5.84e-03	11.8	11.8	11.8	11.8	17.2	-25.0	-10.1	-31.0	-22.9	13.4
12167	ok	0.0	0.4	5.55e-03	11.8	11.8	11.8	11.8	15.7	-22.7	-11.8	-35.2	-17.3	12.0
12168	ok	0.0	0.4	5.24e-03	11.8	11.8	11.8	11.8	13.5	-20.5	-12.3	-38.5	-13.0	9.0
12169	ok	0.0	0.2	7.95e-03	11.8	11.8	11.8	11.8	22.0	-43.6	3.2	0.9	-26.0	4.6
12170	ok	0.0	0.2	7.41e-03	11.8	11.8	11.8	11.8	20.7	-38.8	-0.7	-9.3	-31.9	5.3
12171	ok	0.0	0.3	7.00e-03	11.8	11.8	11.8	11.8	21.0	-34.5	-4.3	-16.4	-34.3	6.7
12172	ok	0.0	0.3	6.68e-03	11.8	11.8	11.8	11.8	20.7	-30.9	-7.3	-22.5	-33.8	8.1
12173	ok	0.0	0.3	6.37e-03	11.8	11.8	11.8	11.8	19.7	-27.7	-9.8	-27.8	-31.0	9.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12174	ok	0.0	0.4	6.05e-03	11.8	11.8	11.8	11.8	18.5	-24.9	-12.0	-34.9	-24.1	10.1
12175	ok	0.0	0.4	5.73e-03	11.8	11.8	11.8	11.8	16.2	-22.4	-12.7	-39.2	-19.7	9.2
12176	ok	0.0	0.4	5.41e-03	11.8	11.8	11.8	11.8	14.2	-20.1	-13.8	-42.5	-16.3	7.1
12177	ok	0.0	0.2	8.46e-03	11.8	11.8	11.8	11.8	26.7	-43.1	-1.4	1.6	-23.9	-3.3
12178	ok	0.0	0.3	9.04e-03	11.8	11.8	11.8	11.8	33.1	-36.9	-10.8	-10.5	-19.0	-18.5
12179	ok	0.0	0.2	8.80e-03	11.8	11.8	11.8	11.8	30.7	-40.5	-6.3	-2.4	-21.2	-11.9
12180	ok	0.0	0.3	7.41e-03	11.8	11.8	11.8	11.8	38.3	-19.6	-15.8	-16.7	-9.5	-19.7
12181	ok	0.0	0.3	7.92e-03	11.8	11.8	11.8	11.8	34.7	-26.6	-13.2	-14.5	-13.1	-19.6
12182	ok	0.0	0.2	5.50e-03	11.8	11.8	11.8	11.8	57.2	14.2	-19.4	-4.2	8.1	-9.6
12183	ok	0.0	0.2	6.19e-03	11.8	11.8	11.8	11.8	45.2	-4.8	-18.8	-10.9	-1.9	-15.0
12184	ok	0.0	0.3	6.85e-03	11.8	11.8	11.8	11.8	41.7	-12.4	-17.6	-15.5	-6.0	-18.1
12185	ok	0.0	0.4	3.61e-03	11.8	11.8	11.8	11.8	56.6	24.0	-19.7	44.1	27.6	8.4
12186	ok	0.0	0.2	4.59e-03	11.8	11.8	11.8	11.8	75.3	21.2	1.2	17.9	17.1	0.4
12187	ok	0.0	0.7	2.77e-03	11.8	11.8	11.8	11.8	56.4	30.9	-19.5	76.6	28.2	10.1
12188	ok	0.0	0.8	3.25e-03	11.8	11.8	11.8	11.8	59.2	35.0	-21.3	92.5	26.8	-3.5
12189	ok	0.0	0.5	1.04e-03	11.8	11.8	11.8	11.8	66.7	55.4	-20.3	25.0	25.2	-18.9
12190	ok	0.0	0.7	1.82e-03	11.8	11.8	11.8	11.8	65.3	42.3	-23.0	71.1	28.9	-22.2
12191	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	69.1	64.5	-13.0	-34.4	-16.7	-6.6
12192	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	70.3	62.2	-14.7	-27.1	-8.9	-7.9
12193	ok	0.0	0.2	0.0	11.8	11.8	11.8	11.8	69.3	58.7	-16.5	-14.8	3.1	-10.0
12194	ok	0.0	0.3	4.32e-04	11.8	11.8	11.8	11.8	68.5	54.6	-18.1	1.8	12.5	-12.8
12195	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	65.5	65.9	-9.7	-40.0	-26.8	-5.1
12196	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	58.2	63.1	-4.6	-40.9	-36.2	-2.1
12197	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	62.2	65.2	-7.3	-41.0	-32.0	-3.8
12198	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	53.1	58.8	-1.3	-40.0	-39.6	0.4
12199	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	46.0	50.4	3.4	-39.0	-41.7	4.1
12200	ok	0.0	0.4	2.00e-03	11.8	11.8	11.8	11.8	34.9	31.3	11.1	-38.2	-40.7	9.1
12201	ok	0.0	0.4	9.07e-05	11.8	11.8	11.8	11.8	40.6	41.9	7.2	-38.5	-41.8	6.7
12202	ok	0.0	0.4	6.03e-03	11.8	11.8	11.8	11.8	25.0	7.5	18.0	-36.8	-36.5	12.2
12203	ok	0.0	0.4	3.90e-03	11.8	11.8	11.8	11.8	29.9	20.3	14.6	-37.7	-38.9	10.8
12204	ok	0.0	0.4	9.95e-03	11.8	11.8	11.8	11.8	15.9	-17.1	24.2	-33.2	-31.2	14.2
12205	ok	0.0	0.3	1.42e-02	11.8	11.8	11.8	11.8	9.9	-46.1	27.3	-26.9	-25.9	15.5
12206	ok	0.0	0.2	7.91e-03	11.8	11.8	11.8	11.8	23.7	-38.6	-5.0	-9.8	-30.1	-0.8
12207	ok	0.0	0.2	7.42e-03	11.8	11.8	11.8	11.8	24.0	-34.3	-8.1	-18.0	-32.7	1.4
12208	ok	0.0	0.3	7.01e-03	11.8	11.8	11.8	11.8	23.1	-30.3	-10.7	-24.7	-32.6	3.2
12209	ok	0.0	0.3	6.65e-03	11.8	11.8	11.8	11.8	21.7	-26.9	-12.8	-30.4	-30.5	4.5
12210	ok	0.0	0.4	6.29e-03	11.8	11.8	11.8	11.8	19.5	-24.0	-13.8	-38.0	-24.6	5.6
12211	ok	0.0	0.4	5.94e-03	11.8	11.8	11.8	11.8	17.3	-21.4	-15.0	-42.4	-21.4	5.6
12212	ok	0.0	0.4	5.60e-03	11.8	11.8	11.8	11.8	15.0	-19.1	-15.9	-45.5	-19.0	4.9
12213	ok	0.0	0.3	8.39e-03	11.8	11.8	11.8	11.8	29.9	-30.9	-13.9	-15.7	-23.6	-13.0
12214	ok	0.0	0.3	7.82e-03	11.8	11.8	11.8	11.8	28.8	-27.5	-16.1	-21.1	-26.9	-9.6
12215	ok	0.0	0.3	7.37e-03	11.8	11.8	11.8	11.8	27.0	-24.4	-17.8	-26.2	-27.7	-6.9
12216	ok	0.0	0.3	6.84e-03	11.8	11.8	11.8	11.8	24.8	-21.5	-19.1	-32.8	-23.9	-5.3
12217	ok	0.0	0.3	6.47e-03	11.8	11.8	11.8	11.8	22.1	-18.9	-20.0	-37.4	-21.6	-3.3
12218	ok	0.0	0.4	6.10e-03	11.8	11.8	11.8	11.8	18.8	-16.8	-19.7	-41.1	-19.1	-1.3
12219	ok	0.0	0.4	5.79e-03	11.8	11.8	11.8	11.8	15.9	-14.9	-20.0	-43.8	-17.6	0.7
12220	ok	0.0	0.2	8.24e-03	11.8	11.8	11.8	11.8	27.1	-36.3	-9.5	-12.4	-27.4	-7.5
12221	ok	0.0	0.2	7.70e-03	11.8	11.8	11.8	11.8	26.6	-31.9	-12.3	-19.8	-30.2	-4.7
12222	ok	0.0	0.3	7.26e-03	11.8	11.8	11.8	11.8	25.3	-28.1	-14.4	-26.1	-30.6	-2.2
12223	ok	0.0	0.3	6.86e-03	11.8	11.8	11.8	11.8	23.4	-24.8	-16.0	-31.5	-29.1	-0.3
12224	ok	0.0	0.3	6.48e-03	11.8	11.8	11.8	11.8	20.8	-22.1	-16.6	-39.0	-23.8	0.9
12225	ok	0.0	0.4	6.11e-03	11.8	11.8	11.8	11.8	18.2	-19.6	-17.5	-43.1	-21.3	2.0
12226	ok	0.0	0.4	5.75e-03	11.8	11.8	11.8	11.8	15.6	-17.4	-18.0	-46.0	-19.5	2.6
12227	ok	0.0	0.3	7.27e-03	11.8	11.8	11.8	11.8	35.7	-17.5	-18.9	-17.2	-15.6	-16.9
12228	ok	0.0	0.3	7.14e-03	11.8	11.8	11.8	11.8	32.8	-15.6	-21.3	-18.1	-19.5	-14.4
12229	ok	0.0	0.3	6.95e-03	11.8	11.8	11.8	11.8	29.6	-13.7	-22.8	-19.4	-20.9	-12.6
12230	ok	0.0	0.3	6.71e-03	11.8	11.8	11.8	11.8	26.2	-12.0	-23.7	-21.2	-19.6	-11.0
12231	ok	0.0	0.3	6.43e-03	11.8	11.8	11.8	11.8	22.6	-10.3	-24.0	-23.4	-16.3	-9.1
12232	ok	0.0	0.3	6.18e-03	11.8	11.8	11.8	11.8	19.1	-8.9	-23.8	-25.7	-12.1	-6.2
12233	ok	0.0	0.3	5.80e-03	11.8	11.8	11.8	11.8	15.4	-8.0	-22.8	-29.8	-6.0	-2.8
12234	ok	0.0	0.3	7.74e-03	11.8	11.8	11.8	11.8	32.4	-24.1	-16.8	-17.7	-19.7	-16.2
12235	ok	0.0	0.3	7.52e-03	11.8	11.8	11.8	11.8	30.8	-21.8	-19.1	-20.9	-23.2	-13.0
12236	ok	0.0	0.3	7.18e-03	11.8	11.8	11.8	11.8	28.4	-19.4	-20.6	-24.2	-24.3	-10.5
12237	ok	0.0	0.3	6.85e-03	11.8	11.8	11.8	11.8	25.5	-17.1	-21.6	-27.5	-23.3	-8.3
12238	ok	0.0	0.3	6.51e-03	11.8	11.8	11.8	11.8	22.6	-15.0	-22.2	-32.8	-17.9	-7.2
12239	ok	0.0	0.3	6.15e-03	11.8	11.8	11.8	11.8	19.4	-13.2	-22.4	-36.2	-14.9	-4.5
12240	ok	0.0	0.3	5.83e-03	11.8	11.8	11.8	11.8	15.8	-11.8	-21.6	-38.6	-13.2	-1.1
12241	ok	0.0	0.2	5.65e-03	11.8	11.8	11.8	11.8	-5.3	-10.5	-32.4	-2.1	-7.7	-8.1
12242	ok	0.0	0.2	5.73e-03	11.8	11.8	11.8	11.8	38.0	4.1	-24.6	8.3	-10.5	-9.8
12243	ok	0.0	0.2	5.75e-03	11.8	11.8	11.8	11.8	32.7	4.4	-25.6	13.1	-12.7	-11.6
12244	ok	0.0	0.3	5.74e-03	11.8	11.8	11.8	11.8	27.7	4.3	-26.0	17.3	-9.6	-14.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12245	ok	0.0	0.3	5.78e-03	11.8	11.8	11.8	11.8	22.1	3.8	-24.6	22.9	6.0	-18.7
12246	ok	0.0	0.4	6.10e-03	11.8	11.8	11.8	11.8	16.7	2.4	-24.5	25.0	24.2	-19.5
12247	ok	0.0	0.4	5.78e-03	11.8	11.8	11.8	11.8	12.6	4.3	-24.8	24.6	45.8	-11.4
12248	ok	0.0	0.2	6.27e-03	11.8	11.8	11.8	11.8	40.7	-3.7	-21.9	-7.4	-8.8	-12.7
12249	ok	0.0	0.2	6.81e-03	11.8	11.8	11.8	11.8	38.3	-10.8	-20.7	-13.8	-12.2	-15.6
12250	ok	0.0	0.2	6.26e-03	11.8	11.8	11.8	11.8	36.2	-2.8	-23.9	-4.2	-14.1	-11.9
12251	ok	0.0	0.2	6.72e-03	11.8	11.8	11.8	11.8	34.5	-9.4	-22.9	-12.6	-16.6	-14.0
12252	ok	0.0	0.2	6.21e-03	11.8	11.8	11.8	11.8	31.7	-2.0	-25.2	-1.7	-16.1	-12.3
12253	ok	0.0	0.2	6.60e-03	11.8	11.8	11.8	11.8	30.7	-8.0	-24.3	-12.0	-18.1	-13.2
12254	ok	0.0	0.2	6.14e-03	11.8	11.8	11.8	11.8	27.2	-1.5	-25.9	-0.1	-14.0	-13.1
12255	ok	0.0	0.2	6.47e-03	11.8	11.8	11.8	11.8	26.7	-6.8	-25.1	-12.3	-16.5	-12.6
12256	ok	0.0	0.2	6.07e-03	11.8	11.8	11.8	11.8	21.6	-0.9	-24.8	2.3	2.4	-17.3
12257	ok	0.0	0.2	6.29e-03	11.8	11.8	11.8	11.8	22.6	-5.7	-25.3	-13.4	-12.0	-11.4
12258	ok	0.0	0.2	6.04e-03	11.8	11.8	11.8	11.8	17.2	-5.61e-03	-24.0	1.2	13.3	-15.1
12259	ok	0.0	0.2	6.11e-03	11.8	11.8	11.8	11.8	18.0	-4.4	-23.5	-15.9	4.2	-11.7
12260	ok	0.0	0.2	5.64e-03	11.8	11.8	11.8	11.8	13.9	-0.2	-23.0	-1.0	22.0	-8.1
12261	ok	0.0	0.2	5.72e-03	11.8	11.8	11.8	11.8	14.6	-3.9	-22.8	-18.5	8.7	-5.6
12262	ok	0.0	0.4	3.99e-03	11.8	11.8	11.8	11.8	47.5	21.7	-22.6	44.7	3.8	5.7
12263	ok	0.0	0.4	4.23e-03	11.8	11.8	11.8	11.8	40.9	24.1	-24.5	42.3	-15.1	3.1
12264	ok	0.0	0.4	4.38e-03	11.8	11.8	11.8	11.8	33.7	24.1	-25.3	43.6	-20.6	0.9
12265	ok	0.0	0.5	4.42e-03	11.8	11.8	11.8	11.8	27.2	24.1	-25.3	53.0	-14.5	-0.3
12266	ok	0.0	0.6	4.50e-03	11.8	11.8	11.8	11.8	20.4	21.0	-23.4	69.8	6.4	-1.2
12267	ok	0.0	0.9	4.49e-03	11.8	11.8	11.8	11.8	26.3	21.6	-21.5	103.7	26.9	-4.4
12268	ok	0.0	1.0	6.77e-03	11.8	15.9	11.8	12.4	-7.1	-0.3	-5.9	123.9	111.0	-16.9
12269	ok	0.0	0.3	4.81e-03	11.8	11.8	11.8	11.8	65.6	21.4	-0.2	21.1	6.5	1.0
12270	ok	0.0	0.3	4.97e-03	11.8	11.8	11.8	11.8	39.6	13.4	-24.7	26.6	-9.7	-2.7
12271	ok	0.0	0.3	5.05e-03	11.8	11.8	11.8	11.8	33.4	13.3	-25.4	32.4	-13.4	-5.5
12272	ok	0.0	0.4	5.05e-03	11.8	11.8	11.8	11.8	27.5	13.0	-25.5	39.9	-10.5	-8.9
12273	ok	0.0	0.5	5.08e-03	11.8	11.8	11.8	11.8	21.2	12.2	-23.5	52.6	6.8	-14.3
12274	ok	0.0	0.7	5.77e-03	11.8	11.8	11.8	11.8	14.0	10.2	-26.0	77.4	29.7	-20.7
12275	ok	0.0	1.0	5.44e-03	11.8	13.0	11.8	13.3	16.4	14.3	-23.8	94.0	96.4	-35.0
12276	ok	0.0	0.6	3.34e-03	11.8	11.8	11.8	11.8	49.9	30.6	-22.6	60.6	1.8	4.4
12277	ok	0.0	0.5	3.67e-03	11.8	11.8	11.8	11.8	42.0	31.3	-24.4	50.0	-15.8	2.2
12278	ok	0.0	0.4	3.84e-03	11.8	11.8	11.8	11.8	34.1	31.1	-25.1	46.6	-20.4	2.3
12279	ok	0.0	0.5	3.99e-03	11.8	11.8	11.8	11.8	27.2	30.6	-25.3	51.9	-13.3	5.0
12280	ok	0.0	0.6	4.17e-03	11.8	11.8	11.8	11.8	20.0	29.0	-23.7	63.3	7.4	10.8
12281	ok	0.0	0.7	4.53e-03	11.8	11.8	11.8	11.8	16.8	29.5	-27.0	83.0	33.1	17.5
12282	ok	0.0	1.0	3.98e-03	11.8	15.6	11.8	14.1	12.6	19.8	-27.8	120.4	104.7	36.9
12283	ok	0.0	0.6	2.93e-03	11.8	11.8	11.8	11.8	51.6	35.3	-22.9	65.3	-1.4	-3.0
12284	ok	0.0	0.5	3.32e-03	11.8	11.8	11.8	11.8	42.2	35.5	-24.2	51.4	-14.6	-1.8
12285	ok	0.0	0.4	3.54e-03	11.8	11.8	11.8	11.8	34.4	35.5	-24.8	44.1	-19.2	1.0
12286	ok	0.0	0.4	3.85e-03	11.8	11.8	11.8	11.8	27.1	33.8	-24.7	43.0	-15.1	4.9
12287	ok	0.0	0.5	4.14e-03	11.8	11.8	11.8	11.8	19.8	31.7	-23.2	50.6	10.3	14.5
12288	ok	0.0	0.6	4.11e-03	11.8	11.8	11.8	11.8	16.2	30.4	-22.7	58.6	35.8	21.8
12289	ok	0.0	0.8	4.01e-03	11.8	11.8	11.8	11.8	12.6	33.3	-23.6	58.9	76.8	22.8
12290	ok	0.0	0.4	1.65e-03	11.8	11.8	11.8	11.8	53.4	52.3	-21.6	24.6	5.6	-17.9
12291	ok	0.0	0.3	2.20e-03	11.8	11.8	11.8	11.8	42.9	50.4	-21.5	19.6	-8.8	-13.9
12292	ok	0.0	0.2	2.65e-03	11.8	11.8	11.8	11.8	33.2	47.0	-20.7	14.6	-11.8	-8.5
12293	ok	0.0	0.1	3.33e-03	11.8	11.8	11.8	11.8	24.4	41.2	-18.2	9.9	-7.5	-3.2
12294	ok	0.0	0.2	3.38e-03	11.8	11.8	11.8	11.8	16.6	35.3	-16.2	4.0	14.0	5.6
12295	ok	0.0	0.3	3.42e-03	11.8	11.8	11.8	11.8	11.3	31.8	-14.7	-1.6	25.6	7.7
12296	ok	0.0	0.3	3.49e-03	11.8	11.8	11.8	11.8	5.6	28.6	-12.6	-6.7	35.0	5.6
12297	ok	0.0	0.5	2.37e-03	11.8	11.8	11.8	11.8	52.7	43.4	-23.2	50.5	4.0	-14.4
12298	ok	0.0	0.4	2.81e-03	11.8	11.8	11.8	11.8	42.8	43.0	-23.7	40.3	-12.3	-9.0
12299	ok	0.0	0.3	3.09e-03	11.8	11.8	11.8	11.8	33.7	41.7	-23.8	32.8	-15.5	-3.7
12300	ok	0.0	0.3	3.38e-03	11.8	11.8	11.8	11.8	27.2	40.8	-23.5	27.4	-11.7	2.0
12301	ok	0.0	0.3	3.76e-03	11.8	11.8	11.8	11.8	18.7	36.3	-20.3	26.0	13.9	12.7
12302	ok	0.0	0.4	3.75e-03	11.8	11.8	11.8	11.8	13.5	32.6	-18.6	23.3	34.5	16.6
12303	ok	0.0	0.5	3.76e-03	11.8	11.8	11.8	11.8	8.4	28.8	-16.0	18.1	55.1	12.9
12304	ok	0.0	0.4	2.22e-04	11.8	11.8	11.8	11.8	52.6	62.0	-11.1	-32.8	-15.8	-11.3
12305	ok	0.0	0.4	9.63e-04	11.8	11.8	11.8	11.8	39.1	58.7	-9.1	-31.6	-13.9	-14.4
12306	ok	0.0	0.4	1.20e-03	11.8	11.8	11.8	11.8	27.9	54.9	-7.1	-31.2	-9.9	-15.9
12307	ok	0.0	0.3	1.70e-03	11.8	11.8	11.8	11.8	17.9	47.7	-4.3	-31.0	8.4	-15.0
12308	ok	0.0	0.3	2.10e-03	11.8	11.8	11.8	11.8	10.5	43.4	-2.6	-34.0	16.8	-14.0
12309	ok	0.0	0.3	2.43e-03	11.8	11.8	11.8	11.8	4.0	39.2	-1.1	-37.5	24.2	-11.6
12310	ok	0.0	0.3	2.68e-03	11.8	11.8	11.8	11.8	-1.1	34.6	0.3	-41.3	28.2	-7.8
12311	ok	0.0	0.3	6.38e-04	11.8	11.8	11.8	11.8	54.1	59.9	-13.8	-25.4	-10.4	-12.4
12312	ok	0.0	0.2	9.13e-04	11.8	11.8	11.8	11.8	54.9	56.9	-16.3	-14.0	-5.1	-13.7
12313	ok	0.0	0.2	1.19e-03	11.8	11.8	11.8	11.8	53.8	52.4	-18.9	2.9	3.4	-15.1
12314	ok	0.0	0.3	1.34e-03	11.8	11.8	11.8	11.8	40.8	56.9	-12.4	-24.7	-10.7	-14.5
12315	ok	0.0	0.2	1.62e-03	11.8	11.8	11.8	11.8	41.9	53.9	-15.6	-13.9	-8.2	-14.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12316	ok	0.0	0.2	1.79e-03	11.8	11.8	11.8	11.8	42.2	49.9	-18.6	1.5	-6.4	-14.3
12317	ok	0.0	0.3	1.89e-03	11.8	11.8	11.8	11.8	29.7	53.3	-10.9	-25.2	-8.6	-14.7
12318	ok	0.0	0.2	2.29e-03	11.8	11.8	11.8	11.8	31.1	50.6	-14.3	-15.4	-8.0	-13.0
12319	ok	0.0	0.2	2.60e-03	11.8	11.8	11.8	11.8	32.4	46.7	-17.4	-2.2	-8.6	-10.6
12320	ok	0.0	0.3	1.99e-03	11.8	11.8	11.8	11.8	19.5	46.4	-8.1	-26.8	8.0	-11.6
12321	ok	0.0	0.2	2.35e-03	11.8	11.8	11.8	11.8	20.9	44.3	-11.7	-18.4	7.4	-7.6
12322	ok	0.0	0.1	3.00e-03	11.8	11.8	11.8	11.8	23.3	43.6	-16.1	-6.1	-5.3	-6.9
12323	ok	0.0	0.3	2.34e-03	11.8	11.8	11.8	11.8	12.0	42.5	-6.5	-30.5	15.3	-9.8
12324	ok	0.0	0.2	2.62e-03	11.8	11.8	11.8	11.8	13.6	40.7	-10.1	-22.9	14.5	-5.2
12325	ok	0.0	0.2	3.04e-03	11.8	11.8	11.8	11.8	15.8	37.7	-13.4	-11.9	13.8	0.6
12326	ok	0.0	0.3	2.61e-03	11.8	11.8	11.8	11.8	5.5	38.5	-4.8	-34.7	21.9	-7.7
12327	ok	0.0	0.2	2.84e-03	11.8	11.8	11.8	11.8	7.8	36.7	-8.4	-28.5	21.1	-2.9
12328	ok	0.0	0.2	3.08e-03	11.8	11.8	11.8	11.8	9.5	34.5	-11.6	-17.3	22.5	2.1
12329	ok	0.0	0.3	2.83e-03	11.8	11.8	11.8	11.8	0.3	34.4	-3.2	-39.3	25.1	-5.2
12330	ok	0.0	0.3	3.02e-03	11.8	11.8	11.8	11.8	1.9	33.2	-6.6	-32.8	25.1	-2.3
12331	ok	0.0	0.3	3.22e-03	11.8	11.8	11.8	11.8	3.7	31.2	-9.7	-22.2	28.2	1.3
12332	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	49.0	63.1	-6.6	-37.8	-23.9	-9.6
12333	ok	0.0	0.4	1.93e-04	11.8	11.8	11.8	11.8	35.5	59.4	-3.6	-35.3	-19.7	-13.5
12334	ok	0.0	0.4	8.53e-04	11.8	11.8	11.8	11.8	24.6	55.3	-0.9	-33.1	-13.3	-16.4
12335	ok	0.0	0.4	1.36e-03	11.8	11.8	11.8	11.8	15.0	47.8	2.2	-28.8	7.9	-18.8
12336	ok	0.0	0.3	1.76e-03	11.8	11.8	11.8	11.8	8.2	43.0	4.1	-29.5	19.6	-19.4
12337	ok	0.0	0.3	2.14e-03	11.8	11.8	11.8	11.8	2.2	38.1	5.4	-31.3	31.6	-17.3
12338	ok	0.0	0.4	2.44e-03	11.8	11.8	11.8	11.8	-2.9	33.2	6.2	-34.8	39.2	-11.5
12339	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	42.3	59.6	-0.1	-37.0	-32.6	-5.5
12340	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	29.4	55.7	3.8	-31.9	-27.2	-9.1
12341	ok	0.0	0.3	5.98e-04	11.8	11.8	11.8	11.8	19.1	51.6	7.2	-25.6	-19.1	-12.8
12342	ok	0.0	0.3	1.13e-03	11.8	11.8	11.8	11.8	11.0	47.4	10.2	-18.7	-7.4	-16.4
12343	ok	0.0	0.3	1.87e-03	11.8	11.8	11.8	11.8	4.4	40.9	13.2	-5.3	22.0	-21.8
12344	ok	0.0	0.5	2.38e-03	11.8	11.8	11.8	11.8	2.1	39.3	16.1	-2.8	47.6	-24.6
12345	ok	0.0	0.7	3.11e-03	11.8	11.8	11.8	11.8	-2.9	40.6	17.3	1.1	80.3	-18.4
12346	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	45.9	62.1	-3.5	-38.1	-28.6	-7.9
12347	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	32.6	58.3	2.58e-02	-34.4	-23.5	-11.9
12348	ok	0.0	0.4	6.19e-04	11.8	11.8	11.8	11.8	22.0	54.1	3.2	-30.4	-16.0	-15.4
12349	ok	0.0	0.3	1.16e-03	11.8	11.8	11.8	11.8	13.6	49.6	6.0	-26.6	-5.5	-18.4
12350	ok	0.0	0.3	1.54e-03	11.8	11.8	11.8	11.8	7.0	41.9	9.1	-19.9	21.4	-21.7
12351	ok	0.0	0.4	1.95e-03	11.8	11.8	11.8	11.8	1.5	36.9	10.0	-19.8	38.4	-20.9
12352	ok	0.0	0.5	2.33e-03	11.8	11.8	11.8	11.8	-3.6	30.7	10.5	-22.6	50.8	-14.4
12353	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	37.9	55.1	3.7	-35.3	-36.0	-2.0
12354	ok	0.0	1.0	0.1	18.8	37.1	16.5	22.5	445.0	120.3	332.6	159.2	127.6	69.4
12355	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	25.7	51.0	7.8	-28.7	-30.5	-4.7
12356	ok	0.0	0.3	9.08e-04	11.8	11.8	11.8	11.8	15.9	46.9	11.3	-20.1	-22.2	-7.5
12357	ok	0.0	0.2	1.83e-03	11.8	11.8	11.8	11.8	8.2	43.0	14.0	-9.3	-10.1	-10.8
12358	ok	0.0	0.7	0.1	11.8	11.8	11.8	11.8	-587.5	24.9	-58.0	75.1	87.9	19.8
12359	ok	0.0	0.3	2.53e-03	11.8	11.8	11.8	11.8	1.9	37.6	16.3	13.9	20.6	-16.7
12360	ok	0.0	0.6	3.57e-03	11.8	11.8	11.8	11.8	-2.5	36.0	22.6	37.0	50.2	-23.6
12361	ok	0.0	0.9	4.57e-03	11.8	11.8	11.8	16.0	-0.8	21.1	25.2	63.0	125.4	-35.1
12362	ok	0.0	0.5	9.09e-02	11.8	11.8	11.8	11.8	-474.4	28.1	-18.5	28.7	60.6	5.4
12363	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	32.1	46.2	8.9	-33.9	-38.2	3.3
12364	ok	0.0	0.3	1.36e-03	11.8	11.8	11.8	11.8	21.1	41.8	13.1	-26.6	-32.8	2.5
12365	ok	0.0	0.2	2.38e-03	11.8	11.8	11.8	11.8	12.4	37.5	16.3	-16.8	-24.5	1.7
12366	ok	0.0	0.5	7.93e-02	11.8	11.8	11.8	11.8	-327.7	23.8	74.4	18.8	41.4	6.1
12367	ok	0.0	0.1	3.14e-03	11.8	11.8	11.8	11.8	-5.3	23.6	20.3	-6.8	-12.7	1.2
12368	ok	0.0	0.2	3.73e-03	11.8	11.8	11.8	11.8	6.87e-02	28.2	19.9	25.4	18.7	-1.0
12369	ok	0.0	0.5	4.25e-03	11.8	11.8	11.8	11.8	-8.8	26.2	16.8	58.7	45.0	-3.0
12370	ok	0.0	0.3	5.43e-02	11.8	11.8	11.8	11.8	-118.4	-8.9	107.7	-2.2	-28.7	-12.0
12371	ok	0.0	1.0	8.19e-03	11.8	12.2	11.8	16.8	6.4	21.5	-7.4	96.9	140.3	-27.1
12372	ok	0.0	0.4	3.35e-03	11.8	11.8	11.8	11.8	23.5	26.8	16.8	-34.1	-37.5	10.4
12373	ok	0.0	0.3	4.43e-03	11.8	11.8	11.8	11.8	14.6	22.3	21.0	-28.4	-32.0	11.8
12374	ok	0.0	0.4	6.57e-02	11.8	11.8	11.8	11.8	-192.0	-20.8	88.1	-1.4	-37.9	-13.8
12375	ok	0.0	0.3	5.29e-03	11.8	11.8	11.8	11.8	7.8	17.9	24.1	-21.3	-23.6	13.5
12376	ok	0.0	0.2	5.97e-03	11.8	11.8	11.8	11.8	2.6	13.6	26.1	-12.8	-11.1	15.8
12377	ok	0.0	0.3	6.56e-03	11.8	11.8	11.8	11.8	-1.5	7.6	26.7	4.9	19.7	19.2
12378	ok	0.0	0.3	3.70e-02	11.8	11.8	11.8	11.8	-9.8	0.9	120.0	-3.4	-13.0	-9.7
12379	ok	0.0	0.5	7.27e-03	11.8	11.8	11.8	11.8	-8.4	3.3	28.1	14.5	49.1	23.2
12380	ok	0.0	0.8	7.37e-03	11.8	11.8	11.8	11.8	-10.6	4.4	29.2	17.2	91.7	20.3
12381	ok	0.0	1.0	7.53e-03	11.8	12.2	11.8	16.0	-0.4	11.5	22.7	89.1	126.0	33.2
12382	ok	0.0	0.3	4.49e-02	11.8	11.8	11.8	11.8	-60.0	-2.3	116.1	-2.6	-19.6	-10.3
12383	ok	0.0	0.6	5.97e-03	11.8	11.8	11.8	11.8	-11.5	13.2	25.0	46.8	49.1	16.3
12384	ok	0.0	0.3	5.08e-03	11.8	11.8	11.8	11.8	-0.9	18.3	22.9	18.7	19.0	11.8
12385	ok	0.0	0.2	4.46e-03	11.8	11.8	11.8	11.8	4.0	24.2	22.2	-6.2	-12.2	9.7
12386	ok	0.0	0.4	2.14e-02	11.8	11.8	11.8	11.8	90.4	-0.4	110.9	-7.3	-11.7	-8.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12387	ok	0.0	0.3	3.70e-03	11.8	11.8	11.8	11.8	10.0	28.5	20.1	-17.9	-24.5	8.3
12388	ok	0.0	0.3	2.74e-03	11.8	11.8	11.8	11.8	17.8	33.0	17.0	-26.9	-32.9	7.6
12389	ok	0.0	0.4	1.54e-03	11.8	11.8	11.8	11.8	27.8	37.5	12.8	-33.7	-38.4	7.1
12390	ok	0.0	0.4	2.56e-02	11.8	11.8	11.8	11.8	66.8	1.1	114.8	-5.9	-9.7	-9.3
12391	ok	0.0	0.4	3.08e-02	11.8	11.8	11.8	11.8	29.1	1.6	119.0	-4.5	-10.0	-9.5
12392	ok	0.0	0.4	7.01e-03	11.8	11.8	11.8	11.8	16.0	3.4	23.5	-34.2	-34.1	14.5
12393	ok	0.0	0.4	7.79e-03	11.8	11.8	11.8	11.8	9.2	-0.4	27.4	-31.1	-29.4	16.3
12394	ok	0.0	0.3	8.34e-03	11.8	11.8	11.8	11.8	4.1	-3.8	30.2	-27.9	-21.4	17.9
12395	ok	0.0	0.3	8.68e-03	11.8	11.8	11.8	11.8	9.71e-02	-6.9	31.9	-25.1	-10.0	19.1
12396	ok	0.0	0.2	8.88e-03	11.8	11.8	11.8	11.8	-3.1	-10.7	31.9	-19.5	18.5	19.6
12397	ok	0.0	0.3	8.84e-03	11.8	11.8	11.8	11.8	-5.9	-12.6	31.5	-20.3	35.9	18.2
12398	ok	0.0	0.5	1.34e-02	11.8	11.8	11.8	11.8	150.8	-4.5	93.1	-10.3	-20.8	-4.6
12399	ok	0.0	0.4	8.50e-03	11.8	11.8	11.8	11.8	-7.6	-14.4	29.9	-22.1	50.5	12.4
12400	ok	0.0	0.5	7.71e-03	11.8	11.8	11.8	11.8	-8.8	-6.3	28.4	-6.8	62.7	15.1
12401	ok	0.0	0.4	7.94e-03	11.8	11.8	11.8	11.8	-6.8	-3.6	29.8	-6.2	41.9	21.2
12402	ok	0.0	0.5	1.70e-02	11.8	11.8	11.8	11.8	122.0	-2.3	103.2	-8.2	-16.2	-7.4
12403	ok	0.0	0.3	7.75e-03	11.8	11.8	11.8	11.8	-1.9	-1.7	29.2	-10.0	19.1	20.2
12404	ok	0.0	0.2	7.31e-03	11.8	11.8	11.8	11.8	1.2	3.7	29.3	-19.6	-10.2	18.4
12405	ok	0.0	0.3	6.75e-03	11.8	11.8	11.8	11.8	5.8	7.6	27.3	-24.9	-22.4	16.5
12406	ok	0.0	0.5	1.11e-02	11.8	11.8	11.8	11.8	279.5	-3.9	135.3	-16.1	-21.8	1.5
12407	ok	0.0	0.4	6.03e-03	11.8	11.8	11.8	11.8	11.8	11.6	24.4	-30.0	-30.7	14.6
12408	ok	0.0	0.4	5.10e-03	11.8	11.8	11.8	11.8	19.7	15.9	20.3	-34.4	-36.0	12.8
12409	ok	0.0	0.4	1.06e-02	11.8	11.8	11.8	11.8	9.1	-20.4	29.1	-31.6	-30.4	16.7
12410	ok	0.0	0.5	9.83e-03	11.8	11.8	11.8	11.8	302.3	-4.7	128.2	-17.1	-23.0	3.6
12411	ok	0.0	0.3	1.09e-02	11.8	11.8	11.8	11.8	5.2	-23.2	31.4	-30.4	-27.2	17.5
12412	ok	0.0	0.3	1.11e-02	11.8	11.8	11.8	11.8	1.6	-25.1	33.5	-29.8	-20.6	17.8
12413	ok	0.0	0.3	1.11e-02	11.8	11.8	11.8	11.8	-1.2	-26.6	34.6	-29.9	-10.6	17.5
12414	ok	0.0	0.6	6.10e-03	11.8	11.8	11.8	11.8	375.6	-3.4	104.4	-19.2	-18.6	10.1
12415	ok	0.0	0.3	1.09e-02	11.8	11.8	11.8	11.8	-2.9	-28.4	33.8	-29.5	15.2	14.9
12416	ok	0.0	0.3	1.05e-02	11.8	11.8	11.8	11.8	-4.4	-29.0	32.9	-32.7	28.3	12.4
12417	ok	0.0	0.3	1.00e-02	11.8	11.8	11.8	11.8	-5.5	-29.3	31.3	-35.7	37.3	8.4
12418	ok	0.0	0.5	7.94e-03	11.8	11.8	11.8	11.8	337.0	-4.7	117.7	-18.3	-22.5	6.9
12419	ok	0.0	0.3	1.43e-02	11.8	11.8	11.8	11.8	4.9	-47.5	31.3	-26.4	-27.6	17.3
12420	ok	0.0	0.3	1.42e-02	11.8	11.8	11.8	11.8	1.6	-48.2	33.9	-26.5	-26.2	17.3
12421	ok	0.0	0.3	1.39e-02	11.8	11.8	11.8	11.8	-0.5	-48.1	35.2	-27.3	-20.9	16.3
12422	ok	0.0	0.7	1.48e-03	11.8	11.8	11.8	11.8	491.8	0.9	32.4	-19.9	3.8	13.6
12423	ok	0.0	0.3	1.34e-02	11.8	11.8	11.8	11.8	-1.9	-47.5	35.6	-28.7	-12.2	14.6
12424	ok	0.0	0.3	1.28e-02	11.8	11.8	11.8	11.8	-2.1	-46.3	33.8	-30.7	12.0	9.2
12425	ok	0.0	0.3	1.22e-02	11.8	11.8	11.8	11.8	-2.6	-45.3	32.5	-34.4	24.1	6.8
12426	ok	0.0	0.7	2.31e-03	11.8	11.8	11.8	11.8	466.8	0.4	54.7	-19.8	-1.9	13.9
12427	ok	0.0	0.7	3.36e-03	11.8	11.8	11.8	11.8	438.3	-0.3	73.0	-19.8	-7.8	13.4
12428	ok	0.0	0.6	4.69e-03	11.8	11.8	11.8	11.8	407.6	-1.5	89.8	-19.7	-13.5	12.1
12429	ok	0.0	0.3	1.14e-02	11.8	11.8	11.8	11.8	-3.2	-44.2	30.4	-37.6	33.1	4.8
12430	ok	0.0	0.3	1.63e-02	11.8	11.8	11.8	11.8	7.4	-61.2	27.9	-22.4	-23.3	16.1
12431	ok	0.0	0.3	1.61e-02	11.8	11.8	11.8	11.8	3.3	-61.5	31.6	-22.5	-26.7	17.3
12432	ok	0.0	0.3	1.57e-02	11.8	11.8	11.8	11.8	0.7	-61.0	33.7	-23.5	-26.1	16.7
12433	ok	0.0	0.3	1.51e-02	11.8	11.8	11.8	11.8	-0.9	-59.8	34.7	-24.9	-21.5	15.1
12434	ok	0.0	0.2	1.44e-02	11.8	11.8	11.8	11.8	-1.8	-57.9	34.8	-26.6	-13.3	12.8
12435	ok	0.0	0.2	1.36e-02	11.8	11.8	11.8	11.8	-1.6	-55.1	32.9	-28.8	10.5	6.5
12436	ok	0.0	0.3	1.28e-02	11.8	11.8	11.8	11.8	-1.4	-53.5	32.0	-32.7	23.3	3.9
12437	ok	0.0	0.3	1.20e-02	11.8	11.8	11.8	11.8	-1.9	-51.9	29.7	-36.6	32.4	3.3
12438	ok	0.0	0.8	6.55e-04	11.8	11.8	11.8	11.8	519.3	1.4	-1.1	-19.5	10.7	12.2
12439	ok	0.0	0.3	2.51e-02	11.8	11.8	11.8	11.8	2.5	1.1	-1.4	-2.5	-30.3	14.2
12440	ok	0.0	0.3	2.40e-02	11.8	11.8	11.8	11.8	7.97e-02	-120.7	29.0	-9.1	-29.3	16.9
12441	ok	0.0	0.2	2.25e-02	11.8	11.8	11.8	11.8	-0.6	-114.9	29.5	-12.8	-31.0	14.9
12442	ok	0.0	0.8	1.25e-03	11.8	11.8	11.8	11.8	534.4	1.4	-48.3	-18.4	16.7	9.0
12443	ok	0.0	0.2	2.09e-02	11.8	11.8	11.8	11.8	-1.0	-108.1	29.4	-15.3	-27.2	12.3
12444	ok	0.0	0.2	1.93e-02	11.8	11.8	11.8	11.8	-1.1	-100.8	28.9	-17.1	-18.7	9.0
12445	ok	0.0	0.2	1.77e-02	11.8	11.8	11.8	11.8	-1.5	-18.2	8.8	-15.0	19.8	-3.9
12446	ok	0.0	0.8	8.41e-04	11.8	11.8	11.8	11.8	530.0	1.5	-24.2	-19.0	14.0	10.8
12447	ok	0.0	0.3	1.62e-02	11.8	11.8	11.8	11.8	-2.15e-02	-12.9	8.6	-19.8	31.2	-5.3
12448	ok	0.0	0.4	1.50e-02	11.8	11.8	11.8	11.8	2.0	-79.6	26.0	-21.7	47.8	-4.5
12449	ok	0.0	0.4	3.05e-02	11.8	11.8	11.8	11.8	3.3	-12.9	-4.8	0.8	-43.5	12.7
12450	ok	0.0	0.8	1.90e-03	11.8	11.8	11.8	11.8	532.2	1.3	-75.0	-17.7	18.7	6.9
12451	ok	0.0	0.3	2.85e-02	11.8	11.8	11.8	11.8	2.0	-14.4	-2.7	-5.0	-39.2	6.5
12452	ok	0.0	0.2	2.62e-02	11.8	11.8	11.8	11.8	-0.5	-144.3	21.4	-6.7	-32.2	13.3
12453	ok	0.0	0.2	2.39e-02	11.8	11.8	11.8	11.8	-0.5	-133.0	21.0	-8.7	-29.3	10.6
12454	ok	0.0	0.8	3.07e-03	11.8	11.8	11.8	11.8	523.9	1.1	-105.7	-16.7	20.2	4.2
12455	ok	0.0	0.1	2.17e-02	11.8	11.8	11.8	11.8	0.6	-145.8	22.5	-5.9	-23.2	11.3
12456	ok	0.0	0.2	1.96e-02	11.8	11.8	11.8	11.8	1.2	-128.9	21.0	-6.8	-23.6	8.2
12457	ok	0.0	0.3	1.76e-02	11.8	11.8	11.8	11.8	-1.4	-26.0	6.3	-8.8	44.9	-7.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12458	ok	0.0	0.7	5.88e-03	11.8	11.8	11.8	11.8	427.4	3.6	-133.0	-8.6	28.7	-4.5
12459	ok	0.0	0.5	1.56e-02	11.8	11.8	11.8	11.8	-1.28e-02	-13.6	3.8	-13.5	57.3	-4.8
12460	ok	0.0	0.4	3.31e-02	11.8	11.8	11.8	11.8	4.3	-23.5	3.6	3.0	-46.7	6.8
12461	ok	0.0	0.3	3.04e-02	11.8	11.8	11.8	11.8	-1.1	-25.8	-0.3	-5.0	-37.3	8.8
12462	ok	0.0	0.7	4.16e-03	11.8	11.8	11.8	11.8	508.2	1.0	-129.3	-15.6	21.0	2.1
12463	ok	0.0	0.2	2.76e-02	11.8	11.8	11.8	11.8	-0.3	-158.7	16.4	-3.8	-32.8	12.7
12464	ok	0.0	0.2	2.51e-02	11.8	11.8	11.8	11.8	-0.3	-145.1	15.8	-5.3	-30.4	9.9
12465	ok	0.0	0.1	2.27e-02	11.8	11.8	11.8	11.8	1.1	-155.1	15.3	-4.2	-24.5	10.6
12466	ok	0.0	0.6	9.53e-03	11.8	11.8	11.8	11.8	392.4	4.2	-163.7	-5.0	35.7	-11.2
12467	ok	0.0	0.2	2.03e-02	11.8	11.8	11.8	11.8	0.4	-136.3	17.5	-4.2	-23.6	8.5
12468	ok	0.0	0.4	1.82e-02	11.8	11.8	11.8	11.8	-5.7	-26.0	1.6	-3.5	52.4	-8.6
12469	ok	0.0	0.6	1.75e-02	11.8	11.8	11.8	11.8	-20.2	-81.2	20.0	17.9	65.1	7.1
12470	ok	0.0	0.7	7.60e-03	11.8	11.8	11.8	11.8	410.9	3.8	-147.9	-7.0	31.8	-6.4
12471	ok	0.0	0.4	3.73e-02	11.8	11.8	11.8	11.8	-1.5	-36.4	13.8	1.6	-50.1	6.0
12472	ok	0.0	0.3	3.33e-02	11.8	11.8	11.8	11.8	1.9	-28.1	-2.4	-2.8	-40.2	7.4
12473	ok	0.0	0.2	3.02e-02	11.8	11.8	11.8	11.8	-0.2	-180.7	6.3	-0.6	-33.5	9.6
12474	ok	0.0	0.7	1.29e-02	11.8	11.8	11.8	11.8	355.0	13.1	-185.4	-0.9	45.5	-14.5
12475	ok	0.0	0.2	2.72e-02	11.8	11.8	11.8	11.8	-3.21e-02	-163.3	5.8	-0.9	-31.7	7.2
12476	ok	0.0	0.1	2.43e-02	11.8	11.8	11.8	11.8	0.4	-168.3	8.8	-0.8	-25.6	9.6
12477	ok	0.0	0.2	2.16e-02	11.8	11.8	11.8	11.8	-0.5	-147.0	7.9	-1.1	-24.9	8.1
12478	ok	0.0	0.8	1.57e-02	11.8	11.8	11.8	11.8	310.4	31.1	-195.7	4.2	59.4	-17.1
12479	ok	0.0	0.4	1.90e-02	11.8	11.8	11.8	11.8	3.9	-45.2	4.5	6.1	49.7	-6.8
12480	ok	0.0	0.9	1.50e-02	11.8	11.8	11.8	17.1	-2.3	-25.8	0.1	-32.1	157.7	-19.2
12481	ok	0.0	1.0	1.99e-02	11.8	11.8	11.9	15.6	-3.9	-26.2	4.8	66.0	114.3	-47.9
12482	ok	0.0	0.9	1.78e-02	11.8	11.8	11.8	11.8	284.8	49.0	-182.5	7.6	68.1	-19.8
12483	ok	0.0	0.8	3.75e-02	11.8	11.8	11.8	11.8	54.3	-259.2	-17.8	11.8	96.6	-3.1
12484	ok	0.0	0.5	6.10e-02	11.8	11.8	11.8	11.8	45.1	-397.0	17.9	-22.4	-80.1	27.4
12485	ok	0.0	0.3	6.71e-02	11.8	11.8	11.8	11.8	6.5	67.3	-9.9	-4.8	-28.0	-10.4
12486	ok	0.0	1.0	2.52e-02	11.8	12.1	11.8	12.9	132.8	59.7	-79.2	15.8	100.7	-24.6
12487	ok	0.0	0.3	3.48e-02	11.8	11.8	11.8	11.8	1.5	-42.7	-2.3	-1.8	-42.5	-0.7
12488	ok	0.0	1.0	3.82e-02	18.6	15.4	18.3	30.5	33.1	-317.4	-10.1	-13.6	-56.3	166.1
12489	ok	0.0	0.2	2.82e-02	11.8	11.8	11.8	11.8	-2.26e-02	-172.0	-8.77e-02	0.2	-31.3	0.9
12490	ok	0.0	1.0	2.56e-02	13.2	11.8	13.9	14.5	-33.3	-104.2	84.2	21.3	131.3	-31.1
12491	ok	0.0	9.83e-02	2.51e-02	11.8	11.8	11.8	11.8	1.1	-175.0	1.6	-0.8	-25.6	4.3
12492	ok	0.0	0.6	7.44e-02	11.8	11.8	11.8	11.8	9.1	118.5	-12.8	-2.0	-52.1	-10.1
12493	ok	0.0	0.1	2.23e-02	11.8	11.8	11.8	11.8	3.0	-149.5	4.1	1.28e-02	-24.8	4.0
12494	ok	0.0	1.0	6.10e-02	12.9	11.8	18.0	13.3	-139.0	-394.5	130.6	31.0	156.2	-31.0
12495	ok	0.0	0.9	6.30e-02	11.8	11.8	20.0	11.8	-84.0	-359.3	17.9	7.4	-178.8	-66.8
12496	ok	0.0	0.8	5.58e-02	11.8	11.8	18.8	11.8	-7.0	-33.5	-4.5	10.2	-135.0	56.8
12497	ok	0.0	0.2	3.14e-02	11.8	11.8	11.8	11.8	-4.26e-02	-191.1	-0.3	8.41e-02	-33.3	1.2
12498	ok	0.0	1.0	0.1	13.6	11.8	25.5	11.8	-76.0	-925.4	132.8	48.9	188.2	-34.7
12499	ok	0.0	0.3	1.94e-02	11.8	11.8	11.8	11.8	11.6	-21.8	10.6	5.6	44.9	-5.8
12500	ok	0.0	0.3	3.66e-02	11.8	11.8	11.8	11.8	6.3	-52.5	-3.1	-2.0	-47.5	1.3
12501	ok	0.0	0.9	6.54e-02	11.8	11.8	25.8	11.8	46.7	-512.2	-77.2	10.0	134.7	10.8
12502	ok	0.0	0.4	2.16e-02	11.8	11.8	11.8	11.8	70.5	14.9	41.6	30.4	8.6	-18.2
12503	ok	0.0	0.4	3.12e-02	11.8	11.8	11.8	11.8	25.2	37.1	43.4	42.5	7.6	-11.3
12504	ok	0.0	0.9	6.54e-02	11.8	13.3	11.8	11.8	-7.3	-10.2	63.1	37.6	80.5	13.5
12505	ok	0.0	0.4	2.26e-02	11.8	11.8	11.8	11.8	69.9	5.2	44.1	36.4	9.2	-21.2
12506	ok	0.0	0.4	3.26e-02	11.8	11.8	11.8	11.8	-59.8	-25.0	19.0	30.0	35.1	-7.9
12507	ok	0.0	0.6	5.67e-02	11.8	11.8	11.8	11.8	-1.5	29.5	44.3	58.2	27.1	-21.6
12508	ok	0.0	0.4	2.39e-02	11.8	11.8	11.8	11.8	56.1	-3.2	52.3	34.3	17.7	-19.4
12509	ok	0.0	0.5	5.22e-02	11.8	11.8	11.8	11.8	-216.8	-16.5	-21.7	34.2	62.7	-2.8
12510	ok	0.0	0.4	3.39e-02	11.8	11.8	11.8	11.8	-58.4	-36.1	18.4	30.4	32.8	-10.4
12511	ok	0.0	0.4	2.49e-02	11.8	11.8	11.8	11.8	-70.7	-72.9	32.5	39.8	10.9	-15.4
12512	ok	0.0	0.4	5.13e-02	11.8	11.8	11.8	11.8	-195.5	-5.5	38.3	21.5	45.0	-0.7
12513	ok	0.0	0.3	3.51e-02	11.8	11.8	11.8	11.8	-113.9	-40.2	18.6	22.7	32.7	-5.7
12514	ok	0.0	0.2	2.26e-02	11.8	11.8	11.8	11.8	-45.6	-25.4	25.3	13.0	16.8	-0.5
12515	ok	0.0	0.2	4.24e-02	11.8	11.8	11.8	11.8	-80.5	-21.9	58.1	0.8	-26.7	-8.6
12516	ok	0.0	0.2	3.27e-02	11.8	11.8	11.8	11.8	-87.2	-21.7	50.8	11.7	20.0	0.4
12517	ok	0.0	0.3	2.41e-02	11.8	11.8	11.8	11.8	-64.7	-66.3	33.7	30.2	11.3	-5.3
12518	ok	0.0	0.2	3.38e-02	11.8	11.8	11.8	11.8	-104.4	-28.1	36.5	17.4	26.1	-2.2
12519	ok	0.0	0.3	4.80e-02	11.8	11.8	11.8	11.8	-222.9	-12.2	61.9	15.3	31.8	2.6
12520	ok	0.0	0.2	1.74e-02	11.8	11.8	11.8	11.8	10.8	-12.1	37.9	-8.1	-5.8	-6.5
12521	ok	0.0	0.2	2.02e-02	11.8	11.8	11.8	11.8	-30.9	-18.5	29.2	4.1	13.4	-0.6
12522	ok	0.0	0.3	2.50e-02	11.8	11.8	11.8	11.8	-1.4	-8.0	52.1	-6.1	-11.8	-7.2
12523	ok	0.0	0.3	3.10e-02	11.8	11.8	11.8	11.8	-10.7	-2.1	77.4	-4.6	-15.2	-8.3
12524	ok	0.0	0.2	3.67e-02	11.8	11.8	11.8	11.8	-51.4	-10.0	70.9	-2.4	-19.8	-7.4
12525	ok	0.0	0.2	2.92e-02	11.8	11.8	11.8	11.8	-27.0	-18.2	45.7	-2.6	-13.2	-4.9
12526	ok	0.0	0.3	1.03e-02	11.8	11.8	11.8	11.8	83.7	6.7	64.2	-10.1	-10.7	-13.4
12527	ok	0.0	0.3	1.50e-02	11.8	11.8	11.8	11.8	26.3	-5.5	41.3	-9.5	-7.9	-9.4
12528	ok	0.0	0.3	1.25e-02	11.8	11.8	11.8	11.8	42.1	-1.0	42.9	-9.1	-9.9	-11.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12529	ok	0.0	0.4	1.41e-02	11.8	11.8	11.8	11.8	71.4	3.6	60.5	-7.3	-15.3	-12.5
12530	ok	0.0	0.4	1.81e-02	11.8	11.8	11.8	11.8	69.2	4.2	79.0	-9.0	-14.5	-10.2
12531	ok	0.0	0.4	2.18e-02	11.8	11.8	11.8	11.8	56.3	4.1	81.4	-7.2	-13.8	-10.6
12532	ok	0.0	0.4	1.74e-02	11.8	11.8	11.8	11.8	48.8	2.0	59.6	-8.5	-13.3	-11.4
12533	ok	0.0	0.3	2.61e-02	11.8	11.8	11.8	11.8	27.3	3.1	80.3	-6.2	-13.5	-9.4
12534	ok	0.0	0.3	2.10e-02	11.8	11.8	11.8	11.8	28.1	-1.0	56.4	-8.2	-12.1	-9.3
12535	ok	0.0	0.4	5.28e-03	11.8	11.8	11.8	11.8	155.5	16.3	60.7	-2.1	-24.5	-9.7
12536	ok	0.0	0.3	7.50e-03	11.8	11.8	11.8	11.8	119.7	11.9	63.8	-6.2	-16.2	-13.3
12537	ok	0.0	0.4	7.66e-03	11.8	11.8	11.8	11.8	186.4	16.5	92.1	-7.8	-26.3	-7.3
12538	ok	0.0	0.4	1.06e-02	11.8	11.8	11.8	11.8	212.7	7.8	114.7	-11.3	-22.7	-4.4
12539	ok	0.0	0.4	1.42e-02	11.8	11.8	11.8	11.8	109.8	4.1	78.5	-7.4	-19.4	-9.9
12540	ok	0.0	0.4	1.05e-02	11.8	11.8	11.8	11.8	154.3	10.4	91.8	-9.0	-18.3	-10.6
12541	ok	0.0	0.3	3.75e-03	11.8	11.8	11.8	11.8	176.9	22.1	58.2	1.4	-27.5	-3.9
12542	ok	0.0	0.4	5.88e-03	11.8	11.8	11.8	11.8	214.5	15.0	80.5	-7.2	-28.1	-1.6
12543	ok	0.0	0.4	8.20e-03	11.8	11.8	11.8	11.8	247.0	5.5	105.2	-12.7	-25.7	0.3
12544	ok	0.0	0.3	2.77e-03	11.8	11.8	11.8	11.8	194.6	24.9	52.6	1.8	-29.2	1.8
12545	ok	0.0	0.4	7.05e-03	11.8	11.8	11.8	11.8	266.4	5.4	98.5	-13.4	-26.8	3.6
12546	ok	0.0	0.4	4.75e-03	11.8	11.8	11.8	11.8	229.0	15.9	73.9	-7.2	-29.5	2.9
12547	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	234.3	31.5	32.0	-7.3	-30.0	17.4
12548	ok	0.0	0.5	3.82e-03	11.8	11.8	11.8	11.8	333.9	9.2	72.8	-17.5	-24.2	14.5
12549	ok	0.0	0.5	1.57e-03	11.8	11.8	11.8	11.8	274.4	19.0	43.2	-13.7	-30.5	16.9
12550	ok	0.0	0.3	1.21e-03	11.8	11.8	11.8	11.8	215.5	30.1	42.6	-1.4	-30.2	11.2
12551	ok	0.0	0.4	3.00e-03	11.8	11.8	11.8	11.8	254.8	18.6	60.5	-9.0	-30.3	10.2
12552	ok	0.0	0.5	5.24e-03	11.8	11.8	11.8	11.8	299.0	4.9	84.4	-15.0	-26.9	9.4
12553	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	274.4	43.6	-6.7	-26.5	-23.7	19.3
12554	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	426.2	18.9	16.1	-23.4	-9.8	18.7
12555	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	369.7	32.9	1.0	-26.7	-18.4	19.9
12556	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	266.7	40.5	2.9	-22.9	-24.1	20.5
12557	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	256.9	37.0	12.1	-18.4	-24.7	20.7
12558	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	245.9	33.4	21.3	-13.1	-25.5	19.3
12559	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	356.6	30.3	13.2	-24.2	-20.4	20.8
12560	ok	0.0	0.7	2.22e-04	11.8	11.8	11.8	11.8	407.7	17.1	31.8	-22.2	-13.3	19.3
12561	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	340.3	27.6	24.5	-21.0	-22.8	20.7
12562	ok	0.0	0.6	1.08e-03	11.8	11.8	11.8	11.8	387.0	15.4	44.8	-20.8	-17.0	18.9
12563	ok	0.0	0.6	2.96e-04	11.8	11.8	11.8	11.8	320.5	24.8	34.5	-17.4	-25.3	19.2
12564	ok	0.0	0.6	2.11e-03	11.8	11.8	11.8	11.8	360.6	14.2	58.9	-19.3	-21.1	17.3
12565	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	281.1	47.6	-22.2	-29.9	-23.5	16.2
12566	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	446.7	21.2	-10.3	-24.5	-5.1	16.3
12567	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	382.6	36.3	-19.1	-29.2	-15.8	17.0
12568	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	278.9	50.0	-42.1	-31.5	-23.3	11.4
12569	ok	0.0	0.8	0.0	11.8	11.8	11.8	11.8	456.2	22.8	-46.5	-24.5	-0.8	11.7
12570	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	386.5	38.8	-44.9	-30.1	-13.6	12.2
12571	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	281.6	49.2	-32.1	-31.0	-23.4	13.9
12572	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	387.0	37.9	-31.3	-29.8	-14.6	14.8
12573	ok	0.0	0.8	0.0	11.8	11.8	11.8	11.8	454.0	22.2	-28.1	-24.6	-2.7	14.1
12574	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	272.2	49.8	-52.6	-31.5	-23.0	8.7
12575	ok	0.0	0.7	1.48e-04	11.8	11.8	11.8	11.8	452.5	22.9	-66.9	-24.1	0.9	8.9
12576	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	380.7	39.1	-59.8	-29.9	-12.5	9.3
12577	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	260.1	48.8	-64.9	-30.8	-22.3	5.5
12578	ok	0.0	0.7	1.11e-03	11.8	11.8	11.8	11.8	239.3	11.4	-47.0	-15.9	-10.0	6.7
12579	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	365.4	38.2	-77.7	-29.2	-11.5	5.6
12580	ok	0.0	0.5	1.90e-04	11.8	11.8	11.8	11.8	138.8	26.1	-40.4	-21.6	-29.2	1.2
12581	ok	0.0	0.6	3.16e-03	11.8	11.8	11.8	11.8	343.3	14.3	-114.1	-13.5	16.7	-3.4
12582	ok	0.0	0.6	1.60e-03	11.8	11.8	11.8	11.8	185.6	21.8	-50.2	-19.5	-22.6	3.0
12583	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	246.0	46.4	-72.9	-29.8	-21.6	3.2
12584	ok	0.0	0.7	6.64e-04	11.8	11.8	11.8	11.8	194.1	22.8	-44.9	-19.1	-20.4	4.6
12585	ok	0.0	0.7	2.02e-03	11.8	11.8	11.8	11.8	228.5	10.8	-58.1	-16.1	-11.5	5.3
12586	ok	0.0	0.4	2.12e-03	11.8	11.8	11.8	11.8	128.1	19.8	-48.0	-21.5	-33.0	-3.0
12587	ok	0.0	0.6	5.80e-03	11.8	11.8	11.8	11.8	303.0	11.9	-133.0	-10.0	24.2	-6.8
12588	ok	0.0	0.5	4.01e-03	11.8	11.8	11.8	11.8	166.9	18.7	-58.4	-18.9	-28.1	-0.6
12589	ok	0.0	0.5	1.11e-03	11.8	11.8	11.8	11.8	131.9	23.1	-43.8	-21.5	-30.9	-0.6
12590	ok	0.0	0.6	2.50e-03	11.8	11.8	11.8	11.8	168.9	19.3	-55.7	-18.9	-25.0	1.6
12591	ok	0.0	0.6	4.34e-03	11.8	11.8	11.8	11.8	323.6	12.7	-125.0	-11.9	20.1	-5.2
12592	ok	0.0	0.4	3.80e-03	11.8	11.8	11.8	11.8	116.9	10.4	-56.3	-21.0	-37.7	-7.1
12593	ok	0.0	0.5	9.80e-03	11.8	11.8	11.8	11.8	257.5	12.5	-146.4	-5.2	34.4	-9.0
12594	ok	0.0	0.4	5.95e-03	11.8	11.8	11.8	11.8	149.9	12.3	-63.0	-18.1	-35.6	-3.5
12595	ok	0.0	0.4	5.97e-03	11.8	11.8	11.8	11.8	100.8	-3.3	-64.1	-19.9	-43.7	-10.7
12596	ok	0.0	0.6	1.11e-02	11.8	11.8	11.8	11.8	201.3	20.6	-152.8	0.4	48.0	-10.3
12597	ok	0.0	0.4	8.14e-03	11.8	11.8	11.8	11.8	130.7	-1.5	-66.2	-17.3	-45.8	-5.5
12598	ok	0.0	0.4	7.86e-03	11.8	11.8	11.8	11.8	88.3	-5.7	-87.6	-18.7	-47.2	-13.6
12599	ok	0.0	0.6	1.21e-02	11.8	11.8	11.8	11.8	124.2	25.2	-135.4	3.9	56.5	-10.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12600	ok	0.0	0.4	9.23e-03	11.8	11.8	11.8	11.8	123.4	-9.5	-93.9	-17.0	-51.5	-8.6
12601	ok	0.0	0.5	2.53e-02	11.8	11.8	11.8	11.8	49.8	16.2	-113.2	-14.6	-64.4	-18.7
12602	ok	0.0	0.8	1.77e-02	11.8	11.8	11.8	11.8	54.2	8.6	-102.7	13.4	88.2	-10.8
12603	ok	0.0	0.6	2.00e-02	11.8	11.8	11.8	11.8	62.5	-23.1	-140.1	-16.0	-74.8	-11.9
12604	ok	0.0	0.7	4.56e-02	11.8	11.8	11.8	11.8	58.9	100.2	-100.8	-13.6	-69.1	-19.1
12605	ok	0.0	1.0	3.89e-02	11.8	11.8	11.8	11.8	-31.3	-161.5	12.9	20.7	119.7	-10.1
12606	ok	0.0	0.9	4.31e-02	11.8	11.8	11.8	11.8	79.1	98.0	-123.9	-17.0	-92.1	-11.9
12607	ok	0.0	0.7	5.79e-02	11.8	11.8	11.8	11.8	39.7	140.1	-97.1	-10.6	-72.1	-20.1
12608	ok	0.0	1.0	6.16e-02	13.3	11.8	16.9	11.8	-4.5	-419.3	127.1	23.5	143.6	-9.1
12609	ok	0.0	0.9	6.26e-02	11.8	11.8	13.3	11.8	61.1	202.2	-150.5	-14.3	-97.8	-11.5
12610	ok	0.0	0.8	7.79e-02	11.8	11.8	12.0	11.8	27.3	203.7	-67.6	-6.6	-76.5	-18.8
12611	ok	0.0	1.0	0.1	14.4	11.8	27.0	11.8	23.7	-879.9	-76.5	8.6	163.4	-18.0
12612	ok	0.0	0.9	8.85e-02	11.8	11.8	15.8	11.8	54.4	328.9	-98.2	-11.1	-104.8	-11.3
12613	ok	0.0	0.4	1.83e-02	11.8	11.8	11.8	11.8	74.5	7.2	40.0	27.3	16.8	-17.6
12614	ok	0.0	0.4	1.85e-02	11.8	11.8	11.8	11.8	77.9	0.9	43.7	34.4	21.6	-23.7
12615	ok	0.0	0.5	1.89e-02	11.8	11.8	11.8	11.8	-9.6	-23.9	45.5	46.7	31.2	-21.8
12616	ok	0.0	0.5	1.95e-02	11.8	11.8	11.8	11.8	-18.8	-42.0	39.4	54.0	25.6	-15.1
12617	ok	0.0	0.2	1.78e-02	11.8	11.8	11.8	11.8	-23.3	-52.2	26.8	15.2	24.3	-0.4
12618	ok	0.0	0.4	1.90e-02	11.8	11.8	11.8	11.8	-32.2	-68.1	30.9	41.4	23.8	-1.4
12619	ok	0.0	0.3	1.42e-02	11.8	11.8	11.8	11.8	11.6	-20.3	33.6	-9.3	8.0	-8.6
12620	ok	0.0	0.2	1.62e-02	11.8	11.8	11.8	11.8	88.3	-6.5	34.3	-4.5	11.4	-6.0
12621	ok	0.0	0.3	7.98e-03	11.8	11.8	11.8	11.8	78.3	5.7	44.2	-10.5	-7.2	-16.5
12622	ok	0.0	0.3	9.96e-03	11.8	11.8	11.8	11.8	55.9	-1.0	42.1	-13.0	-3.1	-14.6
12623	ok	0.0	0.3	1.21e-02	11.8	11.8	11.8	11.8	31.9	-10.0	38.2	-12.5	2.5	-12.2
12624	ok	0.0	0.3	3.78e-03	11.8	11.8	11.8	11.8	133.7	17.3	43.1	5.0	-20.0	-13.4
12625	ok	0.0	0.3	5.61e-03	11.8	11.8	11.8	11.8	107.9	13.1	44.4	-3.9	-12.3	-16.6
12626	ok	0.0	0.3	2.29e-03	11.8	11.8	11.8	11.8	154.6	25.9	40.2	10.3	-23.7	-6.5
12627	ok	0.0	0.3	1.35e-03	11.8	11.8	11.8	11.8	169.7	30.1	36.7	11.1	-25.9	0.7
12628	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	205.8	40.0	20.8	-1.6	-26.9	18.7
12629	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	187.4	35.1	30.6	7.7	-26.7	11.4
12630	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	239.0	50.9	-11.1	-28.6	-25.9	19.3
12631	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	233.7	47.6	-3.4	-24.0	-24.8	20.9
12632	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	226.4	44.0	4.5	-17.9	-23.8	21.5
12633	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	217.4	41.0	12.7	-10.4	-23.3	20.4
12634	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	242.7	54.9	-23.2	-33.0	-27.8	16.0
12635	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	238.1	57.1	-38.1	-35.2	-29.4	11.3
12636	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	241.8	56.5	-30.7	-34.5	-28.7	13.7
12637	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	230.8	56.6	-45.6	-35.3	-29.7	8.7
12638	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	218.2	54.9	-54.3	-34.6	-29.4	5.8
12639	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	188.2	46.8	-63.2	-32.3	-27.8	1.4
12640	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	204.8	51.7	-59.4	-33.7	-28.8	3.6
12641	ok	0.0	0.4	5.42e-04	11.8	11.8	11.8	11.8	114.8	20.3	-43.6	-24.9	-34.4	-4.2
12642	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	114.7	24.2	-37.7	-24.6	-33.4	-1.7
12643	ok	0.0	0.3	2.40e-03	11.8	11.8	11.8	11.8	102.4	10.6	-53.4	-24.4	-36.1	-8.6
12644	ok	0.0	0.3	5.44e-03	11.8	11.8	11.8	11.8	87.8	3.9	-60.9	-22.6	-37.7	-12.7
12645	ok	0.0	0.3	9.04e-03	11.8	11.8	11.8	11.8	72.4	4.4	-78.2	-20.0	-38.2	-16.0
12646	ok	0.0	0.4	2.77e-02	11.8	11.8	11.8	11.8	37.8	34.9	-85.6	-12.8	-46.7	-21.9
12647	ok	0.0	0.5	4.55e-02	11.8	11.8	11.8	11.8	44.7	83.6	-76.4	-10.9	-49.6	-22.3
12648	ok	0.0	0.3	1.39e-02	11.8	11.8	11.8	11.8	69.4	-1.2	25.6	15.3	29.5	-7.9
12649	ok	0.0	0.3	1.58e-02	11.8	11.8	11.8	11.8	71.2	2.2	29.8	21.6	25.8	-13.7
12650	ok	0.0	0.4	1.38e-02	11.8	11.8	11.8	11.8	-13.9	-63.0	22.2	20.7	55.4	-10.2
12651	ok	0.0	0.5	1.65e-02	11.8	11.8	11.8	11.8	88.7	-1.9	42.6	39.3	39.4	-18.7
12652	ok	0.0	0.9	1.47e-02	11.8	11.8	11.8	11.8	10.3	7.5	14.8	56.8	75.2	32.1
12653	ok	0.0	0.7	1.66e-02	11.8	11.8	11.8	11.8	-34.0	-56.6	34.3	44.5	49.9	-47.2
12654	ok	0.0	1.0	1.34e-02	11.8	24.5	14.3	30.6	-16.0	-63.9	4.5	172.6	246.2	62.1
12655	ok	0.0	1.0	1.57e-02	11.8	11.8	11.8	12.9	18.0	-36.7	17.5	105.4	132.8	3.1
12656	ok	0.0	0.4	1.18e-02	11.8	11.8	11.8	11.8	13.0	-45.9	11.1	8.4	50.0	-13.1
12657	ok	0.0	0.3	1.49e-02	11.8	11.8	11.8	11.8	-2.3	-55.5	14.6	13.5	39.4	-3.6
12658	ok	0.0	0.8	1.30e-02	11.8	11.8	11.8	11.8	-7.1	-51.0	20.0	46.8	90.2	-9.0
12659	ok	0.0	0.6	1.56e-02	11.8	11.8	11.8	11.8	-19.8	-67.3	6.5	48.2	50.0	6.9
12660	ok	0.0	0.3	9.66e-03	11.8	11.8	11.8	11.8	30.4	-25.1	9.5	-14.1	16.1	-17.2
12661	ok	0.0	0.3	1.16e-02	11.8	11.8	11.8	11.8	22.2	-23.5	19.7	-12.0	12.8	-12.6
12662	ok	0.0	0.2	1.09e-02	11.8	11.8	11.8	11.8	20.3	-35.7	8.8	-5.8	26.5	-14.9
12663	ok	0.0	0.2	1.30e-02	11.8	11.8	11.8	11.8	8.4	-35.6	16.9	-3.6	22.0	-8.5
12664	ok	0.0	0.3	5.07e-03	11.8	11.8	11.8	11.8	67.7	3.2	13.9	-10.5	4.8	-22.7
12665	ok	0.0	0.3	6.19e-03	11.8	11.8	11.8	11.8	73.7	4.7	27.3	-10.8	-2.3	-19.6
12666	ok	0.0	0.3	6.71e-03	11.8	11.8	11.8	11.8	54.2	-5.5	12.6	-15.4	6.5	-21.1
12667	ok	0.0	0.3	8.27e-03	11.8	11.8	11.8	11.8	41.6	-15.0	11.0	-16.6	10.1	-19.2
12668	ok	0.0	0.3	8.02e-03	11.8	11.8	11.8	11.8	54.0	-3.8	25.5	-14.1	2.1	-18.3
12669	ok	0.0	0.3	9.85e-03	11.8	11.8	11.8	11.8	37.4	-13.0	22.8	-14.8	6.6	-15.7
12670	ok	0.0	0.4	7.90e-04	11.8	11.8	11.8	11.8	71.9	6.8	17.6	26.0	11.6	-17.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12671	ok	0.0	0.3	2.30e-03	11.8	11.8	11.8	11.8	118.4	19.0	27.3	12.8	-12.2	-17.6
12672	ok	0.0	0.3	2.90e-03	11.8	11.8	11.8	11.8	62.0	4.2	18.3	7.5	9.0	-18.5
12673	ok	0.0	0.3	3.84e-03	11.8	11.8	11.8	11.8	98.6	13.8	27.7	-1.6	-6.2	-19.9
12674	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	80.7	11.8	15.3	36.9	7.7	-10.0
12675	ok	0.0	0.3	9.96e-04	11.8	11.8	11.8	11.8	135.6	28.4	25.0	21.6	-16.3	-9.6
12676	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	128.2	35.9	11.2	41.6	-6.2	-2.7
12677	ok	0.0	0.4	1.21e-04	11.8	11.8	11.8	11.8	146.4	33.3	23.0	24.6	-18.3	-1.1
12678	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	155.3	52.1	1.3	12.1	-8.7	21.9
12679	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	178.0	46.6	10.8	5.7	-19.6	20.1
12680	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	142.5	44.3	7.1	33.2	-8.1	13.4
12681	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	163.4	40.4	17.9	19.2	-19.7	12.0
12682	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	176.2	61.1	-15.6	-32.6	-25.0	16.5
12683	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	205.8	56.7	-14.0	-30.7	-26.2	18.5
12684	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	174.0	58.0	-11.3	-26.4	-20.2	18.5
12685	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	169.8	54.7	-6.8	-17.4	-15.1	20.2
12686	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	163.6	51.7	-2.5	-5.0	-10.5	20.9
12687	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	202.3	53.5	-8.0	-25.2	-23.3	20.4
12688	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	196.8	50.1	-1.8	-17.5	-20.6	21.4
12689	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	189.1	47.3	4.5	-7.4	-18.4	21.1
12690	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	175.8	64.7	-21.8	-38.3	-31.4	13.4
12691	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	207.2	60.7	-22.9	-35.9	-30.3	15.1
12692	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	168.3	65.7	-28.4	-41.1	-36.8	9.6
12693	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	200.8	62.4	-33.4	-38.5	-33.9	10.7
12694	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	173.0	65.8	-25.3	-40.2	-34.5	11.4
12695	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	205.2	62.0	-28.3	-37.7	-32.3	12.9
12696	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	160.8	64.0	-31.1	-41.3	-38.4	7.8
12697	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	193.2	61.3	-38.3	-38.7	-34.8	8.4
12698	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	148.0	59.3	-33.3	-40.8	-39.0	5.7
12699	ok	0.0	0.6	0.0	11.8	11.8	11.8	11.8	179.7	57.6	-43.2	-38.1	-35.0	5.7
12700	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	123.6	48.2	-33.9	-38.5	-37.1	3.0
12701	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	153.0	48.4	-47.7	-35.7	-33.2	2.1
12702	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	136.7	53.8	-33.8	-39.9	-38.5	4.2
12703	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	168.1	54.6	-46.3	-37.1	-34.4	4.0
12704	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	97.2	26.5	-29.3	-34.8	-33.2	-0.4
12705	ok	0.0	0.4	1.88e-04	11.8	11.8	11.8	11.8	98.7	21.0	-39.4	-27.9	-34.4	-4.1
12706	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	110.6	39.8	-32.3	-36.8	-35.4	1.6
12707	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	138.1	41.3	-47.6	-34.1	-31.8	0.3
12708	ok	0.0	0.3	4.05e-03	11.8	11.8	11.8	11.8	71.6	16.5	-42.1	-29.8	-29.6	-5.8
12709	ok	0.0	0.3	1.98e-03	11.8	11.8	11.8	11.8	86.6	13.9	-47.9	-27.6	-33.2	-8.1
12710	ok	0.0	0.3	1.04e-02	11.8	11.8	11.8	11.8	59.2	14.4	-45.7	-27.2	-23.6	-8.9
12711	ok	0.0	0.3	7.97e-03	11.8	11.8	11.8	11.8	72.9	9.8	-53.9	-25.3	-30.8	-12.1
12712	ok	0.0	0.3	1.40e-02	11.8	11.8	11.8	11.8	45.5	16.4	-50.2	-25.3	-19.7	-11.8
12713	ok	0.0	0.3	1.18e-02	11.8	11.8	11.8	11.8	57.5	11.9	-64.0	-22.3	-28.9	-15.6
12714	ok	0.0	0.3	2.96e-02	11.8	11.8	11.8	11.8	0.4	-203.8	37.9	9.0	-30.2	3.7
12715	ok	0.0	0.3	2.90e-02	11.8	11.8	11.8	11.8	28.5	38.7	-61.3	-12.1	-28.9	-23.3
12716	ok	0.0	0.4	4.25e-02	11.8	11.8	11.8	11.8	-9.9	-291.0	24.6	10.5	-48.0	14.7
12717	ok	0.0	0.4	4.45e-02	11.8	11.8	11.8	11.8	33.9	66.4	-55.9	-9.0	-30.0	-23.9
12718	ok	0.0	0.5	4.90e-02	11.8	11.8	11.8	11.8	-26.3	-335.6	25.5	5.5	-68.4	15.3
12719	ok	0.0	0.4	5.16e-02	11.8	11.8	11.8	11.8	4.4	70.9	-30.2	-4.0	-28.7	-24.0
12720	ok	0.0	0.4	5.76e-02	11.8	11.8	11.8	11.8	0.2	-12.6	5.4	33.0	28.4	-25.5
12721	ok	0.0	0.4	6.24e-02	11.8	11.8	11.8	11.8	12.0	73.0	-29.9	-4.4	-29.6	-24.0
12722	ok	0.0	0.2	9.34e-03	11.8	11.8	11.8	11.8	65.5	-6.8	15.6	9.3	9.1	6.7
12723	ok	0.0	0.3	1.14e-02	11.8	11.8	11.8	11.8	55.2	-5.2	28.3	16.6	17.7	4.8
12724	ok	0.0	0.3	9.30e-03	11.8	11.8	11.8	11.8	32.7	-36.0	0.5	11.2	16.5	6.1
12725	ok	0.0	0.4	1.19e-02	11.8	11.8	11.8	11.8	-1.3	-66.6	27.5	20.3	38.8	5.6
12726	ok	0.0	0.3	9.17e-03	11.8	11.8	11.8	11.8	35.7	-38.6	-2.9	24.2	15.9	3.8
12727	ok	0.0	0.6	1.15e-02	11.8	11.8	11.8	11.8	-8.6	-41.6	27.0	53.8	67.3	10.1
12728	ok	0.0	0.4	1.05e-02	11.8	11.8	11.8	11.8	75.1	-15.1	13.7	33.4	13.3	-9.4
12729	ok	0.0	0.8	1.09e-02	11.8	11.8	11.8	11.8	1.5	-58.7	-11.2	42.7	92.3	-15.9
12730	ok	0.0	0.3	9.39e-03	11.8	11.8	11.8	11.8	29.0	-45.2	-1.6	6.3	14.3	-27.6
12731	ok	0.0	0.4	9.90e-03	11.8	11.8	11.8	11.8	24.7	-56.4	8.1	9.2	41.8	-24.6
12732	ok	0.0	0.4	9.96e-03	11.8	11.8	11.8	11.8	32.1	-49.8	1.2	29.0	11.2	-21.1
12733	ok	0.0	0.7	1.21e-02	11.8	11.8	11.8	11.8	29.7	-39.7	-9.5	36.4	46.8	-34.5
12734	ok	0.0	0.3	7.61e-03	11.8	11.8	11.8	11.8	39.5	-24.3	-6.9	-16.2	8.8	-24.3
12735	ok	0.0	0.3	8.23e-03	11.8	11.8	11.8	11.8	37.0	-25.6	-0.1	-15.8	14.9	-22.2
12736	ok	0.0	0.3	8.32e-03	11.8	11.8	11.8	11.8	34.1	-32.5	-4.8	-9.0	10.8	-25.0
12737	ok	0.0	0.3	9.08e-03	11.8	11.8	11.8	11.8	30.1	-35.5	1.4	-8.0	22.4	-22.0
12738	ok	0.0	0.2	4.92e-03	11.8	11.8	11.8	11.8	57.9	1.9	-8.6	-9.3	15.1	-20.5
12739	ok	0.0	0.3	4.72e-03	11.8	11.8	11.8	11.8	62.9	2.3	0.8	-10.7	11.7	-23.2
12740	ok	0.0	0.3	5.91e-03	11.8	11.8	11.8	11.8	51.1	-6.8	-8.6	-15.5	10.4	-21.9
12741	ok	0.0	0.3	6.81e-03	11.8	11.8	11.8	11.8	45.0	-15.7	-8.1	-17.8	8.5	-23.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12742	ok	0.0	0.3	6.01e-03	11.8	11.8	11.8	11.8	53.3	-6.6	0.2	-16.1	10.2	-22.8
12743	ok	0.0	0.3	7.19e-03	11.8	11.8	11.8	11.8	44.5	-16.0	-0.2	-17.9	11.2	-22.5
12744	ok	0.0	0.6	2.24e-03	11.8	11.8	11.8	11.8	75.9	28.0	-7.8	31.8	57.2	-21.9
12745	ok	0.0	0.5	1.38e-03	11.8	11.8	11.8	11.8	64.9	8.0	8.4	33.9	33.8	-21.7
12746	ok	0.0	0.3	3.60e-03	11.8	11.8	11.8	11.8	67.5	12.8	-8.3	5.9	27.0	-18.9
12747	ok	0.0	0.3	3.02e-03	11.8	11.8	11.8	11.8	113.0	18.6	11.9	8.7	21.9	-17.1
12748	ok	0.0	1.0	2.46e-03	11.8	13.8	11.8	14.4	72.9	48.4	-8.9	87.5	97.3	-42.7
12749	ok	0.0	0.7	1.86e-04	11.8	11.8	11.8	11.8	72.7	10.8	4.8	64.3	43.2	-15.1
12750	ok	0.0	0.2	5.99e-03	11.8	11.8	11.8	11.8	49.2	-6.5	-12.3	-14.3	8.2	-20.2
12751	ok	0.0	0.3	6.80e-03	11.8	11.8	11.8	11.8	44.1	-15.0	-11.4	-17.2	5.1	-22.4
12752	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	106.5	53.6	-18.8	22.9	47.1	6.2
12753	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	127.5	56.0	-7.9	19.3	18.3	21.8
12754	ok	0.0	0.6	2.81e-03	11.8	11.8	11.8	11.8	74.8	26.0	-8.6	33.4	60.8	-9.3
12755	ok	0.0	0.3	3.93e-03	11.8	11.8	11.8	11.8	62.9	12.6	-12.4	7.8	27.3	-13.1
12756	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	112.2	66.1	-15.7	-35.8	-19.3	5.9
12757	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	141.4	64.8	-16.3	-34.6	-22.0	12.2
12758	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	112.4	63.4	-15.2	-28.8	-10.1	6.6
12759	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	122.5	53.5	-5.9	-15.3	5.7	7.4
12760	ok	0.0	0.2	0.0	11.8	11.8	11.8	11.8	120.8	50.5	-5.5	-5.1	15.7	8.1
12761	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	140.5	61.9	-14.1	-27.9	-14.5	13.9
12762	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	138.1	58.6	-11.7	-17.9	-5.9	15.8
12763	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	143.8	50.2	-4.7	-5.3	6.7	13.9
12764	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	109.4	68.6	-16.1	-41.7	-30.1	4.9
12765	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	139.4	67.8	-19.3	-40.6	-31.1	9.8
12766	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	101.1	67.4	-15.2	-44.2	-39.2	4.6
12767	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	131.2	67.8	-21.7	-43.5	-38.7	7.5
12768	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	105.9	68.7	-15.9	-43.4	-35.3	4.6
12769	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	136.1	68.4	-20.7	-42.6	-35.4	8.5
12770	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	94.7	64.3	-13.9	-44.1	-42.1	4.7
12771	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	124.0	65.3	-22.0	-43.6	-41.1	6.6
12772	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	84.8	57.2	-11.3	-43.5	-43.7	5.2
12773	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	112.8	59.3	-21.4	-43.1	-42.2	5.6
12774	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	67.8	40.0	-5.5	-41.8	-42.0	5.9
12775	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	92.1	43.8	-17.8	-41.0	-40.3	4.2
12776	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	76.7	49.8	-8.7	-42.7	-43.4	5.6
12777	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	103.0	52.7	-20.0	-42.2	-41.7	4.9
12778	ok	0.0	0.4	3.01e-03	11.8	11.8	11.8	11.8	51.4	16.7	1.2	-38.8	-36.8	5.9
12779	ok	0.0	0.4	1.10e-03	11.8	11.8	11.8	11.8	70.1	24.0	-11.8	-37.5	-35.3	2.8
12780	ok	0.0	0.4	5.23e-04	11.8	11.8	11.8	11.8	59.7	29.4	-2.3	-40.5	-39.8	6.0
12781	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	80.9	36.1	-15.3	-39.4	-38.2	3.7
12782	ok	0.0	0.3	7.87e-03	11.8	11.8	11.8	11.8	36.1	-8.1	8.6	-34.2	-29.7	5.8
12783	ok	0.0	0.3	6.62e-03	11.8	11.8	11.8	11.8	51.4	-1.7	-4.3	-32.5	-28.8	0.9
12784	ok	0.0	1.0	3.74e-02	17.6	20.5	13.2	21.1	8.3	-40.4	10.0	25.1	37.4	178.4
12785	ok	0.0	1.0	3.25e-02	70.7	76.9	66.1	70.5	16.1	-252.3	-8.6	384.9	342.7	-287.4
12786	ok	0.0	1.0	4.94e-02	11.8	20.8	27.1	28.8	-80.4	-347.3	12.2	97.3	-235.0	-74.0
12787	ok	0.0	0.6	4.93e-02	11.8	11.8	11.8	11.8	-78.2	-353.4	55.5	27.0	-53.2	24.6
12788	ok	0.0	0.6	3.33e-02	11.8	11.8	11.8	11.8	9.4	18.2	-12.2	19.7	57.0	22.5
12789	ok	0.0	0.4	3.95e-02	11.8	11.8	11.8	11.8	8.0	-253.6	30.2	29.0	-25.8	-12.3
12790	ok	0.0	0.3	2.85e-02	11.8	11.8	11.8	11.8	16.9	16.6	-13.0	-8.6	18.3	18.4
12791	ok	0.0	0.2	2.93e-02	11.8	11.8	11.8	11.8	7.7	-206.4	45.5	18.5	-18.7	-4.6
12792	ok	0.0	0.3	1.66e-02	11.8	11.8	11.8	11.8	19.7	15.5	-18.8	-24.1	-12.3	8.3
12793	ok	0.0	0.3	1.57e-02	11.8	11.8	11.8	11.8	17.8	17.4	-33.4	-28.1	-13.8	-3.8
12794	ok	0.0	0.3	1.36e-02	11.8	11.8	11.8	11.8	25.3	-40.0	14.6	-27.3	-20.2	5.1
12795	ok	0.0	0.3	1.25e-02	11.8	11.8	11.8	11.8	19.8	18.0	-33.4	-27.3	-18.2	-3.4
12796	ok	0.0	0.2	8.29e-03	11.8	11.8	11.8	11.8	13.9	-14.0	28.3	4.3	-14.1	8.4
12797	ok	0.0	0.2	8.39e-03	11.8	11.8	11.8	11.8	11.0	-49.3	14.7	9.7	-9.7	8.5
12798	ok	0.0	0.2	8.70e-03	11.8	11.8	11.8	11.8	14.9	-51.5	11.2	18.1	-8.9	4.5
12799	ok	0.0	0.3	9.30e-03	11.8	11.8	11.8	11.8	20.1	-51.0	5.2	23.1	-7.6	-6.7
12800	ok	0.0	0.3	9.34e-03	11.8	11.8	11.8	11.8	30.1	-42.2	-5.0	1.1	1.8	-24.9
12801	ok	0.0	0.3	9.78e-03	11.8	11.8	11.8	11.8	25.2	-47.5	-0.6	15.8	-4.4	-18.8
12802	ok	0.0	0.3	7.52e-03	11.8	11.8	11.8	11.8	39.4	-23.1	-10.0	-16.3	3.6	-23.9
12803	ok	0.0	0.2	8.17e-03	11.8	11.8	11.8	11.8	34.6	-30.7	-7.7	-10.5	2.8	-24.3
12804	ok	0.0	0.2	5.12e-03	11.8	11.8	11.8	11.8	54.9	1.9	-12.7	-7.7	13.9	-17.5
12805	ok	0.0	1.0	1.60e-03	11.8	20.3	12.7	21.9	51.5	14.7	4.7	172.2	190.9	5.7
12806	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	78.4	14.5	12.9	71.3	42.6	-5.3
12807	ok	0.0	1.0	0.0	11.8	11.8	11.8	11.8	91.5	46.5	-15.9	71.7	74.9	24.4
12808	ok	0.0	0.7	0.0	11.8	11.8	11.8	11.8	84.2	22.9	4.3	59.1	36.4	14.4
12809	ok	0.0	1.0	2.23e-03	11.8	14.9	11.8	17.8	94.7	48.2	-0.6	119.7	132.6	10.5
12810	ok	0.0	1.0	1.20e-03	16.9	45.0	22.2	45.9	81.9	46.5	-28.1	337.4	296.5	-83.9
12811	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	92.7	53.0	-17.2	21.9	43.1	-1.9
12812	ok	0.0	1.0	1.24e-03	11.8	11.8	11.8	15.0	85.0	66.4	-23.7	75.4	105.0	-12.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12813	ok	0.0	0.4	0.0	11.8	11.8	11.8	11.8	97.3	66.2	-15.1	-35.8	-18.1	1.8
12814	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	97.9	63.6	-15.3	-28.7	-8.7	1.8
12815	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	109.5	53.7	-4.8	-15.1	7.5	3.5
12816	ok	0.0	0.2	0.0	11.8	11.8	11.8	11.8	108.3	50.0	-6.8	-4.9	17.9	3.1
12817	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	94.1	68.3	-14.2	-41.7	-29.2	1.9
12818	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	86.0	66.6	-11.7	-43.8	-38.8	2.6
12819	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	90.6	68.1	-13.1	-43.3	-34.6	2.1
12820	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	80.0	63.0	-9.6	-43.5	-41.9	3.5
12821	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	71.0	55.4	-6.1	-42.9	-43.7	5.0
12822	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	56.0	37.5	0.5	-41.3	-42.2	6.9
12823	ok	0.0	0.5	0.0	11.8	11.8	11.8	11.8	63.7	47.6	-3.1	-42.2	-43.5	6.0
12824	ok	0.0	1.0	3.29e-02	18.2	24.4	33.5	30.1	11.5	-36.2	-12.2	124.8	-233.4	82.1
12825	ok	0.0	0.9	4.27e-02	11.8	12.6	11.8	11.8	47.6	-297.2	27.5	55.8	74.8	-33.4
12826	ok	0.0	0.4	3.51e-02	11.8	11.8	11.8	11.8	27.4	-209.9	23.6	36.7	38.8	-20.2
12827	ok	0.0	0.3	2.73e-02	11.8	11.8	11.8	11.8	2.6	13.0	-7.3	-11.1	-10.3	20.7
12828	ok	0.0	0.3	1.65e-02	11.8	11.8	11.8	11.8	15.9	-58.7	21.4	-23.5	-16.4	9.4
12829	ok	0.0	0.3	1.37e-02	11.8	11.8	11.8	11.8	19.9	-42.6	19.3	-27.6	-21.2	9.2
12830	ok	0.0	0.3	8.68e-03	11.8	11.8	11.8	11.8	28.8	-11.3	14.5	-34.3	-30.1	8.8
12831	ok	0.0	0.4	4.11e-03	11.8	11.8	11.8	11.8	41.9	13.7	7.4	-38.7	-37.1	8.0
12832	ok	0.0	0.4	1.69e-03	11.8	11.8	11.8	11.8	48.9	26.6	3.8	-40.3	-40.1	7.6
12833	ok	0.0	0.2	9.20e-03	11.8	11.8	11.8	11.8	32.1	-39.3	-8.9	-4.6	-11.6	-21.2
12834	ok	0.0	0.3	7.47e-03	11.8	11.8	11.8	11.8	39.7	-21.0	-13.3	-16.5	-4.5	-21.6
12835	ok	0.0	0.3	8.04e-03	11.8	11.8	11.8	11.8	35.7	-28.4	-10.9	-12.5	-7.2	-21.8
12836	ok	0.0	0.2	7.22e-03	11.8	11.8	11.8	11.8	-15.0	-26.4	22.0	-2.7	-21.5	8.0
12837	ok	0.0	0.2	7.93e-03	11.8	11.8	11.8	11.8	14.5	-46.8	10.8	3.4	-21.1	8.5
12838	ok	0.0	0.2	8.32e-03	11.8	11.8	11.8	11.8	18.7	-47.0	7.1	8.1	-19.9	4.2
12839	ok	0.0	0.2	8.86e-03	11.8	11.8	11.8	11.8	23.8	-46.6	1.5	10.3	-18.0	-5.1
12840	ok	0.0	0.2	7.36e-03	11.8	11.8	11.8	11.8	6.9	-34.1	12.7	-5.6	-21.6	10.7
12841	ok	0.0	0.2	6.46e-03	11.8	11.8	11.8	11.8	9.2	-33.5	9.7	-6.7	-28.0	11.6
12842	ok	0.0	1.0	3.82e-02	11.8	15.8	11.8	11.8	59.2	-7.2	86.3	128.3	33.6	23.3
12843	ok	0.0	0.6	3.38e-02	11.8	11.8	11.8	11.8	86.4	62.0	6.4	50.9	19.4	6.5
12844	ok	0.0	0.4	2.68e-02	11.8	11.8	11.8	11.8	67.3	36.6	26.3	36.8	11.6	-8.8
12845	ok	0.0	0.3	2.03e-02	11.8	11.8	11.8	11.8	53.5	23.7	28.2	19.5	14.8	-9.8
12846	ok	0.0	0.3	1.80e-02	11.8	11.8	11.8	11.8	64.5	10.7	26.7	17.2	16.3	-10.7
12847	ok	0.0	0.2	1.58e-02	11.8	11.8	11.8	11.8	67.1	4.4	25.0	11.9	19.5	-9.2
12848	ok	0.0	0.2	1.38e-02	11.8	11.8	11.8	11.8	67.0	0.3	23.5	7.3	19.1	-5.5
12849	ok	0.0	0.2	1.17e-02	11.8	11.8	11.8	11.8	-15.8	-38.5	0.8	-5.8	15.0	-1.5
12850	ok	0.0	0.2	9.67e-03	11.8	11.8	11.8	11.8	-27.2	-22.3	27.2	-2.6	-11.5	7.2
12851	ok	0.0	0.1	8.62e-03	11.8	11.8	11.8	11.8	-22.1	-22.3	24.9	-3.2	-17.2	8.1
12852	ok	0.0	0.3	6.08e-03	11.8	11.8	11.8	11.8	11.6	-32.0	5.6	-8.7	-34.6	13.0
12853	ok	0.0	0.3	5.94e-03	11.8	11.8	11.8	11.8	13.3	-30.3	1.9	-10.6	-36.9	14.7
12854	ok	0.0	0.3	5.76e-03	11.8	11.8	11.8	11.8	14.1	-28.3	-1.4	-12.7	-35.4	16.5
12855	ok	0.0	0.3	5.60e-03	11.8	11.8	11.8	11.8	14.3	-26.2	-4.2	-14.8	-30.1	18.0
12856	ok	0.0	0.3	5.38e-03	11.8	11.8	11.8	11.8	14.0	-24.2	-6.7	-17.4	-21.9	18.3
12857	ok	0.0	0.3	5.14e-03	11.8	11.8	11.8	11.8	13.4	-22.2	-8.8	-21.5	-9.5	18.0
12858	ok	0.0	0.3	4.87e-03	11.8	11.8	11.8	11.8	11.7	-19.2	-9.9	-25.3	2.3	13.9
12859	ok	0.0	0.9	6.45e-02	11.8	28.2	13.8	21.7	272.9	141.0	-46.9	147.4	137.0	62.8
12860	ok	0.0	0.9	9.23e-02	11.8	13.8	11.8	11.8	-53.2	-36.6	119.5	81.4	-12.6	7.9
12861	ok	0.0	0.2	8.63e-02	11.8	11.8	11.8	11.8	-634.7	-21.4	-35.1	29.5	3.9	6.6
12862	ok	0.0	0.1	8.18e-02	11.8	11.8	11.8	11.8	-621.3	2.1	-7.9	15.9	0.5	3.8
12863	ok	0.0	0.1	5.12e-02	11.8	11.8	11.8	11.8	-354.2	-3.3	-5.6	10.0	0.3	2.7
12864	ok	0.0	9.49e-02	6.62e-02	11.8	11.8	11.8	11.8	-402.6	-3.3	-1.8	10.9	0.5	5.2
12865	ok	0.0	0.2	2.75e-02	11.8	11.8	11.8	11.8	123.7	-1.3	3.0	-4.3	-9.36e-02	-2.5
12866	ok	0.0	0.2	3.83e-02	11.8	11.8	11.8	11.8	-212.2	0.5	0.7	5.4	-0.2	-4.0
12867	ok	0.0	0.4	5.75e-03	11.8	11.8	11.8	11.8	222.9	1.8	2.8	-8.1	-0.2	-2.2
12868	ok	0.0	0.3	1.19e-02	11.8	11.8	11.8	11.8	200.8	1.5	2.9	-7.2	-0.2	-2.5
12869	ok	0.0	0.3	1.90e-02	11.8	11.8	11.8	11.8	172.4	1.8	3.2	-6.1	-0.2	-2.7
12870	ok	0.0	0.4	1.62e-04	11.8	11.8	11.8	11.8	276.5	0.8	-0.4	-10.4	0.3	1.5
12871	ok	0.0	0.4	2.54e-04	11.8	11.8	11.8	11.8	248.6	1.7	2.5	-9.0	-0.1	-1.7
12872	ok	0.0	0.5	1.18e-04	11.8	11.8	11.8	11.8	304.7	0.6	-0.2	-11.4	0.3	1.4
12873	ok	0.0	0.5	1.37e-04	11.8	11.8	11.8	11.8	321.5	0.6	-0.2	-12.0	0.3	1.4
12874	ok	0.0	0.6	1.30e-04	11.8	11.8	11.8	11.8	386.7	1.12e-02	7.09e-03	-16.0	0.2	1.6
12875	ok	0.0	0.5	1.49e-04	11.8	11.8	11.8	11.8	348.8	1.33e-02	-3.35e-02	-14.3	0.2	1.2
12876	ok	0.0	0.7	1.59e-04	11.8	11.8	11.8	11.8	503.3	9.84e-02	-9.79e-02	-20.4	-2.85e-02	2.2
12877	ok	0.0	0.7	9.92e-05	11.8	11.8	11.8	11.8	477.9	0.1	-9.97e-02	-19.6	5.72e-03	2.2
12878	ok	0.0	0.7	1.04e-04	11.8	11.8	11.8	11.8	449.2	5.27e-02	-5.90e-02	-18.5	5.70e-02	2.1
12879	ok	0.0	0.6	1.11e-04	11.8	11.8	11.8	11.8	418.2	2.21e-02	-1.65e-02	-17.3	0.1	1.9
12880	ok	0.0	0.8	1.31e-04	11.8	11.8	11.8	11.8	531.6	6.41e-02	-8.68e-02	-21.5	-8.48e-02	2.0
12881	ok	0.0	0.8	1.14e-04	11.8	11.8	11.8	11.8	548.6	0.1	-8.66e-02	-21.6	-0.1	1.5
12882	ok	0.0	0.8	1.04e-04	11.8	11.8	11.8	11.8	543.2	0.1	-8.27e-02	-21.7	-0.1	1.7
12883	ok	0.0	0.8	1.44e-04	11.8	11.8	11.8	11.8	551.0	0.1	-8.71e-02	-21.2	-0.1	1.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
12884	ok	0.0	0.8	1.75e-04	11.8	11.8	11.8	11.8	539.9	8.79e-02	-9.43e-02	-20.6	-0.1	0.8
12885	ok	0.0	0.7	1.98e-04	11.8	11.8	11.8	11.8	503.9	0.1	-6.47e-02	-18.5	-0.1	0.1
12886	ok	0.0	0.7	1.67e-04	11.8	11.8	11.8	11.8	525.1	0.1	-7.77e-02	-19.7	-0.1	0.5
12887	ok	0.0	0.6	2.86e-04	11.8	11.8	11.8	11.8	378.2	2.2	-1.2	-12.4	0.2	-5.8
12888	ok	0.0	0.7	2.48e-04	11.8	11.8	11.8	11.8	396.6	1.9	-0.8	-13.5	0.1	-4.8
12889	ok	0.0	0.5	4.73e-04	11.8	11.8	11.8	11.8	344.2	3.5	-2.1	-10.4	0.3	-7.3
12890	ok	0.0	0.5	1.48e-03	11.8	11.8	11.8	11.8	320.3	6.0	-6.1	-8.3	0.3	-8.6
12891	ok	0.0	0.5	2.01e-03	11.8	11.8	11.8	11.8	377.9	10.9	-15.7	-5.7	0.5	-10.8
12892	ok	0.0	0.5	1.62e-02	11.8	11.8	11.8	11.8	396.5	21.6	6.1	-4.9	1.1	-14.8
12893	ok	0.0	0.4	2.87e-02	11.8	11.8	11.8	11.8	-196.6	15.9	-62.7	-15.2	-4.7	20.3
12894	ok	0.0	1.0	5.86e-02	11.8	11.8	11.8	11.8	207.0	74.7	76.9	19.4	9.3	-27.2
12895	ok	0.0	1.0	0.2	14.8	11.8	14.8	11.8	-938.3	-645.9	451.5	82.3	39.9	-33.0
12896	ok	0.0	0.9	4.57e-02	11.8	11.8	11.8	11.8	-200.8	-147.2	-148.4	-8.6	72.5	8.7
12897	ok	0.0	0.3	1.73e-02	11.8	11.8	11.8	11.8	102.0	27.5	59.2	22.4	15.6	0.1
12898	ok	0.0	0.1	4.46e-03	11.8	11.8	11.8	11.8	-1.4	-5.9	-5.2	-0.8	-6.3	11.9
13080	ok	0.0	0.4	2.31e-02	11.8	11.8	11.8	11.8	-13.2	-106.8	-32.0	-3.5	17.6	-21.1
13207	ok	0.0	0.9	1.61e-02	20.3	44.7	31.0	50.7	-26.9	30.0	-14.2	194.0	307.8	-172.7
13208	ok	0.0	0.2	3.18e-03	11.8	11.8	11.8	11.8	-0.5	-0.7	8.10e-02	0.7	-15.0	3.1
13209	ok	0.0	0.7	1.01e-02	11.8	11.8	11.8	11.8	42.5	105.3	16.2	-1.0	63.3	4.4
13210	ok	0.0	0.3	9.02e-03	11.8	11.8	11.8	11.8	-7.6	69.1	-7.9	1.4	12.2	14.9
13211	ok	0.0	0.2	4.92e-03	11.8	11.8	11.8	11.8	-1.0	11.5	-3.58e-02	0.7	-16.4	5.2
13212	ok	0.0	0.9	1.66e-02	15.5	11.8	27.2	23.2	19.5	45.0	-25.4	26.7	199.1	-26.6
13213	ok	0.0	0.7	2.32e-02	11.8	11.8	11.8	11.8	215.2	93.4	136.5	56.3	21.9	-3.3
13214	ok	0.0	0.5	1.63e-02	11.8	11.8	11.8	11.8	-85.5	-23.9	-12.5	-43.0	14.8	51.3
13215	ok	0.0	1.0	1.17e-02	22.7	14.8	14.7	11.8	-55.8	40.2	2.8	-156.2	-56.0	77.9
13217	ok	0.0	0.4	1.14e-02	11.8	11.8	11.8	11.8	-46.2	-6.0	12.5	-33.6	-15.0	31.2
13218	ok	0.0	0.4	3.42e-03	11.8	11.8	11.8	11.8	-13.2	-2.9	15.9	-19.3	-19.0	29.8
13219	ok	0.0	0.3	2.41e-03	11.8	11.8	11.8	11.8	3.2	24.8	-18.9	-2.4	15.5	24.7
13220	ok	0.0	0.3	3.57e-03	11.8	11.8	11.8	11.8	-0.2	3.2	-2.0	-5.7	-15.6	16.8
13221	ok	0.0	0.2	6.06e-03	11.8	11.8	11.8	11.8	-1.73e-02	1.8	-10.3	-2.4	-7.4	19.8
13222	ok	0.0	0.2	1.18e-02	11.8	11.8	11.8	11.8	-1.0	-1.8	-9.6	-3.6	-13.5	17.6
13223	ok	0.0	0.2	1.53e-02	11.8	11.8	11.8	11.8	-26.5	-40.8	-46.0	-12.1	6.9	-8.7
13420	ok	0.0	6.09e-02	1.70e-04	11.8	11.8	11.8	11.8	-0.3	0.4	5.11e-02	-2.9	-4.5	1.3
13427	ok	0.0	6.80e-02	9.50e-04	11.8	11.8	11.8	11.8	0.4	-0.6	0.5	1.7	1.9	0.8
13434	ok	0.0	0.1	1.23e-03	11.8	11.8	11.8	11.8	6.9	0.5	-0.3	14.3	0.5	6.2
13441	ok	0.0	0.3	2.72e-03	11.8	11.8	11.8	11.8	-11.9	0.1	-1.4	38.1	0.1	4.9
13444	ok	0.0	0.2	1.51e-03	11.8	11.8	11.8	11.8	8.6	1.0	2.4	26.2	-0.3	3.8
13455	ok	0.0	0.2	5.90e-04	11.8	11.8	11.8	11.8	13.6	0.5	1.6	19.8	1.8	6.9
13458	ok	0.0	0.3	3.28e-03	11.8	11.8	11.8	11.8	-7.6	4.3	8.4	41.1	-1.1	-10.1
13469	ok	0.0	0.2	1.82e-03	11.8	11.8	11.8	11.8	-2.5	1.0	8.9	27.7	5.2	-3.3
13476	ok	0.0	0.2	1.45e-03	11.8	11.8	11.8	11.8	3.5	-2.5	-6.65e-02	17.9	12.3	10.4
13483	ok	0.0	0.2	2.31e-03	11.8	11.8	11.8	11.8	4.5	-0.5	-4.7	14.3	2.4	11.9
13490	ok	0.0	0.3	2.29e-03	11.8	11.8	11.8	11.8	11.9	7.0	-6.8	-11.2	-21.7	11.0
13493	ok	0.0	0.3	3.84e-03	11.8	11.8	11.8	11.8	-5.0	0.1	5.2	-13.2	-20.6	0.3
13592	ok	0.0	0.8	5.93e-04	11.8	11.8	11.8	11.8	-0.6	9.7	-0.2	0.5	-61.8	-52.3
13593	ok	0.0	0.9	6.67e-03	11.8	11.8	11.8	11.8	-11.3	-2.9	-15.0	-29.0	-12.7	-86.2
13594	ok	0.0	0.8	1.17e-03	11.8	11.8	11.8	11.8	6.4	12.0	-13.0	75.5	13.0	-37.2
13595	ok	0.0	0.8	2.88e-04	11.8	11.8	11.8	11.8	5.91e-02	17.6	0.4	1.7	-68.3	-45.6
13596	ok	0.0	0.7	6.96e-04	11.8	11.8	11.8	11.8	-1.1	8.2	-1.4	-6.89e-02	-54.4	-56.6
13597	ok	0.0	0.7	1.11e-03	11.8	11.8	11.8	11.8	-2.3	5.9	-3.4	-1.8	-42.2	-61.4
13598	ok	0.0	0.7	2.75e-03	11.8	11.8	11.8	11.8	-3.2	2.9	-7.5	-7.8	-25.6	-67.0
13599	ok	0.0	0.7	1.79e-03	11.8	11.8	11.8	11.8	-6.3	12.7	0.7	-25.8	-34.5	-55.3
13600	ok	0.0	0.7	3.06e-04	11.8	11.8	11.8	11.8	0.2	16.3	-0.2	1.7	-49.8	-55.5
13601	ok	0.0	0.8	2.89e-04	11.8	11.8	11.8	11.8	0.1	17.5	0.2	1.6	-60.9	-50.6
13602	ok	0.0	0.1	8.15e-04	11.8	11.8	11.8	11.8	-1.2	-2.1	1.1	-12.7	-0.7	4.4
13603	ok	0.0	0.6	1.67e-04	11.8	11.8	11.8	11.8	3.94e-02	20.5	1.21e-02	0.4	-68.7	-7.4
13604	ok	0.0	0.3	2.56e-04	11.8	11.8	11.8	11.8	1.3	22.1	-1.9	6.7	-28.1	-13.3
13605	ok	0.0	0.5	1.86e-04	11.8	11.8	11.8	11.8	0.5	21.4	-0.5	1.6	-48.9	-9.6
13606	ok	0.0	0.6	1.71e-04	11.8	11.8	11.8	11.8	0.1	21.2	-5.87e-02	0.6	-61.2	-8.2
13607	ok	0.0	0.5	3.91e-04	11.8	11.8	11.8	11.8	-1.72e-03	13.5	3.00e-03	0.5	-52.5	2.6
13608	ok	0.0	0.5	4.75e-04	11.8	11.8	11.8	11.8	4.14e-03	12.8	0.2	-2.17e-02	-52.7	10.7
13609	ok	0.0	0.4	7.23e-04	11.8	11.8	11.8	11.8	0.1	10.8	0.6	-7.9	-38.2	13.1
13610	ok	0.0	0.7	4.54e-04	11.8	11.8	11.8	11.8	-2.49e-04	11.6	9.81e-02	1.3	-66.2	43.2
13611	ok	0.0	0.5	4.01e-04	11.8	11.8	11.8	11.8	-8.27e-04	12.7	1.40e-03	0.4	-55.6	4.9
13612	ok	0.0	0.7	4.69e-04	11.8	11.8	11.8	11.8	-5.72e-03	11.8	0.1	0.6	-60.8	36.0
13616	ok	0.0	0.5	4.11e-04	11.8	11.8	11.8	11.8	-1.23e-03	13.1	1.64e-03	0.5	-53.6	3.7
13618	ok	0.0	0.3	0.0	11.8	11.8	11.8	11.8	16.3	2.0	-1.3	-24.2	-10.1	9.6
13619	ok	0.0	0.4	1.57e-02	11.8	11.8	11.8	11.8	-55.8	-3.4	2.6	-49.5	5.9	-16.6
13620	ok	0.0	0.6	4.98e-04	11.8	11.8	11.8	11.8	-3.06e-03	12.1	0.1	0.4	-56.3	26.1
13621	ok	0.0	0.6	1.71e-04	11.8	11.8	11.8	11.8	5.63e-04	16.3	7.28e-03	0.4	-64.5	-4.3
13622	ok	0.0	0.5	5.00e-04	11.8	11.8	11.8	11.8	1.22e-03	12.4	0.2	3.17e-02	-53.8	18.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13623	ok	0.0	0.5	8.54e-04	11.8	11.8	11.8	11.8	8.62e-02	10.5	0.3	-6.6	-42.4	33.1
13624	ok	0.0	0.4	7.87e-04	11.8	11.8	11.8	11.8	0.1	10.7	0.4	-7.4	-39.3	23.3
13625	ok	0.0	0.6	1.66e-04	11.8	11.8	11.8	11.8	1.17e-02	19.5	1.63e-02	0.3	-72.2	-6.8
13626	ok	0.0	0.6	1.67e-04	11.8	11.8	11.8	11.8	4.09e-03	18.4	1.27e-02	0.3	-72.1	-6.0
13627	ok	0.0	0.6	1.66e-04	11.8	11.8	11.8	11.8	1.54e-03	17.3	9.25e-03	0.4	-69.1	-5.2
13628	ok	0.0	0.6	3.16e-04	11.8	11.8	11.8	11.8	8.18e-03	15.1	0.4	0.7	-64.4	-22.2
13629	ok	0.0	0.8	2.85e-04	11.8	11.8	11.8	11.8	3.53e-02	17.2	0.4	1.6	-71.9	-40.6
13630	ok	0.0	0.7	2.85e-04	11.8	11.8	11.8	11.8	2.40e-02	16.5	0.5	1.4	-71.8	-35.2
13631	ok	0.0	0.7	2.81e-04	11.8	11.8	11.8	11.8	1.33e-02	15.8	0.4	1.1	-68.9	-29.1
13632	ok	0.0	0.6	6.56e-04	11.8	11.8	11.8	11.8	3.92e-02	10.9	0.9	-3.9	-53.6	-28.0
13633	ok	0.0	0.8	5.52e-04	11.8	11.8	11.8	11.8	-0.3	10.5	0.4	8.59e-02	-64.8	-47.7
13634	ok	0.0	0.7	5.89e-04	11.8	11.8	11.8	11.8	-9.92e-02	10.8	0.7	-1.0	-63.8	-42.5
13635	ok	0.0	0.6	6.51e-04	11.8	11.8	11.8	11.8	-1.67e-02	10.9	0.9	-2.4	-59.7	-35.7
13636	ok	0.0	0.7	8.26e-04	11.8	11.8	11.8	11.8	5.88e-02	9.8	0.3	-2.4	-56.8	53.4
13637	ok	0.0	0.5	3.61e-04	11.8	11.8	11.8	11.8	-1.56e-03	13.9	3.99e-03	0.5	-53.3	1.7
13638	ok	0.0	0.6	2.78e-04	11.8	11.8	11.8	11.8	-8.10e-04	12.1	1.56e-03	0.4	-66.8	6.9
13639	ok	0.0	0.6	8.44e-04	11.8	11.8	11.8	11.8	5.45e-02	9.8	0.4	-4.8	-49.3	44.3
13640	ok	0.0	0.5	2.30e-04	11.8	11.8	11.8	11.8	-1.02e-04	15.4	5.54e-03	0.4	-59.7	-3.3
13641	ok	0.0	0.5	2.95e-04	11.8	11.8	11.8	11.8	-5.17e-04	14.6	4.20e-03	0.5	-55.6	-2.2
13642	ok	0.0	0.5	4.29e-04	11.8	11.8	11.8	11.8	7.31e-03	13.2	0.2	0.4	-53.5	2.8
13643	ok	0.0	0.5	3.29e-04	11.8	11.8	11.8	11.8	5.39e-03	14.4	0.3	0.6	-59.8	-14.3
13644	ok	0.0	0.5	3.63e-04	11.8	11.8	11.8	11.8	6.14e-03	13.7	0.3	0.4	-55.7	-6.3
13645	ok	0.0	0.3	6.97e-04	11.8	11.8	11.8	11.8	0.1	10.9	0.7	-7.9	-38.9	3.2
13646	ok	0.0	0.5	6.69e-04	11.8	11.8	11.8	11.8	7.57e-02	10.8	0.9	-5.5	-47.6	-19.0
13647	ok	0.0	0.4	6.84e-04	11.8	11.8	11.8	11.8	8.91e-02	10.6	0.8	-7.0	-42.4	-8.7
13648	ok	0.0	0.5	3.43e-04	11.8	11.8	11.8	11.8	-7.80e-04	12.4	1.73e-03	0.4	-60.9	6.1
13649	ok	0.0	0.6	2.29e-04	11.8	11.8	11.8	11.8	-9.23e-04	11.9	1.58e-03	0.3	-68.3	7.2
13650	ok	0.0	0.8	5.06e-04	11.8	11.8	11.8	11.8	8.91e-03	11.4	7.51e-02	1.9	-68.5	47.7
13651	ok	0.0	0.8	8.04e-04	11.8	11.8	11.8	11.8	6.45e-02	9.7	0.2	-1.0	-59.9	57.8
13652	ok	0.0	0.6	1.90e-04	11.8	11.8	11.8	11.8	-1.18e-03	11.8	1.62e-04	0.3	-69.1	7.8
13653	ok	0.0	0.8	4.90e-04	11.8	11.8	11.8	11.8	5.11e-03	11.3	2.94e-02	2.3	-69.4	50.1
13654	ok	0.0	0.8	8.06e-04	11.8	11.8	12.5	11.8	2.15e-02	10.1	5.73e-02	4.1	-64.0	63.6
13655	ok	0.0	0.6	2.01e-04	11.8	11.8	11.8	11.8	-2.43e-04	11.8	-2.77e-03	0.1	-68.0	8.4
13656	ok	0.0	0.8	3.08e-04	11.8	11.8	12.0	11.8	7.24e-03	11.3	3.68e-03	2.1	-68.6	53.5
13657	ok	0.0	0.3	9.95e-04	11.8	11.8	11.8	11.8	0.2	8.2	0.8	-8.0	-28.7	-10.2
13658	ok	0.0	1.0	5.19e-04	11.8	11.8	11.8	12.2	-0.2	7.6	-0.4	0.4	123.1	2.3
13659	ok	0.0	0.8	4.34e-04	11.8	11.8	12.1	11.8	-1.19e-02	11.3	-1.37e-02	2.5	-63.9	59.7
13660	ok	0.0	0.8	4.75e-04	11.8	11.8	11.8	11.8	-3.41e-03	11.3	-1.62e-02	3.7	-55.4	61.2
13661	ok	0.0	0.7	4.58e-04	11.8	11.8	11.8	11.8	-8.79e-03	11.3	-3.49e-02	4.4	-39.1	60.4
13662	ok	0.0	0.5	4.07e-04	11.8	11.8	11.8	11.8	2.72e-02	11.3	-6.10e-02	6.6	-14.2	60.5
13663	ok	0.0	0.2	9.93e-04	11.8	11.8	11.8	11.8	0.2	8.9	0.6	-9.5	-25.7	2.2
13664	ok	0.0	0.3	9.77e-04	11.8	11.8	11.8	11.8	0.2	9.2	0.5	-9.8	-26.3	12.4
13665	ok	0.0	0.4	9.61e-04	11.8	11.8	11.8	11.8	0.2	9.3	0.6	-8.6	-27.3	22.6
13666	ok	0.0	1.0	3.57e-04	11.8	11.8	11.8	15.0	9.40e-02	10.9	0.3	-1.7	146.0	6.2
13667	ok	0.0	0.8	2.62e-04	11.8	11.8	11.8	11.8	-0.7	16.9	-2.1	3.4	99.2	5.9
13668	ok	0.0	0.5	3.18e-04	11.8	11.8	11.8	11.8	6.26e-02	16.7	-2.3	1.3	50.2	14.5
13669	ok	0.0	0.3	2.95e-04	11.8	11.8	11.8	11.8	-0.3	5.8	2.5	-4.4	-29.3	8.6
13670	ok	0.0	0.4	1.59e-04	11.8	11.8	11.8	11.8	-1.06e-03	11.9	-4.44e-03	0.3	-39.9	9.6
13671	ok	0.0	0.5	1.51e-04	11.8	11.8	11.8	11.8	-6.37e-04	11.8	-7.10e-04	0.2	-55.6	9.6
13672	ok	0.0	0.6	1.53e-04	11.8	11.8	11.8	11.8	-3.44e-04	11.8	-8.64e-04	0.2	-64.3	9.2
13673	ok	0.0	0.3	3.18e-04	11.8	11.8	11.8	11.8	0.6	1.0	-1.40e-02	1.9	33.6	5.0
13674	ok	0.0	0.2	1.31e-02	11.8	11.8	11.8	11.8	-45.4	-4.5	3.6	-28.9	0.7	-7.2
13675	ok	0.0	0.2	1.25e-02	11.8	11.8	11.8	11.8	-42.6	-1.5	4.3	-26.4	0.7	-4.1
13676	ok	0.0	8.98e-02	2.27e-03	11.8	11.8	11.8	11.8	-5.0	0.8	4.2	0.1	-3.0	-6.2
13680	ok	0.0	0.5	1.50e-02	11.8	11.8	11.8	11.8	-90.7	-5.8	-27.7	46.3	-28.2	-37.8
13681	ok	0.0	0.4	1.38e-02	11.8	11.8	11.8	11.8	-41.3	-2.7	-16.4	-17.7	-8.7	-34.0
13682	ok	0.0	0.5	1.46e-02	11.8	11.8	11.8	11.8	3.3	3.7	-11.5	-25.4	-7.9	-50.8
13683	ok	0.0	0.4	8.65e-03	11.8	11.8	11.8	11.8	-20.8	-3.6	-15.8	20.5	-29.6	-39.3
13684	ok	0.0	0.4	6.78e-03	11.8	11.8	11.8	11.8	-17.2	9.20e-02	-10.6	-2.5	-23.5	-40.0
13685	ok	0.0	0.6	5.25e-03	11.8	11.8	11.8	11.8	-10.6	0.5	-10.1	-13.1	-21.0	-53.8
13686	ok	0.0	0.5	4.41e-03	11.8	11.8	11.8	11.8	-10.8	-1.2	-6.7	8.3	-34.5	-43.6
13687	ok	0.0	0.6	2.84e-03	11.8	11.8	11.8	11.8	-6.0	1.4	-6.4	-0.6	-34.8	-50.3
13688	ok	0.0	0.5	2.51e-03	11.8	11.8	11.8	11.8	-5.8	-0.2	-4.6	5.9	-42.7	-41.6
13689	ok	0.0	0.6	1.52e-03	11.8	11.8	11.8	11.8	-3.4	3.0	-3.4	1.1	-49.6	-49.1
13690	ok	0.0	0.6	1.42e-03	11.8	11.8	11.8	11.8	-3.3	1.1	-2.7	5.9	-47.2	-42.0
13691	ok	0.0	0.7	9.69e-04	11.8	11.8	11.8	11.8	-1.8	4.6	-1.5	1.6	-57.1	-47.3
13692	ok	0.0	0.6	1.16e-03	11.8	11.8	11.8	11.8	-1.9	2.4	-1.4	5.5	-47.8	-40.9
13693	ok	0.0	0.7	8.57e-04	11.8	11.8	11.8	11.8	-0.9	6.1	-0.4	1.1	-59.4	-44.5
13694	ok	0.0	0.5	1.07e-03	11.8	11.8	11.8	11.8	-1.0	3.6	-0.4	4.6	-44.6	-38.2
13695	ok	0.0	0.7	8.35e-04	11.8	11.8	11.8	11.8	-0.4	7.2	0.3	-0.9	-59.5	-41.3
13696	ok	0.0	0.6	1.01e-03	11.8	11.8	11.8	11.8	-0.2	6.2	0.5	-1.1	-48.7	-36.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13697	ok	0.0	0.5	1.01e-03	11.8	11.8	11.8	11.8	-1.29e-02	7.2	0.7	-2.8	-41.3	-29.4
13698	ok	0.0	0.4	1.01e-03	11.8	11.8	11.8	11.8	0.1	7.7	0.8	-5.5	-34.4	-20.7
13699	ok	0.0	0.8	7.60e-04	11.8	11.8	12.2	11.8	7.85e-02	10.1	0.1	0.9	-63.7	60.9
13700	ok	0.0	0.2	1.81e-04	11.8	11.8	11.8	11.8	0.1	1.7	-6.54e-03	0.3	18.8	-0.5
14047	ok	0.0	1.0	9.11e-02	11.8	25.5	11.8	14.8	451.6	152.5	96.8	109.1	30.3	61.2
14048	ok	0.0	1.0	9.46e-02	11.8	13.1	11.8	11.9	347.3	-42.6	42.1	56.2	-12.3	-2.7
14052	ok	0.0	0.3	2.18e-02	11.8	11.8	11.8	11.8	68.7	-6.9	1.8	-27.2	2.2	1.2
14053	ok	0.0	0.4	2.04e-02	11.8	11.8	11.8	11.8	82.9	4.6	-10.1	-36.2	-6.82e-02	-2.7
15995	ok	0.0	0.1	7.62e-03	5.7	5.7	5.7	5.7	5.6	-11.9	24.8	1.8	3.7	-3.2
15996	ok	0.0	0.1	9.28e-03	5.7	5.7	5.7	5.7	1.2	-12.7	29.3	2.7	0.4	-3.7
15997	ok	0.0	0.2	1.18e-02	5.7	5.7	5.7	5.7	7.6	-18.3	30.7	4.5	-0.7	-3.2
15998	ok	0.0	0.1	7.48e-03	5.7	5.7	5.7	5.7	10.3	-8.9	21.4	1.8	6.5	-2.0
16145	ok	0.0	0.2	1.10e-02	5.7	5.7	5.7	5.7	-21.7	-7.5	15.6	6.8	-4.9	-1.8
16146	ok	0.0	0.2	1.05e-02	5.7	5.7	5.7	5.7	-30.3	5.8	-6.5	9.9	-3.3	-0.8
16147	ok	0.0	0.5	1.47e-02	5.7	5.7	5.7	5.7	22.2	-38.6	3.7	14.1	8.3	1.7
16148	ok	0.0	1.0	2.20e-02	5.7	5.7	5.7	5.7	13.3	-105.8	3.6	16.8	33.3	6.1
16183	ok	0.0	0.1	6.18e-03	5.7	5.7	5.7	5.7	5.7	-9.4	23.2	2.1	5.3	-3.8
16184	ok	0.0	0.2	7.59e-03	5.7	5.7	5.7	5.7	1.4	-25.5	23.0	1.3	-2.4	-4.2
16185	ok	0.0	0.2	9.93e-03	5.7	5.7	5.7	5.7	-2.0	-15.0	8.1	3.0	-4.7	-4.9
16186	ok	0.0	0.2	7.49e-03	5.7	5.7	5.7	5.7	7.9	-15.2	20.0	2.3	9.0	-2.3
16289	ok	0.0	0.2	1.02e-02	5.7	5.7	5.7	5.7	-15.9	20.5	-15.6	4.3	-5.0	0.6
16292	ok	0.0	0.6	1.72e-02	5.7	5.7	5.7	5.7	20.3	56.3	22.7	1.4	18.3	-0.6
16293	ok	0.0	0.3	6.73e-03	5.7	5.7	5.7	5.7	5.7	-15.4	19.8	2.5	11.4	-0.8
16294	ok	0.0	0.2	7.25e-03	5.7	5.7	5.7	5.7	9.9	-10.3	22.3	1.8	7.5	-0.6
16640	ok	0.0	0.4	1.54e-02	11.8	11.8	11.8	11.8	-42.7	0.4	9.0	-28.1	0.3	-12.1
16641	ok	0.0	0.3	1.23e-02	11.8	11.8	11.8	11.8	59.5	2.2	-7.7	-25.9	-0.2	-9.4
16646	ok	0.0	0.2	1.03e-02	11.8	11.8	11.8	11.8	5.9	1.7	0.3	-22.6	-0.9	-10.7
16647	ok	0.0	0.4	8.40e-03	11.8	11.8	11.8	11.8	-10.3	-1.4	5.0	-20.6	-19.6	-29.3
16648	ok	0.0	1.0	9.05e-03	11.8	14.1	11.8	12.9	-2.3	-1.5	6.0	80.2	69.7	-63.3
16649	ok	0.0	0.3	8.61e-03	11.8	11.8	11.8	11.8	-42.2	1.6	-7.6	-15.5	-1.1	25.8
16650	ok	0.0	0.2	1.03e-02	11.8	11.8	11.8	11.8	-63.2	-2.0	4.8	-20.1	1.0	17.3
16651	ok	0.0	0.2	1.18e-02	11.8	11.8	11.8	11.8	-74.0	-3.8	5.1	-25.1	0.1	8.3
16652	ok	0.0	0.2	1.33e-02	11.8	11.8	11.8	11.8	-68.7	-4.1	-9.3	-27.6	-0.4	-7.8
16653	ok	0.0	0.2	1.45e-02	11.8	11.8	11.8	11.8	-71.5	-5.2	-11.5	-25.7	-0.5	-14.2
16654	ok	0.0	0.3	1.53e-02	11.8	11.8	11.8	11.8	-97.0	-8.8	7.3	-25.3	-0.3	-22.9
16655	ok	0.0	0.6	1.50e-02	11.8	11.8	11.8	11.8	15.6	11.2	6.4	-38.1	-36.8	-31.4
16656	ok	0.0	0.9	1.25e-02	11.8	11.8	11.8	11.9	-44.5	-5.8	10.4	58.9	64.8	-58.9
16667	ok	0.0	0.5	2.41e-02	11.8	11.8	11.8	11.8	-78.8	-7.3	23.7	-3.9	58.1	-29.6
16668	ok	0.0	0.9	2.11e-02	12.5	11.8	11.8	11.8	32.9	10.9	-14.4	-43.0	-25.0	-78.4
16669	ok	0.0	0.4	9.47e-03	11.8	11.8	11.8	11.8	-18.2	12.6	-9.9	43.8	0.2	14.3
16670	ok	0.0	0.4	1.68e-02	11.8	11.8	11.8	11.8	-54.4	5.3	12.8	-34.2	-15.4	-24.7
16671	ok	0.0	0.5	1.95e-02	11.8	11.8	11.8	11.8	19.6	10.6	-11.5	-30.3	0.5	-41.1
16711	ok	0.0	1.0	9.12e-03	11.8	20.1	11.8	18.6	-39.6	-6.3	-10.4	110.0	92.1	96.8
16712	ok	0.0	0.7	8.44e-03	11.8	11.8	11.8	11.8	5.3	7.7	0.3	-15.6	-59.9	34.6
16962	ok	0.0	0.4	1.61e-02	5.7	5.7	5.7	5.7	13.1	34.2	13.8	13.8	6.4	-2.2
16991	ok	0.0	0.3	1.74e-02	5.7	5.7	5.7	5.7	-30.4	-35.6	17.6	13.1	-7.6	-3.6
16992	ok	0.0	0.2	1.64e-02	5.7	5.7	5.7	5.7	-44.9	-58.5	-2.1	12.0	-3.6	-1.4
16993	ok	0.0	0.4	1.58e-02	5.7	5.7	5.7	5.7	12.9	-44.9	15.3	12.8	7.2	-0.8
16994	ok	0.0	1.0	2.11e-02	5.7	8.5	7.1	8.5	59.5	-4.12e-02	62.5	8.9	19.6	10.8
16995	ok	0.0	0.2	8.88e-03	5.7	5.7	5.7	5.7	8.4	22.6	17.3	1.0	6.6	-3.4
16996	ok	0.0	0.2	8.69e-03	5.7	5.7	5.7	5.7	2.8	-18.7	11.8	0.9	1.2	-4.2
16997	ok	0.0	0.2	1.25e-02	5.7	5.7	5.7	5.7	5.8	-40.1	-3.8	-1.7	-6.6	-3.4
16998	ok	0.0	0.5	1.65e-02	5.7	5.7	5.7	5.7	16.3	56.2	23.8	1.3	13.0	-2.0
16999	ok	0.0	0.4	1.41e-02	5.7	5.7	5.7	5.7	14.5	-14.3	10.7	11.2	3.1	-2.6
17000	ok	0.0	0.4	1.56e-02	5.7	5.7	5.7	5.7	-13.5	31.2	-9.7	-9.3	-4.0	3.9
17001	ok	0.0	0.4	1.94e-02	5.7	5.7	5.7	5.7	-9.4	28.5	-10.5	-11.9	-3.4	6.0
17002	ok	0.0	0.6	2.88e-02	5.7	5.7	5.7	5.7	32.5	-112.3	-15.8	13.0	21.1	-2.4
17003	ok	0.0	0.1	8.12e-03	5.7	5.7	5.7	5.7	-4.3	-14.5	27.8	4.6	1.2	-2.2
17004	ok	0.0	0.1	9.76e-03	5.7	5.7	5.7	5.7	-0.8	12.1	31.6	4.3	0.7	-2.4
17005	ok	0.0	0.2	1.46e-02	5.7	5.7	5.7	5.7	1.8	-13.9	16.1	7.9	2.7	-1.0
17006	ok	0.0	0.2	8.46e-03	5.7	5.7	5.7	5.7	5.0	15.7	-15.3	4.2	-4.8	-0.8
17007	ok	0.0	0.3	1.24e-02	5.7	5.7	5.7	5.7	-28.2	23.5	-0.6	-1.6	-4.5	3.3
17008	ok	0.0	0.3	1.39e-02	5.7	5.7	5.7	5.7	13.4	-45.2	20.3	8.0	-2.0	3.1
17009	ok	0.0	0.4	1.52e-02	5.7	5.7	5.7	5.7	13.6	-25.2	13.0	11.1	8.2	2.1
17010	ok	0.0	0.8	1.68e-02	5.7	5.7	5.7	5.7	5.2	-28.8	44.0	15.3	33.6	7.26e-02
17079	ok	0.0	0.4	1.30e-02	5.7	5.7	5.7	5.7	18.3	36.0	9.3	12.0	8.0	-0.4
17085	ok	0.0	0.2	5.58e-03	5.7	5.7	5.7	5.7	3.5	9.4	-17.4	4.6	-7.7	-0.2
17086	ok	0.0	0.3	8.29e-03	5.7	5.7	5.7	5.7	-15.1	8.1	-17.4	4.2	-9.0	0.7
17087	ok	0.0	0.2	6.51e-03	5.7	5.7	5.7	5.7	-4.2	-7.3	27.0	6.0	-0.4	-0.3
17088	ok	0.0	0.2	8.17e-03	5.7	5.7	5.7	5.7	0.7	18.4	31.4	6.5	2.1	-0.6
17095	ok	0.0	0.3	1.17e-02	5.7	5.7	5.7	5.7	8.1	37.3	16.9	9.8	3.8	-0.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
17098	ok	0.0	1.0	3.96e-02	5.7	5.7	8.0	5.7	27.6	233.2	23.1	-23.5	-27.9	1.0
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-938.26	-925.45	-195.68	-156.24	-235.05	-422.92
		0.0	1.00	0.17	111.17	112.77	182.71	193.56	550.96	403.84	451.55	477.76	810.12	262.54

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
4749	ok Av	14.11	0.15	0.47	4.9	15.5	79.0	251.7
5598	ok	1.20						
5599	ok	1.41						
5602	ok	0.55						
5603	ok	0.76						
5604	ok	0.56						
5605	ok	1.04						
5606	ok	2.79						
5607	ok	1.86						
5615	ok	2.33						
5618	ok	2.64						
5619	ok	3.09						
5622	ok	1.69						
5623	ok	1.70						
5627	ok	0.0						
5628	ok	2.45						
5629	ok	2.03						
5630	ok	3.41						
5631	ok	0.0						
5632	ok	0.0						
5633	ok	0.0						
5634	ok	4.69						
5635	ok	1.26						
5636	ok	1.75						
5640	ok	1.85						
5641	ok	2.26						
5642	ok	3.40						
5643	ok	3.21						
5644	ok	3.48						
5645	ok	3.26						
5646	ok	0.89						
5647	ok	0.68						
5649	ok	0.0						
5650	ok	3.81						
5651	ok	3.01						
5654	ok	3.16						
5655	ok	2.72						
5847	ok	1.68						
5848	ok	2.11						
5849	ok	0.95						
5850	ok	1.22						
5851	ok	3.15						
5852	ok	3.49						
5853	ok	0.0						
5854	ok	3.38						
5858	ok	2.23						
5859	ok	1.58						
5860	ok	0.63						
5861	ok	1.11						
5864	ok	0.33						
5865	ok	3.67						
5866	ok	1.79						
5867	ok	0.0						
5868	ok	2.75						
5872	ok Av	16.72	0.42	0.39	13.8	13.1	351.8	333.6
5873	ok	2.38						
5874	ok	1.95						
5875	ok	3.26						
5883	ok	2.39						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5884	ok	1.93						
5885	ok	1.61						
5886	ok	1.94						
5887	ok	4.85						
5890	ok	1.13						
5891	ok	0.99						
5892	ok	1.10						
5893	ok Av	5.77	0.20	0.03	6.5	0.9	165.9	24.0
5894	ok	1.08						
5897	ok Av	5.87	0.04	0.20	1.3	6.5	34.3	166.8
5898	ok	0.71						
5899	ok	1.48						
5900	ok	1.28						
5901	ok	1.47						
5904	ok	0.45						
5905	ok	0.36						
5906	ok	0.42						
5907	ok	0.37						
5908	ok	0.60						
5914	ok	0.86						
5915	ok	0.44						
5916	ok	0.60						
5917	ok	0.78						
5918	ok	0.48						
5919	ok	0.67						
5921	ok	0.84						
5922	ok	0.75						
5923	ok	0.42						
5924	ok	0.57						
5925	ok	1.16						
5928	ok	0.60						
5929	ok	0.85						
5930	ok	0.93						
5931	ok	0.49						
5932	ok	0.69						
5936	ok	1.48						
5937	ok	0.65						
5938	ok	0.74						
5939	ok	1.05						
5940	ok	1.82						
5941	ok	0.85						
5946	ok	1.24						
5947	ok	1.88						
5948	ok	0.89						
5949	ok	1.32						
5950	ok	1.87						
5953	ok	0.87						
5954	ok	1.29						
5955	ok	0.0						
5956	ok	1.72						
5957	ok	0.93						
5964	ok	1.29						
5965	ok	0.60						
5966	ok	4.42						
5967	ok	0.58						
5970	ok	0.64						
5971	ok	1.75						
5972	ok	2.15						
5973	ok	2.06						
5979	ok	0.0						
5980	ok	0.0						
5981	ok	0.65						
5982	ok	0.87						
5987	ok	1.91						
5988	ok	1.26						
5989	ok	1.68						
5990	ok	2.04						
5996	ok	1.56						
5997	ok	4.18						
5998	ok	0.79						
6001	ok	1.31						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6002	ok	1.19						
6003	ok	1.34						
6004	ok	0.71						
6018	ok	1.54						
6019	ok	0.88						
6020	ok	1.17						
6026	ok	1.46						
6027	ok	0.93						
6034	ok	1.16						
6041	ok	1.17						
6102	ok	0.97						
6121	ok	1.23						
6122	ok	0.75						
6596	ok	0.74						
6600	ok	0.92						
6601	ok	0.58						
6602	ok	0.59						
6603	ok	0.74						
6604	ok	0.68						
6605	ok	0.82						
6607	ok	1.03						
6608	ok	1.82						
6609	ok	0.0						
6611	ok	1.39						
6612	ok	0.85						
6613	ok	0.54						
6958	ok	2.47						
7188	ok	2.35						
7201	ok	0.57						
7300	ok	1.02						
7303	ok	0.0						
7304	ok Av	7.22	0.05	0.24	1.6	8.0	39.9	205.5
7308	ok	1.15						
7309	ok	0.0						
7311	ok	0.0						
7312	ok	0.92						
8592	ok	1.56						
8593	ok	1.06						
8594	ok	0.86						
8595	ok	1.61						
8596	ok	1.17						
8597	ok	0.91						
8598	ok	1.31						
8599	ok	1.08						
8600	ok	0.96						
8601	ok	1.52						
8602	ok	1.19						
8603	ok	0.72						
8604	ok	0.92						
8699	ok	0.75						
8709	ok	1.05						
8794	ok	0.60						
8795	ok	1.57						
8796	ok	0.98						
8802	ok	0.40						
8809	ok	1.43						
8810	ok	0.84						
8816	ok	1.44						
8821	ok	0.36						
8824	ok	0.44						
8826	ok	0.0						
8831	ok	0.64						
9145	ok	0.83						
9146	ok	0.70						
9147	ok	0.75						
9148	ok	0.83						
9149	ok	0.88						
9150	ok	0.97						
9151	ok	1.12						
9152	ok	0.80						
9153	ok	0.86						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9154	ok	0.96						
9155	ok	0.82						
9156	ok	1.21						
9157	ok	1.01						
9158	ok	0.92						
9162	ok	2.50						
9163	ok	0.93						
9164	ok	1.16						
9165	ok Av	10.62	0.30	0.28	9.9	9.4	252.2	240.7
9166	ok	0.0						
9167	ok	0.0						
9169	ok	0.44						
9170	ok Av	7.11	0.05	0.24	1.5	8.0	38.9	203.9
9171	ok	0.43						
9176	ok Av	9.38	0.29	0.14	9.6	4.7	244.0	120.1
9430	ok	1.03						
9894	ok	0.78						
9895	ok	0.52						
9896	ok	1.37						
9897	ok	1.58						
9898	ok	0.61						
9899	ok	0.58						
9900	ok	0.55						
9901	ok	0.70						
9902	ok	0.87						
9903	ok	1.09						
9904	ok	1.34						
9905	ok	1.41						
9906	ok	2.35						
9907	ok	1.38						
9908	ok	0.90						
9909	ok	0.74						
9910	ok	1.12						
9911	ok	0.91						
9912	ok	0.72						
9913	ok	1.27						
9914	ok	0.92						
9915	ok	0.74						
9916	ok	1.28						
9917	ok	0.95						
9918	ok	0.73						
9919	ok	1.86						
9920	ok	1.17						
9921	ok	1.34						
9922	ok	1.00						
9923	ok	2.57						
9924	ok	1.41						
9925	ok	1.27						
9926	ok	1.61						
9927	ok	1.98						
9928	ok	1.13						
9929	ok	0.94						
9930	ok	0.98						
9931	ok	1.17						
9932	ok	1.26						
9933	ok	1.35						
9934	ok Av	9.63	0.33	0.08	10.9	2.8	278.3	71.0
9935	ok	2.21						
9936	ok Av	8.31	0.28	0.05	9.4	1.7	238.9	44.6
9937	ok Av	14.09	0.33	0.36	10.9	12.0	278.5	306.8
9938	ok	3.20						
9939	ok	2.64						
9940	ok	2.05						
9941	ok	2.02						
9942	ok Av	8.46	0.08	0.29	2.5	9.6	65.0	243.9
9943	ok	3.18						
9944	ok	2.11						
9945	ok	2.26						
9947	ok	1.59						
9948	ok	2.83						
9952	ok	3.38						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9953	ok	1.55						
9954	ok Av	5.19	0.06	0.17	2.1	5.5	52.7	140.8
9955	ok	2.64						
9956	ok Av	11.67	0.05	0.40	1.5	13.2	39.1	338.1
9957	ok	2.94						
9960	ok	1.57						
9961	ok	1.85						
9962	ok	1.97						
9968	ok Av	5.17	0.15	0.10	5.0	3.4	126.9	86.3
9969	ok	4.02						
9970	ok	3.03						
9971	ok	2.56						
9972	ok	2.60						
9973	ok	1.84						
9974	ok	4.49						
9975	ok	1.39						
9976	ok	2.61						
9977	ok	1.44						
9979	ok	0.54						
9980	ok	0.68						
9981	ok	0.77						
9985	ok	1.31						
9986	ok	0.95						
9987	ok	0.72						
9988	ok	1.19						
9989	ok	0.88						
9990	ok	0.64						
9991	ok	1.17						
9992	ok	0.93						
9993	ok	0.68						
9994	ok	3.37						
9995	ok	1.37						
9996	ok	3.56						
9997	ok	3.54						
9998	ok	1.82						
9999	ok	1.50						
10000	ok	1.21						
10001	ok	1.07						
10002	ok	1.53						
10003	ok	1.53						
10004	ok	1.20						
10005	ok	1.18						
10008	ok	1.05						
10009	ok	1.10						
10010	ok	1.01						
10013	ok	1.18						
10014	ok	0.86						
10015	ok	1.06						
10016	ok	0.83						
10017	ok	0.56						
10018	ok	0.69						
10019	ok	0.79						
10020	ok	0.55						
10021	ok	0.67						
10038	ok	3.15						
10039	ok	1.53						
10040	ok	2.06						
10041	ok	1.76						
10043	ok	1.69						
10044	ok	1.23						
10045	ok	0.84						
10050	ok	4.78						
10051	ok	2.03						
10052	ok	2.94						
10053	ok	2.75						
10054	ok	2.58						
10055	ok	2.54						
10056	ok	3.38						
10057	ok	2.42						
10058	ok	1.95						
10059	ok	1.85						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10060	ok	1.76						
10061	ok	1.66						
10062	ok	2.35						
10063	ok	2.41						
10064	ok	2.35						
10065	ok	2.23						
10066	ok	2.26						
10067	ok	2.14						
10068	ok	2.06						
10069	ok	1.94						
10070	ok	1.08						
10071	ok	1.21						
10072	ok	2.15						
10073	ok	2.30						
10074	ok	2.55						
10075	ok	2.77						
10076	ok	1.02						
10077	ok	0.96						
10078	ok	1.29						
10079	ok	1.76						
10080	ok	0.0						
10081	ok	0.0						
10082	ok	1.23						
10083	ok	1.40						
10084	ok	0.0						
10085	ok	3.05						
10086	ok	1.81						
10087	ok	1.16						
10088	ok	1.64						
10089	ok	0.80						
10090	ok	1.59						
10091	ok	1.22						
10092	ok	0.86						
10093	ok	1.39						
10094	ok	1.11						
10095	ok	1.69						
10096	ok	0.0						
10097	ok	0.93						
10098	ok	2.53						
10099	ok	0.0						
10100	ok	2.75						
10101	ok	0.0						
10102	ok	2.07						
10103	ok	0.0						
10104	ok	0.0						
10105	ok	0.0						
10106	ok	0.0						
10107	ok	0.0						
10108	ok	0.0						
10109	ok	2.12						
10110	ok Av	11.52	0.12	0.39	3.9	13.1	100.4	333.5
10111	ok	1.76						
10112	ok Av	5.91	0.10	0.19	3.5	6.1	67.3	146.0
10113	ok	4.20						
10114	ok Av	7.51	0.04	0.25	1.5	8.4	37.4	214.4
10115	ok	2.73						
10116	ok	2.03						
10117	ok	2.07						
10118	ok	3.01						
10119	ok	4.61						
10120	ok	2.62						
10121	ok	2.48						
10122	ok	1.66						
10123	ok	1.14						
10124	ok	1.14						
10125	ok	2.68						
10126	ok	0.91						
10127	ok	0.97						
10128	ok	1.13						
10129	ok	1.25						
10130	ok	1.51						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10131	ok	1.11						
10132	ok	1.21						
10133	ok	1.13						
10134	ok	0.99						
10135	ok	1.79						
10136	ok	1.34						
10137	ok	1.30						
10138	ok	1.76						
10139	ok	1.33						
10140	ok	1.20						
10141	ok	1.44						
10142	ok	1.55						
10143	ok	1.64						
10144	ok	1.71						
10145	ok	1.53						
10146	ok Av	11.15	0.38	0.13	12.6	4.4	322.7	111.4
10147	ok	1.66						
10148	ok Av	26.23	0.57	0.89	19.0	29.7	485.4	481.1
10149	ok Av	9.98	0.32	0.11	10.7	3.7	273.4	94.6
10150	ok	3.85						
10151	ok Av	7.96	0.15	0.25	4.9	8.4	126.1	215.1
10152	ok Av	28.59	0.78	0.59	25.8	19.7	659.6	502.5
10153	ok Av	6.91	0.17	0.17	5.7	5.5	145.3	140.1
10154	ok	3.38						
10155	ok	1.60						
10156	ok	1.57						
10157	ok	0.90						
10158	ok	0.85						
10159	ok	1.56						
10160	ok Av	11.19	0.30	0.31	10.1	10.3	257.4	264.1
10161	ok Av	6.65	0.22	0.05	7.4	1.6	188.5	41.0
10162	ok	1.66						
10163	ok	4.29						
10164	ok Av	11.72	0.39	0.15	12.9	4.9	328.7	124.2
10165	ok	2.68						
10166	ok	1.67						
10167	ok	1.13						
10168	ok	1.04						
10169	ok	2.87						
10170	ok	2.62						
10171	ok	1.54						
10172	ok	3.73						
10173	ok	2.03						
10174	ok	1.29						
10175	ok	1.24						
10176	ok	1.19						
10177	ok	1.15						
10178	ok	1.49						
10179	ok	1.43						
10180	ok	1.36						
10181	ok	1.28						
10182	ok	1.47						
10183	ok	1.70						
10184	ok	1.77						
10185	ok	1.23						
10186	ok	1.31						
10187	ok	1.32						
10188	ok	1.34						
10189	ok	1.48						
10190	ok	1.53						
10191	ok	2.07						
10192	ok	0.0						
10193	ok	1.30						
10194	ok	0.99						
10195	ok	1.85						
10196	ok	1.37						
10197	ok	0.84						
10198	ok	1.60						
10199	ok	1.18						
10200	ok	0.91						
10201	ok	1.49						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10202	ok	2.24						
10203	ok	0.0						
10204	ok	0.0						
10205	ok	0.0						
10206	ok	0.0						
10207	ok	1.87						
10208	ok	1.41						
10209	ok	1.24						
10210	ok	0.0						
10211	ok	0.0						
10212	ok	2.63						
10213	ok	0.60						
10215	ok	0.93						
10216	ok	1.43						
10217	ok	2.73						
10219	ok	0.57						
10220	ok	1.43						
10221	ok	1.08						
10222	ok	0.78						
10224	ok	0.62						
10225	ok	3.80						
10226	ok	1.63						
10227	ok	0.86						
10228	ok	0.83						
10229	ok	0.70						
10230	ok	0.54						
10231	ok	0.44						
10232	ok	0.80						
10233	ok	0.47						
10234	ok	0.50						
10235	ok	0.64						
10236	ok	1.14						
10237	ok	0.99						
10238	ok	0.92						
10239	ok	1.69						
10240	ok	0.98						
10241	ok	1.25						
10242	ok	1.19						
10243	ok	2.42						
10244	ok	1.68						
10245	ok	1.82						
10246	ok	0.0						
10247	ok	0.0						
10248	ok	3.90						
10249	ok	1.08						
10250	ok	0.64						
10251	ok	1.42						
10252	ok	2.41						
10253	ok	1.80						
10254	ok	1.37						
10255	ok	0.94						
10256	ok	1.02						
10257	ok	0.77						
10258	ok	0.78						
10259	ok	0.51						
10260	ok	0.94						
10261	ok	1.30						
10262	ok	1.73						
10263	ok	3.05						
10264	ok	4.01						
10265	ok	3.55						
10266	ok	0.80						
10267	ok	1.02						
10268	ok	1.32						
10269	ok	1.45						
10270	ok	1.45						
10271	ok	1.84						
10272	ok	1.85						
10273	ok	2.09						
10274	ok	1.37						
10275	ok	1.93						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10276	ok	2.93						
10277	ok	2.98						
10280	ok	0.69						
10281	ok	0.45						
10282	ok	0.39						
10287	ok Av	6.05	0.14	0.17	4.8	5.5	121.9	140.1
10288	ok	2.52						
10289	ok	1.10						
10290	ok	2.34						
10291	ok	0.65						
10292	ok	0.48						
10293	ok	0.35						
10294	ok	1.03						
10295	ok	0.52						
10296	ok	0.42						
10297	ok	0.44						
10298	ok	0.87						
10299	ok	0.88						
10300	ok	0.74						
10301	ok	0.66						
10303	ok	1.44						
10305	ok Av	5.18	0.02	0.18	0.7	5.8	16.9	149.2
10306	ok	1.46						
10307	ok	1.50						
10308	ok	2.22						
10309	ok	3.29						
10310	ok Av	5.00	0.16	0.05	5.4	1.8	137.7	45.2
10312	ok	2.03						
10313	ok	2.64						
10314	ok	4.32						
10315	ok	4.82						
10316	ok	2.20						
10317	ok	3.03						
10318	ok	4.37						
10320	ok	0.96						
10321	ok	0.79						
10322	ok	1.00						
10323	ok	0.94						
10324	ok	0.79						
10325	ok	0.62						
10326	ok	0.84						
10327	ok	0.79						
10328	ok	0.61						
10329	ok	0.55						
10330	ok	0.70						
10331	ok	0.84						
10333	ok Av	5.99	0.06	0.20	2.1	6.5	53.6	165.2
10334	ok	3.62						
10335	ok	1.11						
10336	ok	0.41						
10337	ok	0.52						
10338	ok	0.68						
10339	ok	0.37						
10340	ok	1.68						
10341	ok	0.92						
10342	ok	1.79						
10343	ok	0.35						
10344	ok	0.33						
10345	ok	0.38						
10346	ok	0.49						
10347	ok	0.67						
10348	ok	0.92						
10349	ok	1.26						
10350	ok	1.65						
10351	ok	1.52						
10352	ok	1.32						
10353	ok	1.11						
10354	ok	0.73						
10355	ok	0.55						
10356	ok	0.55						
10357	ok	0.84						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10358	ok	1.19						
10359	ok	1.61						
10360	ok	1.74						
10361	ok	1.31						
10362	ok	0.97						
10363	ok	0.67						
10364	ok	0.41						
10365	ok	0.86						
10366	ok	1.03						
10367	ok	1.17						
10368	ok	1.26						
10369	ok	0.63						
10370	ok	0.72						
10371	ok	0.85						
10372	ok	0.92						
10373	ok	0.45						
10374	ok	0.53						
10375	ok	0.60						
10376	ok	0.65						
10377	ok	0.62						
10378	ok	0.48						
10379	ok	0.47						
10380	ok	0.46						
10381	ok	0.86						
10382	ok	0.63						
10383	ok	0.44						
10384	ok	0.36						
10385	ok	1.10						
10386	ok	0.79						
10387	ok	0.54						
10388	ok	0.34						
10389	ok	1.27						
10390	ok	0.93						
10391	ok	0.64						
10392	ok	0.40						
10393	ok	2.09						
10394	ok	1.04						
10395	ok	1.99						
10396	ok	1.80						
10397	ok	1.54						
10398	ok	1.26						
10399	ok	2.58						
10400	ok	1.12						
10401	ok	2.52						
10402	ok	2.16						
10403	ok	1.79						
10404	ok	1.43						
10405	ok	3.10						
10406	ok	1.23						
10407	ok	2.99						
10408	ok	2.57						
10409	ok	2.07						
10410	ok	1.60						
10412	ok	1.29						
10413	ok	4.82						
10414	ok	4.89						
10415	ok	3.88						
10416	ok	3.17						
10417	ok	1.99						
10418	ok	1.30						
10419	ok	1.84						
10420	ok	2.60						
10421	ok	3.56						
10422	ok	3.98						
10424	ok	1.32						
10427	ok Av	5.13	0.17	0.03	5.7	1.0	146.6	24.6
10428	ok	3.12						
10429	ok	2.12						
10430	ok	1.27						
10431	ok	2.08						
10432	ok	3.30						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10433	ok	4.75						
10435	ok	0.48						
10436	ok	2.40						
10437	ok	0.54						
10438	ok	2.02						
10439	ok	1.74						
10440	ok	1.34						
10441	ok	1.01						
10442	ok	0.75						
10443	ok	1.59						
10444	ok	1.25						
10445	ok	0.95						
10446	ok	0.70						
10447	ok Av	6.71	0.22	0.05	7.4	1.7	189.8	42.6
10448	ok	1.97						
10449	ok	0.50						
10450	ok	2.43						
10451	ok	1.67						
10452	ok	1.41						
10453	ok Av	6.51	0.22	0.04	7.3	1.2	187.0	29.9
10454	ok Av	5.20	0.18	0.03	5.8	1.0	149.1	26.0
10455	ok	1.72						
10456	ok	1.34						
10457	ok	0.98						
10458	ok	0.70						
10459	ok	3.02						
10460	ok	0.0						
10461	ok	3.17						
10462	ok	0.91						
10463	ok Av	5.80	0.20	0.04	6.5	1.2	165.4	30.2
10464	ok	2.11						
10465	ok	1.21						
10466	ok	2.66						
10467	ok	2.51						
10468	ok	2.91						
10469	ok Av	6.99	0.24	0.04	7.8	1.3	199.8	34.3
10470	ok Av	6.65	0.22	0.04	7.4	1.3	189.8	34.1
10471	ok	1.75						
10472	ok	0.63						
10473	ok	1.74						
10474	ok	1.92						
10475	ok	1.28						
10476	ok	0.76						
10477	ok	2.92						
10478	ok	2.97						
10479	ok	0.83						
10480	ok	3.74						
10481	ok	2.58						
10482	ok	1.78						
10483	ok	1.34						
10484	ok	0.65						
10485	ok	1.14						
10486	ok	1.47						
10487	ok	1.91						
10488	ok	2.45						
10489	ok	0.0						
10490	ok	0.72						
10491	ok	1.47						
10492	ok	1.44						
10493	ok	0.0						
10494	ok	1.57						
10495	ok	0.43						
10496	ok	0.96						
10501	ok	0.93						
10502	ok	0.80						
10503	ok	0.69						
10504	ok	0.64						
10505	ok	0.56						
10506	ok	0.69						
10507	ok	0.32						
10508	ok	0.67						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10509	ok	1.75						
10510	ok	2.09						
10511	ok	2.33						
10512	ok	0.64						
10513	ok	1.70						
10514	ok	4.03						
10515	ok	0.39						
10516	ok	0.60						
10517	ok	1.06						
10518	ok	1.42						
10519	ok Av	5.16	0.04	0.17	1.2	5.7	29.9	146.6
10520	ok	1.78						
10521	ok	2.23						
10522	ok	0.58						
10523	ok	0.37						
10524	ok	0.36						
10525	ok	0.50						
10526	ok	0.0						
10527	ok	1.85						
10528	ok	2.21						
10529	ok	1.49						
10530	ok	1.78						
10531	ok	1.70						
10532	ok	3.54						
10533	ok	3.08						
10534	ok	2.83						
10535	ok	2.40						
10536	ok	1.89						
10537	ok	0.0						
10538	ok	1.32						
10539	ok	1.34						
10540	ok	1.25						
10541	ok	1.12						
10542	ok	0.95						
10543	ok	0.89						
10544	ok	2.50						
10545	ok	2.69						
10546	ok	1.83						
10547	ok	1.77						
10548	ok	1.59						
10549	ok	1.38						
10550	ok	1.20						
10551	ok	0.0						
10552	ok	2.60						
10553	ok	2.69						
10554	ok	2.68						
10555	ok	2.11						
10556	ok	1.77						
10557	ok	1.48						
10558	ok	0.0						
10559	ok	0.0						
10560	ok	0.0						
10561	ok	3.18						
10562	ok	3.25						
10564	ok Av	7.01	0.22	0.09	7.4	2.9	189.2	74.9
10565	ok	4.55						
10566	ok	3.39						
10567	ok	2.53						
10568	ok	1.89						
10569	ok	2.61						
10570	ok Av	5.00	0.05	0.17	1.5	5.5	39.2	139.7
10571	ok	4.51						
10572	ok	3.50						
10573	ok	2.88						
10574	ok	2.07						
10575	ok	3.68						
10576	ok Av	7.53	0.12	0.23	4.0	7.6	101.9	193.2
10577	ok Av	5.83	0.16	0.14	5.3	4.6	135.5	117.2
10578	ok	4.15						
10579	ok	3.22						
10580	ok	2.50						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10581	ok	0.0						
10582	ok	0.0						
10584	ok Av	7.66	0.26	0.04	8.7	1.3	221.7	32.0
10585	ok	4.58						
10586	ok	3.35						
10587	ok	2.57						
10588	ok	1.87						
10589	ok	3.11						
10590	ok	2.11						
10591	ok	2.11						
10592	ok Av	7.32	0.10	0.23	3.4	7.7	87.3	196.5
10593	ok Av	5.70	0.14	0.15	4.7	4.9	119.0	125.3
10594	ok	4.18						
10595	ok	2.74						
10596	ok	2.49						
10597	ok	1.81						
10598	ok	1.66						
10599	ok	0.0						
10600	ok Av	7.72	0.26	0.12	8.7	4.1	221.5	103.5
10601	ok	4.86						
10602	ok	3.46						
10603	ok	2.54						
10604	ok	1.89						
10605	ok	0.37						
10606	ok	1.73						
10607	ok	1.17						
10608	ok	3.40						
10609	ok	3.45						
10610	ok	2.82						
10611	ok	1.97						
10612	ok	1.64						
10613	ok	1.55						
10614	ok	1.48						
10615	ok	4.95						
10616	ok	4.55						
10617	ok	3.43						
10618	ok	2.39						
10619	ok	2.16						
10620	ok	1.57						
10621	ok	1.59						
10622	ok	3.28						
10623	ok	2.33						
10624	ok	3.03						
10625	ok	2.20						
10626	ok	2.10						
10627	ok	1.66						
10628	ok	1.22						
10629	ok	1.14						
10630	ok	0.72						
10631	ok	2.05						
10632	ok	2.08						
10633	ok	1.82						
10634	ok	1.42						
10635	ok	0.98						
10636	ok	1.22						
10637	ok	0.50						
10638	ok	0.86						
10639	ok	1.61						
10640	ok	1.44						
10641	ok	1.60						
10642	ok	1.05						
10643	ok	1.27						
10644	ok	1.57						
10645	ok	1.28						
10646	ok	0.0						
10647	ok	0.0						
10648	ok Av	5.33	0.01	0.18	0.3	6.0	8.9	154.4
10649	ok	3.37						
10650	ok	2.56						
10651	ok	1.86						
10652	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10653	ok	1.19						
10654	ok	0.60						
10655	ok	0.88						
10656	ok	1.26						
10657	ok	1.60						
10658	ok	2.40						
10659	ok	4.43						
10660	ok	0.0						
10661	ok	1.23						
10662	ok	1.13						
10663	ok	1.52						
10664	ok	0.79						
10665	ok	0.50						
10666	ok	0.52						
10667	ok	0.54						
10668	ok	0.83						
10669	ok	0.67						
10670	ok	0.68						
10671	ok	0.84						
10672	ok	0.65						
10673	ok	0.84						
10674	ok	0.91						
10675	ok	0.62						
10676	ok	0.62						
10677	ok	0.42						
10678	ok	0.67						
10679	ok	1.11						
10680	ok	1.48						
10681	ok	1.77						
10682	ok	0.51						
10683	ok	0.53						
10684	ok	0.65						
10685	ok	1.11						
10686	ok	1.27						
10687	ok	1.89						
10688	ok	2.03						
10689	ok	0.49						
10690	ok	0.66						
10691	ok	0.94						
10692	ok	1.49						
10693	ok	1.69						
10694	ok	3.88						
10696	ok	0.52						
10697	ok	0.79						
10698	ok	1.15						
10699	ok	1.76						
10700	ok	2.16						
10701	ok	3.60						
10702	ok Av	6.07	0.10	0.20	3.4	6.5	86.2	167.0
10703	ok	0.57						
10704	ok	0.86						
10705	ok	1.23						
10706	ok	2.02						
10707	ok	2.47						
10708	ok	4.57						
10709	ok	0.0						
10710	ok	3.52						
10711	ok	0.0						
10712	ok	0.53						
10713	ok	0.76						
10714	ok	1.16						
10715	ok	1.58						
10716	ok	1.91						
10717	ok	4.45						
10718	ok Av	7.07	0.24	0.04	7.9	1.2	202.8	30.8
10719	ok	0.59						
10720	ok	0.83						
10721	ok	1.19						
10722	ok	1.78						
10723	ok	2.59						
10724	ok	3.69						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10725	ok	0.0						
10726	ok	0.33						
10727	ok	0.70						
10728	ok	4.85						
10729	ok Av	5.85	0.20	0.03	6.6	1.2	168.0	29.6
10730	ok	0.41						
10731	ok	1.03						
10732	ok	0.0						
10733	ok	0.63						
10734	ok	0.88						
10735	ok	0.83						
10736	ok	0.96						
10737	ok Av	6.26	0.21	0.04	7.0	1.2	179.5	29.9
10738	ok	4.40						
10739	ok	3.32						
10740	ok Av	6.22	0.21	0.04	7.0	1.2	177.7	31.6
10741	ok	0.77						
10742	ok	1.90						
10743	ok	0.60						
10744	ok	2.37						
10745	ok	0.63						
10746	ok	1.03						
10747	ok	1.06						
10748	ok	0.0						
10749	ok	1.14						
10750	ok	1.44						
10751	ok	2.57						
10752	ok	1.09						
10753	ok	0.64						
10754	ok	1.02						
10755	ok	4.86						
10756	ok	3.09						
10757	ok	1.64						
10758	ok	0.97						
10759	ok	0.83						
10760	ok	2.28						
10761	ok	1.56						
10762	ok	0.44						
10763	ok	0.68						
10764	ok	1.13						
10765	ok	0.67						
10766	ok	1.39						
10767	ok	1.43						
10768	ok	1.61						
10769	ok	0.66						
10770	ok	1.18						
10771	ok	0.89						
10772	ok	1.33						
10773	ok	0.78						
10774	ok	1.15						
10775	ok	0.80						
10776	ok	0.80						
10777	ok	0.67						
10778	ok	0.46						
10779	ok	0.50						
10780	ok	1.97						
10781	ok Av	6.74	0.23	0.04	7.6	1.4	193.3	35.1
10782	ok	0.52						
10783	ok	1.24						
10784	ok	0.51						
10785	ok	1.52						
10786	ok	0.57						
10787	ok	0.49						
10788	ok	2.26						
10789	ok Av	7.32	0.25	0.05	8.2	1.5	209.7	38.5
10792	ok Av	14.83	0.51	0.06	16.7	1.8	427.6	46.6
10793	ok Av	7.42	0.25	0.05	8.4	1.5	213.3	39.0
10794	ok Av	6.98	0.24	0.01	7.9	0.5	202.2	11.9
10795	ok Av	6.20	0.21	0.02	7.0	0.5	179.4	13.4
10796	ok Av	7.20	0.25	0.02	8.2	0.7	208.3	19.1
10797	ok	4.90						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10801	ok	0.57						
10802	ok	0.65						
10803	ok	0.54						
10804	ok	0.54						
10805	ok	0.74						
10806	ok	0.71						
10807	ok	1.58						
10808	ok	2.33						
10809	ok	1.94						
10810	ok	0.0						
10811	ok	2.25						
10812	ok	0.0						
10813	ok	1.04						
10814	ok	0.91						
10815	ok	1.13						
10816	ok	1.07						
10817	ok	2.44						
10818	ok	1.12						
10819	ok	1.05						
10820	ok	0.47						
10821	ok	2.90						
10822	ok	2.27						
10823	ok	1.41						
10824	ok	0.96						
10825	ok	0.64						
10826	ok	0.54						
10827	ok	0.81						
10828	ok	1.17						
10829	ok	1.13						
10830	ok	1.06						
10831	ok	0.87						
10832	ok	0.65						
10833	ok	0.47						
10834	ok	0.36						
10835	ok	0.40						
10836	ok	0.46						
10837	ok	0.49						
10838	ok	0.71						
10839	ok	1.07						
10840	ok	1.59						
10841	ok	0.89						
10842	ok	0.90						
10843	ok	0.88						
10844	ok	0.68						
10845	ok	0.68						
10846	ok	0.63						
10847	ok	0.53						
10848	ok	0.56						
10849	ok	0.57						
10850	ok	0.49						
10851	ok	0.64						
10852	ok	0.79						
10853	ok	0.59						
10854	ok	0.83						
10855	ok	1.08						
10856	ok	0.68						
10857	ok	0.99						
10858	ok	1.45						
10859	ok	0.74						
10860	ok	1.10						
10861	ok	1.63						
10862	ok	1.41						
10863	ok	1.17						
10864	ok	1.42						
10865	ok	1.30						
10866	ok	1.18						
10867	ok	1.84						
10868	ok	1.35						
10869	ok	1.77						
10870	ok	1.50						
10871	ok	1.23						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10872	ok	1.57						
10873	ok	2.49						
10874	ok	1.99						
10875	ok	1.30						
10876	ok	1.76						
10877	ok	1.01						
10878	ok	2.26						
10879	ok	0.0						
10880	ok	0.79						
10881	ok	0.0						
10882	ok	0.65						
10883	ok	0.50						
10884	ok	0.68						
10885	ok	1.09						
10886	ok	1.69						
10887	ok	2.77						
10888	ok	4.35						
10889	ok	0.76						
10890	ok	0.0						
10891	ok	0.60						
10892	ok	0.43						
10893	ok	0.70						
10894	ok	1.08						
10895	ok	1.87						
10896	ok	3.91						
10897	ok	0.0						
10898	ok	0.86						
10899	ok	0.0						
10900	ok	0.67						
10901	ok	0.47						
10902	ok	0.75						
10903	ok	1.27						
10904	ok	1.76						
10905	ok	3.30						
10906	ok	0.0						
10907	ok	1.00						
10908	ok	0.0						
10909	ok	0.73						
10910	ok	0.50						
10911	ok	0.74						
10912	ok	1.11						
10913	ok	1.94						
10914	ok	2.90						
10915	ok	0.0						
10916	ok	1.03						
10917	ok	1.27						
10918	ok	0.90						
10919	ok	0.91						
10920	ok	1.20						
10921	ok	1.65						
10922	ok	1.10						
10923	ok	1.05						
10924	ok	1.11						
10925	ok	1.16						
10926	ok	0.76						
10927	ok	0.52						
10928	ok	0.40						
10929	ok	0.57						
10930	ok	0.79						
10931	ok	0.96						
10932	ok	1.07						
10933	ok	0.74						
10934	ok	0.51						
10935	ok	0.83						
10936	ok	0.87						
10937	ok	0.58						
10938	ok	0.61						
10939	ok	0.40						
10940	ok	0.44						
10941	ok	0.40						
10942	ok	0.30						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
10943	ok	0.54						
10944	ok	0.35						
10945	ok	0.66						
10946	ok	0.45						
10947	ok	0.74						
10948	ok	0.51						
10949	ok	1.40						
10950	ok	1.34						
10951	ok	1.44						
10952	ok	2.63						
10953	ok	0.0						
10954	ok	2.39						
10955	ok	2.28						
10956	ok	0.0						
10957	ok	0.0						
10958	ok	1.82						
10959	ok	1.86						
10960	ok	1.66						
10961	ok	0.94						
10962	ok	0.98						
10963	ok	2.21						
10964	ok	2.75						
10965	ok	0.97						
10966	ok	1.12						
10967	ok	1.16						
10968	ok	1.53						
10969	ok	1.30						
10970	ok	1.67						
10971	ok	0.85						
10972	ok	1.04						
10973	ok	0.87						
10974	ok	1.11						
10975	ok	0.83						
10976	ok	0.80						
10977	ok	0.79						
10978	ok	0.80						
10979	ok	1.07						
10980	ok	1.04						
10981	ok	1.01						
10982	ok	1.01						
10983	ok	0.73						
10984	ok	0.68						
10985	ok	0.65						
10986	ok	0.63						
10987	ok	0.63						
10988	ok	0.66						
10989	ok	1.68						
10990	ok	0.84						
10991	ok	1.01						
10992	ok	1.31						
10993	ok	1.20						
10994	ok	0.70						
10995	ok	0.84						
10996	ok	1.03						
10997	ok	0.61						
10998	ok	1.62						
10999	ok	1.34						
11000	ok	1.87						
11001	ok	0.69						
11002	ok	0.92						
11003	ok	1.12						
11004	ok	1.73						
11005	ok	0.95						
11006	ok	1.33						
11007	ok	1.64						
11008	ok	0.0						
11009	ok	0.81						
11010	ok	1.93						
11011	ok	2.48						
11012	ok	3.24						
11013	ok	2.11						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11014	ok	0.93						
11015	ok	0.65						
11016	ok	0.67						
11017	ok	0.69						
11018	ok	1.02						
11019	ok	1.18						
11020	ok	0.70						
11021	ok	0.54						
11022	ok	0.58						
11023	ok	0.58						
11024	ok	0.77						
11025	ok	0.63						
11026	ok	0.61						
11027	ok	0.84						
11028	ok	1.15						
11029	ok	1.02						
11030	ok	0.62						
11031	ok	0.86						
11032	ok	1.95						
11033	ok	0.72						
11034	ok	0.77						
11035	ok	1.04						
11036	ok	0.88						
11037	ok	0.47						
11038	ok	0.69						
11039	ok	0.57						
11040	ok	0.37						
11041	ok	0.0						
11042	ok	0.55						
11044	ok Av	12.48	0.42	0.13	14.1	4.2	359.0	106.8
11045	ok Av	6.34	0.19	0.15	6.3	5.0	160.3	127.2
11046	ok	1.58						
11047	ok	1.21						
11048	ok	1.01						
11049	ok	0.69						
11050	ok	0.59						
11056	ok	0.80						
11057	ok	0.67						
11058	ok	1.31						
11059	ok Av	6.75	0.23	0.05	7.6	1.7	193.1	42.1
11060	ok Av	7.65	0.20	0.18	6.6	6.0	168.1	152.8
11061	ok Av	5.93	0.20	0.03	6.7	0.9	171.9	21.9
11062	ok	1.11						
11063	ok	0.62						
11064	ok	0.52						
11065	ok	0.36						
11066	ok	0.39						
11067	ok Av	8.84	0.15	0.26	5.1	8.7	129.8	221.0
11068	ok	0.52						
11069	ok	4.06						
11070	ok Av	6.50	0.16	0.16	5.3	5.2	134.3	132.6
11072	ok	1.76						
11073	ok	0.62						
11074	ok	0.65						
11076	ok Av	5.27	0.18	4.43e-03	6.0	0.1	152.9	3.7
11077	ok	0.53						
11078	ok	0.83						
11079	ok	0.0						
11080	ok	1.38						
11081	ok	0.84						
11082	ok	0.48						
11083	ok	0.45						
11084	ok	0.30						
11085	ok	0.37						
11086	ok	1.61						
11087	ok	1.55						
11088	ok	1.64						
11089	ok	1.66						
11090	ok	2.16						
11091	ok	1.93						
11092	ok	2.24						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11093	ok	2.21						
11094	ok	0.0						
11095	ok	1.07						
11096	ok	1.55						
11097	ok	0.0						
11098	ok	1.46						
11099	ok	0.97						
11100	ok	1.16						
11101	ok	0.80						
11102	ok	0.80						
11103	ok	1.16						
11104	ok	1.06						
11105	ok	0.89						
11106	ok	1.22						
11107	ok	1.40						
11108	ok	0.91						
11109	ok	1.24						
11110	ok	0.27						
11111	ok	0.59						
11112	ok	0.49						
11113	ok	0.49						
11114	ok	0.0						
11115	ok	0.42						
11116	ok	0.31						
11117	ok	0.32						
11118	ok	0.77						
11119	ok	0.98						
11120	ok	0.84						
11121	ok	0.75						
11122	ok	1.09						
11123	ok	0.93						
11124	ok	1.18						
11125	ok	0.48						
11126	ok	0.38						
11127	ok	0.84						
11128	ok	0.71						
11129	ok	0.69						
11130	ok	1.34						
11131	ok	0.66						
11132	ok	0.28						
11133	ok	1.66						
11134	ok	0.70						
11135	ok	0.92						
11136	ok	0.53						
11137	ok	0.72						
11138	ok	1.03						
11139	ok	0.31						
11140	ok	0.84						
11141	ok	1.17						
11142	ok	0.95						
11143	ok	0.61						
11144	ok	1.60						
11145	ok	0.56						
11146	ok	1.57						
11147	ok	0.95						
11148	ok	2.02						
11149	ok Av	20.02	0.67	0.12	22.4	4.0	571.2	103.3
11150	ok Av	9.88	0.34	0.03	11.2	0.9	285.8	22.4
11151	ok Av	7.46	0.22	0.13	7.2	4.4	184.2	113.5
11152	ok Av	6.92	0.24	0.02	7.8	0.7	200.1	17.0
11153	ok Av	34.20	1.00	0.14	48.4	4.7	951.4	119.8
11154	ok	4.63						
11155	ok Av	6.49	0.22	0.02	7.4	0.7	187.9	17.7
11156	ok Av	8.58	0.29	0.02	9.7	0.7	248.7	17.3
11157	ok Av	11.83	0.40	0.04	13.4	1.2	342.0	31.4
11159	ok	1.92						
11160	ok Av	5.46	0.04	0.18	1.2	6.1	30.2	155.6
11161	ok	0.60						
11162	ok	1.52						
11163	ok	3.35						
11164	ok	0.68						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11165	ok	0.0						
11166	ok	0.63						
11167	ok	0.51						
11168	ok	1.24						
11169	ok	0.78						
11170	ok	0.95						
11171	ok	0.92						
11172	ok	1.18						
11173	ok	1.41						
11174	ok	1.96						
11175	ok	1.45						
11176	ok	0.95						
11177	ok	0.76						
11178	ok	0.67						
11179	ok	0.84						
11180	ok	1.52						
11181	ok	0.0						
11182	ok	1.61						
11183	ok	1.19						
11184	ok	0.93						
11185	ok	0.81						
11186	ok	1.04						
11187	ok	0.89						
11188	ok	0.65						
11189	ok	0.75						
11190	ok	1.09						
11191	ok	1.89						
11192	ok	2.31						
11193	ok	4.20						
11194	ok	2.66						
11195	ok	0.58						
11196	ok	1.52						
11197	ok	0.67						
11198	ok	0.49						
11199	ok	0.82						
11200	ok	1.00						
11201	ok	2.51						
11202	ok Av	8.67	0.06	0.29	1.9	9.7	47.9	246.7
11203	ok Av	5.65	0.18	0.06	6.0	2.1	154.5	54.8
11204	ok	0.70						
11205	ok	0.96						
11206	ok	0.0						
11207	ok	0.72						
11208	ok	0.78						
11209	ok	0.58						
11210	ok	0.30						
11211	ok	2.16						
11212	ok	0.49						
11213	ok	0.26						
11214	ok	0.88						
11215	ok Av	24.59	0.84	0.05	27.9	1.7	711.7	43.3
11216	ok Av	10.09	0.34	0.02	11.4	0.8	291.8	20.0
11217	ok	1.73						
11218	ok	0.46						
11219	ok	0.58						
11220	ok	0.79						
11221	ok	3.62						
11222	ok	0.86						
11223	ok	0.0						
11224	ok	1.07						
11225	ok	0.0						
11226	ok	0.91						
11227	ok	0.82						
11228	ok	0.32						
11229	ok	0.44						
11230	ok	1.37						
11231	ok Av	5.30	0.18	0.04	5.9	1.2	150.7	30.2
11232	ok	0.35						
11233	ok	1.77						
11234	ok	1.04						
11235	ok	4.21						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11236	ok	1.72						
11237	ok	0.0						
11238	ok	4.79						
11239	ok	0.0						
11240	ok Av	5.91	0.20	3.54e-03	6.7	0.1	171.3	3.0
11241	ok	1.22						
11242	ok	1.42						
11243	ok Av	6.72	0.23	9.86e-03	7.6	0.3	194.8	8.3
11244	ok	1.34						
11245	ok	3.96						
11246	ok	0.82						
11247	ok	0.50						
11248	ok	0.0						
11249	ok	0.76						
11250	ok	0.54						
11251	ok	0.96						
11252	ok	0.0						
11253	ok	2.33						
11254	ok	0.66						
11255	ok	0.0						
11256	ok	0.69						
11257	ok	3.73						
11258	ok	1.24						
11259	ok	1.99						
11260	ok	0.48						
11261	ok	0.48						
11262	ok	0.49						
11263	ok	4.46						
11264	ok	0.0						
11265	ok	1.37						
11266	ok	0.45						
11267	ok	0.55						
11268	ok	0.92						
11269	ok Av	9.68	0.07	0.32	2.3	10.8	58.3	274.9
11270	ok	0.0						
11271	ok	2.68						
11272	ok	0.0						
11273	ok	0.0						
11274	ok	0.0						
11275	ok	0.78						
11276	ok	0.38						
11277	ok	1.51						
11278	ok	0.0						
11279	ok	1.08						
11280	ok	3.32						
11281	ok	2.35						
11282	ok	0.0						
11283	ok	2.68						
11284	ok	0.43						
11285	ok	0.0						
11286	ok	1.05						
11287	ok	2.41						
11288	ok	1.18						
11289	ok	0.0						
11290	ok	2.40						
11291	ok	2.61						
11292	ok	2.33						
11293	ok	1.59						
11294	ok	1.15						
11295	ok	0.0						
11296	ok	0.0						
11297	ok	2.76						
11298	ok	1.67						
11299	ok	1.24						
11300	ok	0.91						
11301	ok	0.98						
11302	ok	1.14						
11303	ok	1.17						
11304	ok	0.90						
11305	ok	0.84						
11306	ok	0.75						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11307	ok	1.69						
11308	ok	0.87						
11309	ok	0.99						
11310	ok	0.95						
11311	ok	0.80						
11312	ok	0.60						
11313	ok	0.69						
11314	ok	3.40						
11315	ok	0.0						
11316	ok	0.0						
11317	ok	0.0						
11318	ok	2.35						
11319	ok	3.18						
11320	ok	3.13						
11321	ok	0.37						
11322	ok	2.01						
11323	ok	2.85						
11324	ok	3.71						
11325	ok	2.59						
11326	ok	2.14						
11327	ok	1.74						
11328	ok	4.07						
11329	ok	0.0						
11330	ok	0.0						
11331	ok	0.38						
11332	ok	1.00						
11333	ok	2.09						
11334	ok	1.98						
11335	ok	2.71						
11336	ok	0.57						
11337	ok	0.55						
11338	ok	0.54						
11339	ok	0.53						
11340	ok	0.55						
11341	ok	0.82						
11342	ok	0.73						
11343	ok	0.63						
11344	ok	1.60						
11345	ok	1.90						
11346	ok	1.86						
11347	ok	1.62						
11348	ok	1.39						
11349	ok	1.08						
11350	ok	1.14						
11351	ok	1.37						
11352	ok	1.43						
11353	ok	1.35						
11354	ok	1.21						
11355	ok	0.97						
11356	ok	0.72						
11357	ok	0.84						
11358	ok	1.06						
11359	ok	1.16						
11360	ok	1.15						
11361	ok	1.08						
11362	ok	0.89						
11363	ok	0.48						
11364	ok	0.64						
11365	ok	0.52						
11366	ok	1.21						
11367	ok	0.45						
11368	ok	1.25						
11369	ok	1.17						
11370	ok	1.03						
11371	ok	0.85						
11372	ok	0.65						
11373	ok	0.45						
11374	ok	0.39						
11375	ok	0.59						
11376	ok	0.42						
11377	ok	0.31						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11378	ok	0.37						
11379	ok	0.43						
11380	ok	0.47						
11381	ok	0.48						
11382	ok	0.59						
11383	ok	0.85						
11384	ok	0.50						
11385	ok	0.41						
11386	ok	0.36						
11387	ok	0.32						
11388	ok	0.31						
11389	ok	0.45						
11390	ok	0.40						
11391	ok	0.60						
11392	ok	0.51						
11393	ok	0.73						
11394	ok	0.58						
11395	ok	0.83						
11396	ok	0.61						
11397	ok	0.88						
11398	ok	0.0						
11399	ok	0.55						
11400	ok	0.0						
11401	ok	4.02						
11402	ok	2.63						
11403	ok	1.77						
11404	ok	1.20						
11405	ok	0.83						
11406	ok	0.59						
11407	ok	0.51						
11408	ok	0.49						
11409	ok	0.47						
11410	ok	0.47						
11411	ok	1.72						
11412	ok	2.47						
11413	ok	3.59						
11414	ok	0.0						
11415	ok	0.42						
11416	ok	0.50						
11417	ok	0.57						
11418	ok	0.61						
11419	ok	0.60						
11420	ok	0.73						
11421	ok	0.82						
11422	ok	0.85						
11423	ok	0.85						
11424	ok	1.03						
11425	ok	1.18						
11426	ok	1.25						
11427	ok	1.11						
11428	ok	1.38						
11429	ok	1.63						
11430	ok	1.79						
11431	ok	1.38						
11432	ok	1.76						
11433	ok	2.26						
11434	ok	2.62						
11435	ok	1.61						
11436	ok	2.26						
11437	ok	3.45						
11438	ok	4.20						
11439	ok	1.75						
11440	ok	2.52						
11441	ok	4.16						
11442	ok	0.0						
11443	ok	0.0						
11444	ok	0.60						
11445	ok	0.0						
11446	ok	3.81						
11447	ok	2.40						
11448	ok	1.60						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11449	ok	1.07						
11450	ok	0.75						
11451	ok	0.52						
11452	ok	1.46						
11453	ok	0.97						
11454	ok	1.49						
11455	ok	1.35						
11456	ok	1.10						
11457	ok	0.81						
11458	ok	0.56						
11459	ok	0.43						
11460	ok	0.67						
11461	ok	0.83						
11462	ok	0.69						
11463	ok	3.14						
11464	ok	2.05						
11465	ok	0.46						
11466	ok	0.57						
11467	ok	0.62						
11468	ok	0.48						
11469	ok	0.91						
11470	ok	0.74						
11471	ok	1.35						
11472	ok	1.07						
11473	ok	1.94						
11474	ok	1.46						
11475	ok	2.97						
11476	ok	1.94						
11477	ok	3.86						
11478	ok	2.19						
11479	ok	2.39						
11480	ok	2.37						
11481	ok	1.38						
11482	ok	1.16						
11483	ok	2.61						
11484	ok	0.0						
11485	ok	0.45						
11486	ok	0.66						
11487	ok	0.71						
11488	ok	1.08						
11489	ok	1.49						
11490	ok	0.91						
11491	ok	1.27						
11492	ok	1.73						
11493	ok	1.11						
11494	ok	1.07						
11495	ok	1.26						
11496	ok	2.56						
11497	ok	0.0						
11498	ok	0.48						
11499	ok	0.82						
11500	ok	0.38						
11501	ok	0.55						
11502	ok	0.93						
11503	ok	0.96						
11504	ok	0.72						
11505	ok	1.18						
11506	ok	0.0						
11507	ok	1.23						
11508	ok	0.80						
11509	ok	1.38						
11510	ok	4.08						
11511	ok	1.16						
11512	ok	1.17						
11513	ok	1.49						
11514	ok	3.80						
11515	ok	1.60						
11516	ok	1.51						
11517	ok	1.92						
11518	ok	1.60						
11519	ok	2.46						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11520	ok	0.0						
11521	ok	2.04						
11522	ok	0.41						
11523	ok	1.61						
11524	ok	0.60						
11525	ok	1.77						
11526	ok	3.36						
11527	ok	2.12						
11528	ok	2.93						
11529	ok	0.0						
11530	ok	1.22						
11531	ok	0.35						
11532	ok Av	6.32	0.04	0.21	1.5	7.0	37.3	179.4
11533	ok	1.17						
11534	ok	1.38						
11535	ok	0.0						
11536	ok	0.80						
11537	ok	0.58						
11538	ok	0.90						
11539	ok	1.68						
11540	ok	1.55						
11541	ok	1.32						
11542	ok	0.0						
11543	ok	3.91						
11544	ok	0.41						
11545	ok	1.96						
11546	ok	2.31						
11547	ok	2.86						
11548	ok	3.24						
11549	ok	1.84						
11550	ok	2.51						
11551	ok	3.91						
11552	ok	0.0						
11553	ok	1.94						
11554	ok	2.92						
11555	ok	1.02						
11556	ok	1.12						
11557	ok	1.34						
11558	ok	1.51						
11559	ok	1.11						
11560	ok	1.23						
11561	ok	0.81						
11562	ok	0.64						
11563	ok	0.71						
11564	ok	0.88						
11565	ok	0.65						
11566	ok	0.75						
11567	ok	0.48						
11568	ok	0.62						
11569	ok	0.57						
11570	ok	0.82						
11571	ok	0.78						
11572	ok	1.03						
11573	ok	2.73						
11574	ok	3.71						
11575	ok	2.02						
11576	ok	1.59						
11577	ok	1.25						
11578	ok	0.96						
11579	ok	0.59						
11580	ok	2.59						
11581	ok	1.94						
11582	ok	1.37						
11583	ok	1.48						
11584	ok	1.17						
11585	ok	0.78						
11586	ok	3.61						
11587	ok Av	5.27	0.16	0.09	5.3	2.8	134.7	72.3
11588	ok	4.26						
11589	ok	0.0						
11590	ok	4.59						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11591	ok	0.72						
11592	ok	0.0						
11593	ok	1.92						
11594	ok	2.07						
11595	ok	0.0						
11596	ok	2.31						
11597	ok	2.60						
11598	ok	3.95						
11599	ok	2.15						
11600	ok	4.91						
11601	ok	3.23						
11602	ok	4.38						
11603	ok Av	6.12	0.05	0.21	1.8	6.9	45.8	175.6
11604	ok Av	5.26	0.16	0.09	5.2	3.0	132.2	76.4
11605	ok	0.0						
11606	ok	1.16						
11607	ok	0.0						
11608	ok	0.0						
11609	ok	0.76						
11611	ok	0.0						
11612	ok	0.62						
11613	ok	0.0						
11614	ok	1.42						
11615	ok	1.11						
11616	ok	0.90						
11617	ok	1.12						
11618	ok Av	6.09	0.21	0.10	6.8	3.2	173.6	80.9
11619	ok	2.46						
11620	ok Av	5.41	0.18	0.03	6.1	1.1	154.9	27.9
11621	ok	1.49						
11622	ok	1.81						
11623	ok	1.46						
11624	ok	3.35						
11625	ok	0.90						
11626	ok	1.14						
11627	ok	0.69						
11628	ok	0.93						
11629	ok	0.45						
11630	ok	0.70						
11631	ok	0.57						
11632	ok	0.84						
11633	ok	0.34						
11634	ok	0.57						
11635	ok	1.24						
11636	ok	0.87						
11637	ok	0.97						
11638	ok	0.69						
11639	ok	1.35						
11640	ok	0.77						
11641	ok	0.62						
11642	ok	0.99						
11643	ok	0.78						
11644	ok	0.97						
11645	ok	0.83						
11646	ok	0.60						
11647	ok	0.54						
11648	ok	0.71						
11649	ok	0.61						
11650	ok	0.47						
11651	ok	0.50						
11652	ok	1.57						
11653	ok	0.89						
11654	ok	1.18						
11655	ok	3.12						
11656	ok	4.55						
11657	ok	2.29						
11658	ok	1.65						
11659	ok	2.77						
11660	ok	2.03						
11661	ok	4.97						
11662	ok Av	9.53	0.33	0.22	10.8	7.1	276.1	182.4

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11663	ok	0.0						
11664	ok	4.87						
11665	ok	3.80						
11666	ok	0.0						
11667	ok	4.96						
11668	ok	0.0						
11669	ok	4.23						
11670	ok Av	6.02	0.16	0.13	5.4	4.2	137.3	107.7
11671	ok	1.93						
11672	ok	1.95						
11673	ok	2.26						
11674	ok	2.84						
11675	ok	3.29						
11676	ok	0.88						
11677	ok	1.01						
11678	ok	0.76						
11679	ok	0.99						
11680	ok	1.37						
11681	ok	0.82						
11682	ok	2.45						
11683	ok	2.44						
11684	ok	1.15						
11685	ok	1.62						
11686	ok	1.52						
11687	ok	1.80						
11688	ok	3.45						
11689	ok	4.73						
11690	ok	2.15						
11691	ok	2.59						
11692	ok	4.76						
11693	ok	0.0						
11694	ok	4.81						
11695	ok	0.0						
11696	ok	3.93						
11697	ok Av	5.09	0.14	0.10	4.8	3.3	121.8	83.2
11698	ok	4.93						
11699	ok	0.0						
11700	ok	1.94						
11701	ok	2.30						
11702	ok	2.59						
11703	ok	3.20						
11704	ok	1.19						
11705	ok	1.34						
11706	ok	1.54						
11707	ok	0.56						
11708	ok	0.91						
11709	ok	1.32						
11710	ok	1.01						
11711	ok	0.84						
11712	ok	0.91						
11713	ok	1.93						
11714	ok	2.51						
11715	ok	2.44						
11716	ok	0.0						
11717	ok	3.82						
11718	ok	0.55						
11719	ok	0.67						
11720	ok	1.09						
11721	ok	1.59						
11722	ok	2.20						
11723	ok	3.05						
11724	ok	3.68						
11725	ok	2.56						
11726	ok	1.85						
11727	ok	1.35						
11728	ok	0.95						
11729	ok	0.60						
11730	ok	0.75						
11731	ok	0.87						
11732	ok	0.91						
11733	ok	0.89						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11734	ok	0.73						
11735	ok	0.70						
11736	ok	0.74						
11737	ok	0.76						
11738	ok	0.73						
11739	ok	0.60						
11740	ok	1.01						
11741	ok	0.91						
11742	ok	0.80						
11743	ok	0.69						
11744	ok	0.53						
11745	ok	1.40						
11746	ok	1.17						
11747	ok	0.97						
11748	ok	0.79						
11749	ok	0.54						
11750	ok	1.83						
11751	ok	1.45						
11752	ok	1.14						
11753	ok	0.89						
11754	ok	0.57						
11755	ok	2.23						
11756	ok	1.68						
11757	ok	1.28						
11758	ok	0.97						
11759	ok	0.60						
11760	ok	2.50						
11761	ok	1.82						
11762	ok	1.36						
11763	ok	1.01						
11764	ok	0.62						
11765	ok Av	5.24	0.18	5.35e-03	6.0	0.2	152.0	4.5
11766	ok	0.42						
11767	ok	0.68						
11768	ok	1.11						
11769	ok	1.69						
11770	ok	2.47						
11771	ok	4.12						
11772	ok Av	5.40	0.16	0.09	5.3	3.1	135.8	79.2
11773	ok	0.49						
11774	ok	0.0						
11775	ok	0.59						
11776	ok	0.42						
11777	ok	0.71						
11778	ok	1.19						
11779	ok	1.84						
11780	ok	2.82						
11781	ok	4.44						
11782	ok	0.0						
11783	ok	0.0						
11784	ok	0.41						
11785	ok	0.71						
11786	ok	1.17						
11787	ok	1.81						
11788	ok	2.76						
11789	ok	4.96						
11790	ok	0.0						
11791	ok	0.68						
11792	ok	0.50						
11793	ok	0.37						
11794	ok	0.41						
11795	ok	2.19						
11796	ok	0.44						
11797	ok	0.39						
11798	ok	0.70						
11799	ok	1.05						
11800	ok	1.42						
11801	ok	1.77						
11802	ok	2.05						
11803	ok	3.12						
11804	ok	4.69						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11805	ok	0.0						
11806	ok	0.31						
11807	ok	0.33						
11808	ok	0.40						
11809	ok	0.53						
11810	ok	0.65						
11811	ok	0.71						
11812	ok	0.90						
11813	ok	1.06						
11814	ok	1.16						
11815	ok	1.34						
11816	ok	1.60						
11817	ok	1.78						
11818	ok	1.82						
11819	ok	2.34						
11820	ok	2.75						
11821	ok	2.49						
11822	ok	3.78						
11823	ok	4.79						
11824	ok	2.99						
11825	ok	4.93						
11826	ok	0.0						
11827	ok	2.45						
11828	ok	1.28						
11829	ok	0.0						
11830	ok	1.97						
11831	ok	1.13						
11832	ok	0.0						
11833	ok	0.0						
11834	ok	0.0						
11835	ok	0.0						
11836	ok	0.0						
11837	ok	1.67						
11838	ok	0.0						
11839	ok	1.82						
11840	ok	1.84						
11841	ok	2.26						
11842	ok	2.98						
11843	ok	0.32						
11844	ok	0.36						
11845	ok	0.55						
11846	ok	1.00						
11847	ok	0.90						
11848	ok	1.42						
11849	ok	0.63						
11850	ok	1.01						
11851	ok	1.37						
11852	ok	1.10						
11853	ok	1.08						
11854	ok	0.86						
11855	ok	0.78						
11856	ok	0.58						
11857	ok	0.81						
11858	ok	0.53						
11859	ok	1.34						
11860	ok	1.30						
11861	ok	0.68						
11862	ok	1.27						
11863	ok	1.25						
11864	ok	1.42						
11865	ok	1.30						
11866	ok	1.39						
11867	ok	0.81						
11868	ok	1.14						
11869	ok	1.00						
11870	ok	1.05						
11871	ok	1.29						
11872	ok	1.52						
11873	ok	1.58						
11874	ok	1.33						
11875	ok	1.39						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11876	ok	1.70						
11877	ok	1.88						
11878	ok	1.72						
11879	ok	0.37						
11880	ok	0.40						
11881	ok	0.43						
11882	ok	0.68						
11883	ok	0.48						
11884	ok	0.74						
11885	ok	1.35						
11886	ok	0.46						
11887	ok	1.91						
11888	ok	1.30						
11889	ok	1.19						
11890	ok	1.04						
11891	ok	0.87						
11892	ok	0.54						
11893	ok	0.57						
11894	ok	1.67						
11895	ok	1.38						
11896	ok	1.12						
11897	ok	0.89						
11898	ok	0.56						
11899	ok	1.43						
11900	ok	0.69						
11901	ok	2.21						
11902	ok	1.78						
11903	ok	2.76						
11904	ok	1.58						
11905	ok	2.60						
11906	ok	1.48						
11907	ok	1.72						
11908	ok	0.45						
11909	ok	1.75						
11910	ok	1.92						
11911	ok	1.95						
11912	ok	2.15						
11913	ok	2.55						
11914	ok	2.85						
11915	ok	1.00						
11916	ok	1.42						
11917	ok	1.10						
11918	ok	1.23						
11919	ok	1.38						
11920	ok	0.80						
11921	ok	0.87						
11922	ok	0.64						
11923	ok	0.68						
11924	ok	1.02						
11925	ok	0.43						
11926	ok	0.46						
11927	ok	0.55						
11928	ok	0.58						
11929	ok	0.34						
11930	ok	0.35						
11931	ok	1.02						
11932	ok	3.51						
11933	ok	1.16						
11934	ok	0.79						
11935	ok	0.86						
11936	ok	1.78						
11937	ok	2.44						
11938	ok	1.45						
11939	ok	1.25						
11940	ok	2.57						
11941	ok	1.90						
11942	ok	1.92						
11943	ok	1.48						
11944	ok	2.34						
11945	ok	3.24						
11946	ok	2.21						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11947	ok	2.94						
11948	ok	2.25						
11949	ok	3.10						
11950	ok	2.21						
11951	ok	2.94						
11952	ok	1.56						
11953	ok	1.79						
11954	ok	1.93						
11955	ok	2.55						
11956	ok	0.0						
11957	ok	0.95						
11958	ok	0.95						
11959	ok	0.89						
11960	ok	1.03						
11961	ok	1.26						
11962	ok	0.86						
11963	ok	1.04						
11964	ok	0.0						
11965	ok	1.35						
11966	ok	1.37						
11967	ok	1.48						
11968	ok	2.03						
11969	ok	2.57						
11970	ok	1.67						
11971	ok	1.91						
11972	ok	0.0						
11973	ok	2.39						
11974	ok	3.22						
11975	ok	2.51						
11976	ok	3.41						
11977	ok	2.11						
11978	ok	2.73						
11979	ok	2.35						
11980	ok	0.0						
11981	ok	3.22						
11982	ok	1.57						
11983	ok	1.79						
11984	ok	1.81						
11985	ok	2.18						
11986	ok	1.16						
11987	ok	1.22						
11988	ok	2.04						
11989	ok	0.92						
11990	ok	0.95						
11991	ok	1.07						
11992	ok	1.01						
11993	ok	1.36						
11994	ok	1.57						
11995	ok	1.55						
11996	ok	3.01						
11997	ok	1.73						
11998	ok	1.52						
11999	ok	2.73						
12000	ok	0.75						
12001	ok	2.73						
12002	ok	4.31						
12003	ok	2.60						
12004	ok	0.72						
12005	ok	2.13						
12006	ok	0.88						
12007	ok	0.0						
12008	ok	2.61						
12009	ok	0.0						
12010	ok	1.73						
12011	ok	0.0						
12012	ok	0.56						
12013	ok	0.92						
12014	ok	1.41						
12015	ok Av	7.29	0.25	0.04	8.2	1.5	209.1	37.9
12016	ok	1.74						
12017	ok Av	6.65	0.22	0.05	7.4	1.5	189.0	38.7

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12018	ok	3.87						
12019	ok	2.49						
12020	ok	2.87						
12021	ok	2.40						
12022	ok	0.42						
12023	ok	0.42						
12024	ok	1.44						
12025	ok	1.97						
12026	ok	2.51						
12027	ok	0.68						
12028	ok	0.98						
12029	ok	1.32						
12030	ok	0.77						
12031	ok	0.84						
12032	ok Av	6.22	0.21	0.04	6.9	1.5	176.5	37.1
12033	ok	1.38						
12034	ok	1.20						
12035	ok	1.45						
12036	ok	1.52						
12037	ok	1.69						
12038	ok	3.01						
12039	ok	0.91						
12040	ok	0.59						
12041	ok	0.99						
12042	ok	0.68						
12043	ok	1.81						
12044	ok	3.64						
12045	ok	1.54						
12046	ok	1.84						
12047	ok	0.0						
12048	ok	1.92						
12049	ok	0.0						
12050	ok	0.0						
12051	ok	2.22						
12052	ok	2.36						
12053	ok	2.25						
12054	ok	2.16						
12055	ok	0.0						
12056	ok	2.54						
12057	ok	0.0						
12058	ok	1.81						
12059	ok	0.0						
12060	ok	0.0						
12061	ok	0.78						
12062	ok	0.91						
12063	ok	0.85						
12064	ok	1.06						
12065	ok	1.53						
12066	ok	2.00						
12067	ok	2.56						
12068	ok	0.0						
12069	ok	1.20						
12070	ok	1.43						
12071	ok	1.60						
12072	ok	1.97						
12073	ok	1.17						
12074	ok	1.42						
12075	ok	1.80						
12076	ok	4.65						
12077	ok	2.51						
12078	ok	0.55						
12079	ok	0.40						
12080	ok	0.44						
12081	ok	0.35						
12082	ok	0.48						
12083	ok	0.40						
12084	ok	0.0						
12085	ok	0.63						
12086	ok	0.36						
12087	ok	0.56						
12088	ok	1.35						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12089	ok	0.79						
12090	ok	0.77						
12091	ok	1.57						
12092	ok	2.08						
12093	ok	1.53						
12094	ok	1.37						
12095	ok	1.14						
12096	ok	0.80						
12097	ok	1.00						
12098	ok	1.09						
12099	ok	1.05						
12100	ok	3.08						
12101	ok	0.92						
12102	ok	0.62						
12103	ok	1.10						
12104	ok	1.21						
12105	ok	1.15						
12106	ok	1.00						
12107	ok	0.68						
12108	ok	1.02						
12109	ok	1.17						
12110	ok	0.71						
12111	ok	0.48						
12112	ok	0.98						
12113	ok	1.07						
12114	ok	0.72						
12115	ok	1.06						
12116	ok	0.46						
12117	ok	0.78						
12118	ok	0.41						
12119	ok	0.92						
12120	ok	1.22						
12121	ok	1.78						
12122	ok	3.55						
12123	ok	0.63						
12124	ok	3.88						
12125	ok	1.96						
12126	ok	0.0						
12127	ok	0.0						
12128	ok Av	6.97	0.03	0.24	1.1	7.8	27.1	200.3
12129	ok Av	7.31	0.01	0.25	0.4	8.3	10.8	211.9
12130	ok Av	8.92	4.18e-03	0.31	0.1	10.1	3.5	258.6
12131	ok	4.18						
12132	ok	0.0						
12133	ok	1.04						
12134	ok	1.34						
12135	ok	1.75						
12136	ok	2.41						
12137	ok	0.79						
12138	ok	0.52						
12139	ok	0.59						
12140	ok	0.49						
12141	ok	0.46						
12142	ok	0.45						
12143	ok	0.45						
12144	ok	0.58						
12145	ok	0.45						
12146	ok	0.77						
12147	ok	1.02						
12148	ok	1.34						
12149	ok	2.36						
12150	ok	0.0						
12151	ok	0.0						
12152	ok	0.0						
12153	ok	1.09						
12154	ok	0.70						
12155	ok	0.47						
12156	ok	0.46						
12157	ok	0.63						
12158	ok	0.85						
12159	ok	1.03						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12160	ok	1.17						
12161	ok	1.14						
12162	ok	0.79						
12163	ok	0.55						
12164	ok	0.45						
12165	ok	0.50						
12166	ok	0.65						
12167	ok	0.78						
12168	ok	0.91						
12169	ok	1.22						
12170	ok	0.91						
12171	ok	0.66						
12172	ok	0.50						
12173	ok	0.47						
12174	ok	0.52						
12175	ok	0.61						
12176	ok	0.70						
12177	ok	1.33						
12178	ok	1.02						
12179	ok	1.28						
12180	ok	0.67						
12181	ok	0.86						
12182	ok	1.28						
12183	ok	0.94						
12184	ok	0.73						
12185	ok	3.06						
12186	ok	1.88						
12187	ok	0.0						
12188	ok	0.0						
12189	ok	3.09						
12190	ok	4.92						
12191	ok	1.03						
12192	ok	1.31						
12193	ok	1.68						
12194	ok	2.24						
12195	ok	0.77						
12196	ok	0.63						
12197	ok	0.63						
12198	ok	0.64						
12199	ok	0.65						
12200	ok	0.58						
12201	ok	0.61						
12202	ok	0.57						
12203	ok	0.53						
12204	ok	0.73						
12205	ok	0.90						
12206	ok	0.99						
12207	ok	0.71						
12208	ok	0.52						
12209	ok	0.43						
12210	ok	0.41						
12211	ok	0.43						
12212	ok	0.49						
12213	ok	0.81						
12214	ok	0.68						
12215	ok	0.60						
12216	ok	0.57						
12217	ok	0.58						
12218	ok	0.62						
12219	ok	0.66						
12220	ok	0.95						
12221	ok	0.70						
12222	ok	0.54						
12223	ok	0.44						
12224	ok	0.40						
12225	ok	0.39						
12226	ok	0.41						
12227	ok	0.72						
12228	ok	0.73						
12229	ok	0.79						
12230	ok	0.89						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12231	ok	1.05						
12232	ok	1.20						
12233	ok	1.33						
12234	ok	0.74						
12235	ok	0.68						
12236	ok	0.68						
12237	ok	0.72						
12238	ok	0.80						
12239	ok	0.89						
12240	ok	0.97						
12241	ok	1.19						
12242	ok	1.10						
12243	ok	1.19						
12244	ok	1.52						
12245	ok	2.09						
12246	ok	3.03						
12247	ok	4.10						
12248	ok	0.95						
12249	ok	0.80						
12250	ok	0.95						
12251	ok	0.83						
12252	ok	1.06						
12253	ok	0.92						
12254	ok	1.31						
12255	ok	1.11						
12256	ok	1.64						
12257	ok	1.35						
12258	ok	2.08						
12259	ok	1.58						
12260	ok	2.45						
12261	ok	1.77						
12262	ok	2.00						
12263	ok	1.16						
12264	ok	0.81						
12265	ok	1.48						
12266	ok	2.54						
12267	ok	4.06						
12268	ok	0.0						
12269	ok	1.53						
12270	ok	1.15						
12271	ok	1.12						
12272	ok	1.58						
12273	ok	2.40						
12274	ok	4.03						
12275	ok Av	16.88	0.46	0.36	15.2	12.0	387.8	306.7
12276	ok	2.26						
12277	ok	1.17						
12278	ok	0.46						
12279	ok	1.20						
12280	ok	2.22						
12281	ok	4.33						
12282	ok	0.0						
12283	ok	2.36						
12284	ok	1.30						
12285	ok	0.59						
12286	ok	1.23						
12287	ok	2.13						
12288	ok	3.53						
12289	ok Av	5.31	0.15	0.10	5.0	3.4	127.2	86.5
12290	ok	2.12						
12291	ok	1.45						
12292	ok	1.12						
12293	ok	1.16						
12294	ok	1.36						
12295	ok	1.64						
12296	ok	1.87						
12297	ok	2.48						
12298	ok	1.52						
12299	ok	0.98						
12300	ok	1.32						
12301	ok	1.74						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12302	ok	2.31						
12303	ok	2.78						
12304	ok	0.91						
12305	ok	0.80						
12306	ok	0.71						
12307	ok	0.65						
12308	ok	0.59						
12309	ok	0.54						
12310	ok	0.54						
12311	ok	1.12						
12312	ok	1.41						
12313	ok	1.78						
12314	ok	0.91						
12315	ok	1.12						
12316	ok	1.34						
12317	ok	0.77						
12318	ok	0.90						
12319	ok	1.05						
12320	ok	0.67						
12321	ok	0.83						
12322	ok	0.97						
12323	ok	0.60						
12324	ok	0.81						
12325	ok	1.05						
12326	ok	0.51						
12327	ok	0.79						
12328	ok	1.16						
12329	ok	0.40						
12330	ok	0.81						
12331	ok	1.27						
12332	ok	0.78						
12333	ok	0.77						
12334	ok	0.82						
12335	ok	0.96						
12336	ok	1.12						
12337	ok	1.26						
12338	ok	1.37						
12339	ok	0.79						
12340	ok	0.97						
12341	ok	1.23						
12342	ok	1.61						
12343	ok	2.18						
12344	ok	3.12						
12345	ok	4.19						
12346	ok	0.72						
12347	ok	0.82						
12348	ok	1.01						
12349	ok	1.26						
12350	ok	1.53						
12351	ok	1.87						
12352	ok	2.20						
12353	ok	0.86						
12354	ok	0.0						
12355	ok	1.11						
12356	ok	1.45						
12357	ok	1.94						
12358	ok	0.0						
12359	ok	2.76						
12360	ok	4.34						
12361	ok Av	17.77	0.47	0.43	15.6	14.1	397.2	361.0
12362	ok	0.0						
12363	ok	0.89						
12364	ok	1.18						
12365	ok	1.57						
12366	ok	2.24						
12367	ok	2.10						
12368	ok	2.96						
12369	ok	4.34						
12370	ok	0.80						
12371	ok	0.0						
12372	ok	0.78						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12373	ok	1.03						
12374	ok	1.38						
12375	ok	1.35						
12376	ok	1.79						
12377	ok	2.44						
12378	ok	0.52						
12379	ok	3.67						
12380	ok	4.68						
12381	ok	0.0						
12382	ok	0.38						
12383	ok	4.61						
12384	ok	2.81						
12385	ok	1.99						
12386	ok	0.76						
12387	ok	1.48						
12388	ok	1.12						
12389	ok	0.84						
12390	ok	0.81						
12391	ok	0.72						
12392	ok	0.65						
12393	ok	0.85						
12394	ok	1.08						
12395	ok	1.34						
12396	ok	1.59						
12397	ok	1.82						
12398	ok	0.43						
12399	ok	1.96						
12400	ok	2.89						
12401	ok	2.41						
12402	ok	0.58						
12403	ok	1.94						
12404	ok	1.54						
12405	ok	1.20						
12406	ok	0.34						
12407	ok	0.91						
12408	ok	0.68						
12409	ok	0.65						
12410	ok	0.33						
12411	ok	0.68						
12412	ok	0.77						
12413	ok	0.93						
12414	ok	0.61						
12415	ok	1.04						
12416	ok	1.07						
12417	ok	1.01						
12418	ok	0.35						
12419	ok	0.65						
12420	ok	0.56						
12421	ok	0.65						
12422	ok	1.36						
12423	ok	0.75						
12424	ok	0.80						
12425	ok	0.75						
12426	ok	1.23						
12427	ok	1.05						
12428	ok	0.85						
12429	ok	0.57						
12430	ok	1.22						
12431	ok	0.88						
12432	ok	0.60						
12433	ok	0.61						
12434	ok	0.76						
12435	ok	0.85						
12436	ok	0.83						
12437	ok	0.69						
12438	ok	1.52						
12439	ok	1.60						
12440	ok	0.94						
12441	ok	0.66						
12442	ok	1.65						
12443	ok	0.84						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12444	ok	1.07						
12445	ok	1.32						
12446	ok	1.64						
12447	ok	1.70						
12448	ok	2.00						
12449	ok	2.01						
12450	ok	1.65						
12451	ok	1.30						
12452	ok	0.80						
12453	ok	0.86						
12454	ok	1.66						
12455	ok	1.09						
12456	ok	1.57						
12457	ok	1.94						
12458	ok	1.62						
12459	ok	0.0						
12460	ok	2.45						
12461	ok	1.35						
12462	ok	1.66						
12463	ok	0.77						
12464	ok	0.84						
12465	ok	1.04						
12466	ok	1.52						
12467	ok	1.44						
12468	ok	2.77						
12469	ok	0.0						
12470	ok	1.59						
12471	ok	2.92						
12472	ok	2.16						
12473	ok	1.57						
12474	ok	1.39						
12475	ok	1.20						
12476	ok	1.71						
12477	ok	2.20						
12478	ok	1.42						
12479	ok	3.57						
12480	ok	0.0						
12481	ok	0.0						
12482	ok	1.43						
12483	ok	0.0						
12484	ok Av	14.96	0.04	0.51	1.5	17.0	37.8	433.5
12485	ok Av	9.94	0.02	0.34	0.5	11.3	13.0	288.1
12486	ok	2.00						
12487	ok	4.90						
12488	ok	0.0						
12489	ok	3.89						
12490	ok	3.40						
12491	ok	3.61						
12492	ok Av	10.03	0.01	0.34	0.3	11.4	8.6	290.7
12493	ok	4.92						
12494	ok Av	7.46	0.18	0.18	6.0	6.1	154.2	156.7
12495	ok	0.0						
12496	ok	0.0						
12497	ok	4.59						
12498	ok Av	28.61	0.37	0.98	12.1	32.4	309.9	826.6
12499	ok Av	6.15	0.02	0.21	0.8	7.0	19.8	177.5
12500	ok	4.52						
12501	ok Av	17.78	0.31	0.53	10.2	17.6	261.2	448.6
12502	ok	1.13						
12503	ok	2.03						
12504	ok	0.0						
12505	ok	1.32						
12506	ok	2.17						
12507	ok	0.0						
12508	ok	2.45						
12509	ok	0.0						
12510	ok	1.69						
12511	ok	2.39						
12512	ok	1.89						
12513	ok	1.99						
12514	ok	1.66						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12515	ok	1.05						
12516	ok	1.37						
12517	ok	2.52						
12518	ok	1.75						
12519	ok	1.49						
12520	ok	0.80						
12521	ok	1.13						
12522	ok	0.63						
12523	ok	0.75						
12524	ok	0.85						
12525	ok	0.79						
12526	ok	0.43						
12527	ok	0.58						
12528	ok	0.45						
12529	ok	0.46						
12530	ok	0.78						
12531	ok	0.77						
12532	ok	0.51						
12533	ok	0.71						
12534	ok	0.57						
12535	ok	0.80						
12536	ok	0.69						
12537	ok	0.61						
12538	ok	0.62						
12539	ok	0.72						
12540	ok	0.52						
12541	ok	0.97						
12542	ok	0.67						
12543	ok	0.49						
12544	ok	1.01						
12545	ok	0.49						
12546	ok	0.71						
12547	ok	0.72						
12548	ok	0.48						
12549	ok	0.54						
12550	ok	1.01						
12551	ok	0.66						
12552	ok	0.46						
12553	ok	0.63						
12554	ok	1.17						
12555	ok	0.98						
12556	ok	0.44						
12557	ok	0.47						
12558	ok	0.68						
12559	ok	0.81						
12560	ok	0.94						
12561	ok	0.68						
12562	ok	0.75						
12563	ok	0.54						
12564	ok	0.57						
12565	ok	0.84						
12566	ok	1.41						
12567	ok	1.13						
12568	ok	1.00						
12569	ok	1.55						
12570	ok	1.27						
12571	ok	0.91						
12572	ok	1.17						
12573	ok	1.47						
12574	ok	1.07						
12575	ok	1.62						
12576	ok	1.33						
12577	ok	1.14						
12578	ok	1.67						
12579	ok	1.37						
12580	ok	1.12						
12581	ok	1.64						
12582	ok	1.35						
12583	ok	1.12						
12584	ok	1.35						
12585	ok	1.65						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12586	ok	1.07						
12587	ok	1.57						
12588	ok	1.31						
12589	ok	1.06						
12590	ok	1.30						
12591	ok	1.58						
12592	ok	1.14						
12593	ok	1.60						
12594	ok	1.39						
12595	ok	1.30						
12596	ok	1.89						
12597	ok	1.58						
12598	ok	1.48						
12599	ok	2.32						
12600	ok	1.76						
12601	ok	2.05						
12602	ok	3.17						
12603	ok	2.31						
12604	ok	2.25						
12605	ok	4.23						
12606	ok	3.16						
12607	ok	2.21						
12608	ok Av	6.38	0.06	0.22	2.0	7.2	50.7	184.6
12609	ok	3.49						
12610	ok	3.39						
12611	ok Av	7.66	0.09	0.26	3.1	8.6	79.0	219.4
12612	ok	3.41						
12613	ok	1.69						
12614	ok	2.13						
12615	ok	3.38						
12616	ok	0.0						
12617	ok	2.23						
12618	ok	3.10						
12619	ok	0.90						
12620	ok	1.36						
12621	ok	0.52						
12622	ok	0.44						
12623	ok	0.61						
12624	ok	1.04						
12625	ok	0.87						
12626	ok	1.32						
12627	ok	1.40						
12628	ok	1.03						
12629	ok	1.39						
12630	ok	0.60						
12631	ok	0.57						
12632	ok	0.71						
12633	ok	0.97						
12634	ok	0.72						
12635	ok	0.81						
12636	ok	0.73						
12637	ok	0.86						
12638	ok	0.92						
12639	ok	0.93						
12640	ok	0.92						
12641	ok	0.92						
12642	ok	0.89						
12643	ok	1.00						
12644	ok	1.10						
12645	ok	1.23						
12646	ok	1.56						
12647	ok	1.81						
12648	ok	2.18						
12649	ok	1.91						
12650	ok	0.0						
12651	ok	3.74						
12652	ok	0.0						
12653	ok	0.0						
12654	ok	0.0						
12655	ok	0.0						
12656	ok	2.51						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12657	ok	3.03						
12658	ok	0.0						
12659	ok	0.0						
12660	ok	0.96						
12661	ok	0.94						
12662	ok	1.62						
12663	ok	1.51						
12664	ok	0.75						
12665	ok	0.62						
12666	ok	0.42						
12667	ok	0.52						
12668	ok	0.41						
12669	ok	0.58						
12670	ok	1.98						
12671	ok	1.42						
12672	ok	1.46						
12673	ok	1.14						
12674	ok	2.67						
12675	ok	1.83						
12676	ok	2.69						
12677	ok	1.95						
12678	ok	2.05						
12679	ok	1.47						
12680	ok	2.68						
12681	ok	1.92						
12682	ok	0.82						
12683	ok	0.67						
12684	ok	1.00						
12685	ok	1.30						
12686	ok	1.73						
12687	ok	0.77						
12688	ok	1.00						
12689	ok	1.32						
12690	ok	0.71						
12691	ok	0.67						
12692	ok	0.57						
12693	ok	0.67						
12694	ok	0.57						
12695	ok	0.62						
12696	ok	0.58						
12697	ok	0.70						
12698	ok	0.61						
12699	ok	0.75						
12700	ok	0.66						
12701	ok	0.78						
12702	ok	0.62						
12703	ok	0.76						
12704	ok	0.77						
12705	ok	0.82						
12706	ok	0.66						
12707	ok	0.76						
12708	ok	0.89						
12709	ok	0.87						
12710	ok	0.89						
12711	ok	0.90						
12712	ok	1.37						
12713	ok	1.03						
12714	ok	2.31						
12715	ok	1.49						
12716	ok	3.01						
12717	ok	2.43						
12718	ok	4.80						
12719	ok	2.05						
12720	ok	4.61						
12721	ok	4.32						
12722	ok	1.90						
12723	ok	2.27						
12724	ok	2.51						
12725	ok	3.59						
12726	ok	3.16						
12727	ok	0.0						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12728	ok	2.99						
12729	ok	0.0						
12730	ok	2.07						
12731	ok	2.87						
12732	ok	3.18						
12733	ok	0.0						
12734	ok	0.74						
12735	ok	0.88						
12736	ok	1.40						
12737	ok	1.62						
12738	ok	1.18						
12739	ok	0.98						
12740	ok	0.68						
12741	ok	0.42						
12742	ok	0.49						
12743	ok	0.40						
12744	ok	4.44						
12745	ok	3.21						
12746	ok	2.06						
12747	ok	1.86						
12748	ok	0.0						
12749	ok	4.58						
12750	ok	0.73						
12751	ok	0.50						
12752	ok	4.72						
12753	ok	3.12						
12754	ok	0.0						
12755	ok	1.94						
12756	ok	1.13						
12757	ok	1.01						
12758	ok	1.43						
12759	ok	1.86						
12760	ok	2.60						
12761	ok	1.28						
12762	ok	1.67						
12763	ok	2.28						
12764	ok	0.83						
12765	ok	0.73						
12766	ok	0.46						
12767	ok	0.47						
12768	ok	0.59						
12769	ok	0.54						
12770	ok	0.37						
12771	ok	0.44						
12772	ok	0.30						
12773	ok	0.44						
12774	ok	0.39						
12775	ok	0.53						
12776	ok	0.32						
12777	ok	0.47						
12778	ok	0.68						
12779	ok	0.71						
12780	ok	0.48						
12781	ok	0.56						
12782	ok	0.92						
12783	ok	0.91						
12784	ok	0.0						
12785	ok	0.0						
12786	ok	0.0						
12787	ok	0.0						
12788	ok	0.0						
12789	ok	0.0						
12790	ok	2.55						
12791	ok	3.19						
12792	ok	1.46						
12793	ok	1.38						
12794	ok	1.18						
12795	ok	1.09						
12796	ok	1.57						
12797	ok	1.85						
12798	ok	2.18						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12799	ok	2.34						
12800	ok	1.50						
12801	ok	2.19						
12802	ok	0.65						
12803	ok	1.21						
12804	ok	1.17						
12805	ok	0.0						
12806	ok Av	6.03	0.03	0.20	0.9	6.8	23.7	173.3
12807	ok	0.0						
12808	ok	4.75						
12809	ok	0.0						
12810	ok	0.0						
12811	ok	3.47						
12812	ok	0.0						
12813	ok	1.06						
12814	ok	1.38						
12815	ok	1.81						
12816	ok	2.44						
12817	ok	0.78						
12818	ok	0.46						
12819	ok	0.56						
12820	ok	0.39						
12821	ok	0.35						
12822	ok	0.37						
12823	ok	0.35						
12824	ok	0.0						
12825	ok	0.0						
12826	ok	0.0						
12827	ok	2.60						
12828	ok	1.42						
12829	ok	1.10						
12830	ok	0.84						
12831	ok	0.60						
12832	ok	0.43						
12833	ok	1.21						
12834	ok	0.64						
12835	ok	1.05						
12836	ok	1.31						
12837	ok	1.45						
12838	ok	1.64						
12839	ok	1.71						
12840	ok	1.04						
12841	ok	0.85						
12842	ok	0.0						
12843	ok	0.0						
12844	ok	2.19						
12845	ok	0.95						
12846	ok	1.12						
12847	ok	1.36						
12848	ok	1.57						
12849	ok	1.63						
12850	ok	1.44						
12851	ok	1.24						
12852	ok	0.58						
12853	ok	0.39						
12854	ok	0.54						
12855	ok	0.82						
12856	ok	1.11						
12857	ok	1.36						
12858	ok	1.55						
12859	ok	0.0						
12860	ok	0.0						
12861	ok	0.0						
12862	ok Av	6.03	0.21	3.47e-03	6.9	0.1	175.0	2.9
12863	ok	4.28						
12864	ok Av	5.10	0.17	8.38e-04	5.8	2.78e-02	147.8	0.7
12865	ok	3.31						
12866	ok	3.68						
12867	ok	2.76						
12868	ok	2.96						
12869	ok	3.11						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
12870	ok	1.54						
12871	ok	2.33						
12872	ok	0.82						
12873	ok	1.16						
12874	ok	3.02						
12875	ok	2.17						
12876	ok	4.16						
12877	ok	4.10						
12878	ok	3.95						
12879	ok	3.59						
12880	ok	3.75						
12881	ok	3.25						
12882	ok	3.42						
12883	ok	3.10						
12884	ok	2.79						
12885	ok	2.51						
12886	ok	2.64						
12887	ok	3.28						
12888	ok	2.54						
12889	ok	4.41						
12890	ok Av	5.33	0.18	5.09e-03	6.1	0.2	154.6	4.3
12891	ok Av	6.47	0.22	5.02e-03	7.3	0.2	187.6	4.2
12892	ok Av	8.81	0.30	0.01	10.0	0.4	255.3	11.2
12893	ok Av	7.99	0.27	8.25e-03	9.1	0.3	231.8	7.0
12894	ok Av	24.45	0.84	0.09	27.7	2.9	707.6	73.9
12895	ok Av	39.51	1.00	0.89	37.9	29.6	890.8	755.3
12896	ok Av	24.37	0.75	0.37	24.8	12.2	634.4	311.3
12897	ok	0.0						
12898	ok	4.24						
13080	ok Av	6.93	0.06	0.24	1.9	7.9	47.8	201.1
13207	ok	0.0						
13208	ok Av	5.06	6.14e-04	0.17	2.04e-02	5.7	0.5	146.6
13209	ok	0.0						
13210	ok Av	7.38	4.85e-03	0.25	0.2	8.4	4.1	214.0
13211	ok Av	6.11	1.34e-03	0.21	4.45e-02	6.9	1.1	177.1
13212	ok	0.0						
13213	ok	0.0						
13214	ok	0.0						
13215	ok	0.0						
13217	ok	0.0						
13218	ok	0.0						
13219	ok	1.60						
13220	ok	1.11						
13221	ok	1.00						
13222	ok	1.29						
13223	ok	3.50						
13420	ok	0.74						
13427	ok	2.15						
13434	ok	4.11						
13441	ok	2.63						
13444	ok	2.22						
13455	ok	3.10						
13458	ok	0.0						
13469	ok	1.28						
13476	ok	1.76						
13483	ok	0.0						
13490	ok	0.0						
13493	ok	0.0						
13592	ok	1.00						
13593	ok Av	6.21	0.14	0.16	4.8	5.2	121.5	132.9
13594	ok Av	23.74	0.66	0.47	22.0	15.5	562.7	396.8
13595	ok	2.76						
13596	ok	1.29						
13597	ok	1.27						
13598	ok	1.29						
13599	ok Av	8.97	0.30	0.17	10.0	5.7	254.6	145.0
13600	ok	3.65						
13601	ok	3.25						
13602	ok	4.45						
13603	ok Av	16.62	0.02	0.57	0.8	18.9	19.2	481.7
13604	ok Av	26.55	0.04	0.91	1.4	30.1	36.0	769.2

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13605	ok Av	20.67	0.03	0.71	1.0	23.5	25.2	598.8
13606	ok Av	18.47	0.02	0.63	0.8	21.0	20.0	535.2
13607	ok Av	5.49	0.02	0.19	0.7	6.2	17.4	158.4
13608	ok	0.74						
13609	ok	0.76						
13610	ok	2.08						
13611	ok Av	10.29	0.02	0.35	0.8	11.7	20.7	297.9
13612	ok	1.73						
13616	ok Av	7.80	0.02	0.27	0.6	8.8	16.4	225.5
13618	ok Av	5.59	0.19	0.04	6.3	1.3	160.7	32.6
13619	ok Av	28.08	0.96	0.05	31.8	1.8	813.1	46.1
13620	ok	1.31						
13621	ok Av	8.56	0.02	0.29	0.7	9.7	18.1	247.7
13622	ok	0.97						
13623	ok	0.95						
13624	ok	0.81						
13625	ok Av	14.78	0.02	0.51	0.7	16.8	19.0	428.1
13626	ok Av	12.85	0.02	0.44	0.7	14.6	18.8	372.1
13627	ok Av	10.79	0.02	0.37	0.7	12.2	18.7	312.3
13628	ok	0.98						
13629	ok	2.28						
13630	ok	1.82						
13631	ok	1.37						
13632	ok	0.93						
13633	ok	0.84						
13634	ok	0.94						
13635	ok	1.00						
13636	ok	1.24						
13637	ok	3.42						
13638	ok Av	15.33	0.03	0.52	0.9	17.4	24.1	443.8
13639	ok	1.19						
13640	ok Av	6.23	0.02	0.21	0.7	7.0	17.9	179.8
13641	ok	3.78						
13642	ok	0.52						
13643	ok	0.65						
13644	ok	0.40						
13645	ok	0.80						
13646	ok	0.80						
13647	ok	0.82						
13648	ok Av	13.16	0.02	0.45	0.8	14.9	20.3	381.0
13649	ok Av	16.62	0.02	0.57	0.7	18.9	18.2	481.8
13650	ok	2.46						
13651	ok	1.14						
13652	ok Av	18.06	0.02	0.62	0.7	20.5	18.8	523.5
13653	ok	3.08						
13654	ok	1.04						
13655	ok Av	19.50	0.03	0.67	0.9	22.1	23.5	565.2
13656	ok	3.49						
13657	ok	1.37						
13658	ok	0.0						
13659	ok	3.33						
13660	ok	4.05						
13661	ok	4.92						
13662	ok Av	5.30	0.03	0.18	0.8	6.0	21.4	152.3
13663	ok	1.29						
13664	ok	1.19						
13665	ok	1.23						
13666	ok Av	10.10	0.04	0.34	1.2	11.4	31.5	291.8
13667	ok Av	16.02	0.05	0.55	1.6	18.1	40.5	463.0
13668	ok Av	16.92	0.03	0.58	1.2	19.2	29.5	489.7
13669	ok Av	22.49	0.03	0.77	1.0	25.5	25.3	651.7
13670	ok Av	22.98	0.03	0.79	0.8	26.1	21.2	666.2
13671	ok Av	22.22	0.02	0.76	0.8	25.2	20.3	644.1
13672	ok Av	20.94	0.03	0.72	0.8	23.8	21.6	606.9
13673	ok Av	6.11	0.07	0.20	2.4	6.5	62.0	166.4
13674	ok Av	16.44	0.56	0.03	18.6	1.1	476.1	28.0
13675	ok Av	8.98	0.31	0.02	10.2	0.5	260.4	13.2
13676	ok	3.23						
13680	ok	4.00						
13681	ok	2.49						
13682	ok	0.86						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13683	ok	2.31						
13684	ok	1.15						
13685	ok	0.65						
13686	ok	1.66						
13687	ok	0.95						
13688	ok	0.73						
13689	ok	0.59						
13690	ok	0.65						
13691	ok	0.81						
13692	ok	0.83						
13693	ok	1.06						
13694	ok	0.89						
13695	ok	1.15						
13696	ok	1.19						
13697	ok	1.38						
13698	ok	1.38						
13699	ok	0.86						
13700	ok	3.99						
14047	ok Av	9.64	0.32	0.20	10.5	6.7	267.8	170.8
14048	ok Av	10.87	0.26	0.30	8.6	9.9	218.8	253.0
14052	ok	2.44						
14053	ok	2.09						
15995	ok	0.74						
15996	ok	0.59						
15997	ok	0.51						
15998	ok	0.69						
16145	ok	2.81						
16146	ok	1.44						
16147	ok	2.46						
16148	ok Av	6.09	0.01	0.21	0.4	6.9	6.1	111.9
16183	ok	0.74						
16184	ok	0.61						
16185	ok	0.83						
16186	ok	0.92						
16289	ok	2.81						
16292	ok	2.96						
16293	ok	1.37						
16294	ok	1.26						
16640	ok	1.68						
16641	ok	1.89						
16646	ok	4.21						
16647	ok Av	18.81	0.33	0.60	10.9	19.8	278.6	504.3
16648	ok Av	31.40	0.80	0.73	26.6	24.3	679.3	619.9
16649	ok Av	5.55	0.18	0.07	5.9	2.2	151.7	55.6
16650	ok	2.34						
16651	ok	1.40						
16652	ok	0.89						
16653	ok	1.67						
16654	ok	3.70						
16655	ok Av	12.87	0.21	0.40	6.8	13.4	173.7	342.7
16656	ok Av	25.77	0.64	0.65	21.3	21.5	542.9	549.2
16667	ok Av	32.23	0.91	0.62	30.3	20.6	773.0	525.5
16668	ok Av	11.88	0.18	0.39	6.0	13.0	153.7	331.2
16669	ok Av	18.81	0.30	0.58	10.0	19.3	256.4	492.5
16670	ok Av	12.37	0.17	0.42	5.8	13.9	148.1	354.5
16671	ok	4.29						
16711	ok Av	39.90	1.00	0.89	36.0	29.6	874.6	756.0
16712	ok Av	18.70	0.34	0.59	11.4	19.6	290.7	500.4
16962	ok	2.03						
16991	ok	3.94						
16992	ok	1.36						
16993	ok	3.77						
16994	ok Av	17.68	0.18	0.58	6.0	19.2	96.9	310.6
16995	ok	2.45						
16996	ok	2.41						
16997	ok	2.58						
16998	ok	2.68						
16999	ok	1.39						
17000	ok	1.24						
17001	ok	3.12						
17002	ok Av	8.21	0.21	0.22	7.1	7.4	114.8	119.2

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17003	ok	1.39						
17004	ok	0.68						
17005	ok	1.03						
17006	ok	2.41						
17007	ok	0.65						
17008	ok	1.27						
17009	ok	2.78						
17010	ok	4.05						
17079	ok	2.52						
17085	ok	4.04						
17086	ok	4.33						
17087	ok	1.27						
17088	ok	1.22						
17095	ok	1.91						
17098	ok Av	14.16	0.39	0.43	13.1	14.1	211.5	228.4
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		39.90	1.00	0.98	48.44	32.37	951.36	826.60

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
19	36.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
10792	ok	0.0	0.6	4.31e-02	11.8	11.8	11.8	11.8	-161.4	49.8	-1.7	50.2	-5.2	-3.8
10797	ok	0.0	0.4	3.13e-02	11.8	11.8	11.8	11.8	106.9	1.8	0.6	-33.1	-0.2	-0.3
11045	ok	0.0	0.6	3.80e-02	11.8	11.8	11.8	11.8	-136.9	29.1	9.7	52.2	7.2	11.1
11046	ok	0.0	0.5	4.12e-02	11.8	11.8	11.8	11.8	-100.4	-1.5	19.4	33.5	5.5	10.8
11047	ok	0.0	0.4	2.69e-02	11.8	11.8	11.8	11.8	-110.1	5.6	19.2	20.4	2.5	10.3
14048	ok	0.0	0.6	4.04e-02	11.8	11.8	11.8	11.8	-150.7	32.6	3.6	49.1	-2.1	9.7
14052	ok	0.0	0.5	2.90e-02	11.8	11.8	11.8	11.8	111.2	6.2	-15.4	-33.2	0.4	-0.1
16697	ok	0.0	0.5	4.87e-02	11.8	11.8	11.8	11.8	-185.7	-18.5	8.9	39.5	3.0	6.5
16753	ok	0.0	0.5	4.24e-02	11.8	11.8	11.8	11.8	-156.5	-14.3	14.5	36.9	5.3	9.8
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-185.67	-18.48	-15.45	-33.22	-5.17	-3.82
		0.0	0.60	0.05	11.83	11.83	11.83	11.83	111.21	49.83	19.40	52.17	7.18	11.14

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
10792	ok Av	6.05	0.21	5.60e-03	6.9	0.2	175.5	4.7
10797	ok Av	7.46	0.26	0.02	8.5	0.7	216.0	18.3
11045	ok	4.40						
11046	ok	1.38						
11047	ok	1.23						
14048	ok Av	5.14	0.01	0.18	0.4	5.8	11.4	148.5
14052	ok	2.28						
16697	ok Av	7.64	0.26	0.02	8.6	0.8	220.8	21.1
16753	ok	4.28						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		7.64	0.26	0.18	8.65	5.82	220.78	148.52

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
23	36.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
11060	ok	0.0	0.8	9.98e-03	11.8	11.8	11.8	11.8	32.2	-5.9	-4.8	91.8	6.8	-23.2
11067	ok	0.0	1.0	1.17e-02	11.8	12.8	11.8	11.8	36.5	24.6	1.9	120.8	-8.6	-6.1
16648	ok	0.0	0.9	1.22e-02	11.8	19.8	11.8	11.8	39.7	-0.7	3.8	155.6	30.8	-38.4
16747	ok	0.0	1.0	1.33e-02	11.8	12.7	11.8	11.8	51.3	25.0	-7.5	118.3	-9.9	5.1
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									32.16	-5.89	-7.45	91.82	-9.88	-38.44
		0.0	0.96	0.01	11.83	19.78	11.83	11.83	51.27	25.02	3.78	155.64	30.77	5.13

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
11060	ok Av	9.03	0.25	0.22	8.3	7.4	213.1	188.0
11067	ok	4.48						
16648	ok Av	21.71	0.49	0.56	16.2	18.6	412.4	476.0
16747	ok Av	14.21	0.43	0.23	14.3	7.5	365.4	190.7
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		21.71	0.49	0.56	16.15	18.64	412.42	475.99

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
24	36.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
10514	ok	0.0	0.5	1.10e-02	11.8	11.8	11.8	11.8	-31.8	-8.5	-9.2	32.7	-6.7	-47.3
11070	ok	0.0	0.6	4.91e-03	11.8	11.8	11.8	11.8	-17.5	-0.6	2.5	34.5	5.8	-50.3
13680	ok	0.0	0.5	1.10e-02	11.8	11.8	11.8	11.8	-72.7	17.8	5.1	49.5	-34.0	-46.6
16656	ok	0.0	0.8	4.79e-03	11.8	11.8	11.8	11.8	-16.6	3.0	0.6	90.0	30.7	-32.8
16669	ok	0.0	0.5	1.77e-02	11.8	11.8	11.8	11.8	-107.4	19.2	-36.2	68.4	-5.4	-7.6
16748	ok	0.0	0.2	1.31e-02	11.8	11.8	11.8	11.8	-77.2	-30.6	22.0	23.5	7.0	-12.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-107.40	-30.58	-36.17	23.52	-33.98	-50.27
		0.0	0.84	0.02	11.83	11.83	11.83	11.83	-16.55	19.22	22.00	90.01	30.68	-7.60

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
10514	ok Av	6.46	0.20	0.10	6.5	3.4	166.3	86.2
11070	ok Av	5.47	0.05	0.18	1.8	6.0	45.2	152.2
13680	ok Av	6.00	0.17	0.11	5.7	3.7	145.8	95.2
16656	ok Av	7.99	0.09	0.27	2.9	8.8	73.2	225.1
16669	ok Av	34.98	1.00	0.59	36.8	19.5	877.7	497.5
16748	ok Av	19.50	0.66	0.28	21.8	9.3	557.6	238.2
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		34.98	1.00	0.59	36.83	19.48	877.66	497.46

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
28	30.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
10076	ok	0.0	0.6	3.19e-02	11.8	11.8	11.8	11.8	87.4	13.2	15.3	-31.2	-2.5	-13.4
10077	ok	0.0	0.4	1.42e-02	11.8	11.8	11.8	11.8	22.9	8.0	14.5	-20.6	-4.5	-14.9
10078	ok	0.0	0.2	6.03e-03	11.8	11.8	11.8	11.8	1.3	-0.2	15.0	-12.4	-2.3	-9.9
10079	ok	0.0	0.2	8.73e-03	11.8	11.8	11.8	11.8	28.2	1.4	-9.6	-0.5	2.7	-7.5
11056	ok	0.0	0.5	2.93e-02	11.8	11.8	11.8	11.8	73.0	10.7	26.9	-26.6	-3.1	-14.9
11076	ok	0.0	0.7	5.05e-02	11.8	11.8	11.8	11.8	141.0	18.0	17.1	-31.6	-1.4	-6.0
17192	ok	0.0	0.8	6.77e-02	11.8	11.8	11.8	11.8	0.9	-3.9	7.6	-26.6	-7.7	-16.0
17193	ok	0.0	0.4	1.54e-02	11.8	11.8	11.8	11.8	22.0	-1.9	14.0	-15.7	-5.8	-18.1
17194	ok	0.0	0.2	5.77e-03	11.8	11.8	11.8	11.8	3.2	-11.0	-10.3	-10.3	-10.3	-11.7
17195	ok	0.0	0.2	9.33e-03	11.8	11.8	11.8	11.8	-38.0	-13.2	17.0	18.2	9.7	-12.5
17196	ok	0.0	0.5	3.03e-02	11.8	11.8	11.8	11.8	73.6	18.0	26.3	-21.0	-3.5	-18.5
17197	ok	0.0	0.6	4.78e-02	11.8	11.8	11.8	11.8	134.2	-18.6	15.6	-25.6	-0.2	-6.9
17198	ok	0.0	0.6	7.32e-02	11.8	11.8	11.8	11.8	364.2	60.0	105.1	-5.3	37.5	-6.4
17199	ok	0.0	0.3	1.91e-02	11.8	11.8	11.8	11.8	3.5	-57.9	3.0	-2.7	-8.9	-15.7
17200	ok	0.0	0.2	2.02e-02	11.8	11.8	11.8	11.8	-4.5	-62.2	0.4	-3.9	-13.0	-8.6
17201	ok	0.0	0.3	2.11e-02	11.8	11.8	11.8	11.8	-15.5	-66.6	1.5	0.9	-6.9	-9.8
17202	ok	0.0	0.4	2.88e-02	11.8	11.8	11.8	11.8	101.4	-22.8	111.4	-3.4	25.9	-15.2
17203	ok	0.0	0.4	4.26e-02	11.8	11.8	11.8	11.8	186.6	21.2	-42.3	-6.8	-7.2	4.9
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-38.00	-66.64	-42.27	-31.63	-13.01	-18.49
		0.0	0.78	0.07	11.83	11.83	11.83	11.83	364.22	60.03	111.36	18.22	37.48	4.86

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
10076	ok	3.13						
10077	ok	1.15						
10078	ok	1.49						
10079	ok	1.99						
11056	ok	1.39						
11076	ok Av	7.67	0.26	2.97e-03	8.7	9.85e-02	176.4	2.0
17192	ok Av	7.38	0.09	0.25	2.8	8.4	57.3	169.4
17193	ok	2.49						
17194	ok	2.45						
17195	ok	3.12						
17196	ok	4.80						
17197	ok Av	11.05	0.38	0.04	12.5	1.2	254.0	24.0
17198	ok Av	16.68	0.32	0.50	10.6	16.5	215.5	335.0
17199	ok Av	7.26	0.02	0.25	0.7	8.2	13.7	166.7
17200	ok	4.93						
17201	ok	4.56						
17202	ok Av	10.83	0.07	0.37	2.3	12.3	46.7	248.8
17203	ok Av	6.94	0.23	0.07	7.5	2.3	152.7	46.2
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		16.68	0.38	0.50	12.54	16.54	253.98	334.98

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
30	36.00	5	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
9139	ok	0.0	0.9	4.20e-02	11.8	13.3	11.8	11.8	-218.0	-104.5	65.9	97.2	54.4	-57.8
10072	ok	0.0	0.3	1.92e-02	11.8	11.8	11.8	11.8	-105.5	22.3	-29.0	31.2	25.1	-9.8
10073	ok	0.0	0.4	1.85e-02	11.8	11.8	11.8	11.8	-104.1	21.1	-70.3	51.0	38.0	5.8
10074	ok	0.0	0.5	1.17e-02	11.8	11.8	11.8	11.8	-29.2	13.4	-65.9	42.7	55.9	23.5
10075	ok	0.0	0.7	9.59e-03	11.8	11.8	11.8	11.8	-8.74e-02	4.0	-54.9	40.4	82.7	17.5
10079	ok	0.0	0.3	7.49e-03	11.8	11.8	11.8	11.8	-41.3	21.7	14.2	25.1	17.3	-11.3
10146	ok	0.0	0.9	8.23e-03	11.8	11.8	11.8	11.8	11.6	8.6	-53.8	23.7	106.0	12.5
10170	ok	0.0	0.7	8.77e-03	11.8	11.8	11.8	11.8	9.0	15.3	-52.6	11.2	78.2	6.6
17102	ok	0.0	0.6	3.79e-02	11.8	11.8	11.8	11.8	-204.2	27.8	-58.7	63.8	33.2	-19.4
17113	ok	0.0	0.8	1.90e-02	11.8	11.8	11.8	11.8	-54.4	52.9	-63.8	87.4	36.6	-15.9
17114	ok	0.0	0.7	1.20e-02	11.8	11.8	11.8	11.8	-22.4	32.3	-49.6	88.1	49.2	9.4
17115	ok	0.0	0.8	9.02e-03	11.8	11.8	11.8	12.4	0.6	7.0	-55.2	53.8	95.5	31.6
17195	ok	0.0	0.3	1.37e-02	11.8	11.8	11.8	11.8	-37.1	43.7	15.9	29.7	14.9	-14.6
17201	ok	0.0	0.5	1.90e-02	11.8	11.8	11.8	11.8	-2.9	-72.8	-50.5	-20.7	-32.8	30.3
17204	ok	0.0	1.0	1.88e-02	11.8	12.3	11.8	11.8	-63.3	4.9	-55.7	126.9	36.6	-6.1
17205	ok	0.0	0.8	9.84e-03	11.8	11.8	11.8	11.8	-22.7	59.2	-42.8	97.5	28.1	8.5
17206	ok	0.0	0.9	6.61e-03	11.8	11.8	11.8	11.8	-9.9	56.6	-38.4	89.8	45.1	25.0
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-217.97	-104.49	-70.35	-20.71	-32.78	-57.77
		0.0	0.97	0.04	11.83	13.29	11.83	12.42	11.60	59.20	65.92	126.95	106.04	31.61

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
9139	ok Av	9.94	0.29	0.21	9.6	7.1	245.4	180.6
10072	ok	2.55						
10073	ok	2.70						
10074	ok	2.54						
10075	ok	4.69						
10079	ok	1.72						
10146	ok	4.38						
10170	ok	2.53						
17102	ok Av	8.04	0.14	0.24	4.6	8.0	117.7	204.6
17113	ok	4.68						
17114	ok	3.86						
17115	ok Av	6.09	0.16	0.13	5.4	4.3	138.4	110.6
17195	ok Av	5.24	0.02	0.18	0.6	5.9	15.8	151.3
17201	ok Av	7.22	0.14	0.21	4.5	7.1	114.9	180.8
17204	ok Av	6.43	0.15	0.18	5.1	5.9	129.4	151.9
17205	ok Av	5.58	0.06	0.18	2.0	6.0	51.8	153.6
17206	ok Av	9.42	0.04	0.32	1.3	10.7	33.0	272.8
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		9.94	0.29	0.32	9.61	10.68	245.44	272.77

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
4977	0.23	0.61	0.28	316,308,334	0.0	0.0	0.0	0,0,0
5437	0.08	0.18	0.11	307,307,334	0.0	0.0	0.0	0,0,0
5438	0.11	0.24	0.14	320,319,334	0.0	0.0	0.0	0,0,0
5440	0.68	0.71	0.79	319,320,334	0.27	0.28	0.27	320,328,334
5441	0.49	0.77	0.61	315,315,334	0.30	0.34	0.33	315,327,334
5442	0.15	0.29	0.17	309,309,334	0.0	0.0	0.0	0,0,0
5443	0.25	0.49	0.29	309,309,334	0.0	0.0	0.0	0,0,0
5447	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5448	0.17	0.38	0.20	320,319,334	0.0	0.0	0.0	0,0,0
5451	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5452	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
5453	0.20	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5454	0.28	0.60	0.35	315,316,333	0.26	0.24	0.24	316,323,333
5455	0.15	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5456	0.13	0.28	0.16	315,316,334	0.0	0.0	0.0	0,0,0
5457	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
5458	0.49	0.77	0.60	316,316,333	0.30	0.32	0.31	316,326,333
5460	0.12	0.25	0.15	316,316,333	0.0	0.0	0.0	0,0,0
5461	0.14	0.29	0.17	316,316,333	0.0	0.0	0.0	0,0,0
5462	0.07	0.15	0.08	319,319,334	0.0	0.0	0.0	0,0,0
5463	0.10	0.22	0.11	320,319,334	0.0	0.0	0.0	0,0,0
5465	0.17	0.36	0.19	320,319,334	0.0	0.0	0.0	0,0,0
5466	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
5467	0.20	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5468	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
5470	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
5471	0.09	0.19	0.10	320,320,334	0.0	0.0	0.0	0,0,0
5472	0.20	0.40	0.22	320,320,334	0.0	0.0	0.0	0,0,0
5473	0.09	0.19	0.10	320,319,334	0.0	0.0	0.0	0,0,0
5477	0.18	0.38	0.21	319,319,334	0.0	0.0	0.0	0,0,0
5483	0.21	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5488	0.21	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5503	0.18	0.36	0.21	310,310,334	0.0	0.0	0.0	0,0,0
5643	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
5644	0.18	0.37	0.22	316,322,333	0.0	0.0	0.0	0,0,0
5645	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
5651	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
5652	0.04	0.09	0.04	319,319,334	0.0	0.0	0.0	0,0,0
5653	0.38	0.77	0.43	319,319,334	0.33	0.32	0.31	319,328,334
5654	0.22	0.47	0.25	319,319,334	0.0	0.0	0.0	0,0,0
5659	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
5660	0.20	0.41	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5661	0.18	0.37	0.20	310,310,334	0.0	0.0	0.0	0,0,0
5662	0.18	0.37	0.20	310,310,334	0.0	0.0	0.0	0,0,0
5663	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
5667	0.09	0.19	0.11	320,319,334	0.0	0.0	0.0	0,0,0
5668	0.19	0.39	0.22	320,319,334	0.0	0.0	0.0	0,0,0
5669	0.07	0.16	0.08	320,319,334	0.0	0.0	0.0	0,0,0
5670	0.13	0.24	0.14	320,320,334	0.0	0.0	0.0	0,0,0
5671	0.07	0.15	0.07	319,319,334	0.0	0.0	0.0	0,0,0
5675	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
5676	0.20	0.41	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5677	0.50	0.69	0.59	309,320,334	0.26	0.27	0.26	320,328,334
5678	0.19	0.40	0.23	320,320,334	0.0	0.0	0.0	0,0,0
5679	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
5683	0.14	0.29	0.17	319,319,334	0.0	0.0	0.0	0,0,0
5684	0.14	0.31	0.18	319,319,334	0.0	0.0	0.0	0,0,0
5685	0.20	0.43	0.25	315,315,334	0.0	0.0	0.0	0,0,0
5686	0.36	0.69	0.43	319,319,334	0.28	0.27	0.26	319,328,334
5687	0.23	0.49	0.26	320,319,334	0.0	0.0	0.0	0,0,0
5688	0.13	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
5691	0.19	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
5692	0.14	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
5693	0.07	0.15	0.08	319,319,334	0.0	0.0	0.0	0,0,0
5694	0.15	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
5695	0.09	0.19	0.10	320,319,334	0.0	0.0	0.0	0,0,0
5696	0.06	0.12	0.07	319,319,334	0.0	0.0	0.0	0,0,0
5699	0.17	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5700	0.21	0.43	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5701	0.19	0.40	0.22	319,319,334	0.0	0.0	0.0	0,0,0
5702	0.16	0.32	0.19	319,319,334	0.0	0.0	0.0	0,0,0
5703	0.21	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5704	0.21	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5705	0.10	0.17	0.12	320,320,334	0.0	0.0	0.0	0,0,0
5707	0.18	0.37	0.21	319,319,334	0.0	0.0	0.0	0,0,0
5708	0.24	0.49	0.28	319,319,334	0.0	0.0	0.0	0,0,0
5709	0.23	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
5710	0.19	0.38	0.22	319,319,334	0.0	0.0	0.0	0,0,0
5711	0.15	0.29	0.17	319,319,334	0.0	0.0	0.0	0,0,0
5712	0.20	0.40	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5715	0.18	0.40	0.21	319,319,334	0.0	0.0	0.0	0,0,0
5716	0.21	0.44	0.24	320,319,334	0.0	0.0	0.0	0,0,0
5717	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5718	0.23	0.47	0.27	319,319,334	0.0	0.0	0.0	0,0,0
5719	0.22	0.48	0.27	319,319,334	0.0	0.0	0.0	0,0,0
5724	0.25	0.49	0.28	319,319,334	0.0	0.0	0.0	0,0,0
5725	0.16	0.35	0.19	319,319,334	0.0	0.0	0.0	0,0,0
5726	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
5727	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5728	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5730	0.21	0.44	0.23	320,319,334	0.0	0.0	0.0	0,0,0
5731	0.63	0.76	0.74	319,319,334	0.31	0.29	0.28	319,328,334
5732	0.32	0.67	0.36	320,320,334	0.29	0.25	0.25	320,328,334
5733	0.25	0.49	0.28	319,319,334	0.0	0.0	0.0	0,0,0
5734	0.09	0.18	0.11	320,307,334	0.0	0.0	0.0	0,0,0
5735	0.17	0.35	0.19	320,320,334	0.0	0.0	0.0	0,0,0
5736	0.25	0.49	0.28	319,319,334	0.0	0.0	0.0	0,0,0
5737	0.29	0.63	0.33	310,310,334	0.27	0.24	0.23	310,328,334
5741	0.28	0.60	0.32	320,320,334	0.26	0.23	0.22	320,328,334
5742	0.11	0.17	0.12	319,319,334	0.0	0.0	0.0	0,0,0
5743	0.09	0.17	0.10	310,310,334	0.0	0.0	0.0	0,0,0
5744	0.49	0.71	0.56	320,319,334	0.27	0.26	0.25	319,328,334
5745	0.20	0.42	0.23	320,319,334	0.0	0.0	0.0	0,0,0
5747	0.20	0.38	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5748	0.09	0.21	0.10	320,319,334	0.0	0.0	0.0	0,0,0
5749	0.07	0.13	0.09	309,309,334	0.0	0.0	0.0	0,0,0
5750	0.14	0.27	0.16	319,319,334	0.0	0.0	0.0	0,0,0
5751	0.16	0.31	0.19	319,319,334	0.0	0.0	0.0	0,0,0
5752	0.07	0.13	0.08	309,319,334	0.0	0.0	0.0	0,0,0
5753	0.13	0.26	0.16	319,319,334	0.0	0.0	0.0	0,0,0
5756	0.11	0.22	0.13	320,320,334	0.0	0.0	0.0	0,0,0
5757	0.07	0.13	0.08	320,320,334	0.0	0.0	0.0	0,0,0
5758	0.11	0.21	0.13	319,319,334	0.0	0.0	0.0	0,0,0
5759	0.30	0.65	0.35	319,319,334	0.28	0.25	0.24	319,328,334
5760	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
5761	0.12	0.25	0.15	319,319,334	0.0	0.0	0.0	0,0,0
5766	0.22	0.41	0.25	320,320,334	0.0	0.0	0.0	0,0,0
5767	0.10	0.20	0.12	320,320,334	0.0	0.0	0.0	0,0,0
5768	0.20	0.38	0.23	319,319,334	0.0	0.0	0.0	0,0,0
5769	0.11	0.23	0.13	320,319,334	0.0	0.0	0.0	0,0,0
5773	0.12	0.23	0.14	319,319,334	0.0	0.0	0.0	0,0,0
5775	0.37	0.67	0.44	319,319,334	0.26	0.26	0.25	319,328,334
5776	0.22	0.43	0.26	320,320,334	0.0	0.0	0.0	0,0,0
5777	0.18	0.37	0.21	310,310,334	0.0	0.0	0.0	0,0,0
5778	0.68	0.74	0.79	320,320,334	0.27	0.25	0.24	320,328,334
5782	0.14	0.30	0.17	319,319,334	0.0	0.0	0.0	0,0,0
5783	0.07	0.14	0.08	320,319,334	0.0	0.0	0.0	0,0,0
5784	0.10	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
5785	0.77	0.79	0.91	319,319,334	0.28	0.26	0.26	319,328,334
5786	0.26	0.53	0.30	320,310,334	0.23	0.0	0.0	310,0,0
5791	0.13	0.27	0.16	319,319,334	0.0	0.0	0.0	0,0,0
5792	0.16	0.34	0.19	319,309,334	0.0	0.0	0.0	0,0,0
5793	0.10	0.21	0.12	320,319,334	0.0	0.0	0.0	0,0,0
5794	0.15	0.30	0.18	309,309,334	0.0	0.0	0.0	0,0,0
5798	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
5799	0.12	0.24	0.14	309,309,334	0.0	0.0	0.0	0,0,0
5800	0.16	0.33	0.20	309,309,334	0.0	0.0	0.0	0,0,0
5801	0.17	0.36	0.19	310,310,334	0.0	0.0	0.0	0,0,0
5802	0.07	0.15	0.08	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
5807	0.24	0.48	0.27	319,319,334	0.0	0.0	0.0	0,0,0
5808	0.38	0.67	0.48	315,315,334	0.27	0.28	0.28	315,327,334
5809	0.23	0.44	0.26	319,319,334	0.0	0.0	0.0	0,0,0
5810	0.25	0.48	0.28	319,319,334	0.0	0.0	0.0	0,0,0
5817	0.18	0.36	0.21	309,309,334	0.0	0.0	0.0	0,0,0
5824	0.17	0.36	0.20	309,309,334	0.0	0.0	0.0	0,0,0
5825	0.30	0.54	0.34	319,319,334	0.22	0.0	0.0	319,0,0
5826	0.53	0.75	0.62	319,319,334	0.29	0.30	0.29	319,328,334
5834	0.18	0.33	0.21	320,320,334	0.0	0.0	0.0	0,0,0
5841	0.11	0.23	0.13	320,319,334	0.0	0.0	0.0	0,0,0
5842	0.22	0.44	0.26	309,309,334	0.0	0.0	0.0	0,0,0
5850	0.19	0.39	0.23	309,309,334	0.0	0.0	0.0	0,0,0
5944	0.19	0.42	0.22	320,319,334	0.0	0.0	0.0	0,0,0
5945	0.08	0.17	0.09	320,319,334	0.0	0.0	0.0	0,0,0
5950	0.20	0.40	0.24	309,309,334	0.0	0.0	0.0	0,0,0
5951	0.18	0.37	0.21	309,309,334	0.0	0.0	0.0	0,0,0
5952	0.20	0.40	0.24	309,309,334	0.0	0.0	0.0	0,0,0
5954	0.24	0.48	0.28	309,309,334	0.0	0.0	0.0	0,0,0
6347	0.16	0.34	0.17	319,320,334	0.0	0.0	0.0	0,0,0
6352	0.25	0.54	0.32	315,316,333	0.23	0.0	0.0	316,0,0
6353	0.26	0.54	0.32	315,316,333	0.23	0.22	0.0	316,323,0
6354	0.25	0.54	0.32	315,315,334	0.23	0.0	0.0	315,0,0
6355	0.26	0.56	0.32	301,316,333	0.24	0.23	0.0	316,323,0
6358	0.33	0.67	0.41	315,315,333	0.27	0.28	0.28	315,323,333
6359	0.31	0.62	0.39	316,316,333	0.24	0.25	0.23	316,326,333
6360	0.13	0.28	0.16	320,319,334	0.0	0.0	0.0	0,0,0
6361	0.24	0.52	0.30	316,322,333	0.22	0.0	0.0	316,0,0
7162	0.41	0.74	0.52	315,315,334	0.29	0.32	0.31	315,327,334
8352	0.17	0.36	0.19	310,310,334	0.0	0.0	0.0	0,0,0
8353	0.13	0.26	0.14	310,310,334	0.0	0.0	0.0	0,0,0
8354	0.08	0.18	0.09	310,310,334	0.0	0.0	0.0	0,0,0
8355	0.07	0.15	0.08	319,319,334	0.0	0.0	0.0	0,0,0
8356	0.05	0.11	0.06	319,319,334	0.0	0.0	0.0	0,0,0
8357	0.03	0.07	0.04	319,320,334	0.0	0.0	0.0	0,0,0
8358	0.22	0.47	0.25	310,310,334	0.0	0.0	0.0	0,0,0
8359	0.13	0.27	0.15	310,310,334	0.0	0.0	0.0	0,0,0
8360	0.08	0.17	0.10	310,310,334	0.0	0.0	0.0	0,0,0
8361	0.11	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
8362	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
8363	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
8366	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8367	0.16	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
8368	0.15	0.33	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8369	0.20	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
8370	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
8371	0.21	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8372	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8373	0.16	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
8374	0.17	0.36	0.19	319,319,334	0.0	0.0	0.0	0,0,0
8375	0.16	0.34	0.18	319,320,334	0.0	0.0	0.0	0,0,0
8376	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8377	0.20	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
8378	0.21	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8379	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
8472	0.20	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
8563	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
8564	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8571	0.17	0.37	0.19	319,320,334	0.0	0.0	0.0	0,0,0
8572	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
8579	0.15	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
8580	0.15	0.33	0.17	319,320,334	0.0	0.0	0.0	0,0,0
8596	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
8601	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
8911	0.08	0.19	0.09	319,319,334	0.0	0.0	0.0	0,0,0
8915	0.39	0.74	0.49	301,316,333	0.29	0.33	0.32	302,323,333
8916	0.26	0.56	0.32	301,302,333	0.24	0.23	0.0	316,323,0
8917	0.28	0.61	0.35	308,316,334	0.26	0.25	0.24	316,327,334
8922	0.57	0.77	0.71	301,315,333	0.30	0.33	0.32	315,323,333
8923	0.08	0.17	0.10	320,320,334	0.0	0.0	0.0	0,0,0
8924	0.08	0.18	0.11	320,320,334	0.0	0.0	0.0	0,0,0
8925	0.76	0.75	0.95	301,315,333	0.29	0.29	0.28	315,327,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
8926	0.12	0.23	0.13	320,320,334	0.0	0.0	0.0	0,0,0
8975	0.12	0.23	0.14	319,319,334	0.0	0.0	0.0	0,0,0
8976	0.20	0.40	0.22	319,319,334	0.0	0.0	0.0	0,0,0
8977	0.24	0.47	0.29	319,319,334	0.0	0.0	0.0	0,0,0
8978	0.21	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
8979	0.22	0.44	0.25	319,319,334	0.0	0.0	0.0	0,0,0
8980	0.13	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
8981	0.20	0.40	0.22	320,320,334	0.0	0.0	0.0	0,0,0
8982	0.15	0.27	0.17	309,309,334	0.0	0.0	0.0	0,0,0
8983	0.14	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
8984	0.12	0.27	0.14	320,319,334	0.0	0.0	0.0	0,0,0
8985	0.08	0.17	0.09	320,319,334	0.0	0.0	0.0	0,0,0
8986	0.10	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
8987	0.21	0.46	0.25	320,319,334	0.0	0.0	0.0	0,0,0
8988	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
9282	0.25	0.50	0.30	309,309,334	0.0	0.0	0.0	0,0,0
9749	0.04	0.10	0.05	315,315,334	0.0	0.0	0.0	0,0,0
9750	0.22	0.43	0.26	309,309,334	0.0	0.0	0.0	0,0,0
9751	0.09	0.19	0.11	320,319,334	0.0	0.0	0.0	0,0,0
9753	0.48	0.73	0.60	315,315,334	0.28	0.31	0.30	315,327,334
9754	0.09	0.19	0.10	320,320,334	0.0	0.0	0.0	0,0,0
9758	0.19	0.37	0.23	309,309,334	0.0	0.0	0.0	0,0,0
9759	0.20	0.38	0.23	309,309,334	0.0	0.0	0.0	0,0,0
9760	0.13	0.28	0.17	316,316,333	0.0	0.0	0.0	0,0,0
9761	0.22	0.48	0.27	319,319,334	0.0	0.0	0.0	0,0,0
9762	0.18	0.38	0.23	315,316,334	0.0	0.0	0.0	0,0,0
9763	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
9764	0.17	0.36	0.22	315,316,333	0.0	0.0	0.0	0,0,0
9765	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
9769	0.24	0.47	0.29	309,309,334	0.0	0.0	0.0	0,0,0
9770	0.15	0.28	0.18	309,309,334	0.0	0.0	0.0	0,0,0
9772	0.21	0.41	0.25	309,309,334	0.0	0.0	0.0	0,0,0
9773	0.13	0.27	0.16	316,316,333	0.0	0.0	0.0	0,0,0
9776	0.19	0.37	0.23	309,309,334	0.0	0.0	0.0	0,0,0
9779	0.24	0.48	0.29	309,309,334	0.0	0.0	0.0	0,0,0
9780	0.20	0.40	0.24	309,309,334	0.0	0.0	0.0	0,0,0
9781	0.20	0.40	0.23	320,320,334	0.0	0.0	0.0	0,0,0
9783	0.24	0.48	0.29	309,309,334	0.0	0.0	0.0	0,0,0
9785	0.07	0.13	0.08	315,315,334	0.0	0.0	0.0	0,0,0
9786	0.06	0.13	0.07	307,316,334	0.0	0.0	0.0	0,0,0
9787	0.06	0.14	0.08	307,316,334	0.0	0.0	0.0	0,0,0
9788	0.07	0.14	0.08	315,316,334	0.0	0.0	0.0	0,0,0
9789	0.07	0.13	0.08	315,315,334	0.0	0.0	0.0	0,0,0
9790	0.06	0.13	0.07	307,316,334	0.0	0.0	0.0	0,0,0
9791	0.07	0.15	0.08	315,316,334	0.0	0.0	0.0	0,0,0
9792	0.07	0.15	0.08	315,316,334	0.0	0.0	0.0	0,0,0
9793	0.07	0.13	0.08	315,316,334	0.0	0.0	0.0	0,0,0
9794	0.06	0.13	0.07	307,316,334	0.0	0.0	0.0	0,0,0
9795	0.07	0.15	0.08	315,316,334	0.0	0.0	0.0	0,0,0
9796	0.07	0.15	0.08	315,316,334	0.0	0.0	0.0	0,0,0
9797	0.08	0.15	0.09	315,316,333	0.0	0.0	0.0	0,0,0
9798	0.06	0.13	0.07	307,315,334	0.0	0.0	0.0	0,0,0
9799	0.07	0.14	0.08	315,315,333	0.0	0.0	0.0	0,0,0
9800	0.07	0.14	0.08	315,315,333	0.0	0.0	0.0	0,0,0
9801	0.09	0.18	0.10	315,316,333	0.0	0.0	0.0	0,0,0
9802	0.07	0.14	0.08	315,316,334	0.0	0.0	0.0	0,0,0
9803	0.06	0.13	0.07	315,315,334	0.0	0.0	0.0	0,0,0
9804	0.06	0.13	0.07	315,315,333	0.0	0.0	0.0	0,0,0
9805	0.09	0.19	0.11	315,316,334	0.0	0.0	0.0	0,0,0
9806	0.08	0.16	0.09	315,316,334	0.0	0.0	0.0	0,0,0
9807	0.08	0.16	0.09	315,316,334	0.0	0.0	0.0	0,0,0
9808	0.07	0.15	0.09	315,316,334	0.0	0.0	0.0	0,0,0
9809	0.09	0.20	0.11	315,316,334	0.0	0.0	0.0	0,0,0
9810	0.10	0.21	0.12	315,316,334	0.0	0.0	0.0	0,0,0
9811	0.11	0.23	0.14	315,316,334	0.0	0.0	0.0	0,0,0
9812	0.11	0.23	0.13	315,316,334	0.0	0.0	0.0	0,0,0
9813	0.13	0.27	0.16	315,316,333	0.0	0.0	0.0	0,0,0
9814	0.14	0.27	0.16	315,316,333	0.0	0.0	0.0	0,0,0
9815	0.10	0.21	0.12	315,316,333	0.0	0.0	0.0	0,0,0
9816	0.11	0.23	0.13	316,316,333	0.0	0.0	0.0	0,0,0
9817	0.11	0.23	0.13	315,316,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9818	0.10	0.21	0.12	315,316,333	0.0	0.0	0.0	0,0,0
9819	0.12	0.26	0.15	302,308,333	0.0	0.0	0.0	0,0,0
9820	0.11	0.24	0.13	301,316,333	0.0	0.0	0.0	0,0,0
9821	0.10	0.21	0.11	315,316,333	0.0	0.0	0.0	0,0,0
9823	0.16	0.34	0.19	315,315,333	0.0	0.0	0.0	0,0,0
9824	0.11	0.23	0.13	315,315,333	0.0	0.0	0.0	0,0,0
9826	0.14	0.31	0.17	315,315,333	0.0	0.0	0.0	0,0,0
9827	0.10	0.21	0.12	315,315,333	0.0	0.0	0.0	0,0,0
9829	0.13	0.28	0.16	315,315,333	0.0	0.0	0.0	0,0,0
9830	0.09	0.19	0.11	315,315,333	0.0	0.0	0.0	0,0,0
9832	0.13	0.27	0.16	315,315,333	0.0	0.0	0.0	0,0,0
9833	0.10	0.19	0.12	315,316,333	0.0	0.0	0.0	0,0,0
9835	0.37	0.67	0.44	315,315,334	0.29	0.27	0.26	315,330,334
9836	0.14	0.30	0.17	315,315,334	0.0	0.0	0.0	0,0,0
9838	0.31	0.66	0.38	315,315,334	0.28	0.27	0.26	315,330,334
9839	0.14	0.30	0.17	315,315,334	0.0	0.0	0.0	0,0,0
9841	0.23	0.48	0.27	315,315,334	0.0	0.0	0.0	0,0,0
9842	0.14	0.29	0.16	315,315,334	0.0	0.0	0.0	0,0,0
9844	0.18	0.40	0.22	315,315,333	0.0	0.0	0.0	0,0,0
9845	0.12	0.25	0.14	315,315,334	0.0	0.0	0.0	0,0,0
9846	0.12	0.27	0.15	316,316,333	0.0	0.0	0.0	0,0,0
9847	0.11	0.25	0.14	316,316,333	0.0	0.0	0.0	0,0,0
9848	0.12	0.26	0.15	302,308,333	0.0	0.0	0.0	0,0,0
9849	0.06	0.12	0.07	321,321,334	0.0	0.0	0.0	0,0,0
9850	0.06	0.15	0.08	308,314,334	0.0	0.0	0.0	0,0,0
9851	0.08	0.18	0.10	302,314,334	0.0	0.0	0.0	0,0,0
9852	0.08	0.18	0.10	302,314,334	0.0	0.0	0.0	0,0,0
9853	0.07	0.14	0.08	321,321,334	0.0	0.0	0.0	0,0,0
9854	0.06	0.14	0.07	308,314,334	0.0	0.0	0.0	0,0,0
9855	0.07	0.16	0.09	302,314,334	0.0	0.0	0.0	0,0,0
9856	0.07	0.16	0.09	302,314,334	0.0	0.0	0.0	0,0,0
9857	0.07	0.14	0.08	321,315,334	0.0	0.0	0.0	0,0,0
9858	0.05	0.11	0.06	307,314,334	0.0	0.0	0.0	0,0,0
9859	0.05	0.12	0.07	307,314,334	0.0	0.0	0.0	0,0,0
9860	0.05	0.12	0.07	307,314,334	0.0	0.0	0.0	0,0,0
9861	0.07	0.14	0.08	321,315,334	0.0	0.0	0.0	0,0,0
9862	0.05	0.12	0.06	307,316,334	0.0	0.0	0.0	0,0,0
9863	0.06	0.13	0.07	307,316,334	0.0	0.0	0.0	0,0,0
9864	0.06	0.13	0.07	315,316,334	0.0	0.0	0.0	0,0,0
9865	0.20	0.43	0.24	316,316,333	0.0	0.0	0.0	0,0,0
9866	0.17	0.37	0.20	316,316,333	0.0	0.0	0.0	0,0,0
9867	0.14	0.30	0.16	316,316,333	0.0	0.0	0.0	0,0,0
9868	0.15	0.33	0.18	316,316,333	0.0	0.0	0.0	0,0,0
9869	0.14	0.31	0.17	316,316,333	0.0	0.0	0.0	0,0,0
9870	0.13	0.28	0.15	316,316,333	0.0	0.0	0.0	0,0,0
9871	0.12	0.26	0.14	316,316,334	0.0	0.0	0.0	0,0,0
9872	0.12	0.26	0.14	316,316,334	0.0	0.0	0.0	0,0,0
9873	0.11	0.25	0.14	316,316,334	0.0	0.0	0.0	0,0,0
9874	0.20	0.40	0.24	309,309,334	0.0	0.0	0.0	0,0,0
9875	0.41	0.69	0.45	319,319,334	0.26	0.26	0.25	319,330,334
9876	0.27	0.52	0.32	319,319,334	0.22	0.0	0.0	319,0,0
9877	0.14	0.25	0.16	309,309,334	0.0	0.0	0.0	0,0,0
9878	0.25	0.49	0.30	309,309,334	0.0	0.0	0.0	0,0,0
9879	0.09	0.15	0.10	309,309,334	0.0	0.0	0.0	0,0,0
9880	0.17	0.33	0.21	309,309,334	0.0	0.0	0.0	0,0,0
9881	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
9882	0.11	0.20	0.14	319,320,334	0.0	0.0	0.0	0,0,0
9883	0.08	0.15	0.10	309,309,334	0.0	0.0	0.0	0,0,0
9884	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
9885	0.05	0.10	0.06	307,307,334	0.0	0.0	0.0	0,0,0
9886	0.06	0.10	0.07	308,308,334	0.0	0.0	0.0	0,0,0
9887	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
9888	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
9889	0.05	0.09	0.06	301,301,333	0.0	0.0	0.0	0,0,0
9906	0.23	0.49	0.28	316,316,333	0.0	0.0	0.0	0,0,0
9907	0.16	0.36	0.20	316,316,334	0.0	0.0	0.0	0,0,0
9908	0.12	0.26	0.14	316,316,334	0.0	0.0	0.0	0,0,0
9909	0.05	0.09	0.06	308,301,334	0.0	0.0	0.0	0,0,0
9910	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
9911	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
9912	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9917	0.33	0.72	0.40	316,316,334	0.31	0.30	0.29	316,327,334
9918	0.30	0.64	0.36	316,316,334	0.28	0.26	0.25	316,327,334
9919	0.28	0.61	0.34	316,316,333	0.26	0.24	0.24	316,323,333
9920	0.27	0.58	0.33	316,316,333	0.25	0.23	0.23	316,323,333
9921	0.25	0.54	0.31	316,316,333	0.23	0.0	0.0	316,0,0
9922	0.23	0.50	0.28	316,316,334	0.0	0.0	0.0	0,0,0
9923	0.21	0.46	0.25	316,316,334	0.0	0.0	0.0	0,0,0
9924	0.20	0.43	0.24	316,316,334	0.0	0.0	0.0	0,0,0
9925	0.19	0.40	0.23	316,316,334	0.0	0.0	0.0	0,0,0
9926	0.18	0.38	0.21	316,316,334	0.0	0.0	0.0	0,0,0
9927	0.14	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
9928	0.13	0.29	0.16	316,316,334	0.0	0.0	0.0	0,0,0
9929	0.13	0.28	0.15	316,316,334	0.0	0.0	0.0	0,0,0
9930	0.12	0.27	0.15	316,316,334	0.0	0.0	0.0	0,0,0
9931	0.12	0.26	0.14	316,316,334	0.0	0.0	0.0	0,0,0
9932	0.07	0.13	0.09	316,308,334	0.0	0.0	0.0	0,0,0
9933	0.07	0.14	0.09	316,316,334	0.0	0.0	0.0	0,0,0
9934	0.07	0.15	0.09	316,316,334	0.0	0.0	0.0	0,0,0
9935	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
9936	0.04	0.09	0.05	301,301,333	0.0	0.0	0.0	0,0,0
9937	0.04	0.08	0.05	301,302,333	0.0	0.0	0.0	0,0,0
9938	0.06	0.13	0.07	301,315,333	0.0	0.0	0.0	0,0,0
9939	0.06	0.12	0.07	301,301,333	0.0	0.0	0.0	0,0,0
9940	0.07	0.14	0.09	301,301,333	0.0	0.0	0.0	0,0,0
9941	0.16	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
9942	0.17	0.35	0.20	301,302,333	0.0	0.0	0.0	0,0,0
9943	0.14	0.29	0.16	308,307,334	0.0	0.0	0.0	0,0,0
9944	0.08	0.17	0.10	308,308,334	0.0	0.0	0.0	0,0,0
9945	0.06	0.13	0.07	308,308,334	0.0	0.0	0.0	0,0,0
9946	0.05	0.10	0.06	301,315,333	0.0	0.0	0.0	0,0,0
9947	0.34	0.66	0.40	302,316,333	0.27	0.26	0.25	316,327,334
9948	0.36	0.66	0.42	301,316,333	0.28	0.26	0.25	316,327,334
9949	0.15	0.31	0.17	308,308,334	0.0	0.0	0.0	0,0,0
9950	0.08	0.18	0.10	308,308,334	0.0	0.0	0.0	0,0,0
9951	0.06	0.12	0.07	301,315,333	0.0	0.0	0.0	0,0,0
9952	0.06	0.13	0.07	301,315,333	0.0	0.0	0.0	0,0,0
9953	0.12	0.26	0.15	302,302,333	0.0	0.0	0.0	0,0,0
9954	0.12	0.26	0.15	302,302,333	0.0	0.0	0.0	0,0,0
9955	0.11	0.24	0.13	302,302,333	0.0	0.0	0.0	0,0,0
9956	0.08	0.17	0.09	308,307,334	0.0	0.0	0.0	0,0,0
9957	0.07	0.14	0.09	308,308,334	0.0	0.0	0.0	0,0,0
9958	0.07	0.14	0.09	308,308,334	0.0	0.0	0.0	0,0,0
9959	0.11	0.25	0.14	308,308,334	0.0	0.0	0.0	0,0,0
9960	0.14	0.30	0.17	307,308,334	0.0	0.0	0.0	0,0,0
9961	0.21	0.45	0.26	315,316,334	0.0	0.0	0.0	0,0,0
9962	0.22	0.48	0.27	315,316,334	0.0	0.0	0.0	0,0,0
9963	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
9964	0.39	0.66	0.48	316,316,334	0.27	0.26	0.26	316,327,334
9965	0.33	0.72	0.41	316,316,334	0.31	0.30	0.29	316,327,334
9966	0.37	0.76	0.44	316,316,334	0.31	0.33	0.32	316,327,334
9967	0.24	0.48	0.29	316,316,334	0.0	0.0	0.0	0,0,0
9968	0.24	0.50	0.29	316,316,334	0.0	0.0	0.0	0,0,0
9969	0.24	0.51	0.29	316,316,334	0.0	0.0	0.0	0,0,0
9970	0.14	0.27	0.17	316,316,334	0.0	0.0	0.0	0,0,0
9971	0.15	0.30	0.18	316,316,334	0.0	0.0	0.0	0,0,0
9972	0.15	0.30	0.17	316,316,334	0.0	0.0	0.0	0,0,0
9973	0.14	0.30	0.17	307,308,334	0.0	0.0	0.0	0,0,0
9974	0.23	0.50	0.28	307,308,334	0.0	0.0	0.0	0,0,0
9975	0.37	0.59	0.46	315,316,334	0.24	0.22	0.22	316,327,334
9976	0.10	0.22	0.12	315,316,334	0.0	0.0	0.0	0,0,0
9977	0.12	0.26	0.15	315,316,334	0.0	0.0	0.0	0,0,0
9978	0.16	0.33	0.19	315,316,334	0.0	0.0	0.0	0,0,0
9979	0.16	0.34	0.19	315,316,334	0.0	0.0	0.0	0,0,0
9980	0.19	0.41	0.23	308,308,334	0.0	0.0	0.0	0,0,0
9981	0.14	0.31	0.17	301,302,333	0.0	0.0	0.0	0,0,0
9982	0.12	0.26	0.15	308,308,334	0.0	0.0	0.0	0,0,0
9983	0.42	0.71	0.51	302,302,333	0.27	0.29	0.28	302,323,333
9984	0.31	0.65	0.37	316,316,334	0.27	0.26	0.25	316,327,334
9985	0.14	0.30	0.17	308,308,334	0.0	0.0	0.0	0,0,0
9986	0.14	0.31	0.17	302,308,333	0.0	0.0	0.0	0,0,0
9987	0.12	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
9988	0.10	0.22	0.12	308,308,334	0.0	0.0	0.0	0,0,0
9989	0.07	0.15	0.09	301,316,333	0.0	0.0	0.0	0,0,0
9990	0.09	0.19	0.11	308,308,334	0.0	0.0	0.0	0,0,0
9991	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
9992	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
9993	0.07	0.16	0.09	308,308,334	0.0	0.0	0.0	0,0,0
9994	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
9995	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
9996	0.06	0.12	0.07	301,301,333	0.0	0.0	0.0	0,0,0
9997	0.36	0.64	0.43	316,316,333	0.23	0.25	0.25	316,323,333
9998	0.31	0.53	0.38	316,316,333	0.18	0.19	0.19	316,323,333
9999	0.11	0.25	0.13	316,316,333	0.0	0.0	0.0	0,0,0
10000	0.06	0.11	0.07	316,316,333	0.0	0.0	0.0	0,0,0
10001	0.28	0.44	0.34	316,316,334	0.16	0.15	0.15	316,323,333
10002	0.46	0.73	0.56	316,316,334	0.28	0.29	0.28	316,327,334
10003	0.19	0.42	0.23	316,316,333	0.0	0.0	0.0	0,0,0
10004	0.18	0.40	0.22	316,316,333	0.0	0.0	0.0	0,0,0
10005	0.10	0.23	0.12	316,316,333	0.0	0.0	0.0	0,0,0
10006	0.06	0.14	0.08	308,308,334	0.0	0.0	0.0	0,0,0
10007	0.18	0.32	0.21	316,316,334	0.0	0.0	0.0	0,0,0
10008	0.24	0.46	0.29	316,316,334	0.0	0.0	0.0	0,0,0
10009	0.13	0.28	0.15	316,316,333	0.0	0.0	0.0	0,0,0
10010	0.13	0.27	0.15	316,316,333	0.0	0.0	0.0	0,0,0
10011	0.10	0.20	0.11	302,302,333	0.0	0.0	0.0	0,0,0
10012	0.07	0.15	0.08	308,308,334	0.0	0.0	0.0	0,0,0
10013	0.11	0.21	0.13	316,308,334	0.0	0.0	0.0	0,0,0
10014	0.13	0.24	0.15	316,316,334	0.0	0.0	0.0	0,0,0
10015	0.21	0.46	0.25	316,316,333	0.0	0.0	0.0	0,0,0
10016	0.17	0.37	0.20	316,316,334	0.0	0.0	0.0	0,0,0
10017	0.12	0.26	0.14	316,316,334	0.0	0.0	0.0	0,0,0
10018	0.07	0.13	0.08	301,301,333	0.0	0.0	0.0	0,0,0
10019	0.07	0.14	0.09	301,301,333	0.0	0.0	0.0	0,0,0
10020	0.07	0.15	0.09	301,302,333	0.0	0.0	0.0	0,0,0
10021	0.08	0.16	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10022	0.09	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10023	0.09	0.18	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10024	0.09	0.18	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10025	0.09	0.18	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10026	0.07	0.15	0.09	301,302,333	0.0	0.0	0.0	0,0,0
10027	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10028	0.18	0.38	0.21	308,308,334	0.0	0.0	0.0	0,0,0
10029	0.18	0.38	0.22	308,308,334	0.0	0.0	0.0	0,0,0
10030	0.09	0.20	0.11	316,316,334	0.0	0.0	0.0	0,0,0
10031	0.10	0.22	0.12	308,316,334	0.0	0.0	0.0	0,0,0
10032	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
10033	0.14	0.31	0.17	302,308,334	0.0	0.0	0.0	0,0,0
10034	0.07	0.15	0.09	316,316,334	0.0	0.0	0.0	0,0,0
10035	0.07	0.15	0.08	316,316,334	0.0	0.0	0.0	0,0,0
10036	0.07	0.15	0.08	316,316,334	0.0	0.0	0.0	0,0,0
10037	0.07	0.16	0.08	316,316,334	0.0	0.0	0.0	0,0,0
10038	0.07	0.17	0.09	316,316,334	0.0	0.0	0.0	0,0,0
10039	0.08	0.17	0.10	302,314,333	0.0	0.0	0.0	0,0,0
10040	0.10	0.21	0.12	302,306,333	0.0	0.0	0.0	0,0,0
10041	0.07	0.15	0.09	302,306,333	0.0	0.0	0.0	0,0,0
10042	0.09	0.20	0.11	306,306,333	0.0	0.0	0.0	0,0,0
10043	0.06	0.12	0.07	302,302,333	0.0	0.0	0.0	0,0,0
10044	0.07	0.16	0.09	302,302,333	0.0	0.0	0.0	0,0,0
10045	0.07	0.14	0.08	315,316,333	0.0	0.0	0.0	0,0,0
10046	0.08	0.17	0.10	301,316,333	0.0	0.0	0.0	0,0,0
10047	0.26	0.55	0.32	302,306,333	0.23	0.0	0.0	306,0,0
10048	0.17	0.36	0.21	302,306,333	0.0	0.0	0.0	0,0,0
10049	0.09	0.19	0.11	302,302,333	0.0	0.0	0.0	0,0,0
10050	0.09	0.19	0.11	315,316,333	0.0	0.0	0.0	0,0,0
10051	0.07	0.15	0.09	315,316,333	0.0	0.0	0.0	0,0,0
10052	0.08	0.18	0.10	315,316,333	0.0	0.0	0.0	0,0,0
10053	0.07	0.15	0.09	315,316,333	0.0	0.0	0.0	0,0,0
10054	0.08	0.18	0.10	315,316,333	0.0	0.0	0.0	0,0,0
10055	0.07	0.15	0.08	315,316,333	0.0	0.0	0.0	0,0,0
10056	0.08	0.16	0.09	315,316,333	0.0	0.0	0.0	0,0,0
10057	0.06	0.14	0.08	315,315,333	0.0	0.0	0.0	0,0,0
10058	0.06	0.14	0.08	315,316,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10059	0.05	0.11	0.06	315,315,333	0.0	0.0	0.0	0,0,0
10060	0.05	0.10	0.06	315,315,333	0.0	0.0	0.0	0,0,0
10061	0.06	0.12	0.07	315,316,334	0.0	0.0	0.0	0,0,0
10062	0.06	0.12	0.07	315,315,334	0.0	0.0	0.0	0,0,0
10063	0.09	0.19	0.11	315,316,334	0.0	0.0	0.0	0,0,0
10064	0.09	0.19	0.11	307,308,334	0.0	0.0	0.0	0,0,0
10065	0.13	0.27	0.16	315,316,334	0.0	0.0	0.0	0,0,0
10066	0.13	0.27	0.16	307,308,334	0.0	0.0	0.0	0,0,0
10067	0.19	0.41	0.24	315,316,334	0.0	0.0	0.0	0,0,0
10068	0.18	0.38	0.22	307,308,334	0.0	0.0	0.0	0,0,0
10069	0.37	0.64	0.45	307,308,334	0.25	0.25	0.25	302,327,334
10070	0.21	0.46	0.26	307,308,334	0.0	0.0	0.0	0,0,0
10071	0.14	0.30	0.17	316,316,333	0.0	0.0	0.0	0,0,0
10072	0.13	0.29	0.16	316,316,333	0.0	0.0	0.0	0,0,0
10073	0.43	0.77	0.54	315,315,334	0.32	0.34	0.34	315,327,334
10074	0.11	0.24	0.14	316,316,333	0.0	0.0	0.0	0,0,0
10075	0.11	0.24	0.15	302,302,333	0.0	0.0	0.0	0,0,0
10076	0.12	0.27	0.15	316,316,333	0.0	0.0	0.0	0,0,0
10077	0.41	0.77	0.51	315,315,334	0.30	0.34	0.33	315,327,334
10079	0.15	0.32	0.19	316,316,333	0.0	0.0	0.0	0,0,0
10080	0.16	0.34	0.20	302,302,333	0.0	0.0	0.0	0,0,0
10081	0.11	0.22	0.13	315,316,334	0.0	0.0	0.0	0,0,0
10082	0.15	0.31	0.19	315,316,334	0.0	0.0	0.0	0,0,0
10083	0.17	0.37	0.22	315,316,333	0.0	0.0	0.0	0,0,0
10084	0.21	0.44	0.26	315,316,333	0.0	0.0	0.0	0,0,0
10085	0.21	0.46	0.27	301,302,333	0.0	0.0	0.0	0,0,0
10086	0.13	0.26	0.16	315,316,334	0.0	0.0	0.0	0,0,0
10087	0.17	0.36	0.22	315,316,334	0.0	0.0	0.0	0,0,0
10088	0.34	0.73	0.42	315,315,334	0.31	0.32	0.32	315,327,334
10089	0.13	0.28	0.16	316,316,333	0.0	0.0	0.0	0,0,0
10090	0.32	0.69	0.40	301,302,333	0.29	0.30	0.29	302,323,333
10091	0.20	0.41	0.25	316,316,333	0.0	0.0	0.0	0,0,0
10092	0.12	0.24	0.14	315,316,334	0.0	0.0	0.0	0,0,0
10093	0.10	0.20	0.12	315,316,334	0.0	0.0	0.0	0,0,0
10094	0.08	0.14	0.09	315,316,334	0.0	0.0	0.0	0,0,0
10095	0.09	0.17	0.11	301,302,333	0.0	0.0	0.0	0,0,0
10096	0.14	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10097	0.12	0.26	0.15	315,316,334	0.0	0.0	0.0	0,0,0
10098	0.11	0.23	0.13	316,316,334	0.0	0.0	0.0	0,0,0
10099	0.08	0.18	0.10	316,316,333	0.0	0.0	0.0	0,0,0
10100	0.10	0.20	0.12	302,302,333	0.0	0.0	0.0	0,0,0
10101	0.14	0.29	0.17	316,316,333	0.0	0.0	0.0	0,0,0
10102	0.13	0.29	0.17	316,316,333	0.0	0.0	0.0	0,0,0
10103	0.12	0.27	0.15	316,316,333	0.0	0.0	0.0	0,0,0
10104	0.10	0.21	0.12	316,316,333	0.0	0.0	0.0	0,0,0
10105	0.11	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
10106	0.20	0.41	0.25	316,322,333	0.0	0.0	0.0	0,0,0
10107	0.33	0.65	0.42	315,315,334	0.26	0.27	0.27	315,327,334
10108	0.13	0.27	0.15	316,316,333	0.0	0.0	0.0	0,0,0
10109	0.11	0.24	0.13	316,316,333	0.0	0.0	0.0	0,0,0
10110	0.11	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
10111	0.15	0.30	0.18	315,315,334	0.0	0.0	0.0	0,0,0
10112	0.20	0.43	0.26	315,316,334	0.0	0.0	0.0	0,0,0
10113	0.29	0.62	0.37	315,316,334	0.26	0.25	0.25	316,327,334
10114	0.34	0.68	0.43	315,316,333	0.28	0.29	0.28	316,323,333
10115	0.42	0.78	0.53	315,315,333	0.31	0.34	0.33	315,327,334
10116	0.17	0.35	0.21	315,315,334	0.0	0.0	0.0	0,0,0
10117	0.23	0.49	0.29	315,315,334	0.0	0.0	0.0	0,0,0
10118	0.35	0.74	0.43	315,315,334	0.32	0.33	0.32	315,327,334
10120	0.26	0.56	0.32	308,308,334	0.24	0.23	0.22	316,327,334
10121	0.19	0.39	0.23	315,315,334	0.0	0.0	0.0	0,0,0
10122	0.25	0.54	0.31	315,315,334	0.23	0.0	0.0	315,0,0
10123	0.37	0.74	0.46	315,315,334	0.31	0.33	0.32	315,327,334
10126	0.10	0.21	0.13	315,315,334	0.0	0.0	0.0	0,0,0
10127	0.12	0.26	0.15	315,315,334	0.0	0.0	0.0	0,0,0
10128	0.14	0.30	0.17	315,315,334	0.0	0.0	0.0	0,0,0
10129	0.06	0.12	0.08	315,315,334	0.0	0.0	0.0	0,0,0
10130	0.08	0.17	0.10	315,315,334	0.0	0.0	0.0	0,0,0
10131	0.10	0.22	0.13	315,315,334	0.0	0.0	0.0	0,0,0
10132	0.13	0.28	0.16	316,316,333	0.0	0.0	0.0	0,0,0
10133	0.11	0.23	0.13	315,316,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10134	0.09	0.19	0.11	315,316,333	0.0	0.0	0.0	0,0,0
10135	0.09	0.17	0.11	315,316,334	0.0	0.0	0.0	0,0,0
10136	0.05	0.10	0.06	315,315,334	0.0	0.0	0.0	0,0,0
10137	0.07	0.14	0.08	315,315,334	0.0	0.0	0.0	0,0,0
10138	0.09	0.19	0.11	307,307,334	0.0	0.0	0.0	0,0,0
10139	0.34	0.65	0.42	316,316,333	0.25	0.27	0.26	316,326,333
10140	0.41	0.77	0.51	315,315,334	0.33	0.35	0.34	315,327,334
10141	0.14	0.29	0.17	316,316,333	0.0	0.0	0.0	0,0,0
10142	0.14	0.29	0.17	316,316,333	0.0	0.0	0.0	0,0,0
10143	0.32	0.66	0.39	316,322,333	0.28	0.28	0.26	322,326,333
10144	0.24	0.50	0.29	316,322,333	0.0	0.0	0.0	0,0,0
10145	0.11	0.23	0.14	316,322,333	0.0	0.0	0.0	0,0,0
10146	0.10	0.22	0.12	316,316,333	0.0	0.0	0.0	0,0,0
10147	0.10	0.22	0.12	316,316,333	0.0	0.0	0.0	0,0,0
10148	0.10	0.21	0.12	315,316,333	0.0	0.0	0.0	0,0,0
10149	0.08	0.18	0.10	315,316,333	0.0	0.0	0.0	0,0,0
10150	0.07	0.15	0.08	315,316,333	0.0	0.0	0.0	0,0,0
10151	0.09	0.20	0.11	302,316,333	0.0	0.0	0.0	0,0,0
10152	0.09	0.19	0.11	315,316,333	0.0	0.0	0.0	0,0,0
10153	0.08	0.17	0.10	315,316,333	0.0	0.0	0.0	0,0,0
10154	0.07	0.14	0.08	315,316,333	0.0	0.0	0.0	0,0,0
10155	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
10156	0.11	0.23	0.13	302,302,333	0.0	0.0	0.0	0,0,0
10157	0.11	0.24	0.14	302,302,333	0.0	0.0	0.0	0,0,0
10158	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10159	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
10160	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10161	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10162	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10163	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
10164	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
10165	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10166	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10167	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10168	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
10169	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
10170	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10171	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10172	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10173	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
10174	0.16	0.34	0.19	301,302,333	0.0	0.0	0.0	0,0,0
10175	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10176	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10177	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10178	0.13	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10179	0.15	0.32	0.18	301,302,333	0.0	0.0	0.0	0,0,0
10180	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10181	0.10	0.22	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10182	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10183	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10184	0.14	0.30	0.17	301,302,333	0.0	0.0	0.0	0,0,0
10185	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
10186	0.08	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10187	0.09	0.20	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10188	0.11	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10189	0.13	0.28	0.16	307,315,334	0.0	0.0	0.0	0,0,0
10190	0.05	0.11	0.06	301,301,333	0.0	0.0	0.0	0,0,0
10191	0.06	0.14	0.08	301,301,333	0.0	0.0	0.0	0,0,0
10192	0.09	0.19	0.11	315,315,334	0.0	0.0	0.0	0,0,0
10193	0.11	0.24	0.14	315,315,334	0.0	0.0	0.0	0,0,0
10194	0.13	0.27	0.16	315,315,334	0.0	0.0	0.0	0,0,0
10195	0.08	0.16	0.09	302,302,333	0.0	0.0	0.0	0,0,0
10196	0.08	0.17	0.09	302,302,333	0.0	0.0	0.0	0,0,0
10197	0.10	0.22	0.13	302,302,333	0.0	0.0	0.0	0,0,0
10198	0.13	0.29	0.17	302,302,333	0.0	0.0	0.0	0,0,0
10199	0.16	0.35	0.21	302,301,333	0.0	0.0	0.0	0,0,0
10200	0.05	0.12	0.07	308,314,334	0.0	0.0	0.0	0,0,0
10201	0.09	0.19	0.11	308,308,334	0.0	0.0	0.0	0,0,0
10202	0.13	0.28	0.16	302,302,333	0.0	0.0	0.0	0,0,0
10203	0.17	0.37	0.22	302,302,333	0.0	0.0	0.0	0,0,0
10204	0.21	0.44	0.26	302,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10205	0.07	0.15	0.09	308,308,334	0.0	0.0	0.0	0,0,0
10206	0.11	0.23	0.14	308,308,334	0.0	0.0	0.0	0,0,0
10207	0.15	0.33	0.20	302,302,333	0.0	0.0	0.0	0,0,0
10208	0.21	0.45	0.26	302,302,333	0.0	0.0	0.0	0,0,0
10209	0.26	0.55	0.32	302,302,333	0.24	0.23	0.22	302,323,333
10210	0.15	0.33	0.19	307,308,334	0.0	0.0	0.0	0,0,0
10211	0.20	0.43	0.25	307,308,334	0.0	0.0	0.0	0,0,0
10212	0.28	0.60	0.35	308,308,334	0.26	0.24	0.24	308,327,334
10213	0.37	0.75	0.47	302,308,333	0.30	0.33	0.32	308,327,334
10215	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
10216	0.15	0.32	0.19	308,308,334	0.0	0.0	0.0	0,0,0
10217	0.21	0.45	0.26	308,308,334	0.0	0.0	0.0	0,0,0
10218	0.28	0.61	0.36	302,302,333	0.26	0.25	0.24	302,323,333
10219	0.35	0.73	0.43	302,302,333	0.31	0.33	0.32	302,323,333
10220	0.19	0.40	0.23	315,315,334	0.0	0.0	0.0	0,0,0
10221	0.25	0.53	0.31	315,315,334	0.23	0.0	0.0	315,0,0
10222	0.37	0.77	0.46	307,307,334	0.32	0.34	0.33	307,327,334
10225	0.18	0.38	0.22	307,307,334	0.0	0.0	0.0	0,0,0
10226	0.23	0.49	0.29	307,307,334	0.0	0.0	0.0	0,0,0
10227	0.34	0.72	0.42	307,308,334	0.30	0.32	0.31	308,327,334
10230	0.19	0.40	0.23	315,315,334	0.0	0.0	0.0	0,0,0
10231	0.25	0.54	0.31	315,315,334	0.23	0.0	0.0	315,0,0
10232	0.38	0.77	0.47	315,315,334	0.31	0.34	0.33	315,327,334
10235	0.04	0.09	0.05	320,320,334	0.0	0.0	0.0	0,0,0
10236	0.06	0.13	0.07	315,315,334	0.0	0.0	0.0	0,0,0
10237	0.09	0.20	0.11	315,315,334	0.0	0.0	0.0	0,0,0
10238	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
10239	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10240	0.05	0.11	0.06	320,320,334	0.0	0.0	0.0	0,0,0
10241	0.06	0.13	0.07	315,315,334	0.0	0.0	0.0	0,0,0
10242	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
10243	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
10244	0.14	0.30	0.17	319,319,334	0.0	0.0	0.0	0,0,0
10245	0.07	0.14	0.08	320,319,334	0.0	0.0	0.0	0,0,0
10246	0.07	0.15	0.08	315,315,334	0.0	0.0	0.0	0,0,0
10247	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10248	0.14	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10249	0.15	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
10250	0.08	0.16	0.09	320,319,334	0.0	0.0	0.0	0,0,0
10251	0.07	0.14	0.08	315,315,334	0.0	0.0	0.0	0,0,0
10252	0.14	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10253	0.11	0.22	0.14	319,319,334	0.0	0.0	0.0	0,0,0
10254	0.12	0.22	0.13	320,320,334	0.0	0.0	0.0	0,0,0
10255	0.24	0.49	0.29	309,309,334	0.0	0.0	0.0	0,0,0
10256	0.16	0.35	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10257	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10258	0.13	0.26	0.15	320,319,334	0.0	0.0	0.0	0,0,0
10259	0.10	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
10260	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
10261	0.17	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10262	0.14	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10263	0.13	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
10264	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
10265	0.15	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10266	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
10267	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10268	0.15	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
10269	0.14	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
10270	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
10271	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
10272	0.18	0.40	0.20	320,320,334	0.0	0.0	0.0	0,0,0
10273	0.18	0.40	0.20	320,320,334	0.0	0.0	0.0	0,0,0
10274	0.18	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
10275	0.17	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10276	0.19	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
10277	0.18	0.38	0.20	319,320,334	0.0	0.0	0.0	0,0,0
10278	0.12	0.25	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10279	0.16	0.32	0.19	301,302,333	0.0	0.0	0.0	0,0,0
10280	0.23	0.49	0.29	302,302,333	0.0	0.0	0.0	0,0,0
10281	0.22	0.47	0.27	302,301,333	0.0	0.0	0.0	0,0,0
10283	0.32	0.58	0.37	321,322,333	0.20	0.21	0.18	322,331,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10285	0.13	0.27	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10286	0.16	0.33	0.19	302,302,333	0.0	0.0	0.0	0,0,0
10287	0.18	0.38	0.22	301,302,333	0.0	0.0	0.0	0,0,0
10288	0.18	0.38	0.22	301,302,333	0.0	0.0	0.0	0,0,0
10290	0.07	0.17	0.09	308,314,334	0.0	0.0	0.0	0,0,0
10291	0.08	0.20	0.11	302,314,334	0.0	0.0	0.0	0,0,0
10292	0.08	0.19	0.11	302,314,333	0.0	0.0	0.0	0,0,0
10293	0.13	0.27	0.16	302,302,333	0.0	0.0	0.0	0,0,0
10294	0.15	0.33	0.19	302,302,333	0.0	0.0	0.0	0,0,0
10295	0.17	0.36	0.21	302,302,333	0.0	0.0	0.0	0,0,0
10296	0.18	0.38	0.23	302,302,333	0.0	0.0	0.0	0,0,0
10297	0.19	0.39	0.23	302,302,333	0.0	0.0	0.0	0,0,0
10301	0.13	0.28	0.16	302,302,333	0.0	0.0	0.0	0,0,0
10302	0.16	0.33	0.19	302,302,333	0.0	0.0	0.0	0,0,0
10303	0.17	0.37	0.21	302,302,333	0.0	0.0	0.0	0,0,0
10304	0.19	0.40	0.23	302,302,333	0.0	0.0	0.0	0,0,0
10305	0.20	0.42	0.24	302,302,333	0.0	0.0	0.0	0,0,0
10308	0.24	0.52	0.27	320,319,334	0.0	0.0	0.0	0,0,0
10309	0.13	0.28	0.16	302,302,333	0.0	0.0	0.0	0,0,0
10310	0.15	0.32	0.19	302,302,333	0.0	0.0	0.0	0,0,0
10311	0.17	0.37	0.21	302,302,333	0.0	0.0	0.0	0,0,0
10312	0.19	0.40	0.23	302,302,333	0.0	0.0	0.0	0,0,0
10313	0.06	0.13	0.07	316,315,334	0.0	0.0	0.0	0,0,0
10314	0.21	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
10315	0.08	0.18	0.10	302,306,333	0.0	0.0	0.0	0,0,0
10316	0.09	0.20	0.11	302,302,333	0.0	0.0	0.0	0,0,0
10317	0.17	0.35	0.21	301,302,333	0.0	0.0	0.0	0,0,0
10318	0.17	0.35	0.21	301,302,333	0.0	0.0	0.0	0,0,0
10319	0.16	0.35	0.21	301,302,333	0.0	0.0	0.0	0,0,0
10320	0.18	0.38	0.22	302,302,333	0.0	0.0	0.0	0,0,0
10321	0.19	0.41	0.24	302,302,333	0.0	0.0	0.0	0,0,0
10322	0.19	0.41	0.24	302,302,333	0.0	0.0	0.0	0,0,0
10323	0.21	0.46	0.27	301,302,333	0.0	0.0	0.0	0,0,0
10324	0.22	0.47	0.28	301,302,333	0.0	0.0	0.0	0,0,0
10325	0.20	0.44	0.26	301,302,333	0.0	0.0	0.0	0,0,0
10326	0.17	0.37	0.22	301,302,333	0.0	0.0	0.0	0,0,0
10327	0.18	0.38	0.22	302,302,333	0.0	0.0	0.0	0,0,0
10328	0.18	0.39	0.22	302,302,333	0.0	0.0	0.0	0,0,0
10329	0.39	0.77	0.48	302,302,333	0.31	0.34	0.32	302,326,333
10330	0.32	0.69	0.41	301,302,333	0.30	0.30	0.29	302,323,333
10331	0.30	0.65	0.38	301,302,333	0.28	0.27	0.26	302,323,333
10332	0.25	0.54	0.32	301,302,333	0.23	0.22	0.0	302,323,0
10333	0.20	0.43	0.25	301,302,333	0.0	0.0	0.0	0,0,0
10334	0.15	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
10335	0.16	0.34	0.19	302,302,333	0.0	0.0	0.0	0,0,0
10336	0.29	0.62	0.35	308,316,334	0.27	0.25	0.25	316,327,334
10337	0.06	0.13	0.06	320,319,334	0.0	0.0	0.0	0,0,0
10338	0.39	0.75	0.49	301,302,333	0.29	0.33	0.32	302,323,333
10339	0.37	0.70	0.46	301,302,333	0.28	0.30	0.29	302,323,333
10340	0.33	0.67	0.41	301,301,333	0.27	0.28	0.28	301,323,333
10341	0.24	0.52	0.30	301,302,333	0.0	0.0	0.0	0,0,0
10342	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
10343	0.13	0.28	0.15	302,302,333	0.0	0.0	0.0	0,0,0
10344	0.16	0.34	0.20	316,316,334	0.0	0.0	0.0	0,0,0
10346	0.44	0.77	0.55	301,301,333	0.31	0.34	0.33	301,323,333
10347	0.37	0.76	0.46	301,301,333	0.31	0.34	0.33	301,323,333
10348	0.25	0.53	0.31	301,302,333	0.23	0.0	0.0	302,0,0
10349	0.16	0.34	0.20	301,302,333	0.0	0.0	0.0	0,0,0
10350	0.21	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
10351	0.80	0.76	0.97	315,315,333	0.28	0.28	0.27	315,327,334
10352	0.10	0.21	0.13	315,315,334	0.0	0.0	0.0	0,0,0
10353	0.27	0.59	0.33	308,316,334	0.25	0.24	0.23	316,327,334
10355	0.39	0.77	0.49	307,302,333	0.31	0.35	0.34	301,323,333
10356	0.25	0.54	0.31	301,302,333	0.23	0.0	0.0	302,0,0
10357	0.15	0.32	0.19	301,301,333	0.0	0.0	0.0	0,0,0
10358	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10359	0.09	0.17	0.11	315,315,334	0.0	0.0	0.0	0,0,0
10360	0.20	0.42	0.24	302,302,333	0.0	0.0	0.0	0,0,0
10363	0.40	0.77	0.50	315,302,334	0.31	0.35	0.34	302,323,333
10364	0.26	0.57	0.33	315,315,334	0.24	0.23	0.23	315,327,334
10365	0.16	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10366	0.09	0.19	0.11	315,315,334	0.0	0.0	0.0	0,0,0
10367	0.09	0.20	0.11	302,302,333	0.0	0.0	0.0	0,0,0
10368	0.08	0.15	0.10	307,307,334	0.0	0.0	0.0	0,0,0
10370	0.34	0.69	0.43	315,316,333	0.27	0.29	0.29	316,323,333
10371	0.42	0.78	0.52	315,315,334	0.31	0.34	0.33	315,327,334
10372	0.28	0.61	0.35	315,315,334	0.26	0.25	0.24	315,327,334
10373	0.20	0.44	0.25	315,315,334	0.0	0.0	0.0	0,0,0
10374	0.12	0.26	0.15	315,315,334	0.0	0.0	0.0	0,0,0
10375	0.10	0.22	0.12	316,315,334	0.0	0.0	0.0	0,0,0
10376	0.09	0.16	0.11	302,306,333	0.0	0.0	0.0	0,0,0
10378	0.29	0.62	0.35	308,316,334	0.26	0.25	0.25	316,327,334
10379	0.42	0.78	0.52	315,315,334	0.31	0.35	0.34	315,327,334
10380	0.32	0.69	0.40	315,315,334	0.29	0.29	0.29	315,327,334
10381	0.21	0.46	0.27	315,315,334	0.0	0.0	0.0	0,0,0
10382	0.14	0.30	0.18	315,315,334	0.0	0.0	0.0	0,0,0
10383	0.14	0.31	0.17	315,315,334	0.0	0.0	0.0	0,0,0
10386	0.29	0.62	0.35	302,316,333	0.27	0.25	0.25	316,327,334
10388	0.32	0.68	0.39	315,315,334	0.29	0.29	0.28	315,327,334
10389	0.21	0.46	0.27	315,315,334	0.0	0.0	0.0	0,0,0
10390	0.16	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0
10391	0.18	0.40	0.22	316,315,334	0.0	0.0	0.0	0,0,0
10393	0.35	0.73	0.44	302,302,333	0.30	0.32	0.31	302,323,333
10394	0.36	0.67	0.45	302,315,333	0.27	0.29	0.28	316,323,333
10395	0.28	0.61	0.35	308,316,334	0.26	0.25	0.24	316,327,334
10396	0.29	0.62	0.36	315,315,334	0.27	0.25	0.25	315,327,334
10397	0.21	0.45	0.26	315,315,334	0.0	0.0	0.0	0,0,0
10398	0.20	0.44	0.25	316,315,333	0.0	0.0	0.0	0,0,0
10399	0.29	0.62	0.36	302,315,333	0.27	0.25	0.25	315,327,334
10400	0.11	0.21	0.14	301,302,333	0.0	0.0	0.0	0,0,0
10401	0.26	0.55	0.32	302,301,333	0.24	0.23	0.22	301,323,333
10402	0.28	0.60	0.35	302,301,333	0.26	0.25	0.24	301,323,333
10403	0.39	0.78	0.49	315,315,334	0.31	0.35	0.34	315,327,334
10404	0.28	0.60	0.34	301,316,333	0.26	0.24	0.24	316,323,333
10405	0.22	0.47	0.26	301,316,333	0.0	0.0	0.0	0,0,0
10406	0.22	0.48	0.27	316,315,333	0.0	0.0	0.0	0,0,0
10407	0.24	0.52	0.29	316,315,333	0.0	0.0	0.0	0,0,0
10408	0.22	0.48	0.27	316,315,334	0.0	0.0	0.0	0,0,0
10409	0.23	0.49	0.29	301,301,333	0.0	0.0	0.0	0,0,0
10410	0.22	0.48	0.28	301,301,333	0.0	0.0	0.0	0,0,0
10411	0.23	0.51	0.29	301,302,333	0.0	0.0	0.0	0,0,0
10412	0.26	0.56	0.32	301,302,333	0.24	0.23	0.0	302,323,0
10413	0.26	0.57	0.32	301,316,333	0.24	0.23	0.22	316,323,333
10414	0.24	0.52	0.30	302,315,333	0.22	0.0	0.0	315,0,0
10415	0.25	0.54	0.31	302,315,333	0.23	0.0	0.0	315,0,0
10416	0.25	0.55	0.31	302,315,333	0.24	0.0	0.0	315,0,0
10417	0.18	0.39	0.23	301,301,333	0.0	0.0	0.0	0,0,0
10418	0.19	0.41	0.24	301,301,333	0.0	0.0	0.0	0,0,0
10419	0.24	0.52	0.30	301,302,333	0.22	0.0	0.0	302,0,0
10420	0.25	0.54	0.32	315,315,333	0.23	0.0	0.0	315,0,0
10421	0.29	0.63	0.36	302,316,333	0.27	0.25	0.25	316,323,333
10422	0.27	0.58	0.33	315,316,333	0.25	0.23	0.23	316,323,333
10423	0.27	0.58	0.33	302,315,333	0.25	0.23	0.23	315,323,333
10424	0.27	0.59	0.34	302,315,333	0.25	0.24	0.23	315,323,333
10425	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
10426	0.20	0.42	0.24	301,302,333	0.0	0.0	0.0	0,0,0
10427	0.23	0.49	0.28	301,302,333	0.0	0.0	0.0	0,0,0
10428	0.25	0.53	0.30	301,316,333	0.23	0.0	0.0	316,0,0
10429	0.42	0.78	0.52	315,315,333	0.31	0.35	0.34	315,327,334
10430	0.29	0.63	0.36	308,316,334	0.27	0.25	0.25	316,327,334
10431	0.29	0.63	0.36	308,316,334	0.27	0.25	0.25	316,327,334
10432	0.29	0.63	0.36	302,315,333	0.27	0.25	0.25	315,327,334
10433	0.18	0.38	0.22	301,302,333	0.0	0.0	0.0	0,0,0
10434	0.20	0.43	0.24	301,302,333	0.0	0.0	0.0	0,0,0
10435	0.22	0.48	0.28	301,302,333	0.0	0.0	0.0	0,0,0
10436	0.28	0.60	0.34	302,316,333	0.26	0.24	0.24	316,323,333
10437	0.29	0.62	0.35	302,316,333	0.26	0.25	0.25	316,327,334
10438	0.29	0.63	0.36	308,316,334	0.27	0.25	0.25	316,327,334
10439	0.29	0.63	0.36	302,316,333	0.27	0.25	0.25	316,327,334
10440	0.29	0.63	0.36	302,315,333	0.27	0.25	0.25	315,323,334
10441	0.18	0.38	0.22	301,302,333	0.0	0.0	0.0	0,0,0
10442	0.20	0.43	0.24	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10443	0.22	0.47	0.27	301,302,333	0.0	0.0	0.0	0,0,0
10444	0.26	0.57	0.32	308,316,334	0.24	0.23	0.22	316,327,334
10445	0.29	0.62	0.35	302,316,333	0.26	0.25	0.24	316,323,333
10446	0.28	0.61	0.35	308,316,334	0.26	0.25	0.24	316,327,334
10447	0.29	0.62	0.35	308,316,334	0.27	0.25	0.25	316,327,334
10448	0.17	0.33	0.21	301,302,333	0.0	0.0	0.0	0,0,0
10449	0.18	0.38	0.22	301,302,333	0.0	0.0	0.0	0,0,0
10450	0.20	0.42	0.24	301,302,333	0.0	0.0	0.0	0,0,0
10451	0.21	0.46	0.26	302,316,333	0.0	0.0	0.0	0,0,0
10452	0.22	0.49	0.28	308,316,334	0.0	0.0	0.0	0,0,0
10453	0.26	0.56	0.32	308,316,334	0.24	0.23	0.0	316,327,0
10455	0.28	0.61	0.35	301,316,333	0.26	0.25	0.24	316,323,333
10456	0.26	0.56	0.32	308,308,334	0.24	0.23	0.22	316,327,334
10457	0.17	0.36	0.21	301,302,333	0.0	0.0	0.0	0,0,0
10458	0.19	0.40	0.23	301,316,333	0.0	0.0	0.0	0,0,0
10459	0.20	0.43	0.24	308,316,334	0.0	0.0	0.0	0,0,0
10460	0.21	0.45	0.26	308,316,334	0.0	0.0	0.0	0,0,0
10461	0.22	0.47	0.27	308,316,334	0.0	0.0	0.0	0,0,0
10462	0.26	0.57	0.33	315,315,334	0.24	0.23	0.23	315,327,334
10464	0.26	0.56	0.33	315,315,334	0.24	0.23	0.23	315,327,334
10465	0.16	0.34	0.19	307,316,334	0.0	0.0	0.0	0,0,0
10466	0.17	0.37	0.21	307,316,334	0.0	0.0	0.0	0,0,0
10467	0.18	0.39	0.22	308,316,334	0.0	0.0	0.0	0,0,0
10468	0.18	0.39	0.22	308,316,334	0.0	0.0	0.0	0,0,0
10469	0.18	0.40	0.23	315,315,334	0.0	0.0	0.0	0,0,0
10470	0.29	0.62	0.36	315,315,334	0.26	0.25	0.25	315,327,334
10471	0.27	0.58	0.33	308,316,334	0.25	0.24	0.23	316,327,334
10472	0.25	0.54	0.31	315,315,333	0.23	0.0	0.0	315,0,0
10473	0.15	0.31	0.18	307,316,334	0.0	0.0	0.0	0,0,0
10474	0.15	0.33	0.19	307,316,334	0.0	0.0	0.0	0,0,0
10475	0.16	0.34	0.19	308,316,334	0.0	0.0	0.0	0,0,0
10476	0.16	0.34	0.19	308,316,334	0.0	0.0	0.0	0,0,0
10477	0.18	0.40	0.23	315,315,334	0.0	0.0	0.0	0,0,0
10478	0.30	0.64	0.37	315,315,334	0.27	0.26	0.26	315,327,334
10479	0.40	0.77	0.50	315,315,334	0.33	0.35	0.34	315,327,334
10480	0.33	0.72	0.42	315,315,334	0.31	0.31	0.31	315,327,334
10481	0.14	0.29	0.17	315,315,334	0.0	0.0	0.0	0,0,0
10482	0.14	0.30	0.17	316,315,334	0.0	0.0	0.0	0,0,0
10483	0.14	0.30	0.17	316,315,334	0.0	0.0	0.0	0,0,0
10484	0.14	0.29	0.17	316,316,334	0.0	0.0	0.0	0,0,0
10485	0.17	0.37	0.22	319,319,334	0.0	0.0	0.0	0,0,0
10486	0.30	0.64	0.37	315,315,334	0.27	0.26	0.26	315,327,334
10487	0.41	0.77	0.51	315,315,334	0.31	0.34	0.34	315,327,334
10488	0.34	0.74	0.43	315,315,334	0.32	0.33	0.32	315,327,334
10489	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10490	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10491	0.13	0.28	0.16	316,315,334	0.0	0.0	0.0	0,0,0
10492	0.12	0.25	0.15	320,319,334	0.0	0.0	0.0	0,0,0
10493	0.15	0.32	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10494	0.21	0.46	0.26	319,319,334	0.0	0.0	0.0	0,0,0
10495	0.27	0.58	0.34	315,315,334	0.25	0.23	0.23	315,327,334
10496	0.65	0.73	0.81	301,301,333	0.27	0.27	0.27	301,323,333
10497	0.16	0.33	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10498	0.15	0.33	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10499	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
10500	0.13	0.28	0.16	320,319,334	0.0	0.0	0.0	0,0,0
10501	0.09	0.20	0.12	319,319,334	0.0	0.0	0.0	0,0,0
10502	0.19	0.39	0.22	320,320,334	0.0	0.0	0.0	0,0,0
10503	0.18	0.40	0.21	320,319,334	0.0	0.0	0.0	0,0,0
10504	0.16	0.36	0.19	320,319,334	0.0	0.0	0.0	0,0,0
10505	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10506	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10507	0.15	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
10508	0.46	0.77	0.54	320,320,334	0.30	0.30	0.29	320,328,334
10509	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10510	0.15	0.31	0.18	319,319,334	0.0	0.0	0.0	0,0,0
10511	0.30	0.65	0.34	320,319,334	0.28	0.24	0.24	319,328,334
10512	0.16	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
10513	0.19	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
10514	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10515	0.18	0.38	0.22	309,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10516	0.18	0.39	0.22	320,319,334	0.0	0.0	0.0	0,0,0
10517	0.29	0.63	0.34	319,319,334	0.27	0.24	0.23	319,328,334
10518	0.18	0.39	0.20	320,319,334	0.0	0.0	0.0	0,0,0
10519	0.35	0.72	0.44	302,302,333	0.31	0.31	0.30	302,323,333
10520	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10521	0.14	0.29	0.16	320,319,334	0.0	0.0	0.0	0,0,0
10522	0.10	0.21	0.12	320,319,334	0.0	0.0	0.0	0,0,0
10523	0.08	0.16	0.08	320,320,334	0.0	0.0	0.0	0,0,0
10524	0.08	0.16	0.08	320,320,334	0.0	0.0	0.0	0,0,0
10526	0.15	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10527	0.15	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10528	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10529	0.18	0.37	0.21	320,320,334	0.0	0.0	0.0	0,0,0
10530	0.20	0.42	0.24	302,302,333	0.0	0.0	0.0	0,0,0
10531	0.10	0.21	0.12	320,319,334	0.0	0.0	0.0	0,0,0
10532	0.08	0.15	0.09	309,309,334	0.0	0.0	0.0	0,0,0
10533	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
10534	0.14	0.30	0.15	320,320,334	0.0	0.0	0.0	0,0,0
10535	0.11	0.23	0.13	320,319,334	0.0	0.0	0.0	0,0,0
10536	0.21	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
10537	0.16	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
10538	0.21	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0
10539	0.15	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10540	0.21	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
10541	0.50	0.78	0.61	319,320,334	0.31	0.31	0.31	320,327,334
10542	0.14	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
10543	0.16	0.34	0.19	320,320,334	0.0	0.0	0.0	0,0,0
10544	0.08	0.15	0.10	309,309,334	0.0	0.0	0.0	0,0,0
10545	0.16	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
10546	0.12	0.27	0.16	307,301,334	0.0	0.0	0.0	0,0,0
10547	0.32	0.70	0.39	320,319,334	0.30	0.29	0.28	319,327,334
10548	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10549	0.24	0.48	0.29	309,309,334	0.0	0.0	0.0	0,0,0
10550	0.43	0.78	0.49	319,320,334	0.33	0.32	0.31	320,328,334
10551	0.23	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
10552	0.11	0.24	0.14	307,301,334	0.0	0.0	0.0	0,0,0
10553	0.13	0.27	0.16	302,307,333	0.0	0.0	0.0	0,0,0
10554	0.14	0.30	0.17	301,307,333	0.0	0.0	0.0	0,0,0
10555	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10556	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10557	0.10	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
10558	0.10	0.22	0.13	320,320,334	0.0	0.0	0.0	0,0,0
10559	0.16	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
10560	0.18	0.40	0.21	320,319,334	0.0	0.0	0.0	0,0,0
10561	0.19	0.41	0.22	320,319,334	0.0	0.0	0.0	0,0,0
10562	0.04	0.09	0.05	319,319,334	0.0	0.0	0.0	0,0,0
10563	0.19	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
10564	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
10565	0.09	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10566	0.20	0.44	0.25	316,315,333	0.0	0.0	0.0	0,0,0
10567	0.06	0.13	0.07	320,319,334	0.0	0.0	0.0	0,0,0
10568	0.24	0.48	0.27	319,319,334	0.0	0.0	0.0	0,0,0
10569	0.19	0.40	0.22	320,320,334	0.0	0.0	0.0	0,0,0
10570	0.08	0.17	0.09	320,319,334	0.0	0.0	0.0	0,0,0
10571	0.25	0.55	0.32	302,308,333	0.24	0.23	0.0	308,327,0
10572	0.25	0.54	0.31	315,315,334	0.23	0.0	0.0	315,0,0
10573	0.32	0.69	0.40	315,315,334	0.30	0.30	0.29	315,327,334
10574	0.80	0.76	0.99	315,315,334	0.30	0.32	0.32	315,327,334
10575	0.43	0.78	0.53	315,315,333	0.31	0.35	0.34	315,327,334
10576	0.13	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
10577	0.18	0.39	0.20	320,320,334	0.0	0.0	0.0	0,0,0
10578	0.11	0.23	0.14	307,308,334	0.0	0.0	0.0	0,0,0
10579	0.15	0.31	0.18	307,307,334	0.0	0.0	0.0	0,0,0
10580	0.12	0.25	0.15	307,308,334	0.0	0.0	0.0	0,0,0
10581	0.15	0.31	0.18	307,307,334	0.0	0.0	0.0	0,0,0
10582	0.14	0.30	0.18	307,308,334	0.0	0.0	0.0	0,0,0
10583	0.12	0.26	0.15	307,308,334	0.0	0.0	0.0	0,0,0
10584	0.12	0.26	0.15	307,308,334	0.0	0.0	0.0	0,0,0
10585	0.13	0.28	0.16	307,308,334	0.0	0.0	0.0	0,0,0
10586	0.13	0.28	0.16	307,308,334	0.0	0.0	0.0	0,0,0
10587	0.41	0.74	0.49	308,316,334	0.29	0.31	0.30	316,327,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10588	0.22	0.47	0.27	308,308,334	0.0	0.0	0.0	0,0,0
10589	0.18	0.38	0.22	316,316,334	0.0	0.0	0.0	0,0,0
10590	0.16	0.33	0.19	308,308,334	0.0	0.0	0.0	0,0,0
10591	0.13	0.27	0.16	307,308,334	0.0	0.0	0.0	0,0,0
10592	0.09	0.18	0.11	307,308,334	0.0	0.0	0.0	0,0,0
10593	0.12	0.25	0.15	307,308,334	0.0	0.0	0.0	0,0,0
10594	0.08	0.18	0.10	307,308,334	0.0	0.0	0.0	0,0,0
10595	0.14	0.29	0.17	307,308,334	0.0	0.0	0.0	0,0,0
10596	0.10	0.21	0.12	307,308,334	0.0	0.0	0.0	0,0,0
10597	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10598	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10599	0.11	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10600	0.12	0.24	0.14	301,302,333	0.0	0.0	0.0	0,0,0
10601	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10602	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10603	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10604	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10605	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10606	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10607	0.14	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10608	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10609	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10610	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10611	0.14	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10612	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10613	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10614	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10615	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10616	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10617	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10618	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10619	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10620	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10621	0.10	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
10622	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10623	0.09	0.19	0.11	315,315,333	0.0	0.0	0.0	0,0,0
10624	0.08	0.17	0.10	315,315,333	0.0	0.0	0.0	0,0,0
10625	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10626	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
10627	0.07	0.16	0.09	319,319,334	0.0	0.0	0.0	0,0,0
10628	0.06	0.14	0.07	320,320,334	0.0	0.0	0.0	0,0,0
10629	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10630	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10631	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10632	0.09	0.18	0.10	301,302,333	0.0	0.0	0.0	0,0,0
10633	0.07	0.14	0.08	301,301,333	0.0	0.0	0.0	0,0,0
10634	0.06	0.12	0.07	301,301,333	0.0	0.0	0.0	0,0,0
10635	0.06	0.11	0.06	301,301,333	0.0	0.0	0.0	0,0,0
10636	0.06	0.13	0.08	316,308,334	0.0	0.0	0.0	0,0,0
10637	0.04	0.09	0.05	301,308,333	0.0	0.0	0.0	0,0,0
10638	0.03	0.07	0.04	308,308,334	0.0	0.0	0.0	0,0,0
10639	0.05	0.11	0.06	308,308,334	0.0	0.0	0.0	0,0,0
10640	0.09	0.19	0.11	316,316,334	0.0	0.0	0.0	0,0,0
10641	0.12	0.25	0.14	308,308,334	0.0	0.0	0.0	0,0,0
10642	0.14	0.30	0.17	308,308,334	0.0	0.0	0.0	0,0,0
10643	0.24	0.51	0.29	308,308,334	0.0	0.0	0.0	0,0,0
10644	0.39	0.66	0.48	308,308,334	0.24	0.27	0.26	308,327,334
10645	0.09	0.19	0.11	308,308,334	0.0	0.0	0.0	0,0,0
10646	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
10647	0.13	0.28	0.16	308,308,334	0.0	0.0	0.0	0,0,0
10648	0.18	0.39	0.22	316,308,334	0.0	0.0	0.0	0,0,0
10649	0.10	0.22	0.12	301,302,333	0.0	0.0	0.0	0,0,0
10650	0.12	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10651	0.13	0.27	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10652	0.13	0.27	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10653	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10654	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10655	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
10656	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
10657	0.11	0.22	0.13	301,302,333	0.0	0.0	0.0	0,0,0
10658	0.13	0.26	0.15	301,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10659	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10660	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10661	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10662	0.13	0.28	0.16	320,320,334	0.0	0.0	0.0	0,0,0
10663	0.20	0.44	0.24	316,316,334	0.0	0.0	0.0	0,0,0
10664	0.22	0.46	0.26	316,316,334	0.0	0.0	0.0	0,0,0
10665	0.11	0.23	0.13	301,302,333	0.0	0.0	0.0	0,0,0
10666	0.13	0.27	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10667	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10668	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10669	0.13	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10670	0.15	0.32	0.18	316,316,334	0.0	0.0	0.0	0,0,0
10671	0.27	0.58	0.32	316,316,334	0.25	0.23	0.23	316,327,334
10672	0.57	0.63	0.68	301,315,333	0.24	0.25	0.24	315,327,334
10673	0.12	0.24	0.14	301,302,333	0.0	0.0	0.0	0,0,0
10674	0.11	0.24	0.14	301,302,333	0.0	0.0	0.0	0,0,0
10675	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10676	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10677	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10678	0.14	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10679	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10680	0.14	0.29	0.16	301,302,333	0.0	0.0	0.0	0,0,0
10681	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10682	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10683	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
10684	0.16	0.34	0.19	316,316,334	0.0	0.0	0.0	0,0,0
10685	0.18	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
10686	0.31	0.65	0.37	316,316,334	0.28	0.26	0.25	316,327,334
10687	0.19	0.38	0.23	316,316,334	0.0	0.0	0.0	0,0,0
10688	0.70	0.76	0.84	315,315,334	0.28	0.27	0.26	315,327,334
10689	0.09	0.18	0.10	301,302,333	0.0	0.0	0.0	0,0,0
10690	0.08	0.17	0.10	301,302,333	0.0	0.0	0.0	0,0,0
10691	0.07	0.15	0.08	301,302,333	0.0	0.0	0.0	0,0,0
10692	0.07	0.15	0.09	301,302,333	0.0	0.0	0.0	0,0,0
10693	0.06	0.13	0.08	316,308,334	0.0	0.0	0.0	0,0,0
10694	0.06	0.12	0.07	301,302,333	0.0	0.0	0.0	0,0,0
10695	0.15	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10696	0.13	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10697	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10698	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
10699	0.15	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10700	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10701	0.15	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
10702	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
10703	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10704	0.15	0.33	0.18	301,301,333	0.0	0.0	0.0	0,0,0
10705	0.15	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10706	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10707	0.14	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10708	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10709	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10710	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10711	0.12	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10712	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10713	0.11	0.24	0.13	315,315,333	0.0	0.0	0.0	0,0,0
10714	0.11	0.24	0.13	315,315,333	0.0	0.0	0.0	0,0,0
10715	0.10	0.23	0.13	315,315,333	0.0	0.0	0.0	0,0,0
10716	0.10	0.22	0.12	315,315,334	0.0	0.0	0.0	0,0,0
10717	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10718	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10719	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10720	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10721	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10722	0.56	0.75	0.68	316,316,334	0.28	0.28	0.28	316,327,334
10723	0.41	0.63	0.49	308,308,334	0.23	0.24	0.23	308,327,334
10724	0.18	0.39	0.22	308,308,334	0.0	0.0	0.0	0,0,0
10725	0.19	0.41	0.23	308,308,334	0.0	0.0	0.0	0,0,0
10726	0.16	0.34	0.19	308,308,334	0.0	0.0	0.0	0,0,0
10727	0.14	0.29	0.16	308,308,334	0.0	0.0	0.0	0,0,0
10728	0.08	0.16	0.09	302,302,333	0.0	0.0	0.0	0,0,0
10729	0.07	0.16	0.09	302,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10730	0.06	0.13	0.07	308,308,334	0.0	0.0	0.0	0,0,0
10731	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10732	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10733	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
10734	0.04	0.09	0.05	310,320,334	0.0	0.0	0.0	0,0,0
10735	0.03	0.07	0.04	320,320,334	0.0	0.0	0.0	0,0,0
10736	0.05	0.09	0.06	308,308,334	0.0	0.0	0.0	0,0,0
10737	0.05	0.09	0.05	301,302,333	0.0	0.0	0.0	0,0,0
10738	0.05	0.11	0.06	301,302,333	0.0	0.0	0.0	0,0,0
10739	0.09	0.19	0.11	316,316,334	0.0	0.0	0.0	0,0,0
10740	0.08	0.17	0.10	316,308,334	0.0	0.0	0.0	0,0,0
10741	0.05	0.10	0.05	302,302,333	0.0	0.0	0.0	0,0,0
10742	0.08	0.16	0.09	301,302,333	0.0	0.0	0.0	0,0,0
10743	0.08	0.18	0.10	316,316,334	0.0	0.0	0.0	0,0,0
10744	0.22	0.46	0.26	308,308,334	0.0	0.0	0.0	0,0,0
10745	0.09	0.19	0.11	308,302,334	0.0	0.0	0.0	0,0,0
10746	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10747	0.06	0.13	0.08	301,302,333	0.0	0.0	0.0	0,0,0
10748	0.09	0.20	0.11	308,308,334	0.0	0.0	0.0	0,0,0
10749	0.11	0.22	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10750	0.09	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10751	0.07	0.14	0.08	301,301,333	0.0	0.0	0.0	0,0,0
10752	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10753	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10754	0.11	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10755	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10756	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10757	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10758	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10759	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10760	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
10761	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
10762	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10763	0.14	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10764	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
10765	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
10766	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
10767	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
10768	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
10769	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10770	0.12	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10771	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10772	0.10	0.20	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10773	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10774	0.11	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
10775	0.14	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10776	0.13	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10777	0.12	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10778	0.15	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
10779	0.12	0.26	0.15	307,301,334	0.0	0.0	0.0	0,0,0
10780	0.10	0.22	0.13	307,307,334	0.0	0.0	0.0	0,0,0
10781	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
10782	0.09	0.19	0.11	307,307,334	0.0	0.0	0.0	0,0,0
10783	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10784	0.06	0.12	0.07	301,301,333	0.0	0.0	0.0	0,0,0
10785	0.06	0.13	0.08	301,301,333	0.0	0.0	0.0	0,0,0
10786	0.05	0.11	0.06	316,316,334	0.0	0.0	0.0	0,0,0
10787	0.13	0.28	0.16	302,315,333	0.0	0.0	0.0	0,0,0
10788	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10789	0.13	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10790	0.13	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10791	0.12	0.27	0.15	302,315,333	0.0	0.0	0.0	0,0,0
10792	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10793	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
10794	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
10795	0.10	0.22	0.13	302,315,333	0.0	0.0	0.0	0,0,0
10796	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10797	0.10	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10798	0.09	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
10799	0.09	0.19	0.11	302,301,333	0.0	0.0	0.0	0,0,0
10800	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10801	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0
10802	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
10803	0.23	0.49	0.28	315,315,334	0.0	0.0	0.0	0,0,0
10804	0.60	0.77	0.74	320,315,334	0.31	0.33	0.32	315,327,334
10805	0.13	0.28	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10806	0.09	0.19	0.11	319,319,334	0.0	0.0	0.0	0,0,0
10807	0.09	0.18	0.11	308,307,334	0.0	0.0	0.0	0,0,0
10808	0.22	0.47	0.27	320,319,334	0.0	0.0	0.0	0,0,0
10809	0.36	0.74	0.43	320,320,334	0.31	0.32	0.31	320,327,334
10810	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
10812	0.40	0.66	0.48	315,315,334	0.24	0.26	0.25	315,330,334
10815	0.07	0.17	0.09	308,314,334	0.0	0.0	0.0	0,0,0
10816	0.08	0.20	0.10	302,314,334	0.0	0.0	0.0	0,0,0
10817	0.08	0.19	0.10	302,314,333	0.0	0.0	0.0	0,0,0
10823	0.14	0.31	0.17	320,319,334	0.0	0.0	0.0	0,0,0
10824	0.08	0.18	0.10	302,314,333	0.0	0.0	0.0	0,0,0
10825	0.09	0.20	0.11	302,306,333	0.0	0.0	0.0	0,0,0
10826	0.35	0.69	0.43	302,302,333	0.27	0.29	0.27	302,326,333
10827	0.16	0.34	0.20	316,322,333	0.0	0.0	0.0	0,0,0
10828	0.12	0.24	0.14	315,316,334	0.0	0.0	0.0	0,0,0
10829	0.10	0.19	0.12	315,316,334	0.0	0.0	0.0	0,0,0
10830	0.08	0.15	0.10	307,307,334	0.0	0.0	0.0	0,0,0
10831	0.09	0.18	0.11	301,302,333	0.0	0.0	0.0	0,0,0
10834	0.12	0.25	0.15	301,302,333	0.0	0.0	0.0	0,0,0
10835	0.16	0.33	0.19	301,302,333	0.0	0.0	0.0	0,0,0
10836	0.27	0.55	0.34	302,302,333	0.24	0.22	0.22	302,326,333
10838	0.18	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
10839	0.33	0.71	0.38	319,319,334	0.30	0.27	0.26	319,328,334
10840	0.19	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
10841	0.08	0.18	0.09	320,319,334	0.0	0.0	0.0	0,0,0
10842	0.08	0.17	0.09	320,319,334	0.0	0.0	0.0	0,0,0
10843	0.12	0.27	0.16	307,301,334	0.0	0.0	0.0	0,0,0
10844	0.11	0.24	0.14	307,301,334	0.0	0.0	0.0	0,0,0
10845	0.13	0.28	0.16	302,315,333	0.0	0.0	0.0	0,0,0
10846	0.14	0.30	0.17	301,307,333	0.0	0.0	0.0	0,0,0
10847	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10848	0.13	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
10849	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
10850	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10851	0.05	0.11	0.06	316,316,333	0.0	0.0	0.0	0,0,0
10852	0.07	0.17	0.09	316,316,334	0.0	0.0	0.0	0,0,0
10853	0.07	0.15	0.09	316,316,333	0.0	0.0	0.0	0,0,0
10854	0.09	0.20	0.11	316,316,333	0.0	0.0	0.0	0,0,0
10855	0.09	0.19	0.11	316,316,334	0.0	0.0	0.0	0,0,0
10856	0.13	0.28	0.15	316,316,333	0.0	0.0	0.0	0,0,0
10857	0.10	0.22	0.12	316,316,334	0.0	0.0	0.0	0,0,0
10858	0.15	0.34	0.19	316,316,334	0.0	0.0	0.0	0,0,0
10859	0.07	0.15	0.09	302,301,333	0.0	0.0	0.0	0,0,0
10860	0.07	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
10861	0.07	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
10862	0.07	0.15	0.08	301,301,333	0.0	0.0	0.0	0,0,0
10863	0.06	0.12	0.07	302,316,333	0.0	0.0	0.0	0,0,0
10864	0.06	0.14	0.08	301,315,333	0.0	0.0	0.0	0,0,0
10865	0.06	0.14	0.08	301,315,333	0.0	0.0	0.0	0,0,0
10866	0.06	0.13	0.07	301,301,333	0.0	0.0	0.0	0,0,0
10867	0.15	0.45	0.18	301,308,333	0.16	0.16	0.15	316,327,334
10868	0.06	0.13	0.07	301,316,333	0.0	0.0	0.0	0,0,0
10869	0.06	0.13	0.07	301,316,333	0.0	0.0	0.0	0,0,0
10870	0.07	0.15	0.08	316,316,334	0.0	0.0	0.0	0,0,0
10871	0.31	0.36	0.38	301,301,333	0.11	0.11	0.11	307,327,334
10872	0.06	0.13	0.07	301,316,333	0.0	0.0	0.0	0,0,0
10873	0.06	0.13	0.07	316,316,334	0.0	0.0	0.0	0,0,0
10874	0.08	0.17	0.09	316,316,334	0.0	0.0	0.0	0,0,0
10875	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
10876	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
10877	0.16	0.33	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10878	0.15	0.32	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10879	0.07	0.16	0.09	315,315,334	0.0	0.0	0.0	0,0,0
10880	0.10	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10881	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10882	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10883	0.18	0.40	0.21	320,319,334	0.0	0.0	0.0	0,0,0
10884	0.15	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
10885	0.17	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
10886	0.19	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
10887	0.29	0.61	0.33	319,319,334	0.26	0.23	0.22	319,328,334
10888	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
10889	0.19	0.40	0.22	320,320,334	0.0	0.0	0.0	0,0,0
10890	0.15	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10891	0.18	0.38	0.21	319,319,334	0.0	0.0	0.0	0,0,0
10892	0.63	0.71	0.73	320,319,334	0.26	0.25	0.24	319,328,334
10893	0.39	0.69	0.47	319,319,334	0.27	0.28	0.27	319,328,334
10894	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
10895	0.14	0.27	0.17	319,309,334	0.0	0.0	0.0	0,0,0
10896	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
10897	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
10898	0.08	0.17	0.10	319,319,334	0.0	0.0	0.0	0,0,0
10899	0.19	0.39	0.22	320,320,334	0.0	0.0	0.0	0,0,0
10900	0.15	0.30	0.17	320,320,334	0.0	0.0	0.0	0,0,0
10901	0.14	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
10902	0.16	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
10903	0.17	0.35	0.19	320,320,334	0.0	0.0	0.0	0,0,0
10904	0.13	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
10905	0.18	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
10906	0.10	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10907	0.10	0.22	0.12	316,316,334	0.0	0.0	0.0	0,0,0
10908	0.09	0.20	0.11	316,316,334	0.0	0.0	0.0	0,0,0
10909	0.07	0.15	0.09	316,316,334	0.0	0.0	0.0	0,0,0
10910	0.15	0.34	0.18	316,316,334	0.0	0.0	0.0	0,0,0
10911	0.13	0.29	0.16	316,316,334	0.0	0.0	0.0	0,0,0
10912	0.10	0.22	0.12	316,316,334	0.0	0.0	0.0	0,0,0
10913	0.07	0.16	0.08	308,316,334	0.0	0.0	0.0	0,0,0
10914	0.06	0.16	0.08	316,316,334	0.0	0.0	0.0	0,0,0
10915	0.06	0.13	0.07	308,316,334	0.0	0.0	0.0	0,0,0
10916	0.06	0.12	0.07	301,316,333	0.0	0.0	0.0	0,0,0
10917	0.05	0.12	0.07	316,316,334	0.0	0.0	0.0	0,0,0
10918	0.05	0.12	0.06	316,316,334	0.0	0.0	0.0	0,0,0
10919	0.06	0.13	0.07	316,316,334	0.0	0.0	0.0	0,0,0
10920	0.06	0.13	0.07	316,316,334	0.0	0.0	0.0	0,0,0
10921	0.05	0.12	0.06	316,316,334	0.0	0.0	0.0	0,0,0
10922	0.08	0.17	0.09	316,316,334	0.0	0.0	0.0	0,0,0
10923	0.07	0.16	0.09	316,316,334	0.0	0.0	0.0	0,0,0
10924	0.06	0.13	0.07	316,316,334	0.0	0.0	0.0	0,0,0
10925	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
10926	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
10927	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
10928	0.24	0.50	0.29	319,319,334	0.0	0.0	0.0	0,0,0
10929	0.24	0.51	0.29	319,319,334	0.0	0.0	0.0	0,0,0
10930	0.66	0.79	0.79	319,319,334	0.31	0.33	0.33	319,327,334
10931	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
10932	0.38	0.79	0.46	319,319,334	0.33	0.34	0.33	319,327,334
10933	0.41	0.74	0.49	320,319,334	0.30	0.30	0.29	320,328,334
10934	0.19	0.39	0.22	320,320,334	0.0	0.0	0.0	0,0,0
10935	0.09	0.18	0.10	320,319,334	0.0	0.0	0.0	0,0,0
10936	0.20	0.41	0.23	320,320,334	0.0	0.0	0.0	0,0,0
10937	0.14	0.28	0.16	320,320,334	0.0	0.0	0.0	0,0,0
10938	0.18	0.38	0.20	319,320,334	0.0	0.0	0.0	0,0,0
10939	0.16	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
10940	0.20	0.42	0.23	320,320,334	0.0	0.0	0.0	0,0,0
10941	0.13	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
10942	0.21	0.38	0.23	319,319,334	0.0	0.0	0.0	0,0,0
10943	0.16	0.36	0.19	320,319,334	0.0	0.0	0.0	0,0,0
10944	0.17	0.31	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10945	0.16	0.31	0.18	320,320,334	0.0	0.0	0.0	0,0,0
10946	0.18	0.36	0.20	320,320,334	0.0	0.0	0.0	0,0,0
10947	0.19	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
10948	0.34	0.68	0.40	319,319,334	0.27	0.26	0.26	319,328,334
10949	0.36	0.72	0.43	319,319,334	0.29	0.30	0.29	319,327,334
10950	0.11	0.21	0.13	319,319,334	0.0	0.0	0.0	0,0,0
10951	0.19	0.39	0.23	319,319,334	0.0	0.0	0.0	0,0,0
10952	0.11	0.23	0.13	320,320,334	0.0	0.0	0.0	0,0,0
10953	0.16	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10954	0.13	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
10955	0.35	0.74	0.40	319,319,334	0.32	0.30	0.29	319,328,334
10956	0.36	0.75	0.42	320,320,334	0.32	0.31	0.30	320,328,334
10957	0.09	0.18	0.10	320,320,334	0.0	0.0	0.0	0,0,0
10958	0.20	0.37	0.23	319,319,334	0.0	0.0	0.0	0,0,0
10959	0.12	0.23	0.13	320,320,334	0.0	0.0	0.0	0,0,0
10960	0.07	0.15	0.08	320,319,334	0.0	0.0	0.0	0,0,0
10961	0.16	0.31	0.18	320,320,334	0.0	0.0	0.0	0,0,0
10962	0.23	0.48	0.28	319,319,334	0.0	0.0	0.0	0,0,0
10963	0.19	0.38	0.22	319,319,334	0.0	0.0	0.0	0,0,0
10964	0.12	0.25	0.15	319,319,334	0.0	0.0	0.0	0,0,0
10965	0.39	0.74	0.46	319,319,334	0.29	0.30	0.29	319,328,334
10966	0.29	0.60	0.34	319,319,334	0.26	0.23	0.23	319,328,334
10967	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10968	0.67	0.78	0.77	319,319,334	0.30	0.29	0.28	319,328,334
10969	0.65	0.79	0.79	320,319,334	0.30	0.32	0.31	319,327,334
10970	0.78	0.78	0.91	319,319,334	0.31	0.30	0.29	319,330,334
10971	0.19	0.39	0.23	309,309,334	0.0	0.0	0.0	0,0,0
10972	0.32	0.64	0.38	319,319,334	0.27	0.24	0.24	319,328,334
10973	0.18	0.36	0.22	319,319,334	0.0	0.0	0.0	0,0,0
10974	0.21	0.42	0.25	319,319,334	0.0	0.0	0.0	0,0,0
10975	0.07	0.15	0.09	307,307,334	0.0	0.0	0.0	0,0,0
10976	0.19	0.42	0.22	320,319,334	0.0	0.0	0.0	0,0,0
10977	0.22	0.45	0.27	309,309,334	0.0	0.0	0.0	0,0,0
10978	0.16	0.32	0.18	320,320,334	0.0	0.0	0.0	0,0,0
10979	0.23	0.47	0.27	319,319,334	0.0	0.0	0.0	0,0,0
10980	0.24	0.50	0.29	319,319,334	0.0	0.0	0.0	0,0,0
10981	0.30	0.61	0.36	319,319,334	0.26	0.24	0.23	319,328,334
10982	0.13	0.28	0.15	310,310,334	0.0	0.0	0.0	0,0,0
10983	0.19	0.41	0.22	320,319,334	0.0	0.0	0.0	0,0,0
10984	0.49	0.69	0.57	319,319,334	0.26	0.25	0.24	319,330,334
10985	0.41	0.76	0.49	319,319,334	0.30	0.31	0.30	319,328,334
10986	0.20	0.40	0.23	320,320,334	0.0	0.0	0.0	0,0,0
10987	0.18	0.36	0.21	320,320,334	0.0	0.0	0.0	0,0,0
10988	0.15	0.29	0.17	319,319,334	0.0	0.0	0.0	0,0,0
10989	0.29	0.60	0.35	319,319,334	0.25	0.23	0.23	319,328,334
10990	0.10	0.17	0.12	320,320,334	0.0	0.0	0.0	0,0,0
10991	0.19	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
10992	0.76	0.78	0.90	319,319,334	0.30	0.31	0.30	319,328,334
10993	0.15	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
10994	0.17	0.29	0.18	320,320,334	0.0	0.0	0.0	0,0,0
10995	0.31	0.68	0.38	320,319,334	0.29	0.27	0.26	319,327,334
10996	0.53	0.68	0.64	316,316,333	0.25	0.25	0.24	316,323,333
10997	0.57	0.77	0.69	316,316,334	0.30	0.29	0.29	316,327,334
10998	0.19	0.40	0.23	308,308,334	0.0	0.0	0.0	0,0,0
10999	0.07	0.15	0.09	308,308,334	0.0	0.0	0.0	0,0,0
11000	0.07	0.15	0.09	301,315,333	0.0	0.0	0.0	0,0,0
11001	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
11002	0.20	0.42	0.24	302,302,333	0.0	0.0	0.0	0,0,0
11003	0.20	0.42	0.24	308,308,334	0.0	0.0	0.0	0,0,0
11004	0.09	0.19	0.11	308,308,334	0.0	0.0	0.0	0,0,0
11005	0.07	0.15	0.09	301,301,333	0.0	0.0	0.0	0,0,0
11006	0.10	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11007	0.11	0.22	0.13	301,301,333	0.0	0.0	0.0	0,0,0
11008	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11009	0.11	0.22	0.13	301,301,333	0.0	0.0	0.0	0,0,0
11010	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11011	0.10	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11012	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
11013	0.09	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
11014	0.15	0.32	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11015	0.15	0.30	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11016	0.14	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11017	0.09	0.20	0.11	316,316,334	0.0	0.0	0.0	0,0,0
11018	0.05	0.11	0.06	316,316,334	0.0	0.0	0.0	0,0,0
11019	0.07	0.16	0.09	316,316,334	0.0	0.0	0.0	0,0,0
11020	0.06	0.10	0.07	308,308,334	0.0	0.0	0.0	0,0,0
11021	0.05	0.10	0.06	301,308,333	0.0	0.0	0.0	0,0,0
11022	0.05	0.09	0.06	301,308,333	0.0	0.0	0.0	0,0,0
11023	0.05	0.10	0.06	301,316,333	0.0	0.0	0.0	0,0,0
11024	0.42	0.75	0.50	320,320,334	0.30	0.30	0.30	319,328,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11025	0.11	0.26	0.13	320,319,334	0.0	0.0	0.0	0,0,0
11026	0.09	0.20	0.10	320,319,334	0.0	0.0	0.0	0,0,0
11027	0.11	0.25	0.13	320,319,334	0.0	0.0	0.0	0,0,0
11028	0.20	0.40	0.23	320,320,334	0.0	0.0	0.0	0,0,0
11029	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11030	0.15	0.29	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11031	0.14	0.28	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11032	0.15	0.32	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11033	0.26	0.56	0.30	320,319,334	0.24	0.0	0.0	319,0,0
11034	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11035	0.15	0.31	0.18	320,320,334	0.0	0.0	0.0	0,0,0
11036	0.13	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
11037	0.13	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11038	0.09	0.19	0.10	320,319,334	0.0	0.0	0.0	0,0,0
11039	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11040	0.09	0.18	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11041	0.17	0.36	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11042	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11043	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11044	0.17	0.36	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11045	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11046	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11047	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11048	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11049	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11050	0.10	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11051	0.09	0.19	0.11	301,301,333	0.0	0.0	0.0	0,0,0
11052	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11053	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
11054	0.13	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11055	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11056	0.13	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11057	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11058	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11059	0.14	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11060	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11061	0.15	0.30	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11062	0.15	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11063	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11064	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11065	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11066	0.15	0.32	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11067	0.16	0.34	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11068	0.17	0.36	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11069	0.18	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11070	0.17	0.36	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11071	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11072	0.19	0.39	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11073	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11074	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11075	0.19	0.39	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11076	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11077	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11078	0.19	0.39	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11079	0.17	0.36	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11080	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11081	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11082	0.17	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0
11083	0.17	0.36	0.21	315,315,334	0.0	0.0	0.0	0,0,0
11084	0.17	0.36	0.21	315,315,334	0.0	0.0	0.0	0,0,0
11085	0.17	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0
11086	0.17	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0
11087	0.17	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0
11088	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11089	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11090	0.16	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0
11091	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11092	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11093	0.16	0.34	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11094	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11095	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11096	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11097	0.19	0.39	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11098	0.18	0.39	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11099	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11100	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11101	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11102	0.19	0.39	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11103	0.18	0.39	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11104	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11105	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11106	0.19	0.40	0.23	301,301,333	0.0	0.0	0.0	0,0,0
11107	0.18	0.39	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11108	0.18	0.39	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11109	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11110	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11111	0.18	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11112	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11113	0.17	0.36	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11114	0.17	0.36	0.21	315,315,334	0.0	0.0	0.0	0,0,0
11115	0.17	0.35	0.20	315,315,333	0.0	0.0	0.0	0,0,0
11116	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11117	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11118	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11119	0.16	0.34	0.20	315,315,334	0.0	0.0	0.0	0,0,0
11120	0.15	0.31	0.18	315,315,334	0.0	0.0	0.0	0,0,0
11121	0.13	0.27	0.16	315,315,334	0.0	0.0	0.0	0,0,0
11122	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11123	0.20	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0
11124	0.15	0.32	0.18	315,315,334	0.0	0.0	0.0	0,0,0
11125	0.13	0.27	0.16	315,315,334	0.0	0.0	0.0	0,0,0
11126	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
11127	0.25	0.55	0.31	319,319,334	0.23	0.0	0.0	319,0,0
11128	0.38	0.77	0.47	319,319,334	0.31	0.34	0.33	319,327,334
11129	0.14	0.30	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11130	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11131	0.12	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
11132	0.30	0.64	0.37	307,315,334	0.27	0.26	0.25	315,327,334
11133	0.76	0.79	0.93	315,315,334	0.32	0.32	0.31	320,327,334
11134	0.18	0.38	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11135	0.18	0.38	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11136	0.18	0.38	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11137	0.17	0.36	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11138	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11139	0.19	0.41	0.23	319,319,334	0.0	0.0	0.0	0,0,0
11140	0.35	0.75	0.43	319,319,334	0.32	0.33	0.32	319,327,334
11141	0.62	0.72	0.75	315,320,334	0.27	0.30	0.30	320,327,334
11142	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11143	0.17	0.36	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11144	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11145	0.18	0.38	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11146	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11147	0.17	0.36	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11148	0.18	0.38	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11149	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11150	0.17	0.36	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11151	0.17	0.36	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11152	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11153	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11154	0.15	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11155	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11156	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11157	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11158	0.12	0.25	0.14	301,302,333	0.0	0.0	0.0	0,0,0
11159	0.12	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11160	0.22	0.47	0.27	319,319,334	0.0	0.0	0.0	0,0,0
11161	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11162	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11163	0.25	0.55	0.31	307,307,334	0.23	0.0	0.0	307,0,0
11164	0.10	0.22	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11165	0.07	0.15	0.08	315,315,333	0.0	0.0	0.0	0,0,0
11166	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11167	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11168	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11169	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11170	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11171	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11172	0.11	0.23	0.13	315,315,333	0.0	0.0	0.0	0,0,0
11173	0.09	0.19	0.11	315,315,334	0.0	0.0	0.0	0,0,0
11174	0.13	0.29	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11175	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11176	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11177	0.14	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11178	0.17	0.36	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11179	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11180	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11181	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11182	0.18	0.38	0.22	301,301,333	0.0	0.0	0.0	0,0,0
11183	0.17	0.37	0.21	301,301,333	0.0	0.0	0.0	0,0,0
11184	0.04	0.08	0.05	308,308,334	0.0	0.0	0.0	0,0,0
11185	0.06	0.12	0.07	316,316,334	0.0	0.0	0.0	0,0,0
11186	0.04	0.08	0.05	308,308,334	0.0	0.0	0.0	0,0,0
11187	0.07	0.15	0.09	308,308,334	0.0	0.0	0.0	0,0,0
11188	0.09	0.19	0.11	302,316,333	0.0	0.0	0.0	0,0,0
11189	0.10	0.21	0.12	302,302,333	0.0	0.0	0.0	0,0,0
11190	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11191	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11192	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11193	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11194	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11195	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11196	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11197	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11198	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11199	0.16	0.33	0.19	310,310,334	0.0	0.0	0.0	0,0,0
11200	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11201	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11202	0.15	0.30	0.18	309,309,334	0.0	0.0	0.0	0,0,0
11203	0.15	0.32	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11204	0.15	0.32	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11205	0.14	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11206	0.13	0.28	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11207	0.14	0.27	0.17	309,309,334	0.0	0.0	0.0	0,0,0
11208	0.12	0.23	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11209	0.31	0.61	0.37	319,319,334	0.26	0.23	0.23	319,330,334
11210	0.16	0.34	0.19	319,320,334	0.0	0.0	0.0	0,0,0
11211	0.08	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11212	0.24	0.51	0.27	319,319,334	0.0	0.0	0.0	0,0,0
11213	0.15	0.32	0.18	319,320,334	0.0	0.0	0.0	0,0,0
11214	0.10	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11215	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11216	0.15	0.32	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11217	0.09	0.17	0.11	309,309,334	0.0	0.0	0.0	0,0,0
11218	0.17	0.35	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11219	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11220	0.17	0.33	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11221	0.16	0.31	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11222	0.13	0.27	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11223	0.76	0.77	0.88	319,319,334	0.29	0.30	0.29	319,330,334
11224	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11225	0.15	0.30	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11226	0.19	0.38	0.22	319,309,334	0.0	0.0	0.0	0,0,0
11227	0.18	0.37	0.22	309,309,334	0.0	0.0	0.0	0,0,0
11228	0.17	0.33	0.20	309,309,334	0.0	0.0	0.0	0,0,0
11229	0.16	0.31	0.19	309,309,334	0.0	0.0	0.0	0,0,0
11230	0.10	0.21	0.11	320,319,334	0.0	0.0	0.0	0,0,0
11231	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11232	0.20	0.38	0.24	319,319,334	0.0	0.0	0.0	0,0,0
11233	0.18	0.38	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11234	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11235	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11236	0.14	0.30	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11237	0.07	0.17	0.08	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11238	0.10	0.24	0.12	320,319,334	0.0	0.0	0.0	0,0,0
11239	0.14	0.29	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11240	0.17	0.35	0.20	308,308,334	0.0	0.0	0.0	0,0,0
11241	0.14	0.30	0.17	308,308,334	0.0	0.0	0.0	0,0,0
11242	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
11243	0.09	0.18	0.11	308,308,334	0.0	0.0	0.0	0,0,0
11244	0.07	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
11245	0.09	0.18	0.11	308,308,334	0.0	0.0	0.0	0,0,0
11246	0.05	0.09	0.06	302,301,333	0.0	0.0	0.0	0,0,0
11247	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
11248	0.05	0.11	0.06	301,301,333	0.0	0.0	0.0	0,0,0
11249	0.05	0.11	0.06	301,301,333	0.0	0.0	0.0	0,0,0
11250	0.05	0.09	0.05	301,302,333	0.0	0.0	0.0	0,0,0
11251	0.05	0.10	0.06	301,301,333	0.0	0.0	0.0	0,0,0
11252	0.06	0.13	0.07	301,301,333	0.0	0.0	0.0	0,0,0
11253	0.07	0.15	0.08	301,301,333	0.0	0.0	0.0	0,0,0
11254	0.09	0.21	0.10	320,319,334	0.0	0.0	0.0	0,0,0
11255	0.11	0.25	0.12	320,319,334	0.0	0.0	0.0	0,0,0
11256	0.63	0.78	0.74	319,319,334	0.31	0.32	0.31	319,328,334
11257	0.32	0.69	0.37	319,319,334	0.30	0.26	0.26	319,328,334
11258	0.41	0.74	0.49	319,319,334	0.31	0.29	0.29	319,328,334
11259	0.30	0.64	0.36	319,319,334	0.27	0.25	0.24	319,328,334
11260	0.64	0.79	0.76	319,319,334	0.32	0.33	0.33	319,328,334
11261	0.42	0.77	0.50	319,319,334	0.32	0.31	0.31	319,328,334
11262	0.39	0.78	0.45	319,319,334	0.31	0.32	0.31	319,328,334
11263	0.33	0.72	0.39	319,319,334	0.31	0.29	0.29	319,328,334
11264	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11265	0.29	0.64	0.33	319,319,334	0.27	0.24	0.24	319,328,334
11266	0.13	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11267	0.23	0.53	0.28	319,319,334	0.0	0.0	0.0	0,0,0
11268	0.13	0.28	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11269	0.19	0.38	0.22	319,309,334	0.0	0.0	0.0	0,0,0
11270	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11271	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11272	0.11	0.19	0.13	319,320,334	0.0	0.0	0.0	0,0,0
11273	0.19	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
11274	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11275	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11276	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11277	0.20	0.40	0.23	309,309,334	0.0	0.0	0.0	0,0,0
11278	0.12	0.26	0.13	320,319,334	0.0	0.0	0.0	0,0,0
11279	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11280	0.09	0.21	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11281	0.13	0.29	0.16	319,320,334	0.0	0.0	0.0	0,0,0
11282	0.13	0.27	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11283	0.23	0.52	0.27	320,320,334	0.0	0.0	0.0	0,0,0
11284	0.16	0.38	0.20	320,320,334	0.0	0.0	0.0	0,0,0
11285	0.18	0.42	0.22	320,320,334	0.0	0.0	0.0	0,0,0
11286	0.13	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11287	0.38	0.78	0.45	320,320,334	0.32	0.33	0.32	320,328,334
11288	0.29	0.65	0.35	320,320,334	0.28	0.26	0.25	320,328,334
11289	0.60	0.79	0.71	320,320,334	0.30	0.33	0.32	320,323,333
11290	0.20	0.42	0.23	319,319,334	0.0	0.0	0.0	0,0,0
11291	0.07	0.14	0.08	320,320,334	0.0	0.0	0.0	0,0,0
11292	0.25	0.50	0.30	309,309,334	0.0	0.0	0.0	0,0,0
11293	0.29	0.62	0.37	316,316,334	0.26	0.26	0.25	316,327,334
11294	0.10	0.19	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11295	0.22	0.45	0.26	309,309,334	0.0	0.0	0.0	0,0,0
11296	0.16	0.33	0.19	319,320,334	0.0	0.0	0.0	0,0,0
11297	0.36	0.75	0.42	320,320,334	0.32	0.31	0.30	320,328,334
11298	0.08	0.18	0.09	320,319,334	0.0	0.0	0.0	0,0,0
11299	0.17	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11300	0.20	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
11301	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11302	0.27	0.54	0.31	310,310,334	0.23	0.0	0.0	310,0,0
11303	0.14	0.30	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11304	0.13	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11305	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11306	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11307	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11308	0.42	0.77	0.49	320,320,334	0.30	0.32	0.31	320,328,334

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11309	0.63	0.79	0.75	320,316,334	0.32	0.34	0.33	316,327,334
11310	0.11	0.18	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11311	0.25	0.49	0.28	319,319,334	0.0	0.0	0.0	0,0,0
11312	0.32	0.68	0.39	320,320,334	0.29	0.27	0.26	320,328,334
11313	0.09	0.18	0.11	309,309,334	0.0	0.0	0.0	0,0,0
11314	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11315	0.35	0.76	0.41	320,320,334	0.33	0.31	0.30	320,328,334
11316	0.21	0.44	0.25	320,320,334	0.0	0.0	0.0	0,0,0
11317	0.28	0.60	0.33	320,320,334	0.26	0.23	0.23	320,328,334
11318	0.17	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
11319	0.22	0.46	0.27	320,320,334	0.0	0.0	0.0	0,0,0
11320	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11321	0.51	0.74	0.59	319,320,334	0.32	0.30	0.29	320,328,334
11322	0.13	0.26	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11323	0.12	0.25	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11324	0.18	0.40	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11325	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11326	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11327	0.14	0.30	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11328	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11329	0.12	0.25	0.14	301,301,333	0.0	0.0	0.0	0,0,0
11330	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11331	0.09	0.16	0.10	301,301,333	0.0	0.0	0.0	0,0,0
11332	0.09	0.17	0.11	301,301,333	0.0	0.0	0.0	0,0,0
11333	0.10	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11334	0.11	0.22	0.13	301,301,333	0.0	0.0	0.0	0,0,0
11335	0.10	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11336	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11337	0.06	0.11	0.08	301,301,333	0.0	0.0	0.0	0,0,0
11338	0.07	0.13	0.08	301,301,333	0.0	0.0	0.0	0,0,0
11339	0.08	0.16	0.09	301,301,333	0.0	0.0	0.0	0,0,0
11340	0.09	0.18	0.11	301,301,333	0.0	0.0	0.0	0,0,0
11341	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11342	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11343	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11344	0.15	0.26	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11345	0.12	0.26	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11346	0.24	0.44	0.27	319,319,334	0.0	0.0	0.0	0,0,0
11347	0.17	0.31	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11348	0.29	0.54	0.34	319,319,334	0.23	0.0	0.0	319,0,0
11349	0.17	0.35	0.19	319,320,334	0.0	0.0	0.0	0,0,0
11350	0.06	0.13	0.07	319,315,334	0.0	0.0	0.0	0,0,0
11351	0.18	0.33	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11352	0.24	0.48	0.28	319,319,334	0.0	0.0	0.0	0,0,0
11353	0.20	0.40	0.23	319,319,334	0.0	0.0	0.0	0,0,0
11354	0.19	0.41	0.22	320,319,334	0.0	0.0	0.0	0,0,0
11355	0.17	0.35	0.18	320,320,334	0.0	0.0	0.0	0,0,0
11356	0.20	0.42	0.23	320,319,334	0.0	0.0	0.0	0,0,0
11357	0.28	0.60	0.32	320,319,334	0.26	0.23	0.23	319,328,334
11358	0.25	0.50	0.29	309,309,334	0.0	0.0	0.0	0,0,0
11359	0.48	0.64	0.56	315,319,333	0.27	0.24	0.24	319,328,334
11360	0.19	0.41	0.22	320,319,334	0.0	0.0	0.0	0,0,0
11361	0.17	0.36	0.19	320,319,334	0.0	0.0	0.0	0,0,0
11362	0.10	0.21	0.11	320,319,334	0.0	0.0	0.0	0,0,0
11363	0.07	0.16	0.08	319,319,334	0.0	0.0	0.0	0,0,0
11364	0.16	0.34	0.18	320,320,334	0.0	0.0	0.0	0,0,0
11365	0.15	0.33	0.17	319,320,334	0.0	0.0	0.0	0,0,0
11366	0.08	0.17	0.09	320,319,334	0.0	0.0	0.0	0,0,0
11367	0.16	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
11368	0.30	0.63	0.35	320,319,334	0.27	0.24	0.24	319,328,334
11369	0.60	0.76	0.73	315,315,334	0.28	0.28	0.27	315,327,334
11370	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11371	0.25	0.53	0.29	320,319,334	0.23	0.0	0.0	319,0,0
11372	0.12	0.26	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11373	0.25	0.54	0.29	320,319,334	0.23	0.0	0.0	319,0,0
11374	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11375	0.10	0.23	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11376	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
11377	0.04	0.08	0.04	308,319,334	0.0	0.0	0.0	0,0,0
11378	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11379	0.11	0.23	0.12	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11380	0.08	0.18	0.09	319,319,334	0.0	0.0	0.0	0,0,0
11381	0.04	0.10	0.05	319,319,334	0.0	0.0	0.0	0,0,0
11382	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11383	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11384	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11385	0.08	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11386	0.11	0.23	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11387	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11388	0.06	0.13	0.07	320,319,334	0.0	0.0	0.0	0,0,0
11389	0.05	0.11	0.06	320,319,334	0.0	0.0	0.0	0,0,0
11390	0.18	0.39	0.22	319,319,334	0.0	0.0	0.0	0,0,0
11391	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11392	0.05	0.12	0.07	319,319,334	0.0	0.0	0.0	0,0,0
11393	0.17	0.38	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11394	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11395	0.06	0.14	0.07	319,319,334	0.0	0.0	0.0	0,0,0
11396	0.22	0.47	0.26	320,319,334	0.0	0.0	0.0	0,0,0
11397	0.18	0.40	0.22	320,319,334	0.0	0.0	0.0	0,0,0
11398	0.17	0.36	0.22	302,302,333	0.0	0.0	0.0	0,0,0
11399	0.41	0.71	0.49	319,319,334	0.27	0.29	0.27	319,328,334
11400	0.22	0.42	0.26	319,319,334	0.0	0.0	0.0	0,0,0
11401	0.35	0.68	0.41	319,319,334	0.28	0.27	0.26	319,328,334
11402	0.57	0.72	0.68	319,319,334	0.28	0.27	0.26	319,328,334
11403	0.15	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11404	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11405	0.08	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11406	0.07	0.15	0.09	308,307,334	0.0	0.0	0.0	0,0,0
11407	0.16	0.34	0.20	320,319,334	0.0	0.0	0.0	0,0,0
11408	0.22	0.48	0.27	320,319,334	0.0	0.0	0.0	0,0,0
11409	0.12	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11410	0.08	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11411	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11412	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11413	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11414	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11415	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11416	0.16	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11417	0.16	0.34	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11418	0.16	0.34	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11419	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11420	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11421	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11422	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11423	0.16	0.34	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11424	0.16	0.34	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11425	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11426	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11427	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11428	0.17	0.35	0.20	301,301,333	0.0	0.0	0.0	0,0,0
11429	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11430	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11431	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11432	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11433	0.15	0.32	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11434	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11435	0.13	0.27	0.16	302,302,333	0.0	0.0	0.0	0,0,0
11436	0.13	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
11437	0.14	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
11438	0.14	0.28	0.16	301,302,333	0.0	0.0	0.0	0,0,0
11439	0.15	0.31	0.18	315,315,334	0.0	0.0	0.0	0,0,0
11440	0.16	0.33	0.19	315,315,334	0.0	0.0	0.0	0,0,0
11441	0.11	0.23	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11442	0.11	0.22	0.13	302,302,333	0.0	0.0	0.0	0,0,0
11443	0.11	0.24	0.14	302,302,333	0.0	0.0	0.0	0,0,0
11444	0.13	0.27	0.15	315,315,334	0.0	0.0	0.0	0,0,0
11445	0.15	0.33	0.19	315,315,334	0.0	0.0	0.0	0,0,0
11446	0.16	0.35	0.20	315,315,334	0.0	0.0	0.0	0,0,0
11447	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11448	0.08	0.17	0.09	316,316,333	0.0	0.0	0.0	0,0,0
11449	0.10	0.22	0.12	315,316,334	0.0	0.0	0.0	0,0,0
11450	0.13	0.28	0.16	315,315,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11451	0.16	0.34	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11452	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11453	0.13	0.27	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11454	0.06	0.14	0.08	315,315,334	0.0	0.0	0.0	0,0,0
11455	0.10	0.22	0.13	315,315,334	0.0	0.0	0.0	0,0,0
11456	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11457	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11458	0.17	0.36	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11459	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11460	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11461	0.16	0.34	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11462	0.15	0.31	0.18	301,302,333	0.0	0.0	0.0	0,0,0
11463	0.13	0.26	0.15	302,319,333	0.0	0.0	0.0	0,0,0
11464	0.16	0.35	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11465	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
11466	0.21	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
11467	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11468	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11469	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11470	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11471	0.15	0.32	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11472	0.16	0.33	0.19	301,301,333	0.0	0.0	0.0	0,0,0
11473	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11474	0.15	0.31	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11475	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11476	0.16	0.35	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11477	0.27	0.58	0.32	319,319,334	0.25	0.23	0.22	319,327,334
11478	0.23	0.49	0.27	319,319,334	0.0	0.0	0.0	0,0,0
11479	0.42	0.76	0.51	319,319,334	0.30	0.32	0.31	319,327,334
11480	0.34	0.72	0.41	319,319,334	0.30	0.30	0.29	319,327,334
11481	0.68	0.79	0.81	315,319,334	0.32	0.34	0.33	319,327,334
11482	0.39	0.78	0.47	319,319,334	0.32	0.34	0.33	319,327,334
11483	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11484	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11485	0.11	0.20	0.13	301,301,333	0.0	0.0	0.0	0,0,0
11486	0.11	0.21	0.13	301,301,333	0.0	0.0	0.0	0,0,0
11487	0.11	0.23	0.14	301,301,333	0.0	0.0	0.0	0,0,0
11488	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11489	0.13	0.25	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11490	0.13	0.25	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11491	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11492	0.14	0.29	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11493	0.14	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11494	0.14	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11495	0.14	0.28	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11496	0.15	0.30	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11497	0.14	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11498	0.14	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11499	0.14	0.28	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11500	0.15	0.30	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11501	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11502	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11503	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11504	0.14	0.28	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11505	0.12	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11506	0.13	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11507	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11508	0.18	0.39	0.22	319,319,334	0.0	0.0	0.0	0,0,0
11509	0.11	0.23	0.13	319,315,333	0.0	0.0	0.0	0,0,0
11510	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11511	0.24	0.52	0.29	319,319,334	0.0	0.0	0.0	0,0,0
11512	0.27	0.59	0.33	319,319,334	0.25	0.23	0.23	319,327,334
11513	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11514	0.21	0.45	0.25	319,319,334	0.0	0.0	0.0	0,0,0
11515	0.36	0.74	0.43	319,319,334	0.30	0.31	0.30	319,327,334
11516	0.43	0.76	0.52	319,319,334	0.30	0.32	0.31	319,327,334
11517	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11518	0.21	0.45	0.25	319,319,334	0.0	0.0	0.0	0,0,0
11519	0.38	0.77	0.46	319,319,334	0.32	0.32	0.32	319,327,334
11520	0.71	0.79	0.86	315,319,334	0.31	0.33	0.32	319,327,334
11521	0.06	0.12	0.07	308,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11522	0.13	0.29	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11523	0.18	0.40	0.22	320,319,334	0.0	0.0	0.0	0,0,0
11524	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11525	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11526	0.15	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11527	0.16	0.35	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11528	0.16	0.35	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11529	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11530	0.15	0.31	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11531	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11532	0.10	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11533	0.13	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11534	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11535	0.16	0.35	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11536	0.13	0.28	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11537	0.09	0.20	0.10	320,319,334	0.0	0.0	0.0	0,0,0
11538	0.10	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11539	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11540	0.15	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11541	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11542	0.20	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0
11543	0.17	0.37	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11544	0.28	0.61	0.34	320,319,334	0.26	0.24	0.24	319,328,334
11545	0.26	0.56	0.32	319,319,334	0.24	0.0	0.0	319,0,0
11546	0.21	0.46	0.25	320,319,334	0.0	0.0	0.0	0,0,0
11547	0.21	0.45	0.25	319,319,334	0.0	0.0	0.0	0,0,0
11548	0.06	0.13	0.07	320,307,334	0.0	0.0	0.0	0,0,0
11549	0.13	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11550	0.22	0.47	0.26	320,319,334	0.0	0.0	0.0	0,0,0
11551	0.29	0.61	0.34	320,320,334	0.26	0.24	0.24	320,328,334
11552	0.08	0.15	0.08	320,320,334	0.0	0.0	0.0	0,0,0
11553	0.10	0.22	0.12	308,307,334	0.0	0.0	0.0	0,0,0
11554	0.17	0.36	0.20	320,319,334	0.0	0.0	0.0	0,0,0
11555	0.21	0.46	0.26	320,319,334	0.0	0.0	0.0	0,0,0
11556	0.11	0.24	0.13	320,319,334	0.0	0.0	0.0	0,0,0
11557	0.09	0.19	0.10	320,320,334	0.0	0.0	0.0	0,0,0
11558	0.12	0.24	0.13	320,320,334	0.0	0.0	0.0	0,0,0
11559	0.10	0.20	0.11	320,320,334	0.0	0.0	0.0	0,0,0
11560	0.13	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11561	0.13	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11562	0.14	0.31	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11563	0.14	0.30	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11564	0.15	0.33	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11565	0.15	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11566	0.15	0.33	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11567	0.15	0.33	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11568	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11569	0.15	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11570	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11571	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11572	0.12	0.29	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11573	0.14	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11574	0.13	0.27	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11575	0.22	0.47	0.26	319,319,334	0.0	0.0	0.0	0,0,0
11576	0.10	0.24	0.12	320,319,334	0.0	0.0	0.0	0,0,0
11577	0.11	0.26	0.13	320,319,334	0.0	0.0	0.0	0,0,0
11578	0.16	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11579	0.16	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11580	0.16	0.31	0.18	320,320,334	0.0	0.0	0.0	0,0,0
11581	0.12	0.28	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11582	0.12	0.28	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11583	0.12	0.28	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11584	0.32	0.68	0.37	319,319,334	0.29	0.26	0.26	319,328,334
11585	0.25	0.53	0.30	319,319,334	0.23	0.0	0.0	319,0,0
11586	0.20	0.43	0.24	319,319,334	0.0	0.0	0.0	0,0,0
11587	0.18	0.37	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11588	0.31	0.66	0.37	319,319,334	0.28	0.26	0.25	319,328,334
11589	0.20	0.42	0.24	319,319,334	0.0	0.0	0.0	0,0,0
11590	0.24	0.52	0.29	319,319,334	0.0	0.0	0.0	0,0,0
11591	0.16	0.33	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11592	0.09	0.21	0.11	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11593	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11594	0.06	0.13	0.07	319,320,333	0.0	0.0	0.0	0,0,0
11595	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11596	0.13	0.26	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11597	0.12	0.26	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11598	0.11	0.22	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11599	0.08	0.16	0.09	319,319,334	0.0	0.0	0.0	0,0,0
11600	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11601	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11602	0.11	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11603	0.08	0.16	0.09	319,319,334	0.0	0.0	0.0	0,0,0
11604	0.13	0.26	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11605	0.13	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11606	0.12	0.28	0.15	310,308,334	0.0	0.0	0.0	0,0,0
11607	0.11	0.22	0.12	319,308,334	0.0	0.0	0.0	0,0,0
11608	0.09	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11609	0.11	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11610	0.16	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
11611	0.08	0.19	0.10	308,308,334	0.0	0.0	0.0	0,0,0
11612	0.18	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11613	0.10	0.21	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11614	0.18	0.35	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11615	0.18	0.37	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11616	0.10	0.18	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11617	0.10	0.21	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11618	0.11	0.21	0.14	310,310,334	0.0	0.0	0.0	0,0,0
11619	0.14	0.27	0.17	310,310,334	0.0	0.0	0.0	0,0,0
11620	0.08	0.19	0.09	319,319,334	0.0	0.0	0.0	0,0,0
11621	0.08	0.17	0.10	308,319,334	0.0	0.0	0.0	0,0,0
11622	0.10	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11623	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11624	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11625	0.10	0.20	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11626	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11627	0.10	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11628	0.11	0.23	0.13	319,320,334	0.0	0.0	0.0	0,0,0
11629	0.11	0.20	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11630	0.10	0.18	0.11	320,320,334	0.0	0.0	0.0	0,0,0
11631	0.11	0.18	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11632	0.10	0.17	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11633	0.17	0.31	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11634	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11635	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11636	0.22	0.43	0.27	309,309,334	0.0	0.0	0.0	0,0,0
11637	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11638	0.16	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11639	0.14	0.28	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11640	0.19	0.38	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11641	0.18	0.38	0.20	320,320,334	0.0	0.0	0.0	0,0,0
11642	0.41	0.68	0.48	319,319,334	0.25	0.25	0.25	319,328,334
11643	0.36	0.66	0.41	319,319,334	0.27	0.24	0.24	319,328,334
11644	0.15	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11645	0.10	0.22	0.12	320,319,334	0.0	0.0	0.0	0,0,0
11646	0.23	0.48	0.26	320,319,334	0.0	0.0	0.0	0,0,0
11647	0.19	0.40	0.22	320,319,334	0.0	0.0	0.0	0,0,0
11648	0.23	0.48	0.26	320,319,334	0.0	0.0	0.0	0,0,0
11649	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11650	0.14	0.24	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11651	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11652	0.11	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11653	0.10	0.22	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11654	0.06	0.13	0.06	319,319,334	0.0	0.0	0.0	0,0,0
11655	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11656	0.13	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11657	0.08	0.18	0.09	320,319,334	0.0	0.0	0.0	0,0,0
11658	0.26	0.55	0.29	320,320,334	0.23	0.0	0.0	320,0,0
11659	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11660	0.11	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11661	0.12	0.27	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11662	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11663	0.08	0.18	0.09	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11664	0.10	0.23	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11665	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11666	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11667	0.12	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11668	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11669	0.14	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11670	0.15	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11671	0.15	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11672	0.05	0.10	0.05	320,319,334	0.0	0.0	0.0	0,0,0
11673	0.04	0.10	0.05	320,319,334	0.0	0.0	0.0	0,0,0
11674	0.04	0.10	0.05	320,319,334	0.0	0.0	0.0	0,0,0
11675	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
11676	0.14	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11677	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
11678	0.29	0.63	0.33	319,319,334	0.27	0.24	0.23	319,328,334
11679	0.18	0.40	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11680	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11681	0.39	0.75	0.46	319,319,334	0.32	0.31	0.30	319,328,334
11682	0.20	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
11683	0.10	0.23	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11684	0.20	0.44	0.24	319,319,334	0.0	0.0	0.0	0,0,0
11685	0.32	0.68	0.37	319,319,334	0.29	0.26	0.25	319,328,334
11686	0.54	0.78	0.66	319,319,334	0.30	0.30	0.30	319,327,334
11687	0.12	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11688	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
11689	0.04	0.10	0.05	308,307,334	0.0	0.0	0.0	0,0,0
11690	0.12	0.26	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11691	0.18	0.39	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11692	0.13	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11693	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11694	0.05	0.10	0.05	319,319,334	0.0	0.0	0.0	0,0,0
11695	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11696	0.22	0.49	0.26	319,319,334	0.0	0.0	0.0	0,0,0
11697	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11698	0.10	0.21	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11699	0.06	0.12	0.06	319,319,334	0.0	0.0	0.0	0,0,0
11700	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11701	0.22	0.48	0.26	319,319,334	0.0	0.0	0.0	0,0,0
11702	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11703	0.16	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11704	0.15	0.32	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11705	0.16	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11706	0.16	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11707	0.15	0.32	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11708	0.15	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11709	0.15	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11710	0.15	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11711	0.12	0.26	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11712	0.10	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
11713	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11714	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11715	0.14	0.31	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11716	0.15	0.33	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11717	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11718	0.10	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
11719	0.09	0.19	0.10	320,319,334	0.0	0.0	0.0	0,0,0
11720	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11721	0.14	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11722	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11723	0.14	0.30	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11724	0.10	0.21	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11725	0.08	0.17	0.08	320,320,334	0.0	0.0	0.0	0,0,0
11726	0.08	0.18	0.10	320,319,334	0.0	0.0	0.0	0,0,0
11727	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11728	0.15	0.32	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11729	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11730	0.14	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11731	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11732	0.17	0.37	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11733	0.17	0.37	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11734	0.15	0.31	0.17	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11735	0.15	0.31	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11736	0.14	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11737	0.15	0.32	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11738	0.09	0.18	0.10	320,320,334	0.0	0.0	0.0	0,0,0
11739	0.09	0.17	0.09	320,320,334	0.0	0.0	0.0	0,0,0
11740	0.13	0.28	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11741	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11742	0.10	0.19	0.10	320,320,334	0.0	0.0	0.0	0,0,0
11743	0.10	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
11744	0.10	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11745	0.13	0.29	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11746	0.10	0.19	0.10	320,320,334	0.0	0.0	0.0	0,0,0
11747	0.09	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
11748	0.10	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
11749	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11750	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
11751	0.10	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
11752	0.12	0.25	0.14	320,320,334	0.0	0.0	0.0	0,0,0
11753	0.11	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11754	0.13	0.26	0.14	320,320,334	0.0	0.0	0.0	0,0,0
11755	0.11	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11756	0.13	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11757	0.13	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11758	0.14	0.28	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11759	0.14	0.29	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11760	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11761	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11762	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11763	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11764	0.15	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11765	0.14	0.30	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11766	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11767	0.13	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11768	0.14	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11769	0.14	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11770	0.15	0.29	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11771	0.13	0.30	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11772	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11773	0.14	0.31	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11774	0.13	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
11775	0.15	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11776	0.14	0.28	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11777	0.15	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11778	0.15	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
11779	0.14	0.31	0.15	320,320,334	0.0	0.0	0.0	0,0,0
11780	0.17	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11781	0.16	0.36	0.18	320,320,334	0.0	0.0	0.0	0,0,0
11782	0.15	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11783	0.18	0.39	0.20	320,320,334	0.0	0.0	0.0	0,0,0
11784	0.17	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11785	0.16	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11786	0.15	0.33	0.18	319,320,334	0.0	0.0	0.0	0,0,0
11787	0.15	0.33	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11788	0.17	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11789	0.17	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
11790	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11791	0.19	0.40	0.21	320,320,334	0.0	0.0	0.0	0,0,0
11792	0.15	0.31	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11793	0.17	0.36	0.18	320,320,334	0.0	0.0	0.0	0,0,0
11794	0.18	0.39	0.20	319,320,334	0.0	0.0	0.0	0,0,0
11795	0.12	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
11796	0.15	0.34	0.17	319,320,334	0.0	0.0	0.0	0,0,0
11797	0.17	0.38	0.19	319,320,334	0.0	0.0	0.0	0,0,0
11798	0.10	0.22	0.10	319,320,334	0.0	0.0	0.0	0,0,0
11799	0.11	0.25	0.12	320,320,334	0.0	0.0	0.0	0,0,0
11800	0.13	0.29	0.14	319,320,334	0.0	0.0	0.0	0,0,0
11801	0.14	0.32	0.16	319,320,334	0.0	0.0	0.0	0,0,0
11802	0.15	0.33	0.16	319,320,334	0.0	0.0	0.0	0,0,0
11803	0.16	0.36	0.18	319,320,334	0.0	0.0	0.0	0,0,0
11804	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11805	0.12	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11806	0.10	0.20	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11807	0.09	0.20	0.09	319,320,334	0.0	0.0	0.0	0,0,0
11808	0.13	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11809	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11810	0.11	0.26	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11811	0.12	0.27	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11812	0.14	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11813	0.14	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11814	0.14	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11815	0.14	0.31	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11816	0.12	0.25	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11817	0.13	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11818	0.15	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11819	0.11	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11820	0.12	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11821	0.13	0.29	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11822	0.13	0.28	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11823	0.16	0.35	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11824	0.15	0.33	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11825	0.10	0.22	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11826	0.14	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11827	0.17	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11828	0.11	0.23	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11829	0.15	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11830	0.18	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11831	0.11	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11832	0.11	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11833	0.15	0.33	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11834	0.15	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11835	0.18	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11836	0.18	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11837	0.11	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11838	0.11	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11839	0.15	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11840	0.15	0.33	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11841	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11842	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
11843	0.11	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11844	0.15	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
11845	0.18	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11846	0.10	0.21	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11847	0.14	0.28	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11848	0.17	0.34	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11849	0.11	0.19	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11850	0.16	0.29	0.17	319,319,334	0.0	0.0	0.0	0,0,0
11851	0.19	0.38	0.21	319,319,334	0.0	0.0	0.0	0,0,0
11852	0.13	0.23	0.14	319,319,334	0.0	0.0	0.0	0,0,0
11853	0.17	0.30	0.18	319,319,334	0.0	0.0	0.0	0,0,0
11854	0.20	0.38	0.22	319,319,334	0.0	0.0	0.0	0,0,0
11855	0.14	0.24	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11856	0.25	0.49	0.28	319,319,334	0.0	0.0	0.0	0,0,0
11857	0.65	0.72	0.73	319,319,334	0.26	0.23	0.23	319,328,334
11858	0.28	0.56	0.33	319,319,334	0.24	0.22	0.0	319,328,0
11859	0.17	0.31	0.19	319,319,334	0.0	0.0	0.0	0,0,0
11860	0.20	0.38	0.23	319,319,334	0.0	0.0	0.0	0,0,0
11861	0.10	0.21	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11862	0.14	0.24	0.15	319,319,334	0.0	0.0	0.0	0,0,0
11863	0.23	0.45	0.26	319,319,334	0.0	0.0	0.0	0,0,0
11864	0.32	0.69	0.37	320,320,334	0.29	0.26	0.25	320,328,334
11865	0.66	0.74	0.77	320,320,334	0.27	0.25	0.24	320,328,334
11866	0.25	0.49	0.28	319,319,334	0.0	0.0	0.0	0,0,0
11867	0.17	0.37	0.19	319,320,334	0.0	0.0	0.0	0,0,0
11868	0.66	0.79	0.76	319,319,334	0.30	0.28	0.27	319,328,334
11869	0.19	0.41	0.22	319,319,334	0.0	0.0	0.0	0,0,0
11870	0.17	0.33	0.20	320,320,334	0.0	0.0	0.0	0,0,0
11871	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11872	0.16	0.34	0.18	320,320,334	0.0	0.0	0.0	0,0,0
11873	0.21	0.46	0.25	320,320,334	0.0	0.0	0.0	0,0,0
11874	0.23	0.49	0.27	320,320,334	0.0	0.0	0.0	0,0,0
11875	0.49	0.71	0.59	301,315,333	0.27	0.29	0.28	315,323,333
11876	0.24	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11877	0.16	0.35	0.20	320,320,334	0.0	0.0	0.0	0,0,0
11878	0.44	0.71	0.54	316,315,334	0.28	0.29	0.28	315,323,333
11879	0.15	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
11880	0.26	0.55	0.30	320,320,334	0.24	0.0	0.0	320,0,0
11881	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11882	0.10	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11883	0.07	0.16	0.09	319,319,334	0.0	0.0	0.0	0,0,0
11884	0.05	0.11	0.05	320,320,334	0.0	0.0	0.0	0,0,0
11885	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11886	0.10	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11887	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
11888	0.04	0.09	0.05	320,320,334	0.0	0.0	0.0	0,0,0
11889	0.10	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
11890	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11891	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11892	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
11893	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11894	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11895	0.08	0.16	0.09	319,315,334	0.0	0.0	0.0	0,0,0
11896	0.11	0.50	0.13	302,302,333	0.0	0.0	0.0	0,0,0
11897	0.09	0.46	0.11	302,302,333	0.0	0.0	0.0	0,0,0
11898	0.10	0.48	0.12	302,302,333	0.0	0.0	0.0	0,0,0
11899	0.09	0.40	0.11	301,302,333	0.0	0.0	0.0	0,0,0
11900	0.09	0.43	0.10	301,302,333	0.0	0.0	0.0	0,0,0
11901	0.09	0.36	0.10	301,302,333	0.0	0.0	0.0	0,0,0
11902	0.09	0.28	0.10	301,302,333	0.0	0.0	0.0	0,0,0
11903	0.08	0.20	0.10	301,302,333	0.0	0.0	0.0	0,0,0
11904	0.08	0.16	0.09	301,302,333	0.0	0.0	0.0	0,0,0
11905	0.08	0.09	0.09	301,302,333	0.0	0.0	0.0	0,0,0
11906	0.07	0.05	0.08	301,301,333	0.0	0.0	0.0	0,0,0
11907	0.06	0.04	0.07	301,316,333	0.0	0.0	0.0	0,0,0
11908	0.13	0.28	0.15	315,315,333	0.0	0.0	0.0	0,0,0
11909	0.12	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11910	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11911	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11912	0.11	0.19	0.13	315,301,334	0.0	0.0	0.0	0,0,0
11913	0.09	0.17	0.11	301,301,333	0.0	0.0	0.0	0,0,0
11914	0.06	0.04	0.08	316,316,334	0.0	0.0	0.0	0,0,0
11915	0.08	0.26	0.09	301,305,333	0.0	0.0	0.0	0,0,0
11916	0.10	0.18	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11917	0.11	0.20	0.13	301,301,333	0.0	0.0	0.0	0,0,0
11918	0.12	0.23	0.14	301,301,333	0.0	0.0	0.0	0,0,0
11919	0.12	0.25	0.15	301,315,333	0.0	0.0	0.0	0,0,0
11920	0.12	0.27	0.15	315,315,334	0.0	0.0	0.0	0,0,0
11921	0.12	0.28	0.15	315,315,334	0.0	0.0	0.0	0,0,0
11922	0.13	0.30	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11923	0.14	0.31	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11924	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11925	0.09	0.16	0.11	301,301,333	0.0	0.0	0.0	0,0,0
11926	0.08	0.13	0.09	301,301,333	0.0	0.0	0.0	0,0,0
11927	0.10	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11928	0.08	0.15	0.10	301,301,333	0.0	0.0	0.0	0,0,0
11929	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
11930	0.10	0.21	0.12	315,315,333	0.0	0.0	0.0	0,0,0
11931	0.07	0.18	0.09	315,315,333	0.0	0.0	0.0	0,0,0
11932	0.09	0.21	0.11	315,315,334	0.0	0.0	0.0	0,0,0
11933	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
11934	0.14	0.33	0.16	308,308,334	0.0	0.0	0.0	0,0,0
11935	0.08	0.20	0.09	308,308,334	0.0	0.0	0.0	0,0,0
11936	0.27	0.63	0.32	302,302,333	0.27	0.25	0.25	302,323,333
11937	0.33	0.76	0.39	302,302,333	0.32	0.33	0.31	302,323,333
11938	0.26	0.64	0.31	302,302,333	0.28	0.26	0.25	302,323,333
11939	0.38	0.77	0.45	302,302,333	0.30	0.33	0.32	302,323,333
11940	0.11	0.30	0.13	301,301,333	0.0	0.0	0.0	0,0,0
11941	0.09	0.26	0.11	301,301,333	0.0	0.0	0.0	0,0,0
11942	0.06	0.20	0.07	308,308,334	0.0	0.0	0.0	0,0,0
11943	0.12	0.34	0.15	308,302,334	0.0	0.0	0.0	0,0,0
11944	0.12	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11945	0.13	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11946	0.13	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0
11947	0.13	0.34	0.15	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
11948	0.14	0.35	0.16	301,301,333	0.0	0.0	0.0	0,0,0
11949	0.15	0.35	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11950	0.14	0.35	0.17	301,301,333	0.0	0.0	0.0	0,0,0
11951	0.15	0.33	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11952	0.15	0.35	0.18	301,301,333	0.0	0.0	0.0	0,0,0
11953	0.15	0.32	0.18	302,302,333	0.0	0.0	0.0	0,0,0
11954	0.14	0.28	0.17	302,301,333	0.0	0.0	0.0	0,0,0
11955	0.10	0.18	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11956	0.11	0.21	0.13	301,301,333	0.0	0.0	0.0	0,0,0
11957	0.11	0.24	0.14	301,315,333	0.0	0.0	0.0	0,0,0
11958	0.12	0.26	0.14	315,315,334	0.0	0.0	0.0	0,0,0
11959	0.12	0.28	0.15	316,319,334	0.0	0.0	0.0	0,0,0
11960	0.13	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11961	0.14	0.33	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11962	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11963	0.10	0.20	0.12	301,301,333	0.0	0.0	0.0	0,0,0
11964	0.09	0.17	0.11	301,301,333	0.0	0.0	0.0	0,0,0
11965	0.10	0.21	0.12	301,316,333	0.0	0.0	0.0	0,0,0
11966	0.10	0.18	0.11	301,301,333	0.0	0.0	0.0	0,0,0
11967	0.10	0.22	0.12	315,316,334	0.0	0.0	0.0	0,0,0
11968	0.10	0.21	0.12	301,315,333	0.0	0.0	0.0	0,0,0
11969	0.11	0.24	0.13	315,319,334	0.0	0.0	0.0	0,0,0
11970	0.11	0.25	0.13	316,315,334	0.0	0.0	0.0	0,0,0
11971	0.12	0.28	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11972	0.12	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11973	0.13	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11974	0.13	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11975	0.14	0.33	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11976	0.14	0.33	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11977	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11978	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
11979	0.11	0.22	0.13	315,315,333	0.0	0.0	0.0	0,0,0
11980	0.11	0.22	0.13	315,315,333	0.0	0.0	0.0	0,0,0
11981	0.11	0.22	0.13	315,315,333	0.0	0.0	0.0	0,0,0
11982	0.11	0.22	0.13	315,315,333	0.0	0.0	0.0	0,0,0
11983	0.11	0.22	0.13	315,315,333	0.0	0.0	0.0	0,0,0
11984	0.11	0.22	0.13	315,315,333	0.0	0.0	0.0	0,0,0
11985	0.11	0.23	0.13	315,319,334	0.0	0.0	0.0	0,0,0
11986	0.11	0.24	0.13	315,320,334	0.0	0.0	0.0	0,0,0
11987	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
11988	0.12	0.27	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11989	0.11	0.26	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11990	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11991	0.12	0.27	0.14	320,319,334	0.0	0.0	0.0	0,0,0
11992	0.14	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
11993	0.12	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
11994	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
11995	0.07	0.16	0.08	315,315,333	0.0	0.0	0.0	0,0,0
11996	0.09	0.20	0.11	315,315,334	0.0	0.0	0.0	0,0,0
11997	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
11998	0.07	0.14	0.08	315,320,333	0.0	0.0	0.0	0,0,0
11999	0.09	0.19	0.11	315,315,333	0.0	0.0	0.0	0,0,0
12000	0.10	0.21	0.12	315,315,333	0.0	0.0	0.0	0,0,0
12001	0.07	0.17	0.08	301,319,333	0.0	0.0	0.0	0,0,0
12002	0.09	0.18	0.10	315,315,333	0.0	0.0	0.0	0,0,0
12003	0.10	0.21	0.12	315,315,333	0.0	0.0	0.0	0,0,0
12004	0.08	0.21	0.09	319,319,334	0.0	0.0	0.0	0,0,0
12005	0.09	0.17	0.10	315,315,333	0.0	0.0	0.0	0,0,0
12006	0.10	0.21	0.12	315,315,334	0.0	0.0	0.0	0,0,0
12007	0.10	0.25	0.11	319,319,334	0.0	0.0	0.0	0,0,0
12008	0.08	0.16	0.10	315,315,333	0.0	0.0	0.0	0,0,0
12009	0.10	0.20	0.12	315,315,334	0.0	0.0	0.0	0,0,0
12010	0.12	0.29	0.13	319,319,334	0.0	0.0	0.0	0,0,0
12011	0.07	0.17	0.09	315,319,334	0.0	0.0	0.0	0,0,0
12012	0.09	0.20	0.11	315,319,334	0.0	0.0	0.0	0,0,0
12013	0.14	0.32	0.15	319,319,334	0.0	0.0	0.0	0,0,0
12014	0.07	0.17	0.08	319,319,334	0.0	0.0	0.0	0,0,0
12015	0.09	0.21	0.11	320,319,334	0.0	0.0	0.0	0,0,0
12016	0.14	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
12017	0.07	0.17	0.08	319,319,334	0.0	0.0	0.0	0,0,0
12018	0.10	0.22	0.11	320,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12019	0.14	0.34	0.16	308,308,334	0.0	0.0	0.0	0,0,0
12020	0.06	0.19	0.08	308,308,334	0.0	0.0	0.0	0,0,0
12021	0.13	0.33	0.16	308,308,334	0.0	0.0	0.0	0,0,0
12022	0.08	0.22	0.10	320,320,334	0.0	0.0	0.0	0,0,0
12023	0.14	0.33	0.17	308,308,334	0.0	0.0	0.0	0,0,0
12024	0.10	0.26	0.12	320,320,334	0.0	0.0	0.0	0,0,0
12025	0.17	0.38	0.20	320,320,334	0.0	0.0	0.0	0,0,0
12026	0.13	0.31	0.15	320,319,334	0.0	0.0	0.0	0,0,0
12027	0.21	0.47	0.25	319,319,334	0.0	0.0	0.0	0,0,0
12028	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
12029	0.28	0.63	0.34	319,319,334	0.27	0.24	0.24	319,327,334
12030	0.21	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
12031	0.42	0.78	0.49	319,319,334	0.31	0.32	0.32	319,328,334
12032	0.29	0.66	0.34	319,319,334	0.28	0.25	0.25	319,328,334
12033	0.61	0.79	0.72	319,319,334	0.32	0.33	0.32	319,328,334
12034	0.32	0.69	0.38	319,319,334	0.30	0.27	0.26	319,328,334
12035	0.23	0.54	0.27	302,302,333	0.0	0.0	0.0	0,0,0
12036	0.18	0.44	0.22	308,308,334	0.0	0.0	0.0	0,0,0
12037	0.16	0.38	0.19	308,308,334	0.0	0.0	0.0	0,0,0
12038	0.16	0.38	0.20	320,320,334	0.0	0.0	0.0	0,0,0
12039	0.21	0.47	0.25	319,319,334	0.0	0.0	0.0	0,0,0
12040	0.29	0.65	0.35	319,319,334	0.28	0.25	0.25	319,327,334
12041	0.42	0.78	0.50	319,319,334	0.31	0.32	0.32	319,327,334
12042	0.65	0.77	0.76	319,319,334	0.30	0.31	0.31	319,328,334
12043	0.27	0.63	0.32	302,302,333	0.27	0.25	0.25	302,323,333
12044	0.19	0.46	0.23	308,308,334	0.0	0.0	0.0	0,0,0
12045	0.15	0.37	0.19	308,308,334	0.0	0.0	0.0	0,0,0
12046	0.16	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
12047	0.19	0.43	0.23	319,319,334	0.0	0.0	0.0	0,0,0
12048	0.26	0.55	0.30	319,319,334	0.24	0.0	0.0	319,0,0
12049	0.35	0.74	0.41	319,319,334	0.31	0.30	0.29	319,328,334
12050	0.38	0.77	0.45	319,319,334	0.33	0.32	0.31	319,328,334
12051	0.22	0.55	0.26	302,302,333	0.0	0.0	0.0	0,0,0
12052	0.28	0.66	0.33	302,302,333	0.28	0.26	0.26	302,323,333
12053	0.16	0.41	0.19	302,302,333	0.0	0.0	0.0	0,0,0
12054	0.20	0.47	0.23	308,308,334	0.0	0.0	0.0	0,0,0
12055	0.12	0.32	0.15	308,308,334	0.0	0.0	0.0	0,0,0
12056	0.16	0.38	0.19	308,308,334	0.0	0.0	0.0	0,0,0
12057	0.10	0.25	0.12	308,308,334	0.0	0.0	0.0	0,0,0
12058	0.14	0.33	0.17	320,308,334	0.0	0.0	0.0	0,0,0
12059	0.10	0.21	0.11	319,319,334	0.0	0.0	0.0	0,0,0
12060	0.17	0.36	0.20	319,319,334	0.0	0.0	0.0	0,0,0
12061	0.12	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
12062	0.21	0.45	0.25	319,319,334	0.0	0.0	0.0	0,0,0
12063	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
12064	0.27	0.57	0.31	319,319,334	0.25	0.0	0.0	319,0,0
12065	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
12066	0.29	0.64	0.34	319,319,334	0.28	0.25	0.24	319,328,334
12067	0.11	0.29	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12068	0.10	0.25	0.11	301,301,333	0.0	0.0	0.0	0,0,0
12069	0.07	0.21	0.08	301,308,333	0.0	0.0	0.0	0,0,0
12070	0.12	0.34	0.14	302,302,334	0.0	0.0	0.0	0,0,0
12071	0.12	0.29	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12072	0.10	0.25	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12073	0.08	0.19	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12074	0.10	0.28	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12075	0.12	0.29	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12076	0.10	0.25	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12077	0.08	0.19	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12078	0.07	0.21	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12079	0.12	0.28	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12080	0.10	0.24	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12081	0.07	0.18	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12082	0.05	0.15	0.05	302,302,333	0.0	0.0	0.0	0,0,0
12083	0.12	0.27	0.14	315,301,334	0.0	0.0	0.0	0,0,0
12084	0.10	0.23	0.12	315,315,334	0.0	0.0	0.0	0,0,0
12085	0.07	0.17	0.09	315,315,334	0.0	0.0	0.0	0,0,0
12086	0.05	0.12	0.04	319,320,334	0.0	0.0	0.0	0,0,0
12087	0.12	0.27	0.15	315,315,334	0.0	0.0	0.0	0,0,0
12088	0.11	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
12089	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12090	0.08	0.20	0.08	319,319,334	0.0	0.0	0.0	0,0,0
12091	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
12092	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
12093	0.10	0.21	0.12	319,319,334	0.0	0.0	0.0	0,0,0
12094	0.11	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
12095	0.13	0.28	0.16	319,319,334	0.0	0.0	0.0	0,0,0
12096	0.13	0.27	0.15	319,319,334	0.0	0.0	0.0	0,0,0
12097	0.11	0.23	0.13	319,319,334	0.0	0.0	0.0	0,0,0
12098	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
12099	0.13	0.32	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12100	0.13	0.32	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12101	0.13	0.31	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12102	0.13	0.30	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12103	0.12	0.29	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12104	0.12	0.27	0.15	315,315,334	0.0	0.0	0.0	0,0,0
12105	0.13	0.30	0.15	319,320,334	0.0	0.0	0.0	0,0,0
12106	0.13	0.30	0.16	319,320,334	0.0	0.0	0.0	0,0,0
12107	0.13	0.33	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12108	0.13	0.33	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12109	0.13	0.32	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12110	0.13	0.32	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12111	0.12	0.31	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12112	0.13	0.31	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12113	0.12	0.29	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12114	0.13	0.30	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12115	0.11	0.27	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12116	0.12	0.29	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12117	0.16	0.36	0.18	320,320,334	0.0	0.0	0.0	0,0,0
12118	0.13	0.31	0.15	320,320,334	0.0	0.0	0.0	0,0,0
12119	0.21	0.48	0.25	320,320,334	0.0	0.0	0.0	0,0,0
12120	0.16	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
12121	0.23	0.53	0.28	320,320,334	0.0	0.0	0.0	0,0,0
12122	0.17	0.38	0.20	320,320,334	0.0	0.0	0.0	0,0,0
12123	0.12	0.32	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12124	0.12	0.31	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12125	0.11	0.29	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12126	0.10	0.26	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12127	0.10	0.24	0.11	320,320,334	0.0	0.0	0.0	0,0,0
12128	0.19	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
12129	0.32	0.68	0.38	320,320,334	0.28	0.27	0.26	320,328,334
12130	0.39	0.80	0.47	320,320,334	0.32	0.34	0.34	320,327,334
12131	0.64	0.78	0.79	315,315,334	0.30	0.29	0.29	320,327,334
12132	0.35	0.76	0.42	320,320,334	0.32	0.32	0.31	320,328,334
12133	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
12134	0.10	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
12135	0.08	0.22	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12136	0.10	0.26	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12137	0.12	0.29	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12138	0.13	0.33	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12139	0.43	0.79	0.52	320,320,334	0.32	0.33	0.32	320,328,334
12140	0.34	0.74	0.40	320,320,334	0.31	0.31	0.30	320,328,334
12141	0.19	0.43	0.22	320,320,334	0.0	0.0	0.0	0,0,0
12142	0.10	0.24	0.11	320,320,334	0.0	0.0	0.0	0,0,0
12143	0.11	0.22	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12144	0.13	0.27	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12145	0.14	0.31	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12146	0.14	0.33	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12147	0.64	0.79	0.78	316,320,333	0.32	0.34	0.33	320,328,334
12148	0.34	0.75	0.41	320,320,334	0.32	0.32	0.31	320,328,334
12149	0.18	0.43	0.22	320,320,334	0.0	0.0	0.0	0,0,0
12150	0.09	0.23	0.10	320,320,334	0.0	0.0	0.0	0,0,0
12151	0.09	0.20	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12152	0.11	0.26	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12153	0.13	0.30	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12154	0.14	0.33	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12155	0.21	0.44	0.25	320,320,334	0.0	0.0	0.0	0,0,0
12156	0.19	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
12157	0.15	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
12158	0.11	0.22	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12159	0.13	0.25	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12160	0.14	0.28	0.17	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12161	0.15	0.31	0.17	302,301,333	0.0	0.0	0.0	0,0,0
12162	0.15	0.33	0.18	301,301,333	0.0	0.0	0.0	0,0,0
12163	0.28	0.61	0.34	320,320,334	0.26	0.24	0.23	320,328,334
12164	0.25	0.54	0.29	320,320,334	0.23	0.0	0.0	320,0,0
12165	0.17	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
12166	0.10	0.24	0.12	301,320,333	0.0	0.0	0.0	0,0,0
12167	0.12	0.24	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12168	0.13	0.28	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12169	0.14	0.31	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12170	0.15	0.33	0.18	301,301,333	0.0	0.0	0.0	0,0,0
12171	0.16	0.33	0.19	320,320,334	0.0	0.0	0.0	0,0,0
12172	0.16	0.33	0.18	320,320,334	0.0	0.0	0.0	0,0,0
12173	0.12	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
12174	0.12	0.23	0.14	302,301,333	0.0	0.0	0.0	0,0,0
12175	0.13	0.25	0.16	302,301,333	0.0	0.0	0.0	0,0,0
12176	0.14	0.28	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12177	0.15	0.30	0.17	302,301,333	0.0	0.0	0.0	0,0,0
12178	0.15	0.31	0.18	302,301,333	0.0	0.0	0.0	0,0,0
12179	0.12	0.25	0.15	319,319,334	0.0	0.0	0.0	0,0,0
12180	0.12	0.24	0.14	320,319,334	0.0	0.0	0.0	0,0,0
12181	0.11	0.22	0.14	301,315,333	0.0	0.0	0.0	0,0,0
12182	0.12	0.22	0.14	302,301,333	0.0	0.0	0.0	0,0,0
12183	0.13	0.25	0.16	302,301,333	0.0	0.0	0.0	0,0,0
12184	0.14	0.26	0.17	302,302,333	0.0	0.0	0.0	0,0,0
12185	0.14	0.28	0.17	302,302,333	0.0	0.0	0.0	0,0,0
12186	0.14	0.28	0.17	302,302,333	0.0	0.0	0.0	0,0,0
12187	0.12	0.25	0.15	319,319,334	0.0	0.0	0.0	0,0,0
12188	0.11	0.24	0.14	315,319,334	0.0	0.0	0.0	0,0,0
12189	0.11	0.22	0.13	316,315,334	0.0	0.0	0.0	0,0,0
12190	0.11	0.21	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12191	0.12	0.22	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12192	0.13	0.23	0.15	302,302,333	0.0	0.0	0.0	0,0,0
12193	0.13	0.24	0.16	302,302,333	0.0	0.0	0.0	0,0,0
12194	0.13	0.24	0.16	302,302,333	0.0	0.0	0.0	0,0,0
12195	0.13	0.23	0.15	302,302,333	0.0	0.0	0.0	0,0,0
12196	0.12	0.20	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12197	0.12	0.21	0.15	302,302,333	0.0	0.0	0.0	0,0,0
12198	0.12	0.21	0.15	302,302,333	0.0	0.0	0.0	0,0,0
12199	0.12	0.21	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12200	0.11	0.19	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12201	0.10	0.19	0.12	302,316,333	0.0	0.0	0.0	0,0,0
12202	0.10	0.21	0.12	316,316,334	0.0	0.0	0.0	0,0,0
12203	0.12	0.23	0.14	319,320,334	0.0	0.0	0.0	0,0,0
12204	0.15	0.26	0.17	319,319,334	0.0	0.0	0.0	0,0,0
12205	0.11	0.15	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12206	0.12	0.16	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12207	0.12	0.16	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12208	0.10	0.14	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12209	0.08	0.12	0.09	302,316,333	0.0	0.0	0.0	0,0,0
12210	0.08	0.13	0.08	319,320,334	0.0	0.0	0.0	0,0,0
12211	0.16	0.27	0.18	319,319,334	0.0	0.0	0.0	0,0,0
12212	0.24	0.45	0.28	319,319,334	0.0	0.0	0.0	0,0,0
12213	0.10	0.11	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12214	0.11	0.13	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12215	0.11	0.13	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12216	0.10	0.11	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12217	0.07	0.08	0.07	302,302,333	0.0	0.0	0.0	0,0,0
12218	0.07	0.08	0.07	319,319,334	0.0	0.0	0.0	0,0,0
12219	0.17	0.27	0.19	319,319,334	0.0	0.0	0.0	0,0,0
12220	0.29	0.58	0.34	319,319,334	0.25	0.22	0.22	319,328,334
12221	0.10	0.10	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12222	0.11	0.12	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12223	0.11	0.12	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12224	0.10	0.10	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12225	0.07	0.06	0.07	302,302,333	0.0	0.0	0.0	0,0,0
12226	0.07	0.08	0.07	319,319,334	0.0	0.0	0.0	0,0,0
12227	0.16	0.27	0.18	319,319,334	0.0	0.0	0.0	0,0,0
12228	0.56	0.68	0.66	315,315,333	0.25	0.24	0.23	315,325,333
12229	0.07	0.14	0.08	302,301,333	0.0	0.0	0.0	0,0,0
12230	0.06	0.12	0.07	302,301,333	0.0	0.0	0.0	0,0,0
12231	0.09	0.13	0.11	302,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12232	0.49	0.62	0.59	301,301,333	0.22	0.23	0.22	301,323,333
12233	0.10	0.10	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12234	0.07	0.04	0.07	302,302,333	0.0	0.0	0.0	0,0,0
12235	0.19	0.30	0.22	319,319,334	0.0	0.0	0.0	0,0,0
12236	0.04	0.04	0.05	316,305,334	0.0	0.0	0.0	0,0,0
12237	0.06	0.04	0.07	316,316,334	0.0	0.0	0.0	0,0,0
12238	0.41	0.64	0.49	301,315,333	0.23	0.25	0.24	315,330,334
12239	0.05	0.03	0.06	302,302,333	0.0	0.0	0.0	0,0,0
12240	0.39	0.60	0.46	319,319,334	0.24	0.21	0.21	319,330,334
12241	0.55	0.67	0.66	315,301,333	0.25	0.25	0.24	301,323,333
12242	0.06	0.04	0.08	316,316,334	0.0	0.0	0.0	0,0,0
12243	0.06	0.05	0.07	316,301,334	0.0	0.0	0.0	0,0,0
12244	0.09	0.07	0.10	302,302,333	0.0	0.0	0.0	0,0,0
12245	0.10	0.10	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12246	0.09	0.08	0.10	302,302,333	0.0	0.0	0.0	0,0,0
12247	0.07	0.07	0.07	319,319,334	0.0	0.0	0.0	0,0,0
12248	0.16	0.27	0.19	301,301,333	0.0	0.0	0.0	0,0,0
12249	0.19	0.63	0.23	302,302,333	0.23	0.24	0.24	302,323,333
12250	0.15	0.27	0.18	307,308,334	0.0	0.0	0.0	0,0,0
12251	0.10	0.14	0.13	307,308,334	0.0	0.0	0.0	0,0,0
12252	0.19	0.56	0.23	302,302,333	0.22	0.0	0.0	302,0,0
12253	0.16	0.20	0.19	302,302,333	0.0	0.0	0.0	0,0,0
12254	0.13	0.20	0.16	307,307,334	0.0	0.0	0.0	0,0,0
12255	0.21	0.41	0.26	302,302,333	0.0	0.0	0.0	0,0,0
12256	0.16	0.22	0.19	302,302,333	0.0	0.0	0.0	0,0,0
12257	0.15	0.24	0.18	307,307,334	0.0	0.0	0.0	0,0,0
12258	0.15	0.24	0.19	307,307,334	0.0	0.0	0.0	0,0,0
12259	0.13	0.18	0.16	302,308,333	0.0	0.0	0.0	0,0,0
12260	0.13	0.15	0.16	302,302,333	0.0	0.0	0.0	0,0,0
12261	0.09	0.14	0.11	308,315,334	0.0	0.0	0.0	0,0,0
12262	0.06	0.05	0.08	302,305,333	0.0	0.0	0.0	0,0,0
12263	0.05	0.13	0.06	302,301,333	0.0	0.0	0.0	0,0,0
12264	0.14	0.22	0.17	302,315,333	0.0	0.0	0.0	0,0,0
12265	0.11	0.11	0.13	302,308,333	0.0	0.0	0.0	0,0,0
12266	0.07	0.10	0.09	302,301,333	0.0	0.0	0.0	0,0,0
12267	0.03	0.18	0.04	302,301,333	0.0	0.0	0.0	0,0,0
12268	0.02	0.15	0.03	302,301,333	0.0	0.0	0.0	0,0,0
12269	0.03	0.11	0.03	302,301,333	0.0	0.0	0.0	0,0,0
12270	0.04	0.15	0.05	302,301,333	0.0	0.0	0.0	0,0,0
12271	0.03	0.09	0.04	302,301,333	0.0	0.0	0.0	0,0,0
12272	0.04	0.07	0.05	308,315,334	0.0	0.0	0.0	0,0,0
12273	0.04	0.31	0.05	302,301,333	0.0	0.0	0.0	0,0,0
12274	0.06	0.31	0.07	302,301,333	0.0	0.0	0.0	0,0,0
12275	0.06	0.27	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12276	0.03	0.27	0.03	302,301,333	0.0	0.0	0.0	0,0,0
12277	0.04	0.27	0.05	302,301,333	0.0	0.0	0.0	0,0,0
12278	0.06	0.23	0.07	302,301,333	0.0	0.0	0.0	0,0,0
12279	0.03	0.22	0.03	302,301,333	0.0	0.0	0.0	0,0,0
12280	0.03	0.21	0.04	302,301,333	0.0	0.0	0.0	0,0,0
12281	0.04	0.18	0.05	302,301,333	0.0	0.0	0.0	0,0,0
12282	0.07	0.39	0.08	302,315,333	0.0	0.0	0.0	0,0,0
12283	0.08	0.36	0.10	302,315,333	0.0	0.0	0.0	0,0,0
12284	0.07	0.32	0.09	302,316,333	0.0	0.0	0.0	0,0,0
12285	0.06	0.36	0.07	302,315,333	0.0	0.0	0.0	0,0,0
12286	0.07	0.35	0.08	302,315,333	0.0	0.0	0.0	0,0,0
12287	0.07	0.31	0.09	302,302,333	0.0	0.0	0.0	0,0,0
12288	0.08	0.41	0.09	302,315,333	0.0	0.0	0.0	0,0,0
12289	0.09	0.37	0.10	301,315,333	0.0	0.0	0.0	0,0,0
12290	0.08	0.34	0.10	301,316,333	0.0	0.0	0.0	0,0,0
12291	0.09	0.31	0.11	301,316,333	0.0	0.0	0.0	0,0,0
12292	0.09	0.36	0.11	301,315,333	0.0	0.0	0.0	0,0,0
12293	0.08	0.43	0.10	301,315,333	0.0	0.0	0.0	0,0,0
12294	0.12	0.38	0.15	301,315,333	0.0	0.0	0.0	0,0,0
12295	0.12	0.43	0.14	301,315,333	0.0	0.0	0.0	0,0,0
12296	0.11	0.48	0.13	301,315,333	0.0	0.0	0.0	0,0,0
12297	0.10	0.30	0.13	301,315,333	0.0	0.0	0.0	0,0,0
12298	0.10	0.38	0.12	301,315,333	0.0	0.0	0.0	0,0,0
12299	0.10	0.45	0.12	301,315,333	0.0	0.0	0.0	0,0,0
12300	0.12	0.50	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12301	0.12	0.58	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12302	0.10	0.58	0.12	302,315,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12303	0.12	0.47	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12304	0.12	0.55	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12305	0.10	0.56	0.13	302,315,333	0.0	0.0	0.0	0,0,0
12306	0.12	0.44	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12307	0.12	0.52	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12308	0.11	0.54	0.13	302,315,333	0.0	0.0	0.0	0,0,0
12309	0.11	0.40	0.14	301,315,333	0.0	0.0	0.0	0,0,0
12310	0.12	0.48	0.14	301,315,333	0.0	0.0	0.0	0,0,0
12311	0.11	0.51	0.13	302,315,333	0.0	0.0	0.0	0,0,0
12312	0.12	0.52	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12313	0.11	0.60	0.14	302,301,333	0.0	0.0	0.0	0,0,0
12314	0.09	0.60	0.10	302,301,333	0.0	0.0	0.0	0,0,0
12315	0.11	0.53	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12316	0.09	0.61	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12317	0.06	0.62	0.07	301,302,333	0.0	0.0	0.0	0,0,0
12318	0.12	0.53	0.14	301,302,333	0.0	0.0	0.0	0,0,0
12319	0.10	0.61	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12320	0.07	0.61	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12321	0.10	0.52	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12322	0.07	0.61	0.09	302,302,333	0.0	0.0	0.0	0,0,0
12323	0.06	0.62	0.07	301,302,333	0.0	0.0	0.0	0,0,0
12324	0.09	0.52	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12325	0.06	0.60	0.07	302,302,333	0.0	0.0	0.0	0,0,0
12326	0.06	0.62	0.07	301,302,333	0.0	0.0	0.0	0,0,0
12327	0.07	0.47	0.08	301,302,333	0.0	0.0	0.0	0,0,0
12328	0.05	0.56	0.06	301,302,333	0.0	0.0	0.0	0,0,0
12329	0.06	0.58	0.08	301,302,333	0.0	0.0	0.0	0,0,0
12330	0.08	0.50	0.09	302,302,333	0.0	0.0	0.0	0,0,0
12331	0.04	0.58	0.05	315,302,333	0.0	0.0	0.0	0,0,0
12332	0.06	0.60	0.07	301,302,333	0.0	0.0	0.0	0,0,0
12333	0.08	0.42	0.09	301,302,333	0.0	0.0	0.0	0,0,0
12334	0.06	0.49	0.07	301,302,333	0.0	0.0	0.0	0,0,0
12335	0.06	0.53	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12336	0.07	0.45	0.09	301,302,333	0.0	0.0	0.0	0,0,0
12337	0.06	0.53	0.07	301,302,333	0.0	0.0	0.0	0,0,0
12338	0.06	0.55	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12339	0.08	0.38	0.09	301,302,333	0.0	0.0	0.0	0,0,0
12340	0.06	0.46	0.07	301,302,333	0.0	0.0	0.0	0,0,0
12341	0.06	0.50	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12342	0.08	0.30	0.09	301,302,333	0.0	0.0	0.0	0,0,0
12343	0.06	0.38	0.07	301,302,333	0.0	0.0	0.0	0,0,0
12344	0.07	0.45	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12345	0.07	0.23	0.08	301,302,333	0.0	0.0	0.0	0,0,0
12346	0.06	0.29	0.07	301,308,333	0.0	0.0	0.0	0,0,0
12347	0.07	0.45	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12348	0.07	0.18	0.08	301,302,333	0.0	0.0	0.0	0,0,0
12349	0.05	0.29	0.06	301,302,333	0.0	0.0	0.0	0,0,0
12350	0.07	0.46	0.08	316,302,333	0.0	0.0	0.0	0,0,0
12351	0.07	0.09	0.08	301,301,333	0.0	0.0	0.0	0,0,0
12352	0.05	0.20	0.05	301,302,333	0.0	0.0	0.0	0,0,0
12353	0.07	0.37	0.08	301,302,333	0.0	0.0	0.0	0,0,0
12354	0.06	0.06	0.07	301,301,333	0.0	0.0	0.0	0,0,0
12355	0.04	0.12	0.04	301,301,333	0.0	0.0	0.0	0,0,0
12356	0.07	0.22	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12357	0.15	0.35	0.17	301,305,333	0.0	0.0	0.0	0,0,0
12358	0.04	0.11	0.05	308,301,334	0.0	0.0	0.0	0,0,0
12359	0.06	0.04	0.07	301,301,333	0.0	0.0	0.0	0,0,0
12360	0.11	0.17	0.13	307,308,334	0.0	0.0	0.0	0,0,0
12361	0.14	0.24	0.18	307,307,334	0.0	0.0	0.0	0,0,0
12362	0.18	0.32	0.22	307,307,334	0.0	0.0	0.0	0,0,0
12363	0.19	0.34	0.23	307,315,334	0.0	0.0	0.0	0,0,0
12364	0.12	0.22	0.14	315,315,333	0.0	0.0	0.0	0,0,0
12365	0.18	0.34	0.23	301,315,333	0.0	0.0	0.0	0,0,0
12366	0.05	0.12	0.06	308,301,334	0.0	0.0	0.0	0,0,0
12367	0.06	0.10	0.08	308,307,334	0.0	0.0	0.0	0,0,0
12368	0.07	0.26	0.09	302,301,333	0.0	0.0	0.0	0,0,0
12369	0.07	0.23	0.08	302,301,333	0.0	0.0	0.0	0,0,0
12370	0.06	0.18	0.07	302,301,333	0.0	0.0	0.0	0,0,0
12371	0.07	0.28	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12372	0.07	0.28	0.09	302,301,333	0.0	0.0	0.0	0,0,0
12373	0.08	0.29	0.10	301,315,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12374	0.09	0.26	0.11	301,315,333	0.0	0.0	0.0	0,0,0
12375	0.12	0.33	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12376	0.10	0.25	0.12	301,302,333	0.0	0.0	0.0	0,0,0
12377	0.13	0.48	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12378	0.13	0.46	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12379	0.12	0.43	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12380	0.11	0.38	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12381	0.13	0.50	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12382	0.12	0.51	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12383	0.13	0.51	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12384	0.12	0.51	0.14	301,302,333	0.0	0.0	0.0	0,0,0
12385	0.11	0.18	0.14	308,308,334	0.0	0.0	0.0	0,0,0
12386	0.11	0.19	0.14	308,308,334	0.0	0.0	0.0	0,0,0
12387	0.16	0.27	0.19	307,307,334	0.0	0.0	0.0	0,0,0
12388	0.16	0.28	0.19	307,307,334	0.0	0.0	0.0	0,0,0
12389	0.23	0.43	0.28	307,307,334	0.0	0.0	0.0	0,0,0
12390	0.24	0.45	0.29	307,307,334	0.0	0.0	0.0	0,0,0
12391	0.27	0.55	0.33	307,301,334	0.23	0.22	0.0	301,323,0
12392	0.47	0.74	0.58	307,307,334	0.29	0.30	0.29	316,327,334
12393	0.16	0.31	0.19	307,315,334	0.0	0.0	0.0	0,0,0
12394	0.27	0.54	0.34	301,315,333	0.23	0.21	0.21	315,327,333
12395	0.24	0.45	0.29	307,307,334	0.0	0.0	0.0	0,0,0
12396	0.47	0.75	0.58	316,315,333	0.29	0.30	0.29	315,327,334
12397	0.07	0.14	0.09	308,301,334	0.0	0.0	0.0	0,0,0
12398	0.10	0.18	0.13	308,308,334	0.0	0.0	0.0	0,0,0
12399	0.10	0.18	0.12	308,308,334	0.0	0.0	0.0	0,0,0
12400	0.14	0.26	0.17	308,308,334	0.0	0.0	0.0	0,0,0
12401	0.08	0.25	0.09	302,301,333	0.0	0.0	0.0	0,0,0
12402	0.08	0.23	0.09	302,301,333	0.0	0.0	0.0	0,0,0
12403	0.07	0.19	0.08	302,301,333	0.0	0.0	0.0	0,0,0
12404	0.08	0.24	0.10	302,315,333	0.0	0.0	0.0	0,0,0
12405	0.08	0.23	0.10	302,315,333	0.0	0.0	0.0	0,0,0
12406	0.08	0.21	0.10	302,315,333	0.0	0.0	0.0	0,0,0
12407	0.07	0.26	0.09	302,315,333	0.0	0.0	0.0	0,0,0
12408	0.08	0.26	0.09	302,315,333	0.0	0.0	0.0	0,0,0
12409	0.10	0.28	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12410	0.08	0.24	0.10	316,315,333	0.0	0.0	0.0	0,0,0
12411	0.08	0.27	0.09	315,302,333	0.0	0.0	0.0	0,0,0
12412	0.12	0.36	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12413	0.08	0.29	0.09	301,302,333	0.0	0.0	0.0	0,0,0
12414	0.11	0.38	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12415	0.11	0.31	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12416	0.09	0.30	0.11	301,302,333	0.0	0.0	0.0	0,0,0
12417	0.10	0.36	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12418	0.12	0.39	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12419	0.13	0.48	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12420	0.13	0.45	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12421	0.12	0.41	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12422	0.11	0.35	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12423	0.13	0.46	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12424	0.13	0.43	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12425	0.12	0.39	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12426	0.10	0.32	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12427	0.14	0.50	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12428	0.14	0.48	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12429	0.13	0.50	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12430	0.14	0.50	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12431	0.14	0.49	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12432	0.14	0.49	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12433	0.13	0.49	0.16	301,302,333	0.0	0.0	0.0	0,0,0
12434	0.14	0.48	0.17	301,302,333	0.0	0.0	0.0	0,0,0
12435	0.13	0.48	0.15	301,302,333	0.0	0.0	0.0	0,0,0
12436	0.14	0.47	0.16	301,302,333	0.0	0.0	0.0	0,0,0
12437	0.11	0.44	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12438	0.12	0.46	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12439	0.12	0.43	0.15	302,302,333	0.0	0.0	0.0	0,0,0
12440	0.13	0.45	0.16	301,302,333	0.0	0.0	0.0	0,0,0
12441	0.10	0.38	0.12	301,302,333	0.0	0.0	0.0	0,0,0
12442	0.10	0.41	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12443	0.11	0.37	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12444	0.12	0.40	0.14	302,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12445	0.10	0.34	0.12	301,302,333	0.0	0.0	0.0	0,0,0
12446	0.10	0.33	0.12	301,302,333	0.0	0.0	0.0	0,0,0
12447	0.09	0.27	0.11	301,302,333	0.0	0.0	0.0	0,0,0
12448	0.10	0.26	0.11	301,302,333	0.0	0.0	0.0	0,0,0
12449	0.09	0.19	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12450	0.09	0.20	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12451	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12452	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12453	0.08	0.10	0.09	301,302,333	0.0	0.0	0.0	0,0,0
12454	0.08	0.10	0.09	301,302,333	0.0	0.0	0.0	0,0,0
12455	0.07	0.05	0.08	301,301,333	0.0	0.0	0.0	0,0,0
12456	0.06	0.06	0.07	301,315,333	0.0	0.0	0.0	0,0,0
12457	0.06	0.04	0.07	301,316,333	0.0	0.0	0.0	0,0,0
12458	0.06	0.05	0.07	316,315,334	0.0	0.0	0.0	0,0,0
12459	0.10	0.18	0.13	308,308,334	0.0	0.0	0.0	0,0,0
12460	0.07	0.13	0.08	307,307,334	0.0	0.0	0.0	0,0,0
12461	0.15	0.28	0.19	308,308,334	0.0	0.0	0.0	0,0,0
12462	0.10	0.20	0.12	307,307,334	0.0	0.0	0.0	0,0,0
12463	0.27	0.50	0.33	308,308,334	0.21	0.0	0.0	308,0,0
12464	0.15	0.33	0.18	307,307,334	0.0	0.0	0.0	0,0,0
12465	0.51	0.66	0.61	308,308,334	0.24	0.24	0.24	308,327,334
12466	0.23	0.46	0.28	307,307,334	0.0	0.0	0.0	0,0,0
12467	0.28	0.55	0.34	308,308,334	0.23	0.22	0.21	308,327,334
12468	0.56	0.74	0.68	316,316,334	0.28	0.28	0.28	316,327,334
12469	0.22	0.45	0.27	308,308,334	0.0	0.0	0.0	0,0,0
12470	0.25	0.54	0.30	315,315,334	0.23	0.0	0.0	315,0,0
12471	0.10	0.21	0.13	308,308,334	0.0	0.0	0.0	0,0,0
12472	0.15	0.29	0.18	308,308,334	0.0	0.0	0.0	0,0,0
12473	0.10	0.22	0.13	308,315,334	0.0	0.0	0.0	0,0,0
12474	0.14	0.29	0.18	308,308,334	0.0	0.0	0.0	0,0,0
12475	0.09	0.23	0.11	315,315,333	0.0	0.0	0.0	0,0,0
12476	0.09	0.23	0.11	316,315,333	0.0	0.0	0.0	0,0,0
12477	0.09	0.23	0.11	316,315,333	0.0	0.0	0.0	0,0,0
12478	0.09	0.23	0.11	315,315,333	0.0	0.0	0.0	0,0,0
12479	0.09	0.23	0.11	315,315,333	0.0	0.0	0.0	0,0,0
12480	0.09	0.23	0.11	315,315,333	0.0	0.0	0.0	0,0,0
12481	0.15	0.39	0.18	302,302,333	0.0	0.0	0.0	0,0,0
12482	0.11	0.26	0.13	308,308,334	0.0	0.0	0.0	0,0,0
12483	0.19	0.45	0.22	302,302,333	0.0	0.0	0.0	0,0,0
12484	0.11	0.28	0.14	308,308,334	0.0	0.0	0.0	0,0,0
12485	0.21	0.54	0.25	302,302,333	0.0	0.0	0.0	0,0,0
12486	0.33	0.77	0.39	302,302,333	0.33	0.34	0.32	302,323,333
12487	0.10	0.21	0.13	308,308,334	0.0	0.0	0.0	0,0,0
12488	0.08	0.21	0.10	315,315,333	0.0	0.0	0.0	0,0,0
12489	0.09	0.23	0.11	315,315,333	0.0	0.0	0.0	0,0,0
12490	0.10	0.23	0.12	315,315,333	0.0	0.0	0.0	0,0,0
12491	0.18	0.44	0.22	302,302,333	0.0	0.0	0.0	0,0,0
12492	0.11	0.27	0.13	308,308,334	0.0	0.0	0.0	0,0,0
12493	0.13	0.44	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12494	0.12	0.41	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12495	0.10	0.36	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12496	0.10	0.32	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12497	0.12	0.40	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12498	0.10	0.36	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12499	0.08	0.30	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12500	0.13	0.32	0.15	308,302,334	0.0	0.0	0.0	0,0,0
12501	0.14	0.47	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12502	0.13	0.43	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12503	0.14	0.47	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12504	0.14	0.47	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12505	0.14	0.44	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12506	0.14	0.44	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12507	0.14	0.47	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12508	0.14	0.44	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12509	0.14	0.46	0.17	301,302,333	0.0	0.0	0.0	0,0,0
12510	0.14	0.43	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12511	0.14	0.42	0.17	302,302,333	0.0	0.0	0.0	0,0,0
12512	0.14	0.44	0.17	301,302,333	0.0	0.0	0.0	0,0,0
12513	0.14	0.40	0.17	301,302,333	0.0	0.0	0.0	0,0,0
12514	0.14	0.42	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12515	0.13	0.36	0.15	302,302,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12516	0.13	0.39	0.16	302,302,333	0.0	0.0	0.0	0,0,0
12517	0.14	0.35	0.17	302,302,333	0.0	0.0	0.0	0,0,0
12518	0.14	0.38	0.17	302,302,333	0.0	0.0	0.0	0,0,0
12519	0.12	0.32	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12520	0.13	0.32	0.16	302,302,333	0.0	0.0	0.0	0,0,0
12521	0.16	0.28	0.20	315,315,333	0.0	0.0	0.0	0,0,0
12523	0.28	0.60	0.34	301,301,333	0.25	0.24	0.23	301,323,333
12524	0.08	0.21	0.10	315,315,333	0.0	0.0	0.0	0,0,0
12525	0.12	0.25	0.14	301,315,333	0.0	0.0	0.0	0,0,0
12526	0.07	0.15	0.08	301,315,333	0.0	0.0	0.0	0,0,0
12527	0.08	0.17	0.09	302,302,333	0.0	0.0	0.0	0,0,0
12528	0.08	0.17	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12529	0.09	0.20	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12530	0.09	0.20	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12531	0.11	0.26	0.14	302,301,333	0.0	0.0	0.0	0,0,0
12532	0.10	0.26	0.12	302,301,333	0.0	0.0	0.0	0,0,0
12533	0.06	0.09	0.07	301,319,333	0.0	0.0	0.0	0,0,0
12534	0.06	0.14	0.07	307,315,334	0.0	0.0	0.0	0,0,0
12535	0.08	0.20	0.10	307,315,334	0.0	0.0	0.0	0,0,0
12536	0.12	0.26	0.14	301,315,333	0.0	0.0	0.0	0,0,0
12537	0.13	0.27	0.16	308,307,334	0.0	0.0	0.0	0,0,0
12538	0.13	0.27	0.16	308,315,334	0.0	0.0	0.0	0,0,0
12539	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
12540	0.22	0.57	0.26	302,302,333	0.0	0.0	0.0	0,0,0
12541	0.37	0.78	0.44	302,302,333	0.32	0.33	0.32	302,323,333
12542	0.18	0.49	0.21	302,302,333	0.0	0.0	0.0	0,0,0
12543	0.23	0.59	0.27	302,302,333	0.26	0.0	0.0	302,0,0
12544	0.26	0.61	0.31	302,302,333	0.27	0.25	0.24	302,323,333
12545	0.39	0.78	0.46	302,302,333	0.31	0.33	0.32	302,323,333
12546	0.35	0.79	0.41	302,302,333	0.34	0.35	0.34	302,323,333
12547	0.59	0.79	0.72	302,302,333	0.32	0.34	0.33	302,323,333
12548	0.32	0.77	0.39	302,302,333	0.33	0.34	0.33	302,323,333
12549	0.72	0.77	0.89	302,302,333	0.33	0.34	0.33	302,323,333
12550	0.11	0.35	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12551	0.09	0.31	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12552	0.06	0.24	0.07	308,301,334	0.0	0.0	0.0	0,0,0
12553	0.13	0.34	0.16	308,308,334	0.0	0.0	0.0	0,0,0
12554	0.12	0.39	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12555	0.14	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12556	0.13	0.40	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12557	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12558	0.14	0.40	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12559	0.14	0.38	0.17	301,302,333	0.0	0.0	0.0	0,0,0
12560	0.14	0.39	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12561	0.64	0.69	0.76	301,301,333	0.28	0.28	0.27	301,323,333
12562	0.28	0.58	0.34	301,301,333	0.25	0.23	0.22	301,323,333
12563	0.12	0.25	0.14	301,315,333	0.0	0.0	0.0	0,0,0
12564	0.09	0.18	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12565	0.10	0.21	0.12	302,302,333	0.0	0.0	0.0	0,0,0
12566	0.12	0.27	0.15	302,302,333	0.0	0.0	0.0	0,0,0
12567	0.14	0.34	0.17	302,301,333	0.0	0.0	0.0	0,0,0
12568	0.15	0.36	0.17	301,302,333	0.0	0.0	0.0	0,0,0
12569	0.14	0.32	0.17	302,302,333	0.0	0.0	0.0	0,0,0
12570	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
12571	0.10	0.21	0.12	315,315,333	0.0	0.0	0.0	0,0,0
12572	0.08	0.14	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12573	0.07	0.12	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12574	0.07	0.13	0.08	301,315,333	0.0	0.0	0.0	0,0,0
12575	0.07	0.17	0.09	301,301,333	0.0	0.0	0.0	0,0,0
12576	0.09	0.19	0.11	301,307,333	0.0	0.0	0.0	0,0,0
12577	0.08	0.19	0.10	308,307,334	0.0	0.0	0.0	0,0,0
12578	0.08	0.20	0.10	315,315,333	0.0	0.0	0.0	0,0,0
12579	0.09	0.22	0.11	315,315,333	0.0	0.0	0.0	0,0,0
12580	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
12581	0.17	0.40	0.20	308,308,334	0.0	0.0	0.0	0,0,0
12582	0.10	0.25	0.12	308,308,334	0.0	0.0	0.0	0,0,0
12583	0.32	0.73	0.38	302,302,333	0.31	0.30	0.29	302,323,333
12584	0.53	0.79	0.64	302,302,333	0.31	0.31	0.30	302,323,333
12585	0.27	0.64	0.32	302,302,333	0.28	0.26	0.25	302,323,333
12586	0.63	0.78	0.76	302,302,333	0.33	0.34	0.33	302,323,333
12587	0.10	0.33	0.12	301,301,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12588	0.08	0.28	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12589	0.06	0.21	0.07	308,315,334	0.0	0.0	0.0	0,0,0
12590	0.13	0.35	0.15	308,302,334	0.0	0.0	0.0	0,0,0
12591	0.12	0.36	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12592	0.13	0.37	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12593	0.13	0.37	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12594	0.14	0.38	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12595	0.14	0.37	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12596	0.15	0.37	0.18	301,301,333	0.0	0.0	0.0	0,0,0
12597	0.14	0.37	0.17	301,301,333	0.0	0.0	0.0	0,0,0
12598	0.15	0.34	0.18	302,302,333	0.0	0.0	0.0	0,0,0
12599	0.15	0.36	0.18	302,302,333	0.0	0.0	0.0	0,0,0
12600	0.14	0.32	0.17	302,301,333	0.0	0.0	0.0	0,0,0
12601	0.13	0.28	0.16	302,302,333	0.0	0.0	0.0	0,0,0
12602	0.12	0.23	0.14	302,302,333	0.0	0.0	0.0	0,0,0
12603	0.11	0.19	0.13	302,302,333	0.0	0.0	0.0	0,0,0
12604	0.11	0.23	0.13	301,301,333	0.0	0.0	0.0	0,0,0
12605	0.15	0.36	0.18	301,315,333	0.0	0.0	0.0	0,0,0
12606	0.20	0.36	0.24	301,315,333	0.0	0.0	0.0	0,0,0
12607	0.12	0.23	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12608	0.13	0.26	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12609	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12610	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12611	0.13	0.27	0.15	301,315,333	0.0	0.0	0.0	0,0,0
12612	0.12	0.27	0.15	315,315,334	0.0	0.0	0.0	0,0,0
12613	0.12	0.26	0.14	316,319,334	0.0	0.0	0.0	0,0,0
12614	0.11	0.26	0.14	320,319,334	0.0	0.0	0.0	0,0,0
12615	0.11	0.22	0.14	301,301,333	0.0	0.0	0.0	0,0,0
12616	0.13	0.25	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12617	0.13	0.26	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12618	0.13	0.27	0.15	301,315,333	0.0	0.0	0.0	0,0,0
12619	0.09	0.21	0.11	320,319,334	0.0	0.0	0.0	0,0,0
12620	0.10	0.23	0.13	316,315,334	0.0	0.0	0.0	0,0,0
12621	0.12	0.25	0.14	315,315,334	0.0	0.0	0.0	0,0,0
12622	0.13	0.26	0.15	301,315,333	0.0	0.0	0.0	0,0,0
12623	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12624	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12625	0.13	0.27	0.16	301,301,333	0.0	0.0	0.0	0,0,0
12626	0.12	0.24	0.15	301,301,333	0.0	0.0	0.0	0,0,0
12627	0.10	0.19	0.12	301,301,333	0.0	0.0	0.0	0,0,0
12628	0.09	0.15	0.10	301,301,333	0.0	0.0	0.0	0,0,0
12629	0.06	0.10	0.07	301,301,333	0.0	0.0	0.0	0,0,0
12630	0.04	0.07	0.05	301,315,333	0.0	0.0	0.0	0,0,0
12631	0.08	0.12	0.09	308,308,334	0.0	0.0	0.0	0,0,0
12632	0.08	0.12	0.09	308,308,334	0.0	0.0	0.0	0,0,0
12633	0.07	0.12	0.09	308,316,334	0.0	0.0	0.0	0,0,0
12634	0.07	0.20	0.09	307,316,334	0.0	0.0	0.0	0,0,0
12635	0.09	0.26	0.11	308,316,334	0.0	0.0	0.0	0,0,0
12636	0.07	0.11	0.08	308,308,334	0.0	0.0	0.0	0,0,0
12637	0.08	0.12	0.09	308,308,334	0.0	0.0	0.0	0,0,0
12638	0.25	0.40	0.29	307,308,334	0.09	0.09	0.09	308,327,334
12639	0.17	0.16	0.22	302,315,333	0.0	0.0	0.0	0,0,0
12640	0.09	0.06	0.11	302,302,333	0.0	0.0	0.0	0,0,0
12641	0.06	0.05	0.08	302,302,333	0.0	0.0	0.0	0,0,0
12642	0.05	0.03	0.06	302,302,333	0.0	0.0	0.0	0,0,0
12643	0.03	0.03	0.04	302,306,333	0.0	0.0	0.0	0,0,0
12644	0.02	0.04	0.02	306,302,333	0.0	0.0	0.0	0,0,0
12645	0.09	0.62	0.09	322,305,334	0.0	0.0	0.0	0,0,0
12646	0.28	0.49	0.33	315,321,333	0.0	0.0	0.0	0,0,0
12647	0.03	0.14	0.03	305,301,333	0.0	0.0	0.0	0,0,0
12648	0.02	0.24	0.02	301,322,333	0.0	0.0	0.0	0,0,0
12649	0.02	0.32	0.02	301,302,333	0.0	0.0	0.0	0,0,0
12650	0.01	0.36	0.01	301,302,333	0.0	0.0	0.0	0,0,0
12651	0.01	0.44	0.01	301,302,333	0.0	0.0	0.0	0,0,0
12652	8.89e-03	0.51	9.06e-03	301,302,333	0.0	0.0	0.0	0,0,0
12653	5.50e-03	0.55	6.15e-03	301,302,333	0.0	0.0	0.0	0,0,0
12654	4.70e-03	0.58	5.31e-03	301,302,333	0.0	0.0	0.0	0,0,0
12655	0.02	0.07	0.02	302,316,333	0.0	0.0	0.0	0,0,0
12656	0.02	0.13	0.03	302,315,333	0.0	0.0	0.0	0,0,0
12657	0.02	0.18	0.03	302,315,333	0.0	0.0	0.0	0,0,0
12658	0.02	0.25	0.03	302,315,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12659	0.02	0.30	0.02	308,315,334	0.0	0.0	0.0	0,0,0
12660	7.73e-03	0.34	8.85e-03	314,315,334	0.0	0.0	0.0	0,0,0
12661	7.43e-03	0.37	8.07e-03	301,315,333	0.0	0.0	0.0	0,0,0
12662	0.02	0.42	0.02	301,315,333	0.0	0.0	0.0	0,0,0
12663	0.03	0.47	0.03	301,315,333	0.0	0.0	0.0	0,0,0
12664	0.03	0.51	0.04	301,315,333	0.0	0.0	0.0	0,0,0
12665	0.04	0.55	0.04	301,301,333	0.0	0.0	0.0	0,0,0
12666	0.04	0.58	0.04	301,301,333	0.0	0.0	0.0	0,0,0
12667	0.04	0.60	0.04	301,301,333	0.0	0.0	0.0	0,0,0
12668	0.04	0.63	0.04	301,301,333	0.41	0.0	0.0	302,0,0
12669	0.03	0.64	0.04	302,302,333	0.41	0.0	0.0	302,0,0
12670	0.02	0.64	0.03	302,302,333	0.46	0.0	0.0	302,0,0
12671	0.02	0.64	0.02	302,302,333	0.46	0.0	0.0	302,0,0
12672	7.24e-03	0.64	9.15e-03	302,302,333	0.0	0.0	0.0	0,0,0
12673	4.56e-03	0.63	5.39e-03	301,302,333	0.0	0.0	0.0	0,0,0
12674	4.51e-03	0.61	5.32e-03	301,302,333	0.0	0.0	0.0	0,0,0
12995	0.15	0.45	0.18	321,321,333	0.0	0.0	0.0	0,0,0
12996	0.10	0.24	0.12	302,315,333	0.0	0.0	0.0	0,0,0
12997	0.10	0.22	0.12	302,316,333	0.0	0.0	0.0	0,0,0
12998	0.08	0.19	0.11	301,302,333	0.0	0.0	0.0	0,0,0
12999	0.44	0.60	0.55	301,302,333	0.21	0.24	0.23	302,323,333
13000	0.06	0.14	0.08	301,302,333	0.0	0.0	0.0	0,0,0
13001	0.04	0.08	0.05	301,302,333	0.0	0.0	0.0	0,0,0
13002	0.09	0.22	0.11	307,316,334	0.0	0.0	0.0	0,0,0
13003	0.07	0.14	0.08	308,316,334	0.0	0.0	0.0	0,0,0
13004	0.05	0.11	0.06	316,316,333	0.0	0.0	0.0	0,0,0
13005	0.10	0.19	0.12	316,315,334	0.0	0.0	0.0	0,0,0
13006	0.12	0.26	0.15	302,301,333	0.0	0.0	0.0	0,0,0
13007	0.11	0.24	0.14	316,315,333	0.0	0.0	0.0	0,0,0
13008	0.11	0.24	0.14	316,315,333	0.0	0.0	0.0	0,0,0
13009	0.10	0.22	0.12	302,315,333	0.0	0.0	0.0	0,0,0
13010	0.08	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
13011	0.06	0.13	0.08	301,302,333	0.0	0.0	0.0	0,0,0
13012	0.04	0.09	0.05	302,302,333	0.0	0.0	0.0	0,0,0
13013	0.04	0.09	0.05	316,316,334	0.0	0.0	0.0	0,0,0
13014	0.08	0.22	0.10	308,316,334	0.0	0.0	0.0	0,0,0
13423	0.31	0.65	0.39	302,302,333	0.28	0.26	0.26	302,323,333
13424	0.25	0.55	0.31	302,301,333	0.24	0.0	0.0	301,0,0
13425	0.26	0.58	0.33	302,301,333	0.25	0.24	0.23	301,323,333
13426	0.27	0.59	0.33	302,301,333	0.25	0.24	0.24	301,323,333
13427	0.26	0.59	0.33	302,301,333	0.25	0.24	0.23	301,323,333
13428	0.26	0.57	0.32	302,301,333	0.25	0.23	0.23	301,323,333
13429	0.24	0.54	0.30	302,301,333	0.23	0.0	0.0	301,0,0
13430	0.27	0.60	0.34	302,301,333	0.26	0.25	0.24	301,323,333
13431	0.21	0.46	0.25	302,301,333	0.0	0.0	0.0	0,0,0
13432	0.18	0.41	0.22	302,301,333	0.0	0.0	0.0	0,0,0
13433	0.16	0.37	0.20	302,301,333	0.0	0.0	0.0	0,0,0
13434	0.26	0.58	0.33	316,315,333	0.25	0.23	0.23	315,323,333
13435	0.16	0.36	0.20	302,301,333	0.0	0.0	0.0	0,0,0
13438	0.16	0.36	0.20	302,301,333	0.0	0.0	0.0	0,0,0
13440	0.32	0.69	0.40	302,301,333	0.29	0.30	0.29	301,323,333
13441	0.22	0.49	0.28	302,301,333	0.0	0.0	0.0	0,0,0
13442	0.25	0.55	0.31	302,301,333	0.24	0.0	0.0	301,0,0
13443	0.17	0.39	0.21	302,301,333	0.0	0.0	0.0	0,0,0
13444	0.19	0.43	0.24	302,301,333	0.0	0.0	0.0	0,0,0
13445	0.26	0.58	0.32	302,301,333	0.25	0.24	0.23	301,323,333
13446	0.26	0.58	0.32	302,301,333	0.25	0.23	0.23	301,323,333
13447	0.25	0.55	0.31	302,301,333	0.24	0.0	0.0	301,0,0
13448	0.23	0.51	0.28	302,301,333	0.0	0.0	0.0	0,0,0
13449	0.27	0.59	0.33	302,301,333	0.25	0.24	0.24	301,323,333
13450	0.26	0.58	0.33	302,301,333	0.25	0.24	0.23	301,323,333
13451	0.25	0.56	0.31	302,301,333	0.24	0.0	0.0	301,0,0
13452	0.23	0.52	0.28	302,301,333	0.0	0.0	0.0	0,0,0
13453	0.17	0.39	0.21	302,301,333	0.0	0.0	0.0	0,0,0
13454	0.19	0.43	0.24	302,301,333	0.0	0.0	0.0	0,0,0
13455	0.23	0.50	0.28	316,301,333	0.0	0.0	0.0	0,0,0
13456	0.20	0.46	0.25	302,301,333	0.0	0.0	0.0	0,0,0
13457	0.18	0.41	0.22	302,301,333	0.0	0.0	0.0	0,0,0
13458	0.16	0.37	0.20	302,301,333	0.0	0.0	0.0	0,0,0
13459	0.27	0.59	0.33	302,301,333	0.25	0.24	0.24	301,323,333
13460	0.28	0.61	0.35	316,315,333	0.26	0.25	0.24	315,323,333

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13461	0.28	0.61	0.35	302,301,333	0.26	0.25	0.24	301,323,333
13462	0.30	0.63	0.37	308,315,334	0.27	0.26	0.25	315,327,334
13463	0.28	0.62	0.35	302,301,333	0.26	0.25	0.25	301,323,333
13464	0.30	0.63	0.37	308,315,334	0.27	0.26	0.25	301,327,334
13465	0.29	0.63	0.37	302,315,333	0.27	0.26	0.25	315,323,334
13466	0.29	0.63	0.36	308,315,334	0.27	0.25	0.25	315,327,334
13467	0.28	0.60	0.34	302,315,333	0.26	0.24	0.24	315,323,333
13468	0.30	0.66	0.38	315,315,334	0.28	0.27	0.27	315,327,334
13469	0.24	0.52	0.30	302,302,333	0.0	0.0	0.0	0,0,0
13470	0.27	0.59	0.34	302,301,333	0.25	0.24	0.24	301,323,333
13471	0.28	0.62	0.35	302,301,333	0.27	0.25	0.25	301,323,333
13472	0.28	0.62	0.35	302,301,333	0.26	0.25	0.25	301,323,333
13474	0.15	0.30	0.19	302,302,333	0.0	0.0	0.0	0,0,0
13475	0.17	0.33	0.21	302,302,333	0.0	0.0	0.0	0,0,0
13476	0.21	0.42	0.27	302,302,333	0.0	0.0	0.0	0,0,0
13478	0.16	0.31	0.19	301,302,333	0.0	0.0	0.0	0,0,0
13479	0.20	0.42	0.25	302,302,333	0.0	0.0	0.0	0,0,0
13480	0.24	0.52	0.30	302,302,333	0.0	0.0	0.0	0,0,0
13481	0.20	0.42	0.25	301,302,333	0.0	0.0	0.0	0,0,0
13482	0.15	0.32	0.19	302,302,333	0.0	0.0	0.0	0,0,0
13483	0.20	0.43	0.26	302,302,333	0.0	0.0	0.0	0,0,0
13484	0.24	0.52	0.31	302,302,333	0.22	0.0	0.0	302,0,0
13485	0.18	0.37	0.22	302,302,333	0.0	0.0	0.0	0,0,0
13486	0.20	0.43	0.26	302,302,333	0.0	0.0	0.0	0,0,0
13487	0.25	0.53	0.31	302,302,333	0.23	0.0	0.0	302,0,0
13488	0.18	0.38	0.22	302,302,333	0.0	0.0	0.0	0,0,0
13489	0.19	0.41	0.24	302,302,333	0.0	0.0	0.0	0,0,0
13490	0.21	0.45	0.26	302,302,333	0.0	0.0	0.0	0,0,0
13491	0.26	0.56	0.32	302,301,333	0.24	0.23	0.0	301,323,0
13492	0.21	0.44	0.26	302,302,333	0.0	0.0	0.0	0,0,0
13493	0.22	0.48	0.28	302,302,333	0.0	0.0	0.0	0,0,0
13494	0.26	0.57	0.33	302,301,333	0.25	0.23	0.23	301,323,333
13495	0.21	0.44	0.26	302,302,333	0.0	0.0	0.0	0,0,0
13496	0.22	0.48	0.28	302,302,333	0.0	0.0	0.0	0,0,0
13497	0.26	0.57	0.33	302,301,333	0.25	0.23	0.23	301,323,333
13498	0.21	0.44	0.25	302,302,333	0.0	0.0	0.0	0,0,0
13499	0.22	0.48	0.27	302,301,333	0.0	0.0	0.0	0,0,0
13500	0.26	0.57	0.32	302,301,333	0.24	0.23	0.23	301,323,333
13501	0.24	0.54	0.30	302,301,333	0.23	0.0	0.0	301,0,0
13502	0.19	0.41	0.24	302,302,333	0.0	0.0	0.0	0,0,0
13503	0.21	0.45	0.25	302,301,333	0.0	0.0	0.0	0,0,0
13504	0.18	0.38	0.22	302,301,333	0.0	0.0	0.0	0,0,0
13505	0.22	0.49	0.27	302,301,333	0.0	0.0	0.0	0,0,0
13506	0.15	0.33	0.19	302,301,333	0.0	0.0	0.0	0,0,0
13507	0.19	0.42	0.23	302,301,333	0.0	0.0	0.0	0,0,0
13508	0.12	0.27	0.15	302,301,333	0.0	0.0	0.0	0,0,0
13509	0.16	0.35	0.19	302,301,333	0.0	0.0	0.0	0,0,0
13510	0.09	0.19	0.10	302,301,333	0.0	0.0	0.0	0,0,0
13511	0.13	0.29	0.16	302,301,333	0.0	0.0	0.0	0,0,0
13512	0.09	0.20	0.11	316,315,334	0.0	0.0	0.0	0,0,0
13513	0.12	0.28	0.15	302,301,333	0.0	0.0	0.0	0,0,0
13514	0.12	0.26	0.15	316,315,334	0.0	0.0	0.0	0,0,0
13515	0.15	0.33	0.18	316,315,333	0.0	0.0	0.0	0,0,0
13516	0.18	0.40	0.22	316,315,333	0.0	0.0	0.0	0,0,0
13517	0.14	0.31	0.18	315,315,334	0.0	0.0	0.0	0,0,0
13518	0.22	0.49	0.27	316,315,333	0.0	0.0	0.0	0,0,0
13519	0.26	0.57	0.32	316,315,333	0.24	0.23	0.23	315,323,333
13520	0.40	0.76	0.50	315,315,334	0.32	0.34	0.34	315,327,334
13521	0.39	0.76	0.49	315,315,334	0.29	0.33	0.32	315,327,334
13522	0.26	0.57	0.33	315,315,334	0.24	0.23	0.23	315,327,334
13523	0.23	0.51	0.30	315,315,334	0.0	0.0	0.0	0,0,0
13524	0.26	0.57	0.32	308,308,334	0.24	0.23	0.23	308,327,334
13525	0.29	0.63	0.37	302,315,333	0.27	0.25	0.25	315,323,333
13526	0.30	0.63	0.37	302,315,333	0.27	0.26	0.25	315,323,333
13527	0.29	0.63	0.36	302,315,333	0.27	0.25	0.25	315,323,333
13528	0.29	0.63	0.36	302,315,333	0.27	0.25	0.25	315,323,333
13529	0.12	0.27	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13530	0.33	0.68	0.41	315,315,334	0.29	0.29	0.28	315,327,334
13531	0.06	0.14	0.08	320,320,334	0.0	0.0	0.0	0,0,0
15721	0.11	0.26	0.13	316,316,334	0.0	0.0	0.0	0,0,0
15722	0.07	0.14	0.08	316,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15723	0.09	0.16	0.10	316,316,334	0.0	0.0	0.0	0,0,0
15724	0.05	0.12	0.07	308,308,334	0.0	0.0	0.0	0,0,0
15725	0.03	0.07	0.04	308,314,334	0.0	0.0	0.0	0,0,0
15901	0.03	0.06	0.04	302,302,333	0.0	0.0	0.0	0,0,0
15902	0.06	0.13	0.07	302,302,333	0.0	0.0	0.0	0,0,0
15903	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
15904	0.05	0.10	0.06	302,302,333	0.0	0.0	0.0	0,0,0
15905	0.06	0.12	0.07	302,302,333	0.0	0.0	0.0	0,0,0
15952	0.09	0.18	0.11	302,302,333	0.0	0.0	0.0	0,0,0
15953	0.04	0.09	0.05	316,315,334	0.0	0.0	0.0	0,0,0
15954	0.03	0.07	0.04	302,315,333	0.0	0.0	0.0	0,0,0
15955	0.07	0.14	0.08	308,302,334	0.0	0.0	0.0	0,0,0
15956	0.07	0.14	0.08	302,302,333	0.0	0.0	0.0	0,0,0
16401	0.18	0.43	0.22	316,316,334	0.0	0.0	0.0	0,0,0
16402	0.02	0.05	0.02	314,314,334	0.0	0.0	0.0	0,0,0
16403	0.03	0.08	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16404	0.08	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
16405	0.15	0.33	0.18	301,301,333	0.0	0.0	0.0	0,0,0
16406	0.14	0.34	0.16	316,316,334	0.0	0.0	0.0	0,0,0
16407	0.12	0.21	0.13	315,302,334	0.0	0.0	0.0	0,0,0
16408	0.05	0.11	0.06	302,302,333	0.0	0.0	0.0	0,0,0
16409	0.04	0.08	0.05	308,315,334	0.0	0.0	0.0	0,0,0
16410	0.03	0.06	0.04	308,308,334	0.0	0.0	0.0	0,0,0
16411	0.05	0.11	0.06	302,302,333	0.0	0.0	0.0	0,0,0
16412	0.05	0.10	0.06	308,307,334	0.0	0.0	0.0	0,0,0
16413	0.08	0.20	0.09	316,316,334	0.0	0.0	0.0	0,0,0
16414	0.13	0.33	0.15	316,316,334	0.0	0.0	0.0	0,0,0
16580	0.05	0.12	0.05	321,314,334	0.0	0.0	0.0	0,0,0
16581	0.10	0.25	0.12	315,322,334	0.0	0.0	0.0	0,0,0
16594	0.39	0.68	0.47	302,302,333	0.28	0.28	0.27	306,326,333
16595	0.21	0.41	0.26	315,302,333	0.0	0.0	0.0	0,0,0
16596	0.30	0.64	0.38	302,302,333	0.27	0.26	0.25	302,323,333
16604	0.06	0.12	0.07	321,322,334	0.0	0.0	0.0	0,0,0
16605	0.12	0.28	0.15	315,322,334	0.0	0.0	0.0	0,0,0
16813	0.44	0.72	0.53	316,316,334	0.30	0.23	0.23	316,323,333
16814	0.38	0.76	0.47	316,316,334	0.29	0.29	0.28	316,327,334
16815	0.40	0.72	0.48	316,316,334	0.26	0.27	0.26	316,327,334
16816	0.56	0.78	0.67	308,308,334	0.30	0.29	0.28	308,327,334
16817	0.15	0.36	0.18	316,316,334	0.0	0.0	0.0	0,0,0
16818	0.27	0.73	0.32	316,308,334	0.0	0.0	0.0	0,0,0
16900	0.15	0.28	0.19	307,315,334	0.0	0.0	0.0	0,0,0
16901	0.15	0.28	0.19	307,315,334	0.0	0.0	0.0	0,0,0
16902	0.14	0.27	0.17	307,308,334	0.0	0.0	0.0	0,0,0
16903	0.15	0.27	0.18	307,307,334	0.0	0.0	0.0	0,0,0
16904	0.13	0.24	0.16	307,315,334	0.0	0.0	0.0	0,0,0
16905	0.13	0.24	0.16	307,307,334	0.0	0.0	0.0	0,0,0
16906	0.10	0.19	0.13	307,307,334	0.0	0.0	0.0	0,0,0
16907	0.10	0.19	0.13	307,307,334	0.0	0.0	0.0	0,0,0
16908	0.06	0.12	0.08	307,308,334	0.0	0.0	0.0	0,0,0
16909	0.06	0.10	0.07	307,307,334	0.0	0.0	0.0	0,0,0
17033	0.23	0.49	0.28	316,316,333	0.0	0.0	0.0	0,0,0
17034	0.26	0.55	0.32	316,316,333	0.23	0.0	0.0	316,0,0
17035	0.34	0.65	0.42	316,315,333	0.27	0.27	0.26	316,323,333
17036	0.29	0.57	0.36	316,315,334	0.24	0.22	0.22	315,327,334
17037	0.23	0.51	0.28	316,316,333	0.0	0.0	0.0	0,0,0
17038	0.16	0.35	0.19	316,316,333	0.0	0.0	0.0	0,0,0
17039	0.13	0.28	0.16	316,316,333	0.0	0.0	0.0	0,0,0
17040	0.13	0.28	0.16	316,316,333	0.0	0.0	0.0	0,0,0
17041	0.09	0.19	0.12	316,315,334	0.0	0.0	0.0	0,0,0
Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.80	0.80	0.99		0.46	0.35	0.34	

VERIFICA SOLAIO P3

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata.*

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV,** il rapporto x/d, la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento,* riportando in tabella il rapporto x/d, la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattorei di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione "*Singolo Elemento …*" è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento
Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO

Per gli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*" è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Per le verifiche degli elementi con progettazione "*Singolo Elemento …*" e *Progettazione Composta* è presente una tabella

con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e\o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e\o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria
V sec-	Verifica dell'armatura nella direzione secondaria

Per le verifiche degli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*", oltre alla tabella con le verifiche per gli elementi con progettazione "*Singolo Elemento …*", è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]

A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato Ned/(bw fyd)

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armatura in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armatura in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:
"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
4	34.00	162	7	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
362	ok	0.0	0.3	1.69e-02	9.1	9.1	9.1	9.1	4.1	4.36e-02	0.8	-5.6	-0.5	18.6
363	ok	0.0	0.4	7.52e-03	9.1	9.1	9.1	9.1	-15.2	-3.50e-02	0.8	-13.2	-30.4	10.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
364	ok	0.0	0.3	1.25e-02	9.1	9.1	9.1	9.1	-15.3	0.3	0.2	-10.0	-0.3	18.8
365	ok	0.0	0.3	1.77e-02	9.1	9.1	9.1	9.1	8.6	-0.5	2.0	-9.1	-7.0	17.0
366	ok	0.0	0.4	1.65e-02	9.1	9.1	9.1	9.1	2.7	0.5	2.9	10.4	3.0	24.5
367	ok	0.0	0.3	1.20e-02	9.1	9.1	9.1	9.1	-15.5	-1.8	1.6	-10.2	-6.6	23.6
368	ok	0.0	0.4	1.10e-02	9.1	9.1	9.1	9.1	-15.9	-0.2	1.6	-10.4	-18.8	21.7
369	ok	0.0	0.4	9.00e-03	9.1	9.1	9.1	9.1	-14.2	0.3	1.8	-10.8	-30.1	17.0
370	ok	0.0	0.5	8.28e-03	9.1	9.1	9.1	9.1	-8.6	1.6	-8.45e-02	48.3	-1.9	8.0
371	ok	0.0	0.4	7.45e-03	9.1	9.1	9.1	9.1	-7.0	0.4	-3.6	27.7	6.0	-6.7
372	ok	0.0	0.2	7.32e-03	9.1	9.1	9.1	9.1	-10.6	-0.6	-0.6	3.9	-18.5	2.4
373	ok	0.0	0.3	6.20e-03	9.1	9.1	9.1	9.1	-15.9	-7.71e-02	-0.4	-12.7	-28.9	1.5
374	ok	0.0	0.2	7.67e-03	9.1	9.1	9.1	9.1	-16.0	-2.0	-0.2	-14.0	0.2	-11.9
375	ok	0.0	0.3	1.62e-02	9.1	9.1	9.1	9.1	1.1	-1.4	3.8	-5.4	-13.7	15.6
376	ok	0.0	0.3	1.30e-02	9.1	9.1	9.1	9.1	-1.7	-2.0	6.1	-2.0	-17.7	13.7
377	ok	0.0	0.4	2.06e-02	9.1	9.1	9.1	9.1	-73.9	-1.4	-6.3	6.3	5.9	14.5
378	ok	0.0	0.3	1.82e-02	9.1	9.1	9.1	9.1	-3.7	-5.8	-4.8	5.2	5.9	11.5
379	ok	0.0	0.3	1.40e-02	9.1	9.1	9.1	9.1	1.32e-02	-0.4	4.8	5.2	-14.4	21.4
380	ok	0.0	0.3	8.45e-03	9.1	9.1	9.1	9.1	-4.8	-1.8	-2.3	15.9	3.3	-10.5
381	ok	0.0	0.3	7.45e-03	9.1	9.1	9.1	9.1	-16.9	-1.8	-1.8	-16.8	-2.1	-14.6
382	ok	0.0	0.3	6.61e-03	9.1	9.1	9.1	9.1	-17.9	-0.4	-1.4	-19.9	-12.6	-12.3
383	ok	0.0	0.3	5.52e-03	9.1	9.1	9.1	9.1	-16.4	0.2	-1.1	-22.1	-24.3	-7.6
384	ok	0.0	0.3	7.82e-03	9.1	9.1	9.1	9.1	-5.9	3.8	-5.5	12.1	4.1	-15.9
385	ok	0.0	0.2	7.04e-03	9.1	9.1	9.1	9.1	-17.1	-0.7	-1.1	-7.5	-14.7	-9.3
386	ok	0.0	0.3	5.80e-03	9.1	9.1	9.1	9.1	-16.1	-1.62e-02	-0.7	-16.4	-26.9	-4.0
387	ok	0.0	0.3	6.67e-03	9.1	9.1	9.1	9.1	-13.6	2.07e-02	-0.5	-26.1	-0.2	-12.2
388	ok	0.0	0.5	6.60e-03	9.1	9.1	9.1	9.1	3.8	1.0	-0.3	20.1	8.1	-26.9
389	ok	0.0	0.4	4.88e-03	9.1	9.1	9.1	9.1	-17.1	0.7	-2.0	-27.4	-19.8	-11.1
390	ok	0.0	0.4	5.85e-03	9.1	9.1	9.1	9.1	-17.9	0.3	-1.9	-28.7	-10.5	-13.2
391	ok	0.0	0.4	6.37e-03	9.1	9.1	9.1	9.1	-15.9	0.1	-1.4	-27.0	-3.4	-14.6
392	ok	0.0	0.5	5.60e-03	9.1	9.1	9.1	9.1	-17.5	0.8	-0.4	23.5	7.8	-25.8
393	ok	0.0	0.6	4.98e-03	9.1	9.1	9.1	9.1	3.2	-0.3	0.2	46.4	-3.3	-24.4
394	ok	0.0	0.3	6.31e-03	9.1	9.1	9.1	9.1	-14.2	0.4	-0.7	-18.8	0.3	-12.4
395	ok	0.0	0.3	9.65e-03	9.1	9.1	9.1	9.1	-17.8	0.2	5.30e-02	-16.6	-7.0	10.7
396	ok	0.0	0.6	4.98e-03	9.1	9.1	9.1	9.1	1.0	-0.4	-5.4	18.2	14.0	-34.9
397	ok	0.0	0.5	4.57e-03	9.1	9.1	9.1	9.1	-4.9	2.9	-3.1	8.5	-2.1	-37.2
398	ok	0.0	0.4	4.02e-03	9.1	9.1	9.1	9.1	-12.9	1.0	-5.4	-11.9	-15.7	-27.3
399	ok	0.0	0.6	4.51e-03	9.1	9.1	9.1	9.1	-2.0	0.4	-2.3	26.1	7.6	-33.2
400	ok	0.0	0.4	4.89e-03	9.1	9.1	9.1	9.1	-3.7	2.5	-2.2	8.0	-4.5	-31.8
401	ok	0.0	0.4	4.17e-03	9.1	9.1	9.1	9.1	-17.9	0.9	-3.5	-17.7	-16.5	-20.0
402	ok	0.0	0.3	5.39e-03	9.1	9.1	9.1	9.1	-17.3	-2.14e-02	-2.3	-23.3	-9.4	-14.1
403	ok	0.0	0.4	4.58e-03	9.1	9.1	9.1	9.1	-17.3	0.8	-2.5	-24.6	-18.7	-12.8
404	ok	0.0	0.3	7.12e-03	9.1	9.1	9.1	9.1	-14.9	-0.3	-0.4	-25.3	-0.3	-12.5
405	ok	0.0	0.4	6.87e-03	9.1	9.1	9.1	9.1	-16.7	8.29e-02	-1.2	-26.2	-4.0	-14.4
406	ok	0.0	0.4	6.26e-03	9.1	9.1	9.1	9.1	-18.2	0.1	-1.7	-27.9	-11.8	-13.0
407	ok	0.0	0.4	5.20e-03	9.1	9.1	9.1	9.1	-16.7	0.4	-1.5	-26.5	-22.0	-9.6
408	ok	0.0	0.2	1.03e-02	9.1	9.1	9.1	9.1	-17.6	-0.7	0.1	-12.3	-6.6	9.1
409	ok	0.0	0.3	8.40e-03	9.1	9.1	9.1	9.1	-17.9	-0.4	0.3	-15.7	-16.6	12.0
410	ok	0.0	0.3	8.78e-03	9.1	9.1	9.1	9.1	-17.9	-0.2	0.4	-16.7	-17.4	10.8
411	ok	0.0	0.3	9.19e-03	9.1	9.1	9.1	9.1	-17.4	-0.4	0.4	-12.8	-18.1	9.5
412	ok	0.0	0.5	5.98e-03	9.1	9.1	9.1	9.1	-0.6	2.9	-0.4	15.8	6.2	-23.0
413	ok	0.0	0.3	4.90e-03	9.1	9.1	9.1	9.1	-16.1	-0.3	-3.0	-14.2	-9.5	-17.3
414	ok	0.0	0.4	4.36e-03	9.1	9.1	9.1	9.1	-17.6	0.8	-3.0	-20.4	-17.8	-16.2
415	ok	0.0	0.3	5.96e-03	9.1	9.1	9.1	9.1	-15.2	-0.6	-1.5	-20.1	-1.2	-15.0
416	ok	0.0	0.2	1.31e-02	9.1	9.1	9.1	9.1	-27.6	5.6	8.4	7.4	-5.8	6.4
417	ok	0.0	0.3	1.57e-02	9.1	9.1	9.1	9.1	-1.0	-0.7	4.4	-6.0	-14.0	19.0
418	ok	0.0	0.3	2.06e-02	9.1	9.1	9.1	9.1	13.8	-7.22e-02	4.71e-02	-9.5	-0.8	11.0
419	ok	0.0	0.4	1.17e-02	9.1	9.1	9.1	9.1	-6.3	0.4	5.2	-1.9	-22.7	17.0
420	ok	0.0	0.3	1.71e-02	9.1	9.1	9.1	9.1	-0.6	-3.4	1.6	5.7	-13.3	6.1
421	ok	0.0	0.3	1.26e-02	9.1	9.1	9.1	9.1	-3.8	-0.9	6.2	-3.5	-18.8	16.2
422	ok	0.0	0.2	1.34e-02	9.1	9.1	9.1	9.1	-4.2	-3.6	5.1	3.6	-17.3	8.1
423	ok	0.0	0.3	1.66e-02	9.1	9.1	9.1	9.1	7.5	-2.0	3.0	-3.9	-12.2	12.4
424	ok	0.0	0.3	1.81e-02	9.1	9.1	9.1	9.1	10.1	-0.8	1.1	-7.0	-6.5	13.3
425	ok	0.0	0.3	1.86e-02	9.1	9.1	9.1	9.1	12.7	-7.20e-03	0.6	-11.9	-0.8	13.7
426	ok	0.0	0.2	1.39e-02	9.1	9.1	9.1	9.1	-1.3	-3.9	4.4	6.8	-16.8	6.0
427	ok	0.0	0.9	2.21e-02	9.9	10.2	9.1	9.1	-115.8	-57.2	2.0	63.4	27.5	22.2
428	ok	0.0	0.4	1.82e-02	9.1	9.1	9.1	9.1	-3.7	-11.9	-8.0	15.2	13.8	13.1
429	ok	0.0	0.3	1.64e-02	9.1	9.1	9.1	9.1	0.6	-0.2	2.9	-4.7	-6.1	23.3
430	ok	0.0	0.3	1.76e-02	9.1	9.1	9.1	9.1	1.2	-3.8	1.7	8.5	-12.8	6.1
431	ok	0.0	0.2	1.43e-02	9.1	9.1	9.1	9.1	0.5	-3.3	4.4	7.8	-16.0	5.0
432	ok	0.0	0.3	1.72e-02	9.1	9.1	9.1	9.1	4.7	-0.5	0.7	10.4	3.2	16.0
433	ok	0.0	0.4	1.70e-02	9.1	9.1	9.1	9.1	2.5	-0.3	2.5	-8.7	-7.4	20.2
603	ok	0.0	0.4	1.27e-02	9.1	9.1	9.1	9.1	-0.7	-1.1	1.3	23.2	-6.2	21.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
604	ok	0.0	0.4	4.64e-03	9.1	9.1	9.1	9.1	9.1	-0.4	-1.5	-8.4	-0.3	-33.8
605	ok	0.0	0.3	1.30e-02	9.1	9.1	9.1	9.1	-12.4	-2.71e-02	2.9	-5.0	-17.0	11.7
606	ok	0.0	0.3	1.38e-02	9.1	9.1	9.1	9.1	-0.8	-0.3	3.3	7.1	-16.9	17.0
607	ok	0.0	0.5	4.64e-03	9.1	9.1	9.1	9.1	5.12e-02	0.3	-5.1	-9.3	-1.3	-40.8
608	ok	0.0	0.5	4.22e-03	9.1	9.1	9.1	9.1	-8.5	0.5	-6.7	-11.2	-6.1	-39.1
609	ok	0.0	0.5	3.99e-03	9.1	9.1	9.1	9.1	-13.9	0.8	-6.3	-12.8	-11.3	-32.4
610	ok	0.0	0.5	3.73e-03	9.1	9.1	9.1	9.1	14.6	-1.35e-02	-1.7	-14.3	-0.5	-32.8
611	ok	0.0	0.6	3.92e-03	9.1	9.1	9.1	9.1	2.7	0.2	-5.4	-13.3	-3.3	-40.9
612	ok	0.0	0.5	3.92e-03	9.1	9.1	9.1	9.1	-8.2	-5.38e-03	-6.7	-12.4	-5.9	-39.1
613	ok	0.0	0.5	4.13e-03	9.1	9.1	9.1	9.1	-14.7	-0.3	-6.5	-10.6	-7.7	-33.9
614	ok	0.0	0.5	3.16e-03	9.1	9.1	9.1	9.1	-4.8	0.9	-2.3	-11.6	-1.5	-34.9
615	ok	0.0	0.3	1.09e-02	9.1	9.1	9.1	9.1	-12.8	0.8	3.7	-7.9	-25.0	11.4
616	ok	0.0	0.4	1.13e-02	9.1	9.1	9.1	9.1	-12.2	0.7	4.3	-5.0	-24.3	12.9
617	ok	0.0	0.3	1.31e-02	9.1	9.1	9.1	9.1	-14.2	-0.2	0.2	-20.1	-0.9	17.4
618	ok	0.0	0.3	1.38e-02	9.1	9.1	9.1	9.1	-13.1	2.43e-02	0.4	-22.8	-1.0	13.8
619	ok	0.0	0.4	1.26e-02	9.1	9.1	9.1	9.1	-15.2	2.14e-02	1.3	-18.2	-8.4	21.2
620	ok	0.0	0.4	1.17e-02	9.1	9.1	9.1	9.1	-15.7	0.1	1.9	-16.7	-18.6	19.5
621	ok	0.0	0.4	9.46e-03	9.1	9.1	9.1	9.1	-14.0	0.4	2.2	-13.8	-28.5	16.0
622	ok	0.0	0.6	3.55e-03	9.1	9.1	9.1	9.1	3.7	0.3	-5.6	-12.8	-4.1	-40.0
623	ok	0.0	0.5	3.82e-03	9.1	9.1	9.1	9.1	-8.0	-0.8	-6.4	-11.0	-6.2	-38.5
624	ok	0.0	0.4	4.35e-03	9.1	9.1	9.1	9.1	-14.9	-1.5	-6.3	-8.1	-6.2	-33.6
625	ok	0.0	0.5	1.90e-03	9.1	9.1	9.1	9.1	11.1	0.9	-1.7	-14.8	-2.6	-30.5
626	ok	0.0	0.5	3.00e-03	9.1	9.1	9.1	9.1	9.7	3.8	-9.3	-10.6	-7.1	-38.0
627	ok	0.0	0.5	4.47e-03	9.1	9.1	9.1	9.1	0.3	1.6	-9.6	-7.4	-7.8	-37.8
628	ok	0.0	0.5	6.01e-03	9.1	9.1	9.1	9.1	-11.8	19.2	-23.6	9.8	1.5	-34.5
629	ok	0.0	0.4	6.87e-03	9.1	9.1	9.1	9.1	-15.6	-0.1	0.4	-15.9	-29.0	10.6
630	ok	0.0	0.4	1.34e-02	9.1	9.1	9.1	9.1	-14.1	0.1	1.3	-20.5	-8.9	16.7
631	ok	0.0	0.4	1.23e-02	9.1	9.1	9.1	9.1	-15.0	0.3	2.1	-18.4	-18.0	15.7
632	ok	0.0	0.4	9.97e-03	9.1	9.1	9.1	9.1	-13.7	0.6	2.6	-14.7	-26.8	13.4
633	ok	0.0	0.2	1.29e-02	9.1	9.1	9.1	9.1	-12.8	0.9	-3.5	2.2	3.7	16.4
634	ok	0.0	0.2	1.12e-02	9.1	9.1	9.1	9.1	-14.7	-4.8	1.1	1.8	6.3	10.3
635	ok	0.0	0.4	8.69e-03	9.1	9.1	9.1	9.1	-14.4	0.2	1.6	-8.4	-31.2	16.7
636	ok	0.0	0.4	7.19e-03	9.1	9.1	9.1	9.1	-15.4	-7.83e-02	0.6	-15.8	-29.4	10.5
637	ok	0.0	0.4	1.03e-02	9.1	9.1	9.1	9.1	-15.6	-0.3	1.7	-4.0	-19.6	21.8
638	ok	0.0	0.3	1.23e-02	9.1	9.1	9.1	9.1	-17.4	-4.8	-2.8	-2.6	-5.3	25.0
639	ok	0.0	0.5	1.07e-02	9.1	9.1	9.1	9.1	-16.2	2.0	-0.5	37.0	-1.7	18.9
640	ok	0.0	0.2	1.06e-02	9.1	9.1	9.1	9.1	-8.9	-2.4	-0.4	4.1	2.9	8.9
641	ok	0.0	0.3	9.54e-03	9.1	9.1	9.1	9.1	-16.5	-0.4	0.5	-4.3	-19.2	9.4
642	ok	0.0	0.4	7.93e-03	9.1	9.1	9.1	9.1	-14.9	5.02e-02	1.0	-9.2	-31.6	11.0
643	ok	0.0	0.3	5.48e-03	9.1	9.1	9.1	9.1	-25.9	13.2	0.6	-10.0	17.6	-22.7
644	ok	0.0	0.5	4.88e-03	9.1	9.1	9.1	9.1	-13.3	9.9	-7.5	-0.3	7.1	-37.5
645	ok	0.0	0.5	5.33e-03	9.1	9.1	9.1	9.1	-19.0	11.9	-6.3	1.0	14.6	-36.0
646	ok	0.0	0.4	9.66e-03	9.1	9.1	9.1	9.1	-16.2	-0.2	-7.58e-02	22.0	-6.1	21.7
647	ok	0.0	0.3	1.50e-02	9.1	9.1	9.1	9.1	-2.7	-0.3	4.6	-3.5	-14.2	21.6
648	ok	0.0	0.3	1.21e-02	9.1	9.1	9.1	9.1	-5.3	-2.67e-02	5.8	-3.3	-20.5	17.5
649	ok	0.0	0.5	5.75e-03	9.1	9.1	9.1	9.1	-25.5	14.4	-5.4	-0.5	21.3	-32.1
650	ok	0.0	0.4	6.07e-03	9.1	9.1	9.1	9.1	-33.3	14.9	4.5	-5.8	24.2	-24.9
651	ok	0.0	0.6	7.07e-03	9.1	9.1	9.1	9.1	-17.7	26.0	-24.9	16.3	9.2	-35.5
652	ok	0.0	0.7	7.52e-03	9.1	9.1	9.1	9.1	-22.0	22.6	-9.3	19.6	23.7	-41.9
653	ok	0.0	0.9	7.97e-03	9.1	9.1	9.1	9.3	-34.6	27.3	-4.7	24.9	43.7	-43.4
654	ok	0.0	0.3	1.01e-02	9.1	9.1	9.1	9.1	-9.4	-0.2	1.2	3.3	-22.1	16.4
655	ok	0.0	0.4	8.34e-03	9.1	9.1	9.1	9.1	-14.6	0.1	1.3	-6.3	-32.5	13.9
656	ok	0.0	0.2	9.38e-03	9.1	9.1	9.1	9.1	-29.9	-5.2	-0.6	-10.2	2.8	9.1
657	ok	0.0	0.2	1.05e-02	9.1	9.1	9.1	9.1	-16.8	0.4	0.3	-11.9	-0.4	7.6
658	ok	0.0	0.3	9.91e-03	9.1	9.1	9.1	9.1	-16.9	-0.1	0.2	-17.0	-0.6	8.6
659	ok	0.0	0.2	9.50e-03	9.1	9.1	9.1	9.1	-17.0	0.3	-0.2	-14.1	-0.4	9.4
660	ok	0.0	0.2	8.93e-03	9.1	9.1	9.1	9.1	-9.1	-1.6	2.8	-8.8	-3.6	14.6
661	ok	0.0	0.3	1.47e-02	9.1	9.1	9.1	9.1	-11.7	0.2	0.6	-15.1	-0.6	10.7
662	ok	0.0	0.5	1.39e-02	9.1	9.1	9.1	9.1	1.4	-3.30e-02	-0.8	34.9	-1.7	18.5
663	ok	0.0	0.8	8.71e-03	9.1	9.1	9.1	10.2	-49.9	27.1	14.3	19.5	58.7	-36.7
664	ok	0.0	0.6	9.64e-03	9.1	9.1	9.1	9.1	-25.3	-10.1	-4.6	35.3	7.7	-26.5
665	ok	0.0	0.3	7.84e-03	9.1	9.1	9.1	9.1	-17.6	-0.4	0.3	-9.3	-15.9	11.9
666	ok	0.0	0.4	6.58e-03	9.1	9.1	9.1	9.1	-15.7	-0.1	0.2	-14.0	-29.0	9.1
667	ok	0.0	0.3	9.18e-03	9.1	9.1	9.1	9.1	-17.9	-0.5	0.2	-14.8	-6.2	12.0
668	ok	0.0	0.3	1.55e-02	9.1	9.1	9.1	9.1	1.8	0.4	0.8	8.1	5.7	12.7
669	ok	0.0	0.3	1.44e-02	9.1	9.1	9.1	9.1	-12.9	-0.3	1.5	-14.1	-7.4	12.9
670	ok	0.0	0.8	1.09e-02	9.1	9.1	9.1	9.1	-19.6	36.7	-9.7	33.0	20.3	-40.1
671	ok	0.0	1.0	1.13e-02	9.1	9.3	9.1	10.3	-44.4	39.5	-4.4	48.6	48.1	-46.7
672	ok	0.0	1.0	1.28e-02	9.1	9.4	9.1	14.3	-74.3	32.5	26.6	52.7	83.8	-48.6
673	ok	0.0	0.6	1.17e-02	9.1	9.1	9.1	9.1	-24.6	-10.3	-4.6	45.4	9.6	-22.9
674	ok	0.0	0.8	1.37e-02	9.1	9.1	9.1	9.1	-27.6	49.4	-24.1	47.7	16.9	-29.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
675	ok	0.0	0.5	4.47e-03	9.1	9.1	9.1	9.1	-21.8	1.5	0.4	-39.1	-38.0	-5.7
676	ok	0.0	0.5	4.31e-03	9.1	9.1	9.1	9.1	-19.6	2.0	0.9	-40.6	-42.8	-4.1
677	ok	0.0	1.0	1.46e-02	9.1	10.3	9.1	10.0	-40.9	55.9	-5.4	59.1	44.6	-45.3
678	ok	0.0	0.2	1.28e-02	9.1	9.1	9.1	9.1	-19.6	2.2	11.4	5.4	-12.3	10.2
679	ok	0.0	0.4	1.11e-02	9.1	9.1	9.1	9.1	-12.5	2.3	5.7	-5.8	-27.4	12.5
680	ok	0.0	0.3	1.09e-02	9.1	9.1	9.1	9.1	-15.4	3.3	5.0	-6.7	-26.5	9.8
681	ok	0.0	0.3	1.04e-02	9.1	9.1	9.1	9.1	-17.8	4.1	3.6	-7.0	-24.0	6.6
682	ok	0.0	0.2	1.10e-02	9.1	9.1	9.1	9.1	-20.0	4.7	4.5	-3.6	-18.8	7.1
683	ok	0.0	0.4	4.29e-03	9.1	9.1	9.1	9.1	-20.6	1.4	-2.3	-27.0	-23.9	-15.2
684	ok	0.0	0.4	4.47e-03	9.1	9.1	9.1	9.1	-19.7	1.3	-1.9	-29.7	-25.9	-12.0
685	ok	0.0	0.3	1.27e-02	9.1	9.1	9.1	9.1	-13.9	0.1	2.5	-13.1	-17.0	12.3
686	ok	0.0	0.4	1.04e-02	9.1	9.1	9.1	9.1	-13.2	0.7	3.2	-11.7	-25.6	11.3
687	ok	0.0	1.0	2.06e-02	9.1	12.7	9.1	16.8	-119.3	34.7	68.3	80.5	97.8	-56.9
688	ok	0.0	0.1	1.03e-02	9.1	9.1	9.1	9.1	3.9	57.1	5.6	-4.77e-02	1.5	-7.3
689	ok	0.0	0.2	1.59e-02	9.1	9.1	9.1	9.1	7.3	101.2	8.5	-0.5	2.5	-9.3
690	ok	0.0	0.4	1.91e-02	9.1	9.1	9.1	9.1	-5.8	103.3	-8.8	1.7	18.8	-15.6
691	ok	0.0	0.9	2.35e-02	9.1	9.1	9.1	11.3	-12.5	-8.1	-22.7	1.5	94.8	-15.8
692	ok	0.0	0.3	1.77e-02	9.1	9.1	9.1	9.1	6.3	-4.30e-02	0.6	-11.1	-0.9	16.4
693	ok	0.0	0.2	1.48e-02	9.1	9.1	9.1	9.1	-4.5	-1.3	1.4	7.5	2.4	12.1
694	ok	0.0	0.3	1.15e-02	9.1	9.1	9.1	9.1	-16.7	3.4	6.3	-3.9	-21.9	10.5
695	ok	0.0	0.3	1.18e-02	9.1	9.1	9.1	9.1	-12.8	2.0	7.0	-3.9	-23.7	13.2
696	ok	0.0	0.4	1.00e-02	9.1	9.1	9.1	9.1	-14.8	1.3	3.4	-12.1	-31.7	10.8
697	ok	0.0	0.5	4.20e-03	9.1	9.1	9.1	9.1	-18.9	2.2	-2.0	-29.0	-30.1	-14.5
698	ok	0.0	0.5	4.08e-03	9.1	9.1	9.1	9.1	-21.1	2.3	-0.4	-33.9	-33.7	-12.1
699	ok	0.0	0.5	3.92e-03	9.1	9.1	9.1	9.1	-22.5	2.0	1.5	-38.1	-36.6	-9.3
700	ok	0.0	0.2	1.23e-02	9.1	9.1	9.1	9.1	-11.7	-0.6	11.0	3.4	-17.0	12.2
701	ok	0.0	0.4	1.09e-02	9.1	9.1	9.1	9.1	-14.6	1.4	4.7	-7.7	-28.3	11.8
702	ok	0.0	0.4	1.05e-02	9.1	9.1	9.1	9.1	-14.7	1.4	4.0	-9.9	-30.1	10.9
703	ok	0.0	0.4	9.66e-03	9.1	9.1	9.1	9.1	-16.2	1.8	3.4	-12.4	-35.0	9.5
704	ok	0.0	0.4	9.23e-03	9.1	9.1	9.1	9.1	-13.2	2.4	3.1	-10.9	-37.2	8.0
705	ok	0.0	0.5	4.36e-03	9.1	9.1	9.1	9.1	-21.6	1.6	-0.9	-34.1	-31.1	-10.4
706	ok	0.0	0.5	4.24e-03	9.1	9.1	9.1	9.1	-19.6	2.2	-0.4	-35.6	-36.8	-9.1
707	ok	0.0	0.5	5.12e-03	9.1	9.1	9.1	9.1	-18.8	0.9	-0.1	-32.2	-39.5	-1.8
708	ok	0.0	0.5	4.07e-03	9.1	9.1	9.1	9.1	-20.9	2.1	1.1	-39.8	-39.9	-6.7
709	ok	0.0	0.4	1.13e-02	9.1	9.1	9.1	9.1	-9.5	1.3	5.7	-4.4	-26.4	14.8
710	ok	0.0	0.4	8.73e-03	9.1	9.1	9.1	9.1	-14.5	2.7	2.5	-10.7	-36.8	5.1
711	ok	0.0	0.4	9.16e-03	9.1	9.1	9.1	9.1	-15.2	3.1	2.8	-10.3	-32.8	5.3
712	ok	0.0	0.4	9.68e-03	9.1	9.1	9.1	9.1	-13.8	2.7	3.6	-9.9	-33.9	8.3
713	ok	0.0	0.4	1.01e-02	9.1	9.1	9.1	9.1	-16.4	2.0	3.9	-10.8	-32.5	9.5
714	ok	0.0	0.5	4.07e-03	9.1	9.1	9.1	9.1	-17.9	1.8	-4.2	-19.4	-20.6	-24.1
715	ok	0.0	0.5	4.13e-03	9.1	9.1	9.1	9.1	-16.8	1.8	-3.8	-21.2	-23.5	-20.2
716	ok	0.0	0.4	1.16e-02	9.1	9.1	9.1	9.1	-9.0	0.8	6.8	-3.6	-23.5	15.5
717	ok	0.0	0.3	9.63e-03	9.1	9.1	9.1	9.1	-16.3	3.6	3.1	-9.1	-28.5	5.9
718	ok	0.0	0.4	1.02e-02	9.1	9.1	9.1	9.1	-14.5	3.0	4.2	-8.5	-30.4	9.0
719	ok	0.0	0.4	1.05e-02	9.1	9.1	9.1	9.1	-12.2	2.2	4.8	-7.4	-30.5	11.4
720	ok	0.0	0.5	9.03e-03	9.1	9.1	9.1	9.1	-15.0	0.8	2.3	-13.5	-36.4	14.1
721	ok	0.0	0.5	4.05e-03	9.1	9.1	9.1	9.1	-21.8	2.2	-2.4	-24.8	-23.8	-20.9
722	ok	0.0	0.5	3.93e-03	9.1	9.1	9.1	9.1	-24.5	2.2	-0.1	-29.3	-26.6	-17.3
723	ok	0.0	0.5	4.96e-03	9.1	9.1	9.1	9.1	-19.7	1.1	0.6	-36.6	-44.1	0.6
724	ok	0.0	0.6	4.78e-03	9.1	9.1	9.1	9.1	-20.3	1.1	1.3	-40.6	-47.2	2.8
725	ok	0.0	0.2	1.21e-02	9.1	9.1	9.1	9.1	-18.2	3.2	8.4	3.90e-02	-17.1	10.6
726	ok	0.0	0.4	9.54e-03	9.1	9.1	9.1	9.1	-14.9	1.0	2.8	-13.9	-33.8	12.2
727	ok	0.0	0.5	8.67e-03	9.1	9.1	9.1	9.1	-15.8	1.1	2.3	-13.1	-41.5	12.1
728	ok	0.0	0.5	8.20e-03	9.1	9.1	9.1	9.1	-16.6	1.4	2.2	-12.3	-44.6	9.9
729	ok	0.0	0.5	4.14e-03	9.1	9.1	9.1	9.1	-26.0	1.7	2.5	-32.9	-29.2	-13.5
730	ok	0.0	0.5	4.07e-03	9.1	9.1	9.1	9.1	-20.2	2.2	-2.2	-27.1	-27.3	-17.7
731	ok	0.0	0.5	3.96e-03	9.1	9.1	9.1	9.1	-22.7	2.3	-0.3	-31.9	-30.4	-14.7
732	ok	0.0	0.2	1.19e-02	9.1	9.1	9.1	9.1	-23.2	5.3	5.9	1.1	-12.8	7.0
733	ok	0.0	0.5	7.77e-03	9.1	9.1	9.1	9.1	-13.4	1.8	2.1	-9.8	-46.4	7.7
734	ok	0.0	0.5	8.26e-03	9.1	9.1	9.1	9.1	-13.8	2.2	2.3	-10.3	-41.8	5.8
735	ok	0.0	0.5	8.72e-03	9.1	9.1	9.1	9.1	-16.9	1.8	2.6	-12.5	-40.6	8.2
736	ok	0.0	0.5	9.18e-03	9.1	9.1	9.1	9.1	-15.9	1.4	2.8	-13.3	-38.2	10.5
737	ok	0.0	0.5	3.85e-03	9.1	9.1	9.1	9.1	-24.2	1.9	1.9	-35.9	-33.2	-11.5
738	ok	0.0	0.5	4.20e-03	9.1	9.1	9.1	9.1	-20.1	1.3	-4.9	-16.7	-14.5	-29.0
739	ok	0.0	0.5	5.43e-03	9.1	9.1	9.1	9.1	-18.2	0.7	0.1	-29.5	-41.9	1.3
740	ok	0.0	1.0	4.38e-02	9.1	9.3	9.1	9.1	201.3	3.3	45.0	46.2	-1.3	-6.5
741	ok	0.0	0.5	8.60e-03	9.1	9.1	9.1	9.1	-15.1	0.6	2.0	-12.1	-38.5	14.8
742	ok	0.0	0.5	8.26e-03	9.1	9.1	9.1	9.1	-15.8	0.9	2.1	-12.6	-43.9	13.1
743	ok	0.0	0.6	7.92e-03	9.1	9.1	9.1	9.1	-16.5	1.1	2.0	-12.1	-47.3	11.2
744	ok	0.0	0.5	4.32e-03	9.1	9.1	9.1	9.1	-25.0	1.7	-2.8	-20.2	-16.6	-25.1
745	ok	0.0	0.5	4.46e-03	9.1	9.1	9.1	9.1	-28.5	1.7	0.3	-23.4	-18.6	-20.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
746	ok	0.0	0.4	4.75e-03	9.1	9.1	9.1	9.1	-30.2	1.0	3.9	-26.1	-21.2	-16.1
747	ok	0.0	0.7	5.94e-03	9.1	9.1	9.1	9.1	-17.8	0.6	1.6	-26.5	-52.9	13.1
748	ok	0.0	1.0	4.20e-02	9.1	10.7	9.1	9.2	228.6	-0.6	46.3	59.1	8.0	-0.2
749	ok	0.0	0.6	7.38e-03	9.1	9.1	9.1	9.1	-17.0	1.3	1.9	-10.7	-48.8	9.2
750	ok	0.0	0.5	8.31e-03	9.1	9.1	9.1	9.1	-15.2	0.5	1.8	-11.2	-39.7	14.9
751	ok	0.0	0.6	7.97e-03	9.1	9.1	9.1	9.1	-15.9	0.8	1.9	-12.3	-45.2	13.4
752	ok	0.0	0.4	4.49e-03	9.1	9.1	9.1	9.1	-22.1	-0.2	-5.4	-11.4	-8.5	-31.1
753	ok	0.0	0.4	4.80e-03	9.1	9.1	9.1	9.1	-17.2	11.2	-5.5	-4.1	10.8	-34.3
754	ok	0.0	0.4	5.14e-03	9.1	9.1	9.1	9.1	-22.7	12.7	-4.8	-6.4	15.5	-29.6
755	ok	0.0	0.7	5.95e-03	9.1	9.1	9.1	9.1	-17.5	0.6	1.6	-22.6	-53.4	13.9
756	ok	0.0	1.0	3.97e-02	9.1	9.8	9.1	9.1	234.3	17.3	71.5	37.8	7.0	12.3
757	ok	0.0	0.6	7.64e-03	9.1	9.1	9.1	9.1	-16.5	1.0	1.9	-12.3	-48.7	11.9
758	ok	0.0	0.6	7.11e-03	9.1	9.1	9.1	9.1	-17.0	1.1	1.9	-11.0	-50.4	10.4
759	ok	0.0	0.5	7.60e-03	9.1	9.1	9.1	9.1	-15.6	0.3	1.2	-12.7	-40.8	12.4
760	ok	0.0	0.5	8.00e-03	9.1	9.1	9.1	9.1	-15.3	0.4	1.5	-10.6	-40.9	13.8
761	ok	0.0	0.6	7.68e-03	9.1	9.1	9.1	9.1	-16.0	0.6	1.6	-12.6	-46.6	13.4
762	ok	0.0	0.5	5.20e-03	9.1	9.1	9.1	9.1	-19.0	0.9	0.7	-34.2	-46.2	3.5
764	ok	0.0	0.6	6.96e-03	9.1	9.1	9.1	9.1	-16.3	0.4	1.3	-17.3	-46.7	12.6
765	ok	0.0	0.6	6.16e-03	9.1	9.1	9.1	9.1	-17.4	0.5	1.2	-24.4	-50.4	12.1
766	ok	0.0	0.6	6.42e-03	9.1	9.1	9.1	9.1	-17.1	0.5	1.3	-21.5	-50.9	13.0
767	ok	0.0	0.7	6.22e-03	9.1	9.1	9.1	9.1	-17.2	0.6	1.7	-18.9	-53.6	14.0
768	ok	0.0	0.4	5.98e-03	9.1	9.1	9.1	9.1	-16.9	0.3	-6.08e-02	-21.0	-37.6	3.1
769	ok	0.0	0.5	5.78e-03	9.1	9.1	9.1	9.1	-17.7	0.5	0.3	-26.9	-43.6	4.7
770	ok	0.0	0.6	5.59e-03	9.1	9.1	9.1	9.1	-18.4	0.7	0.8	-31.5	-47.9	6.4
778	ok	0.0	0.6	3.97e-02	9.1	9.1	9.1	9.1	323.0	9.5	134.5	7.1	-9.1	4.2
779	ok	0.0	0.6	7.31e-03	9.1	9.1	9.1	9.1	-16.1	0.5	1.4	-14.7	-47.0	13.0
780	ok	0.0	0.6	7.02e-03	9.1	9.1	9.1	9.1	-16.6	0.6	1.6	-15.7	-51.2	13.3
781	ok	0.0	0.7	6.51e-03	9.1	9.1	9.1	9.1	-17.1	0.7	1.7	-15.5	-53.4	13.5
782	ok	0.0	0.6	7.36e-03	9.1	9.1	9.1	9.1	-16.5	0.8	1.7	-13.2	-50.5	12.9
783	ok	0.0	0.6	6.84e-03	9.1	9.1	9.1	9.1	-17.0	0.9	1.8	-12.4	-52.4	12.2
784	ok	0.0	0.6	5.02e-03	9.1	9.1	9.1	9.1	-19.6	1.0	1.3	-38.3	-49.1	5.5
785	ok	0.0	0.4	2.85e-02	9.1	9.1	9.1	9.1	-155.9	-9.3	-90.0	0.1	3.0	-2.8
786	ok	0.0	0.6	4.40e-02	9.1	9.1	9.1	9.1	370.7	36.3	149.7	-1.0	-9.0	-0.4
787	ok	0.0	0.7	4.20e-02	9.1	9.1	9.1	9.1	352.1	11.2	71.3	10.2	-3.8	1.0
788	ok	0.0	0.2	1.32e-02	9.1	9.1	9.1	9.1	-1.7	-3.3	7.9	10.3	-15.6	3.2
789	ok	0.0	0.5	6.32e-03	9.1	9.1	9.1	9.1	-16.5	0.2	0.4	-19.5	-38.7	8.9
790	ok	0.0	0.5	7.22e-03	9.1	9.1	9.1	9.1	-15.8	0.2	1.0	-15.5	-40.1	11.7
791	ok	0.0	0.4	5.01e-03	9.1	9.1	9.1	9.1	-18.3	0.8	-1.0	-30.4	-30.6	-7.1
792	ok	0.0	0.4	2.47e-02	9.1	9.1	9.1	9.1	-74.1	-7.3	-72.6	0.2	3.6	-2.4
793	ok	0.0	0.3	1.24e-02	9.1	9.1	9.1	9.1	-10.2	-4.4	13.7	15.9	-12.0	0.8
794	ok	0.0	0.4	1.68e-02	9.1	9.1	9.1	9.1	14.3	-28.8	31.0	33.8	13.4	-9.1
795	ok	0.0	0.9	2.16e-02	9.1	9.1	9.1	9.1	32.9	12.3	31.0	47.4	21.9	10.6
796	ok	0.0	0.5	6.90e-03	9.1	9.1	9.1	9.1	-16.0	0.1	0.8	-17.8	-39.4	11.4
797	ok	0.0	0.5	4.87e-03	9.1	9.1	9.1	9.1	-19.5	1.1	-0.4	-34.5	-36.9	-4.7
798	ok	0.0	0.5	4.72e-03	9.1	9.1	9.1	9.1	-20.5	1.3	0.4	-38.5	-41.5	-2.3
799	ok	0.0	0.3	2.15e-02	9.1	9.1	9.1	9.1	-48.9	-7.1	-75.8	0.3	4.1	-1.9
800	ok	0.0	0.2	1.29e-02	9.1	9.1	9.1	9.1	-3.3	-4.4	8.0	9.9	-16.8	5.4
801	ok	0.0	0.2	1.21e-02	9.1	9.1	9.1	9.1	-8.2	-6.1	13.5	15.3	-13.3	4.5
802	ok	0.0	0.3	1.51e-02	9.1	9.1	9.1	9.1	-21.1	-5.0	21.4	23.8	-5.1	4.0
803	ok	0.0	0.5	6.60e-03	9.1	9.1	9.1	9.1	-16.2	0.1	0.6	-19.1	-38.9	10.7
804	ok	0.0	0.6	6.10e-03	9.1	9.1	9.1	9.1	-17.1	0.4	0.7	-23.7	-45.2	9.4
805	ok	0.0	0.6	5.40e-03	9.1	9.1	9.1	9.1	-19.0	0.8	1.4	-35.4	-50.6	8.1
806	ok	0.0	0.3	1.89e-02	9.1	9.1	9.1	9.1	-25.3	-7.0	-78.0	0.3	4.5	-1.3
807	ok	0.0	0.4	1.87e-02	9.1	9.1	9.1	9.1	-89.1	28.5	46.8	37.6	21.8	-1.8
808	ok	0.0	0.2	1.28e-02	9.1	9.1	9.1	9.1	-7.3	-4.2	8.6	7.0	-17.8	8.2
809	ok	0.0	0.2	1.20e-02	9.1	9.1	9.1	9.1	-13.1	-4.2	13.0	10.9	-14.8	8.1
810	ok	0.0	0.6	5.89e-03	9.1	9.1	9.1	9.1	-17.7	0.6	1.1	-27.3	-49.7	10.4
811	ok	0.0	0.5	4.55e-03	9.1	9.1	9.1	9.1	-21.2	1.3	1.3	-42.3	-44.7	-2.14e-02
812	ok	0.0	0.4	5.29e-03	9.1	9.1	9.1	9.1	-17.7	0.6	-0.7	-27.5	-33.3	-4.5
813	ok	0.0	0.3	1.66e-02	9.1	9.1	9.1	9.1	-2.4	-7.0	-79.2	0.4	4.6	-0.7
814	ok	0.0	0.2	1.40e-02	9.1	9.1	9.1	9.1	-24.3	-0.2	15.5	15.0	-7.5	7.4
815	ok	0.0	0.3	1.48e-02	9.1	9.1	9.1	9.1	-84.0	13.1	29.2	21.0	9.9	6.2
816	ok	0.0	0.3	1.19e-02	9.1	9.1	9.1	9.1	-7.9	-0.3	7.9	-2.0	-20.8	14.9
817	ok	0.0	0.7	5.69e-03	9.1	9.1	9.1	9.1	-18.2	0.7	1.5	-30.1	-52.3	11.6
818	ok	0.0	0.4	4.73e-03	9.1	9.1	9.1	9.1	-19.1	1.1	-1.5	-31.2	-27.8	-9.7
819	ok	0.0	0.4	5.60e-03	9.1	9.1	9.1	9.1	-17.3	0.4	-0.4	-23.9	-35.8	-1.0
820	ok	0.0	0.3	1.44e-02	9.1	9.1	9.1	9.1	42.4	-3.2	-79.2	0.5	4.6	0.8
821	ok	0.0	0.3	1.23e-02	9.1	9.1	9.1	9.1	-5.8	-2.0	8.8	0.9	-18.9	13.1
822	ok	0.0	0.3	1.22e-02	9.1	9.1	9.1	9.1	-12.7	1.1	8.8	-0.9	-20.1	13.1
823	ok	0.0	0.6	6.37e-03	9.1	9.1	9.1	9.1	-16.8	0.3	0.9	-21.9	-45.7	11.2
824	ok	0.0	0.6	6.66e-03	9.1	9.1	9.1	9.1	-16.5	0.3	1.1	-19.8	-46.2	12.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
825	ok	0.0	0.5	4.61e-03	9.1	9.1	9.1	9.1	-20.6	1.4	-0.7	-35.2	-33.5	-7.9
826	ok	0.0	0.6	6.70e-03	9.1	9.1	9.1	9.1	-16.8	0.5	1.5	-18.4	-51.2	13.4
899	ok	0.0	0.3	1.49e-02	9.1	9.1	9.1	9.1	-11.8	-1.09e-02	-0.1	-15.4	0.1	1.2
900	ok	0.0	0.4	1.46e-02	9.1	9.1	9.1	9.1	3.4	-2.45e-02	-0.2	33.2	-0.3	2.4
901	ok	0.0	0.2	1.47e-02	9.1	9.1	9.1	9.1	1.7	-4.29e-02	0.2	9.1	-0.2	1.3
902	ok	0.0	0.3	1.33e-02	9.1	9.1	9.1	9.1	-14.0	3.16e-02	-1.68e-02	-19.7	0.2	2.2
903	ok	0.0	0.3	1.36e-02	9.1	9.1	9.1	9.1	-12.9	1.13e-02	-3.65e-02	-22.4	0.2	1.8
904	ok	0.0	0.1	1.26e-02	9.1	9.1	9.1	9.1	19.8	4.82e-03	0.1	5.9	0.1	1.0
905	ok	0.0	0.1	1.08e-02	9.1	9.1	9.1	9.1	-9.4	0.8	-1.0	5.8	0.3	-0.2
906	ok	0.0	0.4	1.08e-02	9.1	9.1	9.1	9.1	-12.8	1.86e-03	-0.2	34.6	-0.4	2.7
907	ok	0.0	0.1	9.42e-03	9.1	9.1	9.1	9.1	-9.1	-2.28e-02	0.1	-8.8	-0.6	3.4
908	ok	0.0	0.2	1.07e-02	9.1	9.1	9.1	9.1	-5.8	-0.3	-9.50e-02	-11.9	-7.98e-02	1.8
909	ok	0.0	0.2	9.74e-03	9.1	9.1	9.1	9.1	-16.6	2.77e-02	-9.07e-02	-16.8	0.1	1.1
910	ok	0.0	0.2	9.47e-03	9.1	9.1	9.1	9.1	-8.1	-0.4	0.2	-14.1	-0.1	2.6
911	ok	0.0	0.2	1.24e-02	9.1	9.1	9.1	9.1	-13.3	0.3	-0.4	-9.8	0.2	2.4
912	ok	0.0	0.5	8.00e-03	9.1	9.1	9.1	9.1	-7.5	0.1	-0.1	46.0	-0.4	1.7
913	ok	0.0	0.2	7.64e-03	9.1	9.1	9.1	9.1	-11.5	-0.4	0.1	-16.5	-0.2	2.9
914	ok	0.0	0.2	8.01e-03	9.1	9.1	9.1	9.1	-3.8	-0.1	-0.5	15.2	7.99e-02	-4.0
915	ok	0.0	0.3	6.76e-03	9.1	9.1	9.1	9.1	-9.6	-6.86e-02	-0.4	-25.6	-0.2	4.2
916	ok	0.0	0.3	6.14e-03	9.1	9.1	9.1	9.1	2.6	-0.4	0.6	21.4	0.5	-8.5
917	ok	0.0	0.3	6.26e-03	9.1	9.1	9.1	9.1	-9.0	-0.4	1.25e-02	-21.6	-0.4	4.8
918	ok	0.0	0.3	5.29e-03	9.1	9.1	9.1	9.1	6.8	1.3	2.2	24.7	0.9	-8.6
919	ok	0.0	0.5	5.10e-03	9.1	9.1	9.1	9.1	-21.2	-2.4	2.4	37.3	-0.6	-8.4
920	ok	0.0	0.3	7.02e-03	9.1	9.1	9.1	9.1	-11.5	-0.1	5.95e-02	-24.6	-0.2	3.4
921	ok	0.0	0.3	4.60e-03	9.1	9.1	9.1	9.1	26.4	0.2	-7.02e-02	-11.1	0.7	6.5
922	ok	0.0	0.3	3.77e-03	9.1	9.1	9.1	9.1	28.2	-0.2	0.2	-14.4	-0.4	6.2
923	ok	0.0	0.2	3.54e-03	9.1	9.1	9.1	9.1	-2.8	4.71e-02	0.3	-14.8	-0.4	-8.1
924	ok	0.0	0.3	1.43e-03	9.1	9.1	9.1	9.1	16.0	-0.5	0.5	-19.5	-0.7	-7.1
925	ok	0.0	0.3	3.64e-04	9.1	9.1	9.1	9.1	15.2	-0.4	1.2	-23.1	-1.0	-8.3
926	ok	0.0	0.3	1.97e-04	9.1	9.1	9.1	9.1	12.8	-0.9	0.9	-22.8	0.2	-7.7
1364	ok	0.0	0.5	8.50e-04	9.1	9.1	9.1	9.1	10.9	-1.0	3.4	-23.0	-3.8	-26.4
1365	ok	0.0	0.5	4.34e-03	9.1	9.1	9.1	9.1	13.4	-2.0	-10.0	-11.6	-9.0	-33.7
1366	ok	0.0	0.4	6.59e-03	9.1	9.1	9.1	9.1	-0.9	10.8	-27.2	11.7	-4.8	-30.2
1367	ok	0.0	0.5	8.12e-03	9.1	9.1	9.1	9.1	-18.7	-10.2	-2.4	25.8	3.8	-26.6
1368	ok	0.0	0.5	3.03e-03	9.1	9.1	9.1	9.1	7.7	-4.7	8.6	-23.6	-4.5	-23.7
1369	ok	0.0	0.5	5.90e-03	9.1	9.1	9.1	9.1	21.2	-6.9	-14.1	-22.9	-10.7	-30.4
1371	ok	0.0	0.4	8.11e-03	9.1	9.1	9.1	9.1	-15.4	-13.5	0.9	26.1	2.7	-21.6
1372	ok	0.0	0.5	9.90e-03	9.1	9.1	9.1	9.1	-18.6	-11.3	-1.2	35.8	6.4	-20.7
1373	ok	0.0	0.2	4.43e-03	9.1	9.1	9.1	9.1	11.6	-11.5	9.2	-1.5	-10.3	-5.8
1374	ok	0.0	0.1	5.33e-03	9.1	9.1	9.1	9.1	0.3	-32.5	-0.6	-0.1	-6.1	-1.8
1375	ok	0.0	8.26e-02	5.30e-03	9.1	9.1	9.1	9.1	5.10e-02	-30.7	-1.27e-02	-8.32e-02	-2.2	-1.8
1376	ok	0.0	9.96e-02	6.88e-03	9.1	9.1	9.1	9.1	7.85e-02	-15.0	5.58e-02	-5.53e-02	-0.7	-1.7
1377	ok	0.0	0.4	1.74e-02	9.1	9.1	9.1	9.1	4.7	-0.2	1.3	-10.4	-3.5	19.5
1378	ok	0.0	0.3	1.84e-02	9.1	9.1	9.1	9.1	11.0	-0.2	1.2	-11.0	-3.5	16.4
1379	ok	0.0	0.1	3.80e-03	9.1	9.1	9.1	9.1	-12.3	-10.7	-9.6	-6.5	-2.3	-2.3
3926	ok	0.0	0.3	1.95e-02	9.1	9.1	9.1	9.1	12.1	-0.2	0.5	-8.7	-3.2	13.1
3927	ok	0.0	0.4	2.10e-02	9.1	9.1	9.1	9.1	-3.3	-7.0	-9.8	6.7	7.5	16.5
3928	ok	0.0	0.6	2.21e-02	9.1	9.1	9.1	9.1	-2.3	-13.3	-11.0	16.7	20.5	18.3
3929	ok	0.0	0.4	1.60e-02	9.1	9.1	9.1	9.1	5.2	0.5	-0.2	3.3	6.4	26.3
3930	ok	0.0	0.3	1.70e-02	9.1	9.1	9.1	9.1	2.5	0.6	1.4	-5.8	-3.8	22.4
3931	ok	0.0	0.3	1.38e-02	9.1	9.1	9.1	9.1	-13.0	2.32e-02	1.2	-15.2	-4.2	12.1
3933	ok	0.0	0.2	1.41e-02	9.1	9.1	9.1	9.1	0.5	-8.15e-02	0.8	7.5	4.9	13.6
3934	ok	0.0	0.8	1.39e-02	9.1	9.1	9.1	9.1	-3.5	-2.2	-0.6	47.3	41.5	23.9
3935	ok	0.0	0.4	1.29e-02	9.1	9.1	9.1	9.1	-14.8	8.75e-02	0.7	-19.6	-3.7	20.5
3936	ok	0.0	0.4	1.39e-02	9.1	9.1	9.1	9.1	-13.5	6.71e-02	0.8	-22.0	-4.1	16.5
3937	ok	0.0	0.2	1.03e-02	9.1	9.1	9.1	9.1	-9.0	-1.6	0.8	-6.9	-13.1	5.7
3938	ok	0.0	0.8	1.05e-02	9.1	9.1	9.1	9.1	-9.4	-1.3	-1.0	49.3	50.0	23.2
3939	ok	0.0	0.4	1.15e-02	9.1	9.1	9.1	9.1	-15.2	-3.0	-0.6	-7.5	-12.6	25.6
3940	ok	0.0	0.3	8.76e-03	9.1	9.1	9.1	9.1	-16.9	-2.0	-1.3	-14.5	-18.8	15.0
4706	ok	0.0	0.3	9.44e-03	9.1	9.1	9.1	9.1	-18.4	0.5	-0.3	-15.1	-4.5	12.2
4731	ok	0.0	0.3	1.00e-02	9.1	9.1	9.1	9.1	-17.3	7.17e-02	-8.37e-02	-16.9	-2.9	10.3
4736	ok	0.0	0.2	1.00e-02	9.1	9.1	9.1	9.1	-18.5	0.2	0.5	-12.6	-3.9	8.2
4737	ok	0.0	0.3	1.25e-02	9.1	9.1	9.1	9.1	-16.4	-0.8	0.1	-10.4	-3.5	22.6
4740	ok	0.0	0.9	8.05e-03	9.1	9.1	9.1	9.1	-9.1	-1.9	-1.7	66.7	66.9	11.1
4741	ok	0.0	0.3	7.30e-03	9.1	9.1	9.1	9.1	-18.3	-1.0	-1.2	-15.8	1.1	-14.1
4742	ok	0.0	0.3	7.32e-03	9.1	9.1	9.1	9.1	-3.6	-1.4	-1.5	14.3	9.0	-12.0
4743	ok	0.0	0.4	5.64e-03	9.1	9.1	9.1	9.1	2.0	1.1	-0.2	15.3	10.5	-25.9
4744	ok	0.0	0.3	6.31e-03	9.1	9.1	9.1	9.1	-13.9	-2.36e-02	-0.6	-18.3	1.5	-15.6
4745	ok	0.0	0.4	6.55e-03	9.1	9.1	9.1	9.1	-14.5	8.05e-02	-1.0	-26.4	-1.1	-14.6
4746	ok	0.0	0.7	4.94e-03	9.1	9.1	9.1	9.1	3.5	0.6	1.3	21.1	17.6	-38.6
4747	ok	0.0	1.0	5.00e-03	9.1	9.9	9.1	10.7	-3.0	-4.1	0.3	53.3	67.5	-36.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
4750	ok	0.0	0.3	7.18e-03	9.1	9.1	9.1	9.1	-15.7	-0.1	-0.9	-25.6	-1.4	-14.6
4751	ok	0.0	0.5	4.25e-03	9.1	9.1	9.1	9.1	5.4	0.5	-3.4	-8.1	-0.2	-39.3
4755	ok	0.0	0.5	3.90e-03	9.1	9.1	9.1	9.1	9.9	-0.1	-3.4	-14.1	-1.6	-39.1
4757	ok	0.0	0.5	3.19e-03	9.1	9.1	9.1	9.1	-6.6	2.4	-4.1	-11.0	-2.8	-41.0
4758	ok	0.0	0.5	2.40e-03	9.1	9.1	9.1	9.1	5.4	1.8	-3.0	-13.4	-5.1	-35.9
4759	ok	0.0	0.5	2.14e-03	9.1	9.1	9.1	9.1	6.1	-4.1	2.1	-21.1	-8.2	-31.5
4778	ok	0.0	0.6	3.37e-03	9.1	9.1	9.1	9.1	20.5	-10.3	2.4	-29.1	-11.7	-28.2
4780	ok	0.0	0.2	3.53e-03	9.1	9.1	9.1	9.1	-3.5	-15.0	5.9	0.3	-13.0	-6.1
4791	ok	0.0	0.2	4.28e-03	9.1	9.1	9.1	9.1	-16.6	3.4	2.6	-18.5	-2.6	-9.6
4792	ok	0.0	0.3	1.95e-02	9.1	9.1	9.1	9.1	15.3	3.41e-02	0.1	-9.2	0.2	1.3
4795	ok	0.0	0.3	1.79e-02	9.1	9.1	9.1	9.1	7.6	2.23e-02	4.16e-02	-10.9	0.2	2.1
4796	ok	0.0	0.3	1.90e-02	9.1	9.1	9.1	9.1	14.1	3.94e-03	5.10e-02	-11.6	0.2	1.7
4797	ok	0.0	0.5	2.40e-02	9.1	9.1	9.1	9.1	-138.8	3.8	-16.8	25.7	5.6	-5.0
4800	ok	0.0	0.6	2.71e-02	9.1	9.1	9.1	9.1	-157.0	-64.9	-16.7	28.3	-12.6	6.3
4801	ok	0.0	0.3	1.65e-02	9.1	9.1	9.1	9.1	84.0	-5.3	2.6	10.8	0.5	2.0
4802	ok	0.0	0.3	1.67e-02	9.1	9.1	9.1	9.1	-2.3	0.2	-0.2	-8.5	0.2	1.7
5386	ok	0.0	0.2	5.38e-03	9.1	9.1	9.1	9.1	-4.6	7.3	11.5	-9.4	-10.3	-4.2
5387	ok	0.0	0.3	6.32e-03	9.1	9.1	9.1	9.1	-7.7	8.0	11.0	-5.7	-19.4	-7.4
5388	ok	0.0	0.2	5.76e-03	9.1	9.1	9.1	9.1	-3.7	7.3	11.3	-5.7	-8.5	-6.1
5433	ok	0.0	0.2	6.03e-03	9.1	9.1	9.1	9.1	-23.1	15.2	8.2	-4.6	-12.3	2.9
5434	ok	0.0	0.1	5.07e-03	9.1	9.1	9.1	9.1	-0.2	-4.3	-24.3	-3.9	9.4	-1.8
5435	ok	0.0	0.2	6.01e-03	9.1	9.1	9.1	9.1	-7.4	6.1	18.4	-7.1	-14.7	2.4
5436	ok	0.0	0.2	5.97e-03	9.1	9.1	9.1	9.1	-7.9	6.8	15.6	-8.4	-15.6	0.5
5437	ok	0.0	0.2	5.94e-03	9.1	9.1	9.1	9.1	-24.1	18.9	6.5	-6.8	-17.6	-3.0
5477	ok	0.0	0.1	5.18e-03	9.1	9.1	9.1	9.1	-16.6	18.3	6.8	-7.6	-9.0	-0.3
5478	ok	0.0	0.2	5.26e-03	9.1	9.1	9.1	9.1	-4.3	7.0	17.6	-10.0	-11.8	-0.5
5479	ok	0.0	0.2	5.28e-03	9.1	9.1	9.1	9.1	-3.9	6.8	16.0	-10.5	-12.4	-2.1
5523	ok	0.0	0.7	2.27e-02	9.1	9.1	9.1	9.1	-19.2	-4.70e-04	4.03e-03	-57.1	0.7	1.7
5541	ok	0.0	0.6	2.17e-02	9.1	9.1	9.1	9.1	-19.2	1.07e-03	-1.59e-03	-55.5	0.8	3.9
5542	ok	0.0	0.6	2.07e-02	9.1	9.1	9.1	9.1	-19.1	7.14e-03	-9.32e-03	-50.3	0.7	6.0
5544	ok	0.0	0.4	2.48e-02	9.1	9.1	9.1	9.1	-22.3	1.1	0.1	19.2	0.3	-8.5
5877	ok	0.0	0.3	2.44e-02	9.1	9.1	9.1	9.1	-21.7	0.1	7.99e-02	-6.9	0.6	-8.8
5927	ok	0.0	0.4	2.44e-02	9.1	9.1	9.1	9.1	-21.8	2.76e-02	3.79e-02	-25.6	0.7	-7.6
6095	ok	0.0	0.5	2.43e-02	9.1	9.1	9.1	9.1	-18.9	7.43e-03	2.34e-02	-39.3	0.7	-5.8
6101	ok	0.0	0.6	2.40e-02	9.1	9.1	9.1	9.1	-19.0	2.34e-03	1.51e-02	-48.7	0.8	-3.8
6116	ok	0.0	0.6	2.30e-02	9.1	9.1	9.1	9.1	-19.2	-1.83e-04	7.26e-03	-56.2	0.7	-0.4
6127	ok	0.0	0.7	2.78e-02	9.1	9.1	9.1	9.1	-23.1	7.2	1.1	41.9	-1.3	-6.9
6133	ok	0.0	0.9	1.84e-02	9.1	13.3	9.1	9.1	-21.5	4.1	1.8	118.8	-9.3	-11.5
6400	ok	0.0	0.9	3.09e-02	9.1	9.9	9.1	9.1	-20.2	-7.0	-2.3	88.1	-2.8	10.5
6404	ok	0.0	0.3	2.32e-02	9.1	9.1	9.1	9.1	-18.6	0.1	-4.35e-02	-8.6	0.5	9.7
6407	ok	0.0	0.4	5.53e-03	9.1	9.1	9.1	9.1	-0.1	-35.1	3.5	5.4	-12.9	32.3
6409	ok	0.0	0.3	2.39e-02	9.1	9.1	9.1	9.1	-22.2	1.0	-0.2	10.5	0.2	10.1
6410	ok	0.0	0.4	6.21e-03	9.1	9.1	9.1	9.1	-0.3	-43.7	0.5	7.7	25.6	18.2
6411	ok	0.0	0.5	7.11e-03	9.1	9.1	9.1	9.1	0.7	-49.9	-2.3	12.0	53.0	7.7
6412	ok	0.0	0.5	2.72e-02	9.1	9.1	9.1	9.1	-22.7	7.8	-2.0	37.8	-1.0	8.6
6413	ok	0.0	0.9	3.05e-02	9.1	9.3	9.1	9.1	-21.7	-7.8	0.8	86.6	-1.2	-7.1
6415	ok	0.0	0.9	8.18e-03	9.1	9.1	9.1	9.1	5.3	-49.6	-15.9	16.4	82.9	1.1
6416	ok	0.0	0.7	7.60e-03	9.1	9.1	9.1	9.1	-0.3	-26.5	-11.2	-0.2	64.5	11.7
6419	ok	0.0	0.2	1.30e-03	9.1	9.1	9.1	9.1	-1.9	5.2	-2.2	2.1	-7.5	2.9
6422	ok	0.0	0.4	2.24e-02	9.1	9.1	9.1	9.1	-20.6	7.47e-03	-5.51e-03	-28.6	0.6	7.6
6427	ok	0.0	0.9	1.28e-02	9.1	9.1	9.1	9.1	6.5	1.6	-11.7	-5.2	-73.2	-15.4
6428	ok	0.0	0.3	6.79e-03	9.1	9.1	9.1	9.1	-5.8	1.1	-6.4	16.6	16.6	-12.5
6430	ok	0.0	0.4	2.28e-02	9.1	9.1	9.1	9.1	-21.1	2.89e-02	-1.73e-02	-20.0	0.6	8.7
6433	ok	0.0	0.2	6.42e-03	9.1	9.1	9.1	9.1	65.4	13.1	50.3	2.8	11.0	0.4
6434	ok	0.0	0.5	2.19e-02	9.1	9.1	9.1	9.1	-20.2	3.97e-03	2.27e-04	-33.9	0.7	6.4
6435	ok	0.0	0.3	5.60e-03	9.1	9.1	9.1	9.1	65.1	14.7	48.5	4.6	20.1	1.0
6436	ok	0.0	0.5	2.14e-02	9.1	9.1	9.1	9.1	-19.8	3.26e-03	4.06e-03	-38.0	0.7	5.2
6437	ok	0.0	0.4	5.35e-03	9.1	9.1	9.1	9.1	62.5	15.6	45.9	6.7	31.5	2.1
6438	ok	0.0	0.5	2.07e-02	9.1	9.1	9.1	9.1	-19.3	3.57e-03	7.05e-03	-41.2	0.7	3.4
6440	ok	0.0	0.5	1.92e-02	9.1	9.1	9.1	9.1	-18.3	5.35e-03	1.02e-02	-40.2	0.6	-0.9
6442	ok	0.0	0.5	2.00e-02	9.1	9.1	9.1	9.1	-18.8	4.31e-03	8.55e-03	-42.1	0.7	1.5
6445	ok	0.0	0.4	6.71e-03	9.1	9.1	9.1	9.1	-2.7	-2.3	-3.0	2.9	-28.5	-10.0
6446	ok	0.0	0.4	7.41e-03	9.1	9.1	9.1	9.1	-3.8	-2.2	-2.5	2.1	-33.6	-9.1
6447	ok	0.0	0.3	5.91e-03	9.1	9.1	9.1	9.1	-1.4	-2.5	-3.6	4.2	-20.8	-11.3
6448	ok	0.0	0.3	6.24e-03	9.1	9.1	9.1	9.1	-3.7	-1.1	-4.0	-5.0	-20.1	-7.1
6449	ok	0.0	0.3	6.88e-03	9.1	9.1	9.1	9.1	-5.0	-1.2	-3.0	-3.2	-26.4	-6.5
6450	ok	0.0	0.3	6.08e-03	9.1	9.1	9.1	9.1	-8.7	7.0	9.5	-4.2	-22.0	-5.8
6451	ok	0.0	0.3	6.80e-03	9.1	9.1	9.1	9.1	-4.3	-1.9	-3.2	-0.5	-27.5	-8.8
6452	ok	0.0	0.2	6.55e-03	9.1	9.1	9.1	9.1	-26.0	13.5	8.6	-4.3	-15.8	3.7
6453	ok	0.0	0.2	7.10e-03	9.1	9.1	9.1	9.1	-7.1	0.2	-0.5	-5.7	-18.9	5.0
6454	ok	0.0	0.3	6.32e-03	9.1	9.1	9.1	9.1	-3.8	0.2	-2.9	-7.4	-18.5	-4.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6455	ok	0.0	0.2	6.39e-03	9.1	9.1	9.1	9.1	-4.6	0.7	-2.3	-8.7	-17.0	-1.2
6456	ok	0.0	0.2	6.44e-03	9.1	9.1	9.1	9.1	-9.7	5.9	16.9	-6.3	-16.9	3.3
6457	ok	0.0	0.3	7.02e-03	9.1	9.1	9.1	9.1	-6.4	0.3	-1.0	-7.2	-21.1	2.9
6458	ok	0.0	0.3	6.98e-03	9.1	9.1	9.1	9.1	-6.7	-1.93e-02	-1.9	-6.9	-23.2	0.1
6459	ok	0.0	0.3	6.93e-03	9.1	9.1	9.1	9.1	-5.0	-0.2	-2.3	-5.6	-24.8	-3.3
6460	ok	0.0	0.3	1.74e-02	9.1	9.1	9.1	9.1	-17.6	1.42e-02	1.80e-02	-28.0	0.6	-4.5
6462	ok	0.0	0.4	1.83e-02	9.1	9.1	9.1	9.1	-17.9	6.45e-03	1.21e-02	-35.6	0.6	-2.8
6464	ok	0.0	0.3	1.47e-02	9.1	9.1	9.1	9.1	-17.5	-1.0	-0.3	11.7	0.8	-7.2
6467	ok	0.0	0.2	1.56e-02	9.1	9.1	9.1	9.1	-17.1	0.6	0.1	-5.0	0.3	-7.1
6468	ok	0.0	0.3	1.66e-02	9.1	9.1	9.1	9.1	-17.3	7.21e-02	3.56e-02	-18.1	0.5	-6.0
6471	ok	0.0	0.9	1.09e-02	9.1	9.2	9.1	9.1	-17.0	1.7	0.4	84.6	-4.6	-7.5
6474	ok	0.0	0.5	1.61e-02	9.1	9.1	9.1	9.1	-26.2	-7.4	-5.2	41.0	1.3	-7.0
6476	ok	0.0	0.7	1.70e-02	9.1	9.1	9.1	9.1	-16.6	-7.6	0.4	62.0	0.4	-9.4
6478	ok	0.0	0.4	1.49e-02	9.1	9.1	9.1	9.1	-20.9	6.1	-6.80e-02	37.6	-0.5	-1.2
6481	ok	0.0	0.1	1.03e-02	9.1	9.1	9.1	9.1	-13.9	-2.96e-03	4.84e-04	-3.8	0.6	-1.7
6483	ok	0.0	0.2	1.16e-02	9.1	9.1	9.1	9.1	-17.4	-8.33e-02	1.61e-02	13.9	0.5	-0.7
6485	ok	0.0	0.4	6.96e-03	9.1	9.1	9.1	9.1	-10.3	1.99e-02	3.33e-02	-35.2	0.4	-6.5
6489	ok	0.0	0.4	7.80e-03	9.1	9.1	9.1	9.1	-11.3	6.15e-03	2.19e-02	-31.7	0.5	-5.4
6492	ok	0.0	0.3	8.63e-03	9.1	9.1	9.1	9.1	-12.2	1.46e-03	1.11e-02	-25.1	0.5	-4.2
6493	ok	0.0	0.2	9.44e-03	9.1	9.1	9.1	9.1	-13.1	9.26e-04	5.17e-04	-15.8	0.5	-2.9
6495	ok	0.0	0.4	6.03e-03	9.1	9.1	9.1	9.1	-9.0	0.2	6.50e-02	-32.4	0.4	-7.4
6497	ok	0.0	0.2	4.75e-03	9.1	9.1	9.1	9.1	-7.8	5.4	0.7	-9.6	-2.3	-4.9
6499	ok	0.0	0.3	5.30e-03	9.1	9.1	9.1	9.1	-8.3	0.9	0.1	-24.4	-0.1	-7.2
6501	ok	0.0	0.2	5.35e-03	9.1	9.1	9.1	9.1	-9.3	-3.9	-1.1	18.8	-5.2	9.2
6503	ok	0.0	0.6	3.16e-03	9.1	9.1	9.1	9.1	-12.7	3.7	-1.8	51.8	-2.0	12.8
6505	ok	0.0	0.2	3.08e-03	9.1	9.1	9.1	9.1	-1.6	3.1	5.3	4.7	0.2	-4.6
6507	ok	0.0	0.4	5.67e-03	9.1	9.1	9.1	9.1	-9.9	-6.1	3.0	32.9	-7.3	-12.3
6509	ok	0.0	0.3	2.57e-03	9.1	9.1	9.1	9.1	-2.8	0.3	-6.58e-02	-27.6	0.4	8.0
6511	ok	0.0	0.2	2.61e-03	9.1	9.1	9.1	9.1	-3.9	1.3	-9.36e-02	-16.8	-9.35e-02	7.4
6513	ok	0.0	0.4	2.76e-03	9.1	9.1	9.1	9.1	-2.2	6.80e-02	-3.95e-02	-36.5	0.5	8.0
6517	ok	0.0	0.3	1.98e-03	9.1	9.1	9.1	9.1	1.0	-7.9	3.0	-0.8	-12.1	-15.1
6518	ok	0.0	0.4	3.17e-03	9.1	9.1	9.1	9.1	-2.6	5.32e-02	-3.52e-02	-36.9	0.5	6.8
6520	ok	0.0	0.4	3.26e-03	9.1	9.1	9.1	9.1	-3.2	3.67e-02	-3.24e-02	-34.4	0.8	6.2
6522	ok	0.0	0.3	3.86e-03	9.1	9.1	9.1	9.1	22.2	2.3	-0.3	-18.4	3.3	9.7
6524	ok	0.0	0.2	4.29e-03	9.1	9.1	9.1	9.1	16.9	1.3	-4.7	-9.3	4.7	11.0
6525	ok	0.0	0.4	2.28e-02	9.1	9.1	9.1	9.1	-22.4	-0.6	-1.3	17.9	1.3	-22.0
6526	ok	0.0	0.5	8.52e-03	9.1	9.1	9.1	9.1	-5.3	-2.2	-1.9	1.4	-39.6	-8.5
6527	ok	0.0	0.5	9.61e-03	9.1	9.1	9.1	9.1	-7.1	-2.2	-1.6	1.2	-41.8	-8.9
6528	ok	0.0	0.5	1.08e-02	9.1	9.1	9.1	9.1	-8.9	-2.2	-1.4	2.5	-41.0	-10.0
6529	ok	0.0	0.4	1.21e-02	9.1	9.1	9.1	9.1	-10.6	-2.4	-1.3	4.9	-37.1	-12.0
6530	ok	0.0	0.4	1.35e-02	9.1	9.1	9.1	9.1	-12.5	-2.6	-1.5	8.0	-29.8	-14.6
6531	ok	0.0	0.3	1.54e-02	9.1	9.1	9.1	9.1	-14.9	-2.4	-1.8	11.1	-18.1	-17.1
6532	ok	0.0	0.4	2.07e-02	9.1	9.1	9.1	9.1	-20.2	-1.9	-1.6	16.0	-4.5	-19.4
6533	ok	0.0	0.3	2.27e-02	9.1	9.1	9.1	9.1	-21.4	-0.2	-0.3	-6.7	-2.8	-22.1
6534	ok	0.0	0.4	2.24e-02	9.1	9.1	9.1	9.1	-20.8	-4.26e-02	-8.18e-02	-24.7	-4.7	-19.2
6535	ok	0.0	0.5	2.21e-02	9.1	9.1	9.1	9.1	-18.1	-1.33e-02	-2.16e-02	-37.9	-5.7	-14.6
6536	ok	0.0	0.6	2.17e-02	9.1	9.1	9.1	9.1	-17.9	-8.21e-04	9.06e-03	-47.0	-6.2	-9.1
6537	ok	0.0	0.6	2.11e-02	9.1	9.1	9.1	9.1	-17.8	9.76e-03	5.79e-03	-53.9	-7.2	0.2
6538	ok	0.0	0.5	8.61e-03	9.1	9.1	9.1	9.1	-5.2	-2.2	-1.8	-1.7	-39.7	-7.5
6539	ok	0.0	0.5	8.77e-03	9.1	9.1	9.1	9.1	-5.0	-1.8	-1.6	-6.1	-39.3	-5.5
6540	ok	0.0	0.4	8.90e-03	9.1	9.1	9.1	9.1	-4.9	-1.2	-1.5	-11.5	-38.6	-3.0
6541	ok	0.0	0.4	9.11e-03	9.1	9.1	9.1	9.1	-4.8	-0.7	-1.5	-16.8	-38.1	-0.6
6542	ok	0.0	0.4	9.34e-03	9.1	9.1	9.1	9.1	-4.3	-0.1	-1.7	-22.9	-38.2	2.7
6543	ok	0.0	0.5	9.69e-03	9.1	9.1	9.1	9.1	-6.8	-2.0	-1.6	-3.4	-41.4	-8.6
6544	ok	0.0	0.5	9.80e-03	9.1	9.1	9.1	9.1	-6.6	-1.6	-1.5	-9.0	-40.8	-7.0
6545	ok	0.0	0.5	9.86e-03	9.1	9.1	9.1	9.1	-6.5	-1.1	-1.4	-14.8	-40.0	-4.5
6546	ok	0.0	0.4	9.91e-03	9.1	9.1	9.1	9.1	-6.3	-0.7	-1.3	-20.0	-39.4	-1.8
6547	ok	0.0	0.4	1.00e-02	9.1	9.1	9.1	9.1	-5.9	-0.2	-1.3	-25.8	-39.1	2.4
6548	ok	0.0	0.5	1.09e-02	9.1	9.1	9.1	9.1	-8.4	-1.9	-1.5	-4.3	-40.2	-10.1
6549	ok	0.0	0.5	1.09e-02	9.1	9.1	9.1	9.1	-8.3	-1.4	-1.4	-11.2	-39.4	-8.6
6550	ok	0.0	0.5	1.09e-02	9.1	9.1	9.1	9.1	-8.1	-1.0	-1.2	-17.8	-38.7	-6.0
6551	ok	0.0	0.4	1.09e-02	9.1	9.1	9.1	9.1	-7.9	-0.6	-1.1	-23.3	-38.1	-2.9
6552	ok	0.0	0.4	1.09e-02	9.1	9.1	9.1	9.1	-7.5	-0.3	-1.0	-29.0	-37.8	2.0
6553	ok	0.0	0.4	1.22e-02	9.1	9.1	9.1	9.1	-10.0	-1.9	-1.4	-4.4	-36.1	-12.1
6554	ok	0.0	0.4	1.22e-02	9.1	9.1	9.1	9.1	-9.9	-1.3	-1.3	-13.1	-35.4	-10.3
6555	ok	0.0	0.4	1.21e-02	9.1	9.1	9.1	9.1	-9.8	-0.8	-1.0	-20.6	-35.0	-7.4
6556	ok	0.0	0.4	1.21e-02	9.1	9.1	9.1	9.1	-9.5	-0.5	-0.9	-26.5	-34.7	-4.0
6557	ok	0.0	0.4	1.19e-02	9.1	9.1	9.1	9.1	-9.2	-0.2	-0.7	-32.2	-34.5	1.6
6558	ok	0.0	0.4	1.36e-02	9.1	9.1	9.1	9.1	-11.6	-1.7	-1.5	-4.4	-29.0	-14.2
6559	ok	0.0	0.4	1.36e-02	9.1	9.1	9.1	9.1	-11.6	-1.0	-1.1	-14.9	-29.1	-12.0
6560	ok	0.0	0.4	1.36e-02	9.1	9.1	9.1	9.1	-11.4	-0.6	-0.9	-23.5	-29.3	-8.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6561	ok	0.0	0.4	1.34e-02	9.1	9.1	9.1	9.1	-11.1	-0.3	-0.6	-29.9	-29.5	-4.9
6562	ok	0.0	0.4	1.31e-02	9.1	9.1	9.1	9.1	-10.8	-0.1	-0.4	-35.6	-29.5	1.2
6563	ok	0.0	0.3	1.54e-02	9.1	9.1	9.1	9.1	-14.8	-1.2	-1.3	-4.5	-19.6	-15.9
6564	ok	0.0	0.4	1.53e-02	9.1	9.1	9.1	9.1	-13.2	-0.7	-0.9	-17.0	-21.2	-13.0
6565	ok	0.0	0.4	1.51e-02	9.1	9.1	9.1	9.1	-12.9	-0.3	-0.6	-26.4	-22.3	-9.5
6566	ok	0.0	0.4	1.49e-02	9.1	9.1	9.1	9.1	-12.6	-0.2	-0.4	-33.2	-23.0	-5.5
6567	ok	0.0	0.4	1.45e-02	9.1	9.1	9.1	9.1	-12.3	-5.98e-02	-0.2	-39.0	-23.4	0.8
6568	ok	0.0	0.3	2.06e-02	9.1	9.1	9.1	9.1	-20.0	-0.7	-1.0	-6.0	-9.9	-17.9
6569	ok	0.0	0.4	2.03e-02	9.1	9.1	9.1	9.1	-17.3	-0.3	-0.6	-22.3	-12.9	-15.0
6570	ok	0.0	0.5	1.99e-02	9.1	9.1	9.1	9.1	-16.9	-0.1	-0.3	-34.3	-14.7	-11.2
6571	ok	0.0	0.5	1.95e-02	9.1	9.1	9.1	9.1	-16.6	-4.55e-02	-0.2	-42.9	-15.7	-6.7
6572	ok	0.0	0.6	1.89e-02	9.1	9.1	9.1	9.1	-16.3	-3.03e-03	-8.87e-02	-50.1	-16.2	0.5
6573	ok	0.0	0.6	2.29e-02	9.1	9.1	9.1	9.1	-25.1	-10.0	-5.1	38.3	8.4	-19.3
6574	ok	0.0	0.5	8.48e-03	9.1	9.1	9.1	9.1	-5.6	-2.1	-1.9	2.0	-39.2	-8.1
6575	ok	0.0	0.5	9.58e-03	9.1	9.1	9.1	9.1	-7.3	-2.2	-1.5	3.3	-41.8	-8.0
6576	ok	0.0	0.5	1.07e-02	9.1	9.1	9.1	9.1	-9.0	-2.4	-1.2	6.1	-41.5	-8.6
6577	ok	0.0	0.4	1.20e-02	9.1	9.1	9.1	9.1	-10.6	-2.7	-1.1	10.6	-37.9	-10.2
6578	ok	0.0	0.4	1.33e-02	9.1	9.1	9.1	9.1	-12.5	-3.1	-1.2	17.0	-30.3	-12.9
6579	ok	0.0	0.4	1.63e-02	9.1	9.1	9.1	9.1	-15.8	-3.8	-2.4	25.9	-19.9	-17.1
6580	ok	0.0	0.5	2.08e-02	9.1	9.1	9.1	9.1	-17.4	-3.0	-1.4	35.6	1.5	-20.7
6581	ok	0.0	0.4	7.49e-03	9.1	9.1	9.1	9.1	-5.8	-1.4	-2.5	-1.8	-31.4	-5.4
6624	ok	0.0	1.0	2.01e-02	9.1	20.5	9.1	19.7	-22.3	-9.7	7.6	169.4	141.1	-25.6
6625	ok	0.0	0.4	7.44e-03	9.1	9.1	9.1	9.1	-4.5	-1.8	-2.5	0.4	-32.5	-7.9
6626	ok	0.0	0.4	8.50e-03	9.1	9.1	9.1	9.1	-6.6	-1.6	-1.6	1.0	-37.1	-3.9
6627	ok	0.0	0.5	9.59e-03	9.1	9.1	9.1	9.1	-8.1	-2.0	-1.0	4.9	-40.4	-2.5
6628	ok	0.0	0.5	1.07e-02	9.1	9.1	9.1	9.1	-9.5	-2.5	-0.5	10.3	-40.9	-1.4
6629	ok	0.0	0.4	1.20e-02	9.1	9.1	9.1	9.1	-10.8	-3.2	-0.2	18.0	-38.3	-0.6
6630	ok	0.0	0.4	1.30e-02	9.1	9.1	9.1	9.1	-11.1	-4.3	7.92e-03	29.7	-31.6	0.3
6631	ok	0.0	0.6	1.70e-02	9.1	9.1	9.1	9.1	-12.9	-5.6	8.43e-02	54.8	-21.2	1.7
6632	ok	0.0	1.0	1.69e-02	9.1	10.1	9.1	9.1	-29.9	-15.8	0.7	69.4	33.3	19.5
6633	ok	0.0	0.9	2.16e-02	9.1	9.2	9.1	9.1	-20.5	-2.6	6.2	60.0	51.9	-18.5
6634	ok	0.0	0.4	8.49e-03	9.1	9.1	9.1	9.1	-6.1	-1.9	-1.8	1.9	-38.3	-6.5
6635	ok	0.0	0.5	9.58e-03	9.1	9.1	9.1	9.1	-7.6	-2.2	-1.3	4.7	-41.4	-5.8
6636	ok	0.0	0.5	1.07e-02	9.1	9.1	9.1	9.1	-9.2	-2.6	-0.9	9.2	-41.5	-5.6
6637	ok	0.0	0.4	1.19e-02	9.1	9.1	9.1	9.1	-10.7	-3.0	-0.7	15.9	-38.6	-6.2
6638	ok	0.0	0.4	1.32e-02	9.1	9.1	9.1	9.1	-12.1	-3.7	-0.8	25.4	-31.6	-7.9
6639	ok	0.0	0.6	1.65e-02	9.1	9.1	9.1	9.1	-15.8	-4.7	-0.7	48.5	-19.0	-11.2
6640	ok	0.0	0.9	2.03e-02	9.1	9.1	9.1	9.1	-15.7	-7.6	-3.7	76.5	25.2	-14.4
6641	ok	0.0	0.3	7.60e-03	9.1	9.1	9.1	9.1	-7.9	-0.1	-9.55e-02	-5.7	-23.8	5.9
6642	ok	0.0	0.3	7.57e-03	9.1	9.1	9.1	9.1	-7.3	-6.47e-02	-0.6	-6.2	-25.8	4.1
6643	ok	0.0	0.3	7.56e-03	9.1	9.1	9.1	9.1	-7.3	-0.4	-1.4	-5.3	-27.9	1.3
6644	ok	0.0	0.3	7.53e-03	9.1	9.1	9.1	9.1	-5.9	-0.6	-1.8	-3.9	-29.6	-2.2
6645	ok	0.0	0.4	2.17e-02	9.1	9.1	9.1	9.1	-21.4	-6.81e-02	0.8	-8.2	-2.9	25.1
6646	ok	0.0	0.4	8.26e-03	9.1	9.1	9.1	9.1	-9.1	-0.5	0.4	-5.6	-29.4	7.3
6647	ok	0.0	0.4	9.35e-03	9.1	9.1	9.1	9.1	-10.2	-0.9	0.9	-5.4	-32.4	9.2
6648	ok	0.0	0.4	1.05e-02	9.1	9.1	9.1	9.1	-11.5	-1.1	1.4	-5.2	-32.6	11.4
6649	ok	0.0	0.4	1.17e-02	9.1	9.1	9.1	9.1	-12.8	-1.3	1.7	-5.0	-30.0	13.8
6650	ok	0.0	0.4	1.32e-02	9.1	9.1	9.1	9.1	-14.2	-1.2	2.0	-5.0	-24.7	16.1
6652	ok	0.0	0.3	1.50e-02	9.1	9.1	9.1	9.1	-15.8	-0.9	2.1	-5.5	-17.3	17.7
6653	ok	0.0	0.3	1.98e-02	9.1	9.1	9.1	9.1	-20.5	-0.5	1.7	-7.3	-9.4	20.3
6654	ok	0.0	0.3	2.23e-02	9.1	9.1	9.1	9.1	-20.1	-0.2	1.2	10.2	-0.4	26.0
6655	ok	0.0	0.5	2.26e-02	9.1	9.1	9.1	9.1	-27.2	-9.2	5.7	34.1	6.7	23.9
6656	ok	0.0	0.8	2.19e-02	9.1	9.1	9.1	9.1	-24.1	-4.1	-4.9	55.9	46.9	21.2
6657	ok	0.0	0.4	8.49e-03	9.1	9.1	9.1	9.1	-8.5	-0.6	-4.17e-03	-4.5	-31.4	5.9
6691	ok	0.0	0.4	8.52e-03	9.1	9.1	9.1	9.1	-8.3	-1.0	-0.7	-2.6	-33.5	3.3
6692	ok	0.0	0.4	8.52e-03	9.1	9.1	9.1	9.1	-7.3	-1.2	-1.1	-0.7	-35.4	-0.4
6693	ok	0.0	0.4	9.50e-03	9.1	9.1	9.1	9.1	-9.8	-1.1	0.6	-2.6	-34.5	8.0
6694	ok	0.0	0.4	9.56e-03	9.1	9.1	9.1	9.1	-9.2	-1.6	-7.44e-02	0.7	-36.7	5.5
6695	ok	0.0	0.4	9.59e-03	9.1	9.1	9.1	9.1	-8.6	-1.9	-0.6	3.4	-38.8	1.7
6696	ok	0.0	0.4	1.04e-02	9.1	9.1	9.1	9.1	-11.0	-1.5	1.1	-0.4	-34.7	10.6
6697	ok	0.0	0.4	1.07e-02	9.1	9.1	9.1	9.1	-10.1	-2.1	0.5	4.7	-37.1	8.1
6698	ok	0.0	0.4	1.07e-02	9.1	9.1	9.1	9.1	-9.6	-2.5	-4.67e-02	8.7	-39.3	3.8
6699	ok	0.0	0.4	1.17e-02	9.1	9.1	9.1	9.1	-11.7	-2.0	1.5	2.2	-31.8	13.6
6700	ok	0.0	0.4	1.18e-02	9.1	9.1	9.1	9.1	-11.1	-2.6	1.1	9.7	-34.2	11.2
6701	ok	0.0	0.4	1.19e-02	9.1	9.1	9.1	9.1	-10.6	-3.2	0.5	15.8	-36.8	6.2
6702	ok	0.0	0.4	1.31e-02	9.1	9.1	9.1	9.1	-12.9	-2.2	2.1	4.6	-25.7	16.8
6703	ok	0.0	0.4	1.32e-02	9.1	9.1	9.1	9.1	-12.4	-3.2	1.7	16.0	-27.4	14.9
6704	ok	0.0	0.4	1.30e-02	9.1	9.1	9.1	9.1	-11.5	-4.0	1.0	25.5	-30.1	9.3
6705	ok	0.0	0.3	1.53e-02	9.1	9.1	9.1	9.1	-14.5	-1.9	2.4	6.5	-16.3	19.1
6706	ok	0.0	0.4	1.64e-02	9.1	9.1	9.1	9.1	-16.9	-3.7	3.3	23.5	-17.9	19.7
6707	ok	0.0	0.6	1.66e-02	9.1	9.1	9.1	9.1	-15.3	-5.4	1.9	48.6	-17.7	13.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
6708	ok	0.0	0.3	2.02e-02	9.1	9.1	9.1	9.1	-21.1	-1.2	2.1	9.1	-5.7	21.8
6709	ok	0.0	0.5	2.03e-02	9.1	9.1	9.1	9.1	-18.5	-2.8	2.1	32.4	0.6	23.2
6710	ok	0.0	0.9	2.02e-02	9.1	9.2	9.1	9.1	-30.5	-16.0	6.5	58.8	25.0	13.9
6712	ok	0.0	0.4	2.07e-02	9.1	9.1	9.1	9.1	-20.2	-1.52e-02	0.6	-27.4	-4.7	20.0
6713	ok	0.0	0.2	4.86e-03	9.1	9.1	9.1	9.1	2.0	-0.1	-5.2	-4.3	2.4	18.6
6716	ok	0.0	0.3	1.91e-03	9.1	9.1	9.1	9.1	0.3	-10.0	1.7	-5.4	-15.6	-13.1
6717	ok	0.0	0.2	2.03e-03	9.1	9.1	9.1	9.1	1.39e-02	-11.0	1.4	-6.8	-11.1	-10.1
6718	ok	0.0	0.5	5.05e-03	9.1	9.1	9.1	9.1	-22.4	-0.4	5.8	-46.8	-41.7	-1.8
6719	ok	0.0	0.2	2.12e-03	9.1	9.1	9.1	9.1	-0.2	-12.0	1.3	-8.3	-6.8	-6.3
6720	ok	0.0	0.6	3.98e-03	9.1	9.1	9.1	9.1	-8.07e-02	-26.4	2.7	-4.4	-31.9	33.8
6721	ok	0.0	0.4	2.12e-02	9.1	9.1	9.1	9.1	-20.7	-3.06e-02	0.6	-19.2	-4.0	23.0
6722	ok	0.0	0.5	5.28e-03	9.1	9.1	9.1	9.1	-22.6	-1.8	6.3	-49.8	-40.9	1.2
6725	ok	0.0	0.3	1.99e-03	9.1	9.1	9.1	9.1	24.9	1.6	9.1	14.8	-6.0	-11.9
6726	ok	0.0	0.3	1.50e-03	9.1	9.1	9.1	9.1	42.6	3.5	15.8	-10.4	-3.8	-12.2
6731	ok	0.0	0.5	2.02e-02	9.1	9.1	9.1	9.1	-19.8	-1.19e-02	0.5	-32.6	-5.1	17.1
6748	ok	0.0	0.5	1.98e-02	9.1	9.1	9.1	9.1	-19.4	-1.28e-02	0.5	-36.5	-5.3	13.8
6755	ok	0.0	0.4	2.14e-03	9.1	9.1	9.1	9.1	0.5	-11.6	1.6	-3.3	-28.2	-18.6
6756	ok	0.0	0.5	3.65e-03	9.1	9.1	9.1	9.1	9.5	2.1	13.9	-12.4	-6.0	-29.8
6761	ok	0.0	0.5	5.84e-03	9.1	9.1	9.1	9.1	-34.0	-15.9	7.6	14.3	-3.9	-36.8
6762	ok	0.0	0.4	2.89e-03	9.1	9.1	9.1	9.1	-3.64e-02	-18.0	3.39e-02	-0.4	-29.7	-17.1
6763	ok	0.0	0.4	1.86e-03	9.1	9.1	9.1	9.1	0.8	-9.6	2.5	-3.2	-25.6	-19.3
6764	ok	0.0	0.4	1.54e-03	9.1	9.1	9.1	9.1	1.4	-7.0	4.2	-2.4	-19.2	-20.9
6765	ok	0.0	0.4	1.28e-03	9.1	9.1	9.1	9.1	4.8	-3.3	7.0	-4.4	-12.6	-23.7
6766	ok	0.0	0.4	2.00e-03	9.1	9.1	9.1	9.1	5.6	-11.6	-0.5	-9.9	-14.7	-19.9
6771	ok	0.0	0.4	2.55e-03	9.1	9.1	9.1	9.1	-0.1	-15.3	0.4	-0.5	-21.9	-20.1
6819	ok	0.0	0.5	1.92e-02	9.1	9.1	9.1	9.1	-18.9	-1.71e-02	0.5	-39.7	-5.5	9.0
6832	ok	0.0	0.4	1.78e-02	9.1	9.1	9.1	9.1	-18.2	-2.42e-02	0.3	-38.7	-5.3	-1.7
6877	ok	0.0	0.5	1.85e-02	9.1	9.1	9.1	9.1	-18.5	-2.18e-02	0.4	-40.5	-5.5	3.7
6951	ok	0.0	0.3	1.63e-02	9.1	9.1	9.1	9.1	-17.8	-2.08e-02	0.2	-26.8	-4.4	-11.3
7010	ok	0.0	0.4	1.71e-02	9.1	9.1	9.1	9.1	-17.9	-2.35e-02	0.3	-34.2	-4.9	-6.8
7205	ok	0.0	0.3	1.43e-02	9.1	9.1	9.1	9.1	-18.2	0.5	-0.3	12.1	-1.3	-19.3
7318	ok	0.0	0.2	1.49e-02	9.1	9.1	9.1	9.1	-17.9	-4.10e-02	-5.31e-02	-4.3	-2.8	-17.8
7321	ok	0.0	0.3	1.56e-02	9.1	9.1	9.1	9.1	-17.7	-2.51e-02	0.1	-17.1	-3.8	-15.0
8489	ok	0.0	1.0	1.14e-02	9.1	15.2	9.1	14.9	-46.2	-15.6	9.4	95.7	107.9	-36.1
8497	ok	0.0	0.6	1.27e-02	9.1	9.1	9.1	9.1	-16.2	-5.0	4.2	31.6	25.8	-24.0
8505	ok	0.0	0.6	1.17e-02	9.1	9.1	9.1	9.1	-18.3	-10.7	6.1	53.5	18.0	-6.7
8513	ok	0.0	0.4	1.13e-02	9.1	9.1	9.1	9.1	-43.2	-7.9	10.4	28.0	10.6	-6.2
8521	ok	0.0	0.1	1.01e-02	9.1	9.1	9.1	9.1	-16.7	-0.1	1.0	-2.6	-3.6	-6.0
8529	ok	0.0	0.2	1.10e-02	9.1	9.1	9.1	9.1	-18.5	0.2	1.6	14.3	-2.4	-2.6
8531	ok	0.0	0.2	2.26e-03	9.1	9.1	9.1	9.1	-1.0	-11.4	3.4	-9.3	5.0	9.4
8537	ok	0.0	0.5	6.99e-03	9.1	9.1	9.1	9.1	-12.1	-2.01e-02	0.8	-34.7	-2.8	-18.3
8538	ok	0.0	0.4	2.56e-03	9.1	9.1	9.1	9.1	-6.3	-3.6	11.5	-12.4	-4.7	-18.1
8539	ok	0.0	0.7	1.25e-02	9.1	9.1	9.1	9.1	-25.0	-5.0	-5.9	61.5	12.7	-14.2
8540	ok	0.0	0.2	1.34e-03	9.1	9.1	9.1	9.1	4.3	-0.3	8.0	4.9	-13.3	-12.5
8541	ok	0.0	0.3	1.47e-03	9.1	9.1	9.1	9.1	12.5	0.1	11.4	-5.1	-10.7	-13.7
8542	ok	0.0	0.4	2.73e-03	9.1	9.1	9.1	9.1	-6.93e-02	-17.0	0.2	-0.3	-26.6	-18.5
8543	ok	0.0	0.3	1.20e-03	9.1	9.1	9.1	9.1	7.2	-1.3	9.9	-8.3	-10.6	-18.4
8544	ok	0.0	0.3	1.36e-03	9.1	9.1	9.1	9.1	7.5	-0.6	9.4	-1.6	-18.4	-13.6
8545	ok	0.0	0.4	7.74e-03	9.1	9.1	9.1	9.1	-12.7	-3.15e-03	0.8	-30.9	-3.4	-15.8
8546	ok	0.0	0.3	8.47e-03	9.1	9.1	9.1	9.1	-13.4	3.96e-03	0.8	-24.1	-3.7	-12.8
8547	ok	0.0	0.2	9.24e-03	9.1	9.1	9.1	9.1	-14.2	-1.28e-02	0.8	-14.7	-3.8	-9.4
8548	ok	0.0	0.3	1.24e-03	9.1	9.1	9.1	9.1	5.3	-1.8	6.8	-5.0	-17.0	-16.8
8549	ok	0.0	7.03e-02	3.25e-04	9.1	9.1	9.1	9.1	1.4	0.7	-1.0	-4.9	-0.5	1.9
8552	ok	0.0	0.3	1.49e-03	9.1	9.1	9.1	9.1	4.5	-2.4	7.0	-1.8	-21.7	-14.9
8555	ok	0.0	0.3	3.20e-03	9.1	9.1	9.1	9.1	-3.61e-02	-20.3	-3.94e-03	0.1	-29.6	-2.4
8556	ok	0.0	0.1	3.14e-03	9.1	9.1	9.1	9.1	-1.2	-19.6	1.6	2.3	-12.4	-4.4
8558	ok	0.0	0.2	3.08e-03	9.1	9.1	9.1	9.1	-0.4	-19.4	0.4	0.5	-20.9	-3.1
8559	ok	0.0	0.3	3.16e-03	9.1	9.1	9.1	9.1	-0.1	-20.0	5.80e-02	0.2	-26.5	-2.6
8560	ok	0.0	0.1	3.48e-03	9.1	9.1	9.1	9.1	3.31e-03	-20.7	-3.16e-03	0.2	-15.5	1.3
8561	ok	0.0	0.2	3.39e-03	9.1	9.1	9.1	9.1	4.06e-03	-20.3	0.2	-1.7	-15.8	9.5
8562	ok	0.0	0.2	2.99e-03	9.1	9.1	9.1	9.1	-0.3	-18.6	1.2	-9.4	-9.4	10.5
8563	ok	0.0	0.5	3.84e-03	9.1	9.1	9.1	9.1	9.22e-03	-24.8	0.7	-1.1	-27.6	26.1
8564	ok	0.0	0.2	3.63e-03	9.1	9.1	9.1	9.1	2.32e-03	-22.2	1.77e-03	0.2	-18.9	2.3
8566	ok	0.0	0.4	3.67e-03	9.1	9.1	9.1	9.1	-9.85e-03	-23.2	0.5	-1.3	-23.0	22.3
8569	ok	0.0	0.5	6.09e-03	9.1	9.1	9.1	9.1	-11.5	-0.1	0.5	-32.6	-1.0	-20.3
8572	ok	0.0	0.2	3.54e-03	9.1	9.1	9.1	9.1	3.60e-03	-21.3	-2.05e-03	0.2	-16.7	1.9
8574	ok	0.0	9.81e-02	2.42e-03	9.1	9.1	9.1	9.1	-15.2	-1.9	0.7	-8.5	-3.6	2.8
8575	ok	0.0	0.3	9.55e-04	9.1	9.1	9.1	9.1	49.2	3.2	-1.6	-18.2	2.1	-5.5
8576	ok	0.0	0.3	3.54e-03	9.1	9.1	9.1	9.1	4.40e-03	-21.8	0.4	-1.5	-19.0	17.6
8577	ok	0.0	0.3	4.80e-03	9.1	9.1	9.1	9.1	-14.0	-7.6	-2.6	-13.4	9.4	-17.6
8578	ok	0.0	0.2	3.36e-03	9.1	9.1	9.1	9.1	-8.44e-04	-20.0	-7.04e-03	0.2	-22.9	-1.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
8579	ok	0.0	0.3	3.46e-03	9.1	9.1	9.1	9.1	4.89e-03	-21.0	0.3	-1.7	-17.0	13.6
8580	ok	0.0	0.5	4.85e-03	9.1	9.1	9.1	9.1	-23.0	0.6	4.7	-44.4	-40.6	-4.0
8581	ok	0.0	0.3	3.13e-03	9.1	9.1	9.1	9.1	-0.3	-20.2	1.8	-8.6	-13.5	20.4
8582	ok	0.0	0.3	3.06e-03	9.1	9.1	9.1	9.1	-0.3	-19.3	1.5	-9.1	-10.7	15.6
8583	ok	0.0	0.3	3.27e-03	9.1	9.1	9.1	9.1	-1.09e-02	-20.3	-1.26e-02	0.1	-30.3	-2.1
8584	ok	0.0	0.3	3.33e-03	9.1	9.1	9.1	9.1	-4.40e-03	-20.2	-1.11e-02	0.1	-29.0	-1.8
8585	ok	0.0	0.4	5.34e-03	9.1	9.1	9.1	9.1	-11.7	-1.2	-9.72e-02	-25.4	1.4	-19.4
8586	ok	0.0	0.3	3.35e-03	9.1	9.1	9.1	9.1	-2.10e-03	-20.1	-8.74e-03	0.2	-26.3	-1.4
8587	ok	0.0	0.3	3.21e-03	9.1	9.1	9.1	9.1	-7.41e-03	-19.0	-5.88e-02	-1.2	-23.1	-7.2
8588	ok	0.0	0.4	3.03e-03	9.1	9.1	9.1	9.1	-2.71e-02	-18.5	-4.95e-02	-0.6	-30.3	-15.3
8589	ok	0.0	0.4	3.12e-03	9.1	9.1	9.1	9.1	-2.05e-02	-18.7	-8.10e-02	-0.7	-29.0	-13.1
8590	ok	0.0	0.5	8.70e-03	9.1	9.1	9.1	9.1	-17.3	-25.3	35.9	-35.5	-16.0	-17.7
8591	ok	0.0	0.6	9.80e-03	9.1	9.1	9.1	9.1	-18.2	-11.1	-5.2	49.0	9.5	-13.3
8704	ok	0.0	0.5	7.82e-03	9.1	9.1	9.1	9.1	-13.5	-22.5	-3.7	37.5	5.7	-14.1
8708	ok	0.0	0.7	4.11e-03	9.1	9.1	9.1	9.1	-12.0	-5.9	6.3	2.2	54.1	-23.8
8782	ok	0.0	0.4	5.73e-03	9.1	9.1	9.1	9.1	24.6	-34.4	-0.9	-21.3	-11.7	-22.6
8791	ok	0.0	0.6	6.34e-03	9.1	9.1	9.1	9.1	32.9	-31.4	24.4	-34.9	-17.6	-22.0
8792	ok	0.0	0.9	1.69e-02	9.1	9.1	9.1	9.1	-37.1	-5.3	-3.0	76.8	16.6	-14.6
9055	ok	0.0	0.9	2.25e-02	9.1	10.9	9.1	9.1	-40.6	117.4	-1.3	74.5	31.9	-33.1
9060	ok	0.0	1.0	2.44e-02	9.1	16.1	9.1	18.2	-164.8	68.9	50.3	124.4	114.8	-48.3
9187	ok	0.0	1.0	4.37e-03	9.1	15.4	10.2	22.3	-12.4	-12.7	10.6	106.8	157.7	-41.7
9195	ok	0.0	0.2	3.36e-03	9.1	9.1	9.1	9.1	-9.3	-4.7	4.6	-4.3	10.6	13.4
9203	ok	0.0	0.8	5.20e-03	9.1	9.1	9.1	9.1	-10.7	-1.7	-6.7	12.5	62.7	20.2
9211	ok	0.0	0.4	2.28e-03	9.1	9.1	9.1	9.1	-6.6	-0.4	1.0	-28.5	1.48e-03	21.8
9220	ok	0.0	0.3	2.64e-03	9.1	9.1	9.1	9.1	-8.2	-1.9	2.2	-18.0	3.1	19.9
9632	ok	0.0	0.5	2.18e-03	9.1	9.1	9.1	9.1	-5.5	-0.3	0.2	-36.3	-2.5	21.7
9743	ok	0.0	0.5	2.20e-03	9.1	9.1	9.1	9.1	-5.5	-0.2	-0.5	-36.3	-3.3	19.2
10790	ok	0.0	0.3	5.40e-03	9.1	9.1	9.1	9.1	-29.0	-3.6	-0.5	-17.3	-2.4	9.4
13085	ok	0.0	0.5	9.08e-03	9.1	9.1	9.1	9.1	4.19e-03	-44.2	-6.6	-2.4	-40.9	-20.7
13086	ok	0.0	0.5	9.02e-03	9.1	9.1	9.1	9.1	1.0	-41.7	-5.1	-1.8	-40.5	-20.1
13087	ok	0.0	0.2	6.78e-03	9.1	9.1	9.1	9.1	-13.7	-1.6	-1.3	-10.6	4.9	-15.5
13088	ok	0.0	0.7	6.75e-03	9.1	9.1	9.1	9.1	-13.2	-2.2	-1.7	45.8	59.2	3.0
13089	ok	0.0	0.4	6.46e-03	9.1	9.1	9.1	9.1	-13.9	-1.2	-0.8	16.1	30.1	-5.1
13090	ok	0.0	1.0	7.38e-03	9.1	13.8	9.1	11.2	-8.0	0.9	-6.6	97.0	72.3	36.0
13091	ok	0.0	1.0	6.31e-03	9.1	19.7	9.1	9.6	-13.5	3.4	9.6	164.6	41.6	-22.0
13092	ok	0.0	0.9	1.80e-02	9.1	9.1	12.8	10.4	6.0	-81.6	-11.8	5.2	101.2	-9.7
13093	ok	0.0	0.8	1.35e-02	9.1	9.1	9.1	9.1	4.8	15.2	-8.3	-3.0	-71.7	-4.8
13094	ok	0.0	0.6	9.81e-03	9.1	9.1	9.1	9.1	0.4	-1.7	-3.3	-2.2	-56.8	-7.7
13095	ok	0.0	0.6	6.68e-03	9.1	9.1	9.1	9.1	-17.7	4.8	0.3	27.0	44.5	-16.7
13096	ok	0.0	1.0	8.19e-03	9.1	13.0	9.1	12.2	-14.7	-3.9	-1.6	94.5	86.0	-32.1
13097	ok	0.0	0.4	5.87e-03	9.1	9.1	9.1	9.1	-16.6	-0.1	3.6	-36.5	-15.4	-5.7
13098	ok	0.0	0.3	6.00e-03	9.1	9.1	9.1	9.1	-16.9	9.84e-02	3.3	-27.7	-6.5	-7.3
13099	ok	0.0	0.2	6.16e-03	9.1	9.1	9.1	9.1	-17.9	-3.62e-02	2.6	-16.1	5.9	-9.2
13101	ok	0.0	0.3	6.26e-03	9.1	9.1	9.1	9.1	-18.4	-0.2	2.5	1.3	19.7	-12.0
13102	ok	0.0	0.5	5.79e-03	9.1	9.1	9.1	9.1	-16.2	-0.7	4.1	-45.4	-25.9	-3.2
13104	ok	0.0	0.6	5.58e-03	9.1	9.1	9.1	9.1	-16.3	-2.0	4.4	-51.5	-33.6	0.6
13105	ok	0.0	0.5	5.66e-03	9.1	9.1	9.1	9.1	-16.0	-1.1	4.5	-48.7	-30.8	-1.6
13106	ok	0.0	0.6	5.51e-03	9.1	9.1	9.1	9.1	-16.0	-2.5	4.8	-52.4	-36.5	2.9
13107	ok	0.0	0.6	5.44e-03	9.1	9.1	9.1	9.1	-15.6	-3.3	5.4	-52.2	-38.1	6.0
13108	ok	0.0	0.6	5.23e-03	9.1	9.1	9.1	9.1	-15.2	-4.3	6.2	-49.8	-36.8	10.3
13109	ok	0.0	0.6	5.32e-03	9.1	9.1	9.1	9.1	-15.4	-3.8	5.8	-51.3	-38.0	8.3
13110	ok	0.0	0.6	5.01e-03	9.1	9.1	9.1	9.1	-15.0	-5.2	6.6	-45.0	-32.4	13.5
13111	ok	0.0	0.6	5.13e-03	9.1	9.1	9.1	9.1	-15.1	-4.7	6.4	-47.7	-35.0	12.0
13112	ok	0.0	0.5	4.88e-03	9.1	9.1	9.1	9.1	-14.7	-6.2	7.7	-38.4	-26.9	15.4
13113	ok	0.0	0.5	4.95e-03	9.1	9.1	9.1	9.1	-15.0	-7.0	8.0	-29.6	-19.5	17.5
13115	ok	0.0	0.4	4.71e-03	9.1	9.1	9.1	9.1	-15.4	-7.4	8.2	-24.1	-15.3	18.7
13116	ok	0.0	0.3	4.97e-03	9.1	9.1	9.1	9.1	-3.3	-20.8	-0.6	-4.4	-14.1	18.9
13117	ok	0.0	0.4	5.90e-03	9.1	9.1	9.1	9.1	-2.1	0.6	-4.6	10.9	-20.4	17.0
13118	ok	0.0	0.5	7.60e-03	9.1	9.1	9.1	9.1	-25.0	-30.5	24.6	18.9	37.0	1.4
13119	ok	0.0	0.6	1.02e-02	9.1	9.1	9.1	9.1	-11.6	-63.4	19.4	22.9	50.8	8.1
13120	ok	0.0	0.3	7.57e-03	9.1	9.1	9.1	9.1	-8.7	-0.6	0.4	-2.3	-21.3	5.6
13122	ok	0.0	0.3	8.42e-03	9.1	9.1	9.1	9.1	-9.8	-0.7	0.8	-5.6	-26.9	6.5
13123	ok	0.0	0.4	9.40e-03	9.1	9.1	9.1	9.1	-10.9	-0.8	1.2	-8.5	-29.7	7.8
13124	ok	0.0	0.4	1.04e-02	9.1	9.1	9.1	9.1	-12.0	-0.8	1.5	-11.1	-30.0	9.5
13125	ok	0.0	0.4	1.16e-02	9.1	9.1	9.1	9.1	-13.1	-0.8	1.7	-13.5	-28.0	11.2
13126	ok	0.0	0.4	1.29e-02	9.1	9.1	9.1	9.1	-14.3	-0.6	1.7	-15.9	-23.9	12.7
13127	ok	0.0	0.3	1.44e-02	9.1	9.1	9.1	9.1	-15.4	-0.4	1.6	-18.4	-18.4	13.6
13129	ok	0.0	0.4	1.88e-02	9.1	9.1	9.1	9.1	-19.5	-0.1	1.2	-24.4	-12.2	15.9
13130	ok	0.0	0.2	7.50e-03	9.1	9.1	9.1	9.1	-9.0	-0.9	0.4	-0.6	-20.4	4.0
13132	ok	0.0	0.3	8.37e-03	9.1	9.1	9.1	9.1	-10.0	-0.9	0.9	-5.4	-25.9	4.8
13133	ok	0.0	0.3	9.32e-03	9.1	9.1	9.1	9.1	-11.1	-0.9	1.2	-9.4	-28.7	6.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13134	ok	0.0	0.4	1.03e-02	9.1	9.1	9.1	9.1	-12.1	-0.8	1.4	-12.9	-29.0	7.8
13135	ok	0.0	0.4	1.15e-02	9.1	9.1	9.1	9.1	-13.2	-0.7	1.6	-16.0	-27.2	9.4
13136	ok	0.0	0.4	1.27e-02	9.1	9.1	9.1	9.1	-14.3	-0.5	1.6	-19.1	-23.6	10.6
13137	ok	0.0	0.3	1.41e-02	9.1	9.1	9.1	9.1	-15.2	-0.3	1.4	-22.0	-18.7	11.5
13139	ok	0.0	0.4	1.84e-02	9.1	9.1	9.1	9.1	-19.1	-0.1	1.1	-29.1	-12.8	13.6
13140	ok	0.0	0.2	7.41e-03	9.1	9.1	9.1	9.1	-10.1	-1.2	0.2	1.5	-19.4	1.1
13141	ok	0.0	0.3	8.30e-03	9.1	9.1	9.1	9.1	-10.3	-1.1	0.8	-5.3	-24.8	2.4
13142	ok	0.0	0.3	9.25e-03	9.1	9.1	9.1	9.1	-11.3	-1.0	1.1	-10.2	-27.5	4.0
13143	ok	0.0	0.3	1.02e-02	9.1	9.1	9.1	9.1	-12.3	-0.9	1.4	-14.4	-28.0	5.6
13144	ok	0.0	0.3	1.13e-02	9.1	9.1	9.1	9.1	-13.2	-0.7	1.5	-18.1	-26.5	7.1
13146	ok	0.0	0.3	1.25e-02	9.1	9.1	9.1	9.1	-14.2	-0.5	1.4	-21.5	-23.2	8.3
13147	ok	0.0	0.3	1.38e-02	9.1	9.1	9.1	9.1	-15.1	-0.3	1.3	-24.8	-18.7	9.1
13148	ok	0.0	0.4	1.80e-02	9.1	9.1	9.1	9.1	-18.8	-9.26e-02	1.0	-32.7	-13.2	10.9
13149	ok	0.0	0.2	7.33e-03	9.1	9.1	9.1	9.1	-10.5	-1.7	5.55e-02	1.8	-17.6	-3.9
13150	ok	0.0	0.2	7.35e-03	9.1	9.1	9.1	9.1	-11.0	-2.2	-0.5	-5.6	-11.4	-13.0
13151	ok	0.0	0.2	7.31e-03	9.1	9.1	9.1	9.1	-10.3	-2.1	-0.1	-1.2	-14.9	-9.2
13153	ok	0.0	0.2	7.28e-03	9.1	9.1	9.1	9.1	-12.2	-1.8	-0.9	-11.1	-3.7	-14.5
13154	ok	0.0	0.3	7.74e-03	9.1	9.1	9.1	9.1	-11.7	-2.1	-0.8	-9.5	-7.6	-14.6
13155	ok	0.0	0.2	6.91e-03	9.1	9.1	9.1	9.1	-13.7	-1.3	-0.9	1.8	11.8	-7.1
13156	ok	0.0	0.1	7.01e-03	9.1	9.1	9.1	9.1	-13.5	-1.5	-1.0	-5.8	5.7	-10.7
13157	ok	0.0	0.2	7.12e-03	9.1	9.1	9.1	9.1	-13.3	-1.7	-1.1	-9.9	0.9	-13.2
13158	ok	0.0	0.6	6.84e-03	9.1	9.1	9.1	9.1	-14.1	0.5	-1.4	49.0	37.0	7.4
13160	ok	0.0	0.3	6.81e-03	9.1	9.1	9.1	9.1	-13.7	-1.0	-0.8	18.4	21.7	-1.2
13161	ok	0.0	0.9	6.72e-03	9.1	9.1	9.1	9.1	-13.8	1.5	-1.5	83.8	37.0	6.2
13162	ok	0.0	0.9	7.58e-03	9.1	11.0	9.1	9.1	-15.8	1.6	-0.2	99.3	33.8	-9.2
13163	ok	0.0	0.6	6.59e-03	9.1	9.1	9.1	9.1	-18.4	8.68e-03	1.8	26.9	29.1	-23.4
13164	ok	0.0	0.9	6.27e-03	9.1	10.1	9.1	9.1	-22.6	2.3	0.1	73.9	35.4	-27.3
13165	ok	0.0	0.4	5.91e-03	9.1	9.1	9.1	9.1	-16.2	-0.4	3.4	-35.1	-15.5	-9.2
13167	ok	0.0	0.3	6.03e-03	9.1	9.1	9.1	9.1	-16.4	-0.1	3.1	-26.2	-7.7	-11.4
13168	ok	0.0	0.2	6.14e-03	9.1	9.1	9.1	9.1	-17.2	-0.3	2.4	-14.4	2.7	-14.2
13169	ok	0.0	0.3	6.39e-03	9.1	9.1	9.1	9.1	-17.4	-0.2	2.1	2.9	13.1	-17.4
13170	ok	0.0	0.5	5.80e-03	9.1	9.1	9.1	9.1	-15.8	-0.9	4.0	-43.7	-25.2	-6.0
13171	ok	0.0	0.5	5.56e-03	9.1	9.1	9.1	9.1	-15.2	-1.9	4.8	-48.6	-33.6	-1.5
13172	ok	0.0	0.5	5.66e-03	9.1	9.1	9.1	9.1	-15.5	-1.4	4.3	-46.8	-30.0	-3.9
13174	ok	0.0	0.5	5.46e-03	9.1	9.1	9.1	9.1	-15.2	-2.8	4.6	-50.1	-35.7	1.7
13175	ok	0.0	0.6	5.35e-03	9.1	9.1	9.1	9.1	-14.8	-3.6	5.2	-49.9	-37.4	5.7
13176	ok	0.0	0.6	5.10e-03	9.1	9.1	9.1	9.1	-14.3	-4.5	6.0	-47.7	-36.5	11.1
13177	ok	0.0	0.6	5.21e-03	9.1	9.1	9.1	9.1	-14.5	-4.1	5.6	-49.1	-37.5	8.5
13178	ok	0.0	0.6	4.82e-03	9.1	9.1	9.1	9.1	-13.8	-5.3	6.5	-43.5	-32.8	15.0
13179	ok	0.0	0.6	4.96e-03	9.1	9.1	9.1	9.1	-14.0	-4.9	6.3	-45.9	-34.9	13.2
13181	ok	0.0	0.6	4.64e-03	9.1	9.1	9.1	9.1	-13.2	-6.3	7.6	-37.2	-28.3	17.5
13182	ok	0.0	0.5	4.64e-03	9.1	9.1	9.1	9.1	-12.9	-7.3	8.0	-28.8	-22.7	19.9
13183	ok	0.0	0.3	8.21e-03	9.1	9.1	9.1	9.1	-10.6	-1.4	0.7	-5.7	-23.0	-1.7
13184	ok	0.0	0.3	9.14e-03	9.1	9.1	9.1	9.1	-11.5	-1.2	1.0	-11.2	-25.7	0.5
13185	ok	0.0	0.3	1.01e-02	9.1	9.1	9.1	9.1	-12.4	-1.0	1.2	-15.8	-26.4	2.3
13186	ok	0.0	0.3	1.11e-02	9.1	9.1	9.1	9.1	-13.3	-0.7	1.2	-19.9	-25.3	3.9
13188	ok	0.0	0.3	1.23e-02	9.1	9.1	9.1	9.1	-14.1	-0.5	1.2	-23.6	-22.5	5.0
13189	ok	0.0	0.3	1.35e-02	9.1	9.1	9.1	9.1	-14.9	-0.3	1.1	-27.0	-18.5	5.8
13190	ok	0.0	0.4	1.75e-02	9.1	9.1	9.1	9.1	-18.4	-0.1	0.9	-35.6	-13.3	7.1
13191	ok	0.0	0.3	8.39e-03	9.1	9.1	9.1	9.1	-11.4	-1.9	7.79e-03	-9.8	-16.9	-9.5
13192	ok	0.0	0.3	9.03e-03	9.1	9.1	9.1	9.1	-12.0	-1.5	0.4	-13.6	-20.4	-6.6
13193	ok	0.0	0.3	9.76e-03	9.1	9.1	9.1	9.1	-12.7	-1.2	0.6	-17.0	-22.1	-4.4
13195	ok	0.0	0.3	1.06e-02	9.1	9.1	9.1	9.1	-13.4	-0.9	0.7	-20.2	-22.0	-2.9
13196	ok	0.0	0.3	1.17e-02	9.1	9.1	9.1	9.1	-14.0	-0.6	0.7	-23.4	-20.3	-1.9
13197	ok	0.0	0.3	1.27e-02	9.1	9.1	9.1	9.1	-14.6	-0.3	0.7	-26.5	-17.1	-1.3
13198	ok	0.0	0.4	1.63e-02	9.1	9.1	9.1	9.1	-17.9	-0.1	0.6	-34.8	-12.6	-1.2
13199	ok	0.0	0.3	8.15e-03	9.1	9.1	9.1	9.1	-11.0	-1.7	0.4	-7.5	-20.2	-6.1
13200	ok	0.0	0.3	8.99e-03	9.1	9.1	9.1	9.1	-11.8	-1.4	0.7	-12.5	-23.3	-3.4
13202	ok	0.0	0.3	1.00e-02	9.1	9.1	9.1	9.1	-12.5	-1.1	0.9	-16.8	-24.4	-1.3
13203	ok	0.0	0.3	1.09e-02	9.1	9.1	9.1	9.1	-13.3	-0.8	1.0	-20.7	-23.8	0.3
13204	ok	0.0	0.3	1.19e-02	9.1	9.1	9.1	9.1	-14.1	-0.5	1.0	-24.3	-21.5	1.4
13205	ok	0.0	0.3	1.31e-02	9.1	9.1	9.1	9.1	-14.7	-0.3	0.9	-27.7	-17.9	2.1
13206	ok	0.0	0.4	1.69e-02	9.1	9.1	9.1	9.1	-18.1	-0.1	0.7	-36.5	-13.1	2.9
13216	ok	0.0	0.2	8.11e-03	9.1	9.1	9.1	9.1	-12.3	-1.7	-0.5	-11.3	-9.5	-11.3
13224	ok	0.0	0.2	8.64e-03	9.1	9.1	9.1	9.1	-12.6	-1.5	-0.2	-11.7	-14.4	-9.1
13225	ok	0.0	0.3	9.32e-03	9.1	9.1	9.1	9.1	-13.0	-1.3	-6.16e-02	-12.6	-17.6	-7.7
13226	ok	0.0	0.3	1.01e-02	9.1	9.1	9.1	9.1	-13.5	-1.0	2.49e-02	-13.8	-18.7	-7.2
13227	ok	0.0	0.3	1.10e-02	9.1	9.1	9.1	9.1	-14.1	-0.7	7.34e-02	-15.6	-17.8	-7.2
13228	ok	0.0	0.3	1.19e-02	9.1	9.1	9.1	9.1	-14.6	-0.4	0.1	-17.8	-15.0	-7.4
13230	ok	0.0	0.3	1.50e-02	9.1	9.1	9.1	9.1	-17.8	-0.2	0.2	-23.7	-10.8	-8.6
13231	ok	0.0	0.3	8.29e-03	9.1	9.1	9.1	9.1	-11.9	-1.8	-0.3	-11.5	-13.2	-11.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13233	ok	0.0	0.3	8.86e-03	9.1	9.1	9.1	9.1	-12.3	-1.6	2.43e-02	-13.6	-17.3	-8.6
13234	ok	0.0	0.3	9.51e-03	9.1	9.1	9.1	9.1	-12.9	-1.3	0.2	-15.7	-19.7	-6.6
13235	ok	0.0	0.3	1.03e-02	9.1	9.1	9.1	9.1	-13.5	-1.0	0.3	-18.0	-20.3	-5.4
13236	ok	0.0	0.3	1.13e-02	9.1	9.1	9.1	9.1	-14.0	-0.6	0.4	-20.6	-19.0	-4.8
13237	ok	0.0	0.3	1.23e-02	9.1	9.1	9.1	9.1	-14.6	-0.4	0.4	-23.2	-16.1	-4.5
13238	ok	0.0	0.3	1.57e-02	9.1	9.1	9.1	9.1	-17.8	-0.1	0.4	-30.6	-11.8	-5.1
13239	ok	0.0	0.1	7.50e-03	9.1	9.1	9.1	9.1	-13.3	-1.4	-0.8	4.8	2.2	-4.2
13240	ok	0.0	0.1	8.05e-03	9.1	9.1	9.1	9.1	-13.0	-1.2	-0.4	7.0	-8.2	-3.9
13241	ok	0.0	0.2	8.57e-03	9.1	9.1	9.1	9.1	-13.2	-1.3	-0.4	8.8	-14.8	-5.1
13242	ok	0.0	0.2	9.09e-03	9.1	9.1	9.1	9.1	-13.5	-1.4	-0.4	9.9	-18.1	-7.6
13244	ok	0.0	0.2	9.59e-03	9.1	9.1	9.1	9.1	-14.0	-1.4	-0.4	10.7	-17.5	-10.5
13245	ok	0.0	0.2	1.06e-02	9.1	9.1	9.1	9.1	-15.8	-1.5	-1.3	11.4	-14.3	-14.3
13246	ok	0.0	0.3	1.35e-02	9.1	9.1	9.1	9.1	-17.8	-1.3	-8.77e-02	13.3	-5.0	-16.6
13247	ok	0.0	0.1	7.63e-03	9.1	9.1	9.1	9.1	-12.2	-1.6	-0.7	-3.2	-4.3	-7.0
13248	ok	0.0	0.2	7.72e-03	9.1	9.1	9.1	9.1	-12.6	-1.5	-0.6	-8.8	-6.1	-10.1
13249	ok	0.0	0.1	8.23e-03	9.1	9.1	9.1	9.1	-12.8	-1.5	-0.6	-1.6	-10.1	-6.4
13251	ok	0.0	0.2	8.52e-03	9.1	9.1	9.1	9.1	-12.8	-1.5	-0.4	-7.9	-11.9	-8.3
13252	ok	0.0	0.2	8.82e-03	9.1	9.1	9.1	9.1	-13.2	-1.3	-0.4	-0.5	-15.0	-6.8
13253	ok	0.0	0.2	9.14e-03	9.1	9.1	9.1	9.1	-13.1	-1.3	-0.3	-7.6	-16.0	-7.7
13254	ok	0.0	0.2	9.45e-03	9.1	9.1	9.1	9.1	-13.5	-1.3	-0.4	3.78e-02	-17.5	-8.1
13255	ok	0.0	0.2	9.80e-03	9.1	9.1	9.1	9.1	-13.6	-1.1	-0.2	-7.9	-17.8	-8.0
13256	ok	0.0	0.2	1.01e-02	9.1	9.1	9.1	9.1	-14.0	-1.2	-0.5	-0.2	-17.0	-10.0
13258	ok	0.0	0.2	1.06e-02	9.1	9.1	9.1	9.1	-14.1	-0.9	-0.2	-8.9	-17.1	-8.8
13259	ok	0.0	0.2	1.10e-02	9.1	9.1	9.1	9.1	-14.8	-0.8	-0.6	-1.0	-13.3	-11.6
13260	ok	0.0	0.2	1.14e-02	9.1	9.1	9.1	9.1	-14.7	-0.5	-0.2	-10.5	-14.1	-9.7
13261	ok	0.0	0.2	1.40e-02	9.1	9.1	9.1	9.1	-18.1	-0.4	-0.2	-2.6	-7.8	-13.9
13262	ok	0.0	0.3	1.44e-02	9.1	9.1	9.1	9.1	-17.9	-0.2	-3.11e-02	-14.6	-9.6	-11.4
13263	ok	0.0	0.5	7.49e-03	9.1	9.1	9.1	9.1	-15.0	0.5	-0.5	47.8	8.8	3.0
13265	ok	0.0	0.4	7.54e-03	9.1	9.1	9.1	9.1	-13.7	-0.2	-0.4	37.8	-7.7	0.6
13266	ok	0.0	0.4	7.88e-03	9.1	9.1	9.1	9.1	-13.6	-0.6	0.3	33.6	-18.1	-2.2
13267	ok	0.0	0.4	8.23e-03	9.1	9.1	9.1	9.1	-13.5	-1.3	0.5	32.7	-22.4	-4.2
13268	ok	0.0	0.4	8.53e-03	9.1	9.1	9.1	9.1	-13.4	-2.0	0.6	35.2	-21.9	-5.8
13269	ok	0.0	0.6	1.01e-02	9.1	9.1	9.1	9.1	-15.4	-3.0	0.2	50.4	-17.2	-8.2
13270	ok	0.0	0.8	1.02e-02	9.1	9.1	9.1	9.1	-39.1	-13.5	2.1	55.8	31.5	-16.2
13272	ok	0.0	0.2	7.40e-03	9.1	9.1	9.1	9.1	-13.4	-1.0	-0.7	21.0	7.2	1.7
13273	ok	0.0	0.2	7.86e-03	9.1	9.1	9.1	9.1	-13.1	-0.9	-0.3	22.1	-7.3	-6.93e-03
13274	ok	0.0	0.2	8.28e-03	9.1	9.1	9.1	9.1	-13.3	-1.1	-0.2	22.6	-16.0	-2.7
13275	ok	0.0	0.3	8.69e-03	9.1	9.1	9.1	9.1	-13.4	-1.4	-0.1	23.6	-20.3	-5.9
13276	ok	0.0	0.3	9.10e-03	9.1	9.1	9.1	9.1	-13.5	-1.8	-0.2	25.9	-19.9	-9.4
13277	ok	0.0	0.4	1.05e-02	9.1	9.1	9.1	9.1	-16.4	-2.2	-0.2	37.1	-14.2	-14.7
13279	ok	0.0	0.6	1.23e-02	9.1	9.1	9.1	9.1	-14.5	-4.7	-1.3	44.3	11.9	-17.8
13280	ok	0.0	0.7	7.64e-03	9.1	9.1	9.1	9.1	-16.2	0.9	0.1	66.1	7.2	-0.6
13281	ok	0.0	0.5	7.15e-03	9.1	9.1	9.1	9.1	-13.8	0.5	0.7	43.8	-9.9	-3.3
13282	ok	0.0	0.4	7.49e-03	9.1	9.1	9.1	9.1	-13.8	-0.3	1.0	37.0	-19.1	-4.3
13283	ok	0.0	0.4	7.87e-03	9.1	9.1	9.1	9.1	-13.7	-1.0	1.2	33.6	-22.9	-4.4
13284	ok	0.0	0.4	8.19e-03	9.1	9.1	9.1	9.1	-13.7	-1.8	1.5	33.7	-22.1	-3.5
13286	ok	0.0	0.5	9.80e-03	9.1	9.1	9.1	9.1	-16.9	-2.9	1.5	46.2	-16.0	-2.2
13287	ok	0.0	0.6	1.10e-02	9.1	9.1	9.1	9.1	-39.7	-17.7	7.9	46.5	15.6	-1.3
13288	ok	0.0	0.8	7.30e-03	9.1	9.1	9.1	9.1	-16.4	1.5	0.6	70.0	5.8	-8.6
13289	ok	0.0	0.5	6.92e-03	9.1	9.1	9.1	9.1	-14.0	0.7	1.2	45.0	-10.4	-7.6
13291	ok	0.0	0.4	7.28e-03	9.1	9.1	9.1	9.1	-14.0	-9.16e-02	1.5	36.0	-19.3	-7.0
13292	ok	0.0	0.3	7.66e-03	9.1	9.1	9.1	9.1	-13.9	-0.8	1.7	31.2	-22.5	-5.7
13293	ok	0.0	0.3	7.92e-03	9.1	9.1	9.1	9.1	-13.8	-1.5	2.0	29.1	-21.2	-3.6
13294	ok	0.0	0.4	9.33e-03	9.1	9.1	9.1	9.1	-16.2	-2.3	2.5	35.5	-15.0	-1.2
13295	ok	0.0	0.4	1.10e-02	9.1	9.1	9.1	9.1	-16.5	-3.4	2.3	34.6	-5.0	0.6
13296	ok	0.0	0.4	6.88e-03	9.1	9.1	9.1	9.1	-17.0	0.4	1.8	25.3	4.1	-23.8
13297	ok	0.0	0.3	6.69e-03	9.1	9.1	9.1	9.1	-14.5	0.1	2.6	18.7	-9.5	-19.4
13298	ok	0.0	0.3	7.10e-03	9.1	9.1	9.1	9.1	-14.4	-0.2	2.7	14.3	-16.8	-16.3
13299	ok	0.0	0.3	7.35e-03	9.1	9.1	9.1	9.1	-14.3	-0.5	2.8	10.1	-19.4	-12.9
13300	ok	0.0	0.2	7.56e-03	9.1	9.1	9.1	9.1	-14.3	-0.6	2.8	6.4	-18.3	-9.7
13302	ok	0.0	0.2	8.24e-03	9.1	9.1	9.1	9.1	-14.6	-0.4	2.7	2.9	-14.3	-7.3
13303	ok	0.0	0.1	9.68e-03	9.1	9.1	9.1	9.1	-17.3	-0.2	1.9	0.3	-9.2	-6.7
13304	ok	0.0	0.7	7.00e-03	9.1	9.1	9.1	9.1	-16.8	0.6	1.4	55.3	6.6	-20.9
13305	ok	0.0	0.4	6.78e-03	9.1	9.1	9.1	9.1	-14.2	0.6	2.0	36.0	-10.1	-15.0
13306	ok	0.0	0.3	7.13e-03	9.1	9.1	9.1	9.1	-14.2	-4.58e-02	2.2	28.0	-18.3	-12.1
13307	ok	0.0	0.3	7.43e-03	9.1	9.1	9.1	9.1	-14.1	-0.6	2.4	22.6	-21.1	-9.1
13309	ok	0.0	0.2	7.64e-03	9.1	9.1	9.1	9.1	-14.2	-1.0	2.6	18.6	-19.7	-6.3
13310	ok	0.0	0.2	9.05e-03	9.1	9.1	9.1	9.1	-16.0	-1.4	3.4	18.4	-15.4	-4.0
13311	ok	0.0	0.2	9.82e-03	9.1	9.1	9.1	9.1	-17.9	-0.9	2.0	16.6	-7.6	-3.0
13312	ok	0.0	0.4	6.01e-03	9.1	9.1	9.1	9.1	-15.4	-0.7	3.2	-32.4	-16.8	-13.6
13313	ok	0.0	0.5	6.09e-03	9.1	9.1	9.1	9.1	-14.8	-0.9	3.0	-29.9	-18.4	-16.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13314	ok	0.0	0.5	6.16e-03	9.1	9.1	9.1	9.1	-14.3	-1.0	2.8	-28.0	-18.9	-17.7
13316	ok	0.0	0.5	6.21e-03	9.1	9.1	9.1	9.1	-13.8	-0.9	2.5	-26.9	-17.9	-18.0
13317	ok	0.0	0.4	6.22e-03	9.1	9.1	9.1	9.1	-13.5	-0.7	2.2	-26.6	-15.4	-17.5
13319	ok	0.0	0.4	6.18e-03	9.1	9.1	9.1	9.1	-12.4	-0.5	1.5	-27.4	-11.4	-16.2
13320	ok	0.0	0.5	6.86e-03	9.1	9.1	9.1	9.1	-13.7	-0.2	1.2	-33.3	-7.3	-16.7
13321	ok	0.0	0.4	6.13e-03	9.1	9.1	9.1	9.1	-15.6	-0.5	3.0	-23.7	-11.2	-16.0
13322	ok	0.0	0.3	6.24e-03	9.1	9.1	9.1	9.1	-15.6	-0.3	2.7	-11.7	-5.6	-18.4
13323	ok	0.0	0.3	6.34e-03	9.1	9.1	9.1	9.1	-15.9	-0.5	2.0	3.7	1.3	-20.9
13324	ok	0.0	0.4	6.29e-03	9.1	9.1	9.1	9.1	-14.9	-0.7	2.9	-21.7	-15.0	-18.1
13326	ok	0.0	0.3	6.49e-03	9.1	9.1	9.1	9.1	-14.9	-0.5	2.8	-10.7	-12.1	-19.5
13327	ok	0.0	0.3	6.75e-03	9.1	9.1	9.1	9.1	-14.7	-0.4	2.7	3.1	-10.2	-20.2
13328	ok	0.0	0.4	6.44e-03	9.1	9.1	9.1	9.1	-14.4	-0.7	2.8	-20.7	-17.2	-18.5
13329	ok	0.0	0.4	6.72e-03	9.1	9.1	9.1	9.1	-14.5	-0.6	2.8	-10.9	-16.2	-18.8
13330	ok	0.0	0.3	6.95e-03	9.1	9.1	9.1	9.1	-14.4	-0.4	2.8	1.1	-16.0	-18.2
13331	ok	0.0	0.4	6.56e-03	9.1	9.1	9.1	9.1	-14.1	-0.6	2.7	-20.6	-17.5	-17.9
13333	ok	0.0	0.4	6.89e-03	9.1	9.1	9.1	9.1	-14.2	-0.5	2.8	-12.0	-17.5	-17.1
13334	ok	0.0	0.3	7.15e-03	9.1	9.1	9.1	9.1	-14.3	-0.4	2.8	-1.5	-18.2	-15.5
13335	ok	0.0	0.4	6.64e-03	9.1	9.1	9.1	9.1	-13.8	-0.5	2.4	-21.3	-15.8	-16.5
13336	ok	0.0	0.3	7.04e-03	9.1	9.1	9.1	9.1	-14.0	-0.3	2.6	-13.8	-16.4	-15.0
13337	ok	0.0	0.3	7.41e-03	9.1	9.1	9.1	9.1	-14.2	-0.4	2.7	-4.4	-17.2	-12.7
13338	ok	0.0	0.4	6.66e-03	9.1	9.1	9.1	9.1	-13.4	-0.2	2.1	-22.6	-12.6	-14.9
13339	ok	0.0	0.3	7.16e-03	9.1	9.1	9.1	9.1	-13.8	-0.2	2.3	-15.9	-13.4	-12.9
13340	ok	0.0	0.2	7.70e-03	9.1	9.1	9.1	9.1	-14.2	-0.2	2.4	-7.3	-14.0	-10.3
13341	ok	0.0	0.4	7.51e-03	9.1	9.1	9.1	9.1	-14.1	-8.85e-02	1.4	-28.8	-8.4	-14.8
13342	ok	0.0	0.3	8.17e-03	9.1	9.1	9.1	9.1	-14.6	-5.08e-02	1.5	-21.5	-9.2	-12.5
13344	ok	0.0	0.2	8.90e-03	9.1	9.1	9.1	9.1	-15.3	-8.86e-02	1.6	-11.8	-9.4	-9.7
13345	ok	0.0	0.5	5.84e-03	9.1	9.1	9.1	9.1	-15.1	-1.3	3.7	-40.6	-24.6	-9.8
13346	ok	0.0	0.5	5.84e-03	9.1	9.1	9.1	9.1	-14.4	-1.6	3.3	-37.2	-24.0	-12.9
13347	ok	0.0	0.5	5.82e-03	9.1	9.1	9.1	9.1	-13.7	-1.8	2.8	-33.9	-22.6	-15.2
13348	ok	0.0	0.5	5.76e-03	9.1	9.1	9.1	9.1	-13.2	-1.8	2.3	-31.2	-19.8	-16.7
13349	ok	0.0	0.5	5.67e-03	9.1	9.1	9.1	9.1	-12.5	-1.7	1.3	-29.8	-14.9	-17.4
13351	ok	0.0	0.4	5.57e-03	9.1	9.1	9.1	9.1	-12.0	-1.2	0.8	-28.6	-9.8	-17.2
13352	ok	0.0	0.5	6.09e-03	9.1	9.1	9.1	9.1	-13.3	-0.6	0.6	-33.0	-4.4	-18.1
13353	ok	0.0	0.5	5.51e-03	9.1	9.1	9.1	9.1	-14.3	-2.4	4.4	-44.5	-32.3	-4.1
13354	ok	0.0	0.5	5.40e-03	9.1	9.1	9.1	9.1	-13.4	-2.8	3.9	-39.7	-30.6	-6.7
13355	ok	0.0	0.5	5.25e-03	9.1	9.1	9.1	9.1	-12.6	-3.2	3.3	-34.1	-27.9	-9.3
13356	ok	0.0	0.4	5.04e-03	9.1	9.1	9.1	9.1	-11.9	-3.6	2.5	-28.2	-23.5	-11.9
13358	ok	0.0	0.4	4.77e-03	9.1	9.1	9.1	9.1	-11.0	-4.0	0.9	-22.9	-16.5	-14.3
13359	ok	0.0	0.4	4.48e-03	9.1	9.1	9.1	9.1	-11.7	-4.4	-0.7	-19.9	-7.4	-17.5
13360	ok	0.0	0.3	4.86e-03	9.1	9.1	9.1	9.1	-12.2	-2.7	-0.5	-16.1	3.7	-17.3
13361	ok	0.0	0.5	5.65e-03	9.1	9.1	9.1	9.1	-14.7	-1.8	4.0	-43.3	-28.8	-7.2
13362	ok	0.0	0.5	5.59e-03	9.1	9.1	9.1	9.1	-13.9	-2.2	3.5	-39.2	-27.5	-10.1
13363	ok	0.0	0.5	5.49e-03	9.1	9.1	9.1	9.1	-13.2	-2.4	3.0	-34.9	-25.2	-12.7
13365	ok	0.0	0.5	5.34e-03	9.1	9.1	9.1	9.1	-12.6	-2.6	2.3	-30.8	-21.5	-14.9
13366	ok	0.0	0.4	5.16e-03	9.1	9.1	9.1	9.1	-11.9	-2.8	0.9	-28.0	-15.6	-16.5
13367	ok	0.0	0.4	4.98e-03	9.1	9.1	9.1	9.1	-11.6	-2.3	0.2	-25.2	-8.6	-16.9
13368	ok	0.0	0.4	5.39e-03	9.1	9.1	9.1	9.1	-13.1	-1.4	-3.69e-02	-27.5	-1.3	-17.8
13369	ok	0.0	0.5	5.38e-03	9.1	9.1	9.1	9.1	-13.9	-3.1	4.9	-44.8	-35.1	-0.4
13370	ok	0.0	1.0	2.29e-02	42.9	48.4	23.7	33.1	-120.5	-54.9	-99.5	270.5	171.7	135.2
13372	ok	0.0	0.4	5.22e-03	9.1	9.1	9.1	9.1	-12.8	-3.6	4.4	-39.2	-33.3	-2.3
13373	ok	0.0	0.4	5.02e-03	9.1	9.1	9.1	9.1	-11.9	-4.1	3.7	-32.4	-30.4	-4.4
13374	ok	0.0	0.4	4.77e-03	9.1	9.1	9.1	9.1	-10.8	-4.9	2.3	-25.3	-25.4	-6.4
13375	ok	0.0	1.0	1.79e-02	15.0	18.8	9.1	10.5	-115.4	-6.8	6.0	160.2	55.7	31.0
13376	ok	0.0	0.3	4.45e-03	9.1	9.1	9.1	9.1	-9.9	-5.5	1.3	-16.0	-18.5	-8.9
13377	ok	0.0	0.2	4.10e-03	9.1	9.1	9.1	9.1	-11.3	1.8	-0.9	-7.1	-17.6	-6.7
13379	ok	0.0	0.4	4.23e-03	9.1	9.1	9.1	9.1	-12.6	-7.1	-2.2	15.4	32.8	-11.5
13380	ok	0.0	0.5	1.53e-02	9.1	9.1	9.1	9.1	-80.3	6.9	20.4	43.6	32.4	-3.5
13381	ok	0.0	0.5	5.23e-03	9.1	9.1	9.1	9.1	-13.5	-4.0	4.8	-45.2	-36.2	5.0
13382	ok	0.0	0.5	5.03e-03	9.1	9.1	9.1	9.1	-12.2	-4.6	4.4	-39.3	-34.5	4.2
13383	ok	0.0	0.4	4.80e-03	9.1	9.1	9.1	9.1	-11.0	-5.1	3.8	-32.0	-31.8	3.4
13384	ok	0.0	0.2	1.43e-02	9.1	9.1	9.1	9.1	-44.3	7.4	2.1	21.0	11.2	-3.2
13386	ok	0.0	0.3	4.52e-03	9.1	9.1	9.1	9.1	-9.9	-5.8	3.2	-22.8	-27.4	2.7
13387	ok	0.0	0.2	4.19e-03	9.1	9.1	9.1	9.1	-9.8	1.4	-2.8	-10.7	-20.3	2.9
13388	ok	0.0	0.2	4.05e-03	9.1	9.1	9.1	9.1	-0.6	-0.7	-7.2	5.8	-13.0	3.9
13389	ok	0.0	0.2	1.14e-02	9.1	9.1	9.1	9.1	-20.8	-1.9	8.2	2.3	-10.3	-1.7
13390	ok	0.0	0.7	4.13e-03	9.1	9.1	9.1	9.1	-2.5	-19.9	1.5	33.0	42.5	-17.3
13391	ok	0.0	0.6	4.90e-03	9.1	9.1	9.1	9.1	-12.7	-4.9	5.6	-43.8	-35.8	12.0
13393	ok	0.0	0.5	4.64e-03	9.1	9.1	9.1	9.1	-11.3	-5.3	5.1	-38.9	-34.3	12.6
13394	ok	0.0	0.1	1.25e-02	9.1	9.1	9.1	9.1	-25.4	-3.1	8.4	7.1	-6.4	-3.3
13395	ok	0.0	0.5	4.36e-03	9.1	9.1	9.1	9.1	-10.1	-5.5	4.6	-33.2	-31.6	13.4
13396	ok	0.0	0.4	4.08e-03	9.1	9.1	9.1	9.1	-9.1	-5.7	4.2	-26.7	-27.0	14.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13397	ok	0.0	0.4	3.83e-03	9.1	9.1	9.1	9.1	-8.4	-5.9	4.0	-19.6	-19.8	15.6
13398	ok	0.0	0.2	9.73e-03	9.1	9.1	9.1	9.1	-19.1	4.4	1.8	-6.9	-20.3	3.1
13400	ok	0.0	0.3	3.72e-03	9.1	9.1	9.1	9.1	-8.9	-5.6	4.0	-14.2	-7.9	19.5
13401	ok	0.0	0.3	3.73e-03	9.1	9.1	9.1	9.1	-10.5	-9.1	6.8	-7.6	8.8	18.3
13402	ok	0.0	0.5	4.13e-03	9.1	9.1	9.1	9.1	-4.6	-18.2	4.4	16.3	20.8	14.7
13403	ok	0.0	0.2	1.06e-02	9.1	9.1	9.1	9.1	-21.7	5.2	1.8	-2.8	-14.7	3.4
13404	ok	0.0	0.3	3.89e-03	9.1	9.1	9.1	9.1	-10.4	3.9	-3.0	-4.4	-19.7	10.6
13405	ok	0.0	0.3	4.00e-03	9.1	9.1	9.1	9.1	-8.5	-6.6	3.6	-13.7	-20.2	10.1
13407	ok	0.0	0.4	4.28e-03	9.1	9.1	9.1	9.1	-9.5	-5.9	3.9	-23.9	-27.5	9.2
13408	ok	0.0	0.4	8.18e-03	9.1	9.1	9.1	9.1	-15.4	2.8	1.8	-10.1	-34.6	1.6
13409	ok	0.0	0.4	4.56e-03	9.1	9.1	9.1	9.1	-10.6	-5.4	4.3	-32.2	-32.1	8.8
13410	ok	0.0	0.5	4.82e-03	9.1	9.1	9.1	9.1	-11.8	-5.0	4.8	-39.1	-34.8	8.7
13411	ok	0.0	0.5	5.05e-03	9.1	9.1	9.1	9.1	-13.1	-4.5	5.3	-44.7	-36.4	8.6
13412	ok	0.0	0.3	8.58e-03	9.1	9.1	9.1	9.1	-16.2	3.2	1.8	-10.2	-30.0	1.8
13414	ok	0.0	0.3	9.26e-03	9.1	9.1	9.1	9.1	-17.5	3.7	1.8	-9.3	-25.2	2.4
13415	ok	0.0	0.6	4.55e-03	9.1	9.1	9.1	9.1	-12.0	-5.6	6.1	-40.5	-33.1	16.7
13416	ok	0.0	0.6	4.21e-03	9.1	9.1	9.1	9.1	-10.4	-5.8	5.4	-37.2	-32.5	17.8
13417	ok	0.0	0.6	3.87e-03	9.1	9.1	9.1	9.1	-9.2	-5.6	4.6	-33.9	-30.3	18.5
13418	ok	0.0	0.5	3.55e-03	9.1	9.1	9.1	9.1	-8.4	-5.2	3.9	-30.8	-26.0	19.1
13419	ok	0.0	0.5	3.26e-03	9.1	9.1	9.1	9.1	-8.1	-4.5	3.4	-28.4	-19.9	19.5
13421	ok	0.0	0.4	3.09e-03	9.1	9.1	9.1	9.1	-8.1	-3.2	3.4	-26.0	-12.1	19.4
13422	ok	0.0	0.5	7.32e-03	9.1	9.1	9.1	9.1	-14.1	1.9	1.8	-7.4	-45.7	4.8
13423	ok	0.0	0.4	2.55e-03	9.1	9.1	9.1	9.1	-8.8	-1.8	2.0	-29.9	-3.7	19.7
13424	ok	0.0	0.3	3.12e-03	9.1	9.1	9.1	9.1	-9.0	-2.6	3.2	-20.7	1.3	19.5
13425	ok	0.0	0.4	3.50e-03	9.1	9.1	9.1	9.1	-9.2	-4.9	4.2	-24.1	-11.4	20.9
13426	ok	0.0	0.5	7.76e-03	9.1	9.1	9.1	9.1	-14.6	2.3	1.8	-8.7	-40.4	2.5
13428	ok	0.0	0.4	3.58e-03	9.1	9.1	9.1	9.1	-8.3	-5.1	3.8	-24.9	-19.5	18.4
13429	ok	0.0	0.5	3.83e-03	9.1	9.1	9.1	9.1	-8.8	-5.4	4.2	-29.2	-26.4	17.3
13430	ok	0.0	0.5	4.13e-03	9.1	9.1	9.1	9.1	-9.7	-5.6	4.7	-33.9	-30.9	16.4
13431	ok	0.0	0.6	6.96e-03	9.1	9.1	9.1	9.1	-13.9	1.6	1.8	-7.3	-49.1	7.1
13432	ok	0.0	0.6	4.43e-03	9.1	9.1	9.1	9.1	-10.9	-5.5	5.3	-38.4	-33.5	15.6
13433	ok	0.0	0.6	4.73e-03	9.1	9.1	9.1	9.1	-12.4	-5.3	5.9	-42.5	-34.6	14.5
13435	ok	0.0	0.6	4.30e-03	9.1	9.1	9.1	9.1	-10.9	-6.6	7.0	-35.0	-30.2	19.6
13436	ok	0.0	0.6	6.72e-03	9.1	9.1	9.1	9.1	-13.8	1.4	1.8	-7.7	-50.9	8.9
13437	ok	0.0	0.6	3.86e-03	9.1	9.1	9.1	9.1	-9.0	-6.5	6.0	-33.0	-31.0	20.4
13438	ok	0.0	0.6	3.55e-03	9.1	9.1	9.1	9.1	-7.8	-6.1	4.7	-31.3	-29.7	20.5
13439	ok	0.0	0.5	3.13e-03	9.1	9.1	9.1	9.1	-7.3	-5.2	3.6	-30.2	-26.3	20.1
13440	ok	0.0	0.7	6.23e-03	9.1	9.1	9.1	9.1	-14.0	1.1	1.8	-13.3	-54.3	13.7
13442	ok	0.0	0.5	2.77e-03	9.1	9.1	9.1	9.1	-7.1	-4.0	2.5	-29.7	-20.9	19.4
13443	ok	0.0	0.5	2.43e-03	9.1	9.1	9.1	9.1	-7.1	-2.6	1.5	-29.7	-14.4	18.3
13445	ok	0.0	0.5	2.11e-03	9.1	9.1	9.1	9.1	-7.8	-1.2	0.8	-35.6	-7.9	19.1
13446	ok	0.0	0.6	6.49e-03	9.1	9.1	9.1	9.1	-13.8	1.2	1.8	-9.5	-53.1	11.6
13447	ok	0.0	0.5	4.17e-03	9.1	9.1	9.1	9.1	-9.6	-7.6	7.2	-27.5	-27.3	21.7
13448	ok	0.0	0.5	3.66e-03	9.1	9.1	9.1	9.1	-7.3	-7.3	5.6	-26.8	-29.9	21.7
13449	ok	0.0	0.5	3.15e-03	9.1	9.1	9.1	9.1	-6.0	-6.6	3.8	-26.6	-29.9	20.8
13450	ok	0.0	0.7	5.36e-03	9.1	9.1	9.1	9.1	-18.6	0.7	1.9	-32.4	-53.0	12.9
13451	ok	0.0	0.5	2.68e-03	9.1	9.1	9.1	9.1	-5.6	-5.5	2.2	-26.8	-27.2	19.4
13452	ok	0.0	0.5	2.25e-03	9.1	9.1	9.1	9.1	-5.8	-4.2	0.8	-27.4	-22.4	17.9
13453	ok	0.0	0.4	1.88e-03	9.1	9.1	9.1	9.1	-6.2	-2.6	-0.2	-28.4	-16.1	16.3
13454	ok	0.0	0.7	5.58e-03	9.1	9.1	9.1	9.1	-18.2	0.7	1.9	-27.9	-53.5	14.3
13456	ok	0.0	0.7	5.79e-03	9.1	9.1	9.1	9.1	-17.8	0.6	1.9	-23.1	-53.9	14.9
13457	ok	0.0	0.7	6.00e-03	9.1	9.1	9.1	9.1	-17.6	0.6	1.9	-18.4	-53.9	14.6
13459	ok	0.0	0.5	1.61e-03	9.1	9.1	9.1	9.1	-7.2	-1.2	-0.6	-34.7	-9.6	17.0
13460	ok	0.0	0.5	4.50e-03	9.1	9.1	9.1	9.1	-12.6	-7.7	8.3	-23.6	-19.9	21.0
13461	ok	0.0	0.5	4.03e-03	9.1	9.1	9.1	9.1	-8.7	-8.1	7.1	-23.0	-26.2	22.4
13462	ok	0.0	0.5	3.46e-03	9.1	9.1	9.1	9.1	-6.3	-7.7	5.2	-23.1	-29.7	21.9
13463	ok	0.0	0.5	2.91e-03	9.1	9.1	9.1	9.1	-5.1	-6.8	3.3	-23.5	-30.1	20.6
13464	ok	0.0	0.5	2.41e-03	9.1	9.1	9.1	9.1	-4.8	-5.7	1.5	-24.2	-27.8	18.8
13465	ok	0.0	0.5	1.95e-03	9.1	9.1	9.1	9.1	-5.1	-4.3	-1.77e-02	-25.1	-23.1	16.9
13466	ok	0.0	0.4	1.55e-03	9.1	9.1	9.1	9.1	-5.8	-2.8	-1.0	-26.3	-16.8	15.2
13467	ok	0.0	0.5	1.38e-03	9.1	9.1	9.1	9.1	-7.2	-1.2	-1.3	-32.4	-9.9	15.8
13468	ok	0.0	0.6	5.30e-03	9.1	9.1	9.1	9.1	-19.4	0.9	2.0	-38.5	-51.7	9.7
13470	ok	0.0	0.4	4.36e-03	9.1	9.1	9.1	9.1	-10.9	-11.2	9.5	-4.4	-15.8	25.5
13471	ok	0.0	0.5	3.65e-03	9.1	9.1	9.1	9.1	-5.1	-11.1	6.5	-8.4	-28.6	24.9
13472	ok	0.0	0.5	2.87e-03	9.1	9.1	9.1	9.1	-2.8	-9.3	3.7	-11.6	-35.1	23.5
13473	ok	0.0	0.6	4.88e-03	9.1	9.1	9.1	9.1	-20.7	1.1	2.1	-44.1	-48.8	4.8
13474	ok	0.0	0.6	2.31e-03	9.1	9.1	9.1	9.1	-2.1	-7.7	1.6	-13.6	-37.1	21.4
13475	ok	0.0	0.5	1.94e-03	9.1	9.1	9.1	9.1	-2.1	-6.5	-0.2	-15.0	-35.1	18.8
13477	ok	0.0	0.4	2.03e-03	9.1	9.1	9.1	9.1	-2.9	-5.5	-1.9	-16.0	-29.5	15.9
13478	ok	0.0	0.6	5.08e-03	9.1	9.1	9.1	9.1	-20.0	1.0	2.0	-41.7	-50.4	7.3
13479	ok	0.0	0.4	2.19e-03	9.1	9.1	9.1	9.1	-4.7	-4.1	-3.5	-17.0	-20.7	13.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13480	ok	0.0	0.3	1.72e-03	9.1	9.1	9.1	9.1	-7.7	-1.8	-3.5	-21.1	-9.6	12.9
13481	ok	0.0	0.4	4.94e-03	9.1	9.1	9.1	9.1	1.9	-0.1	-5.0	1.9	-30.6	16.8
13482	ok	0.0	0.5	4.71e-03	9.1	9.1	9.1	9.1	-21.6	1.1	2.3	-45.8	-46.7	2.1
13484	ok	0.0	0.5	3.64e-03	9.1	9.1	9.1	9.1	-2.0	-9.3	4.4	-1.9	-28.0	24.7
13485	ok	0.0	0.5	2.59e-03	9.1	9.1	9.1	9.1	-1.0	-6.6	1.9	-5.4	-35.7	23.8
13486	ok	0.0	0.6	1.98e-03	9.1	9.1	9.1	9.1	-0.7	-5.0	0.5	-7.4	-38.5	21.6
13487	ok	0.0	0.5	4.58e-03	9.1	9.1	9.1	9.1	-20.4	1.8	2.2	-44.2	-45.0	-1.8
13488	ok	0.0	0.5	2.20e-03	9.1	9.1	9.1	9.1	-0.8	-4.5	-0.7	-8.4	-36.9	18.7
13489	ok	0.0	0.5	2.65e-03	9.1	9.1	9.1	9.1	-8.39e-02	5.1	5.2	-6.1	-34.9	15.1
13491	ok	0.0	0.4	3.09e-03	9.1	9.1	9.1	9.1	0.5	5.4	3.1	-4.5	-35.4	11.9
13492	ok	0.0	0.5	4.14e-03	9.1	9.1	9.1	9.1	-23.1	1.4	3.3	-41.6	-38.9	-6.5
13494	ok	0.0	0.3	3.11e-03	9.1	9.1	9.1	9.1	-6.9	-13.5	-11.2	-9.0	15.7	10.4
13495	ok	0.0	0.4	5.22e-03	9.1	9.1	9.1	9.1	3.1	6.3	-8.0	1.1	-32.5	13.2
13496	ok	0.0	0.5	3.45e-03	9.1	9.1	9.1	9.1	-1.0	-7.3	2.6	-0.5	-27.5	24.1
13497	ok	0.0	0.5	4.05e-03	9.1	9.1	9.1	9.1	-21.7	1.7	2.6	-43.4	-42.2	-4.2
13498	ok	0.0	0.5	2.24e-03	9.1	9.1	9.1	9.1	-0.5	-4.4	1.1	-3.2	-36.1	23.6
13499	ok	0.0	0.6	1.70e-03	9.1	9.1	9.1	9.1	-0.3	-3.2	0.2	-4.6	-39.3	21.4
13500	ok	0.0	0.5	2.21e-03	9.1	9.1	9.1	9.1	-0.4	-3.0	-0.6	-5.3	-38.0	18.4
13501	ok	0.0	0.5	4.73e-03	9.1	9.1	9.1	9.1	-26.2	0.6	4.9	-35.8	-31.8	-10.0
13502	ok	0.0	0.5	3.03e-03	9.1	9.1	9.1	9.1	-0.2	10.5	3.7	-3.8	-35.3	15.3
13503	ok	0.0	0.5	3.78e-03	9.1	9.1	9.1	9.1	3.6	12.6	3.8	-3.4	-40.5	11.7
13505	ok	0.0	0.4	4.20e-03	9.1	9.1	9.1	9.1	-16.2	-24.1	-8.5	2.2	33.0	13.5
13506	ok	0.0	0.5	4.41e-03	9.1	9.1	9.1	9.1	-24.6	1.1	4.0	-39.1	-35.6	-8.3
13507	ok	0.0	0.4	5.45e-03	9.1	9.1	9.1	9.1	-3.6	16.5	1.2	1.9	-33.4	10.9
13508	ok	0.0	0.4	2.96e-03	9.1	9.1	9.1	9.1	2.36e-02	-2.3	-3.7	-1.7	-32.6	13.6
13509	ok	0.0	0.5	1.73e-03	9.1	9.1	9.1	9.1	-0.2	-2.58e-02	0.2	-0.5	-36.5	19.1
13510	ok	0.0	0.4	5.31e-03	9.1	9.1	9.1	9.1	-29.6	-0.8	7.2	-28.2	-24.4	-11.8
13512	ok	0.0	0.5	1.50e-03	9.1	9.1	9.1	9.1	-3.10e-02	0.4	-3.20e-02	-0.8	-40.4	17.1
13513	ok	0.0	0.5	2.16e-03	9.1	9.1	9.1	9.1	5.02e-02	7.13e-02	-0.2	-0.9	-39.3	14.5
13514	ok	0.0	0.5	3.57e-03	9.1	9.1	9.1	9.1	1.8	20.1	4.5	-1.0	-36.5	13.4
13515	ok	0.0	0.4	6.21e-03	9.1	9.1	9.1	9.1	-16.0	-23.3	19.5	-15.2	-32.1	-2.4
13516	ok	0.0	0.5	5.34e-03	9.1	9.1	9.1	9.1	6.0	22.7	5.2	-2.4	-37.4	10.4
13517	ok	0.0	1.0	6.57e-03	9.1	9.1	9.1	9.1	8.1	27.0	8.1	-27.6	-79.1	-5.0
13519	ok	0.0	0.9	9.71e-03	9.1	9.1	10.3	9.1	2.9	28.6	0.3	-6.5	-89.9	-6.1
13520	ok	0.0	0.4	6.86e-03	9.1	9.1	9.1	9.1	-35.6	11.8	8.5	-8.5	20.4	-18.2
13521	ok	0.0	0.8	5.93e-03	9.1	9.1	9.1	9.1	18.3	-39.6	1.5	5.7	66.8	-2.3
13522	ok	0.0	0.7	8.06e-03	9.1	9.1	9.1	9.1	11.7	58.0	15.6	-15.3	-50.5	19.2
13524	ok	0.0	0.2	8.18e-03	9.1	9.1	9.1	9.1	-0.1	-36.9	-1.9	-2.9	-23.3	-8.2
13525	ok	0.0	0.7	9.54e-03	9.1	9.1	9.1	9.1	-48.7	21.2	22.6	6.9	51.4	-25.8
13526	ok	0.0	0.4	2.54e-03	9.1	9.1	9.1	9.1	1.4	15.0	-1.4	-1.3	-34.4	0.3
13527	ok	0.0	0.9	8.53e-03	10.7	11.1	9.1	24.6	25.5	21.5	11.1	1.6	63.6	-101.9
13528	ok	0.0	0.5	1.33e-03	9.1	9.1	9.1	9.1	2.51e-02	2.4	-3.30e-02	0.1	-40.1	2.1
13529	ok	0.0	0.8	1.40e-02	9.1	9.1	9.1	11.7	-59.2	21.1	43.4	21.6	74.0	-36.7
13530	ok	0.0	0.4	2.11e-03	9.1	9.1	9.1	9.1	-1.32e-02	1.7	-7.00e-02	0.2	-39.0	1.8
13531	ok	0.0	0.4	8.80e-03	9.1	9.1	9.1	9.1	0.9	-39.4	-1.8	-1.2	-40.3	-8.5
13532	ok	0.0	0.4	3.20e-03	9.1	9.1	9.1	9.1	2.1	21.9	1.1	-0.3	-36.5	3.9
13533	ok	0.0	0.9	1.67e-02	9.1	10.4	9.1	14.9	-56.1	15.1	79.5	63.3	107.1	-29.8
13535	ok	0.0	0.5	1.58e-02	9.1	9.1	9.1	9.1	-2.5	10.7	-3.5	24.4	-12.5	-13.3
13536	ok	0.0	0.9	2.16e-02	9.1	9.1	14.1	9.1	-1.71e-04	20.4	-6.8	1.3	-94.4	36.3
13537	ok	0.0	0.4	1.38e-03	9.1	9.1	9.1	9.1	0.1	2.4	-3.94e-02	5.42e-02	-36.4	2.4
13538	ok	0.0	0.9	3.27e-02	9.1	17.4	12.6	19.8	-40.7	47.5	141.2	110.4	121.2	-59.3
13539	ok	0.0	0.5	5.23e-03	9.1	9.1	9.1	9.1	5.3	44.0	10.4	-2.9	-39.8	2.4
13540	ok	0.0	0.4	3.75e-03	9.1	9.1	9.1	9.1	-1.1	12.7	-1.4	1.1	-23.0	-5.27e-02
13542	ok	0.0	1.0	2.40e-02	9.1	9.1	10.2	13.6	-4.4	-60.7	-8.9	10.4	120.1	-16.9
13543	ok	0.0	0.3	7.78e-03	9.1	9.1	9.1	9.1	-12.7	0.9	-9.0	20.6	12.7	-11.1
13544	ok	0.0	0.4	1.48e-02	9.1	9.1	9.1	9.1	-69.6	-6.0	-13.6	38.7	11.7	-10.7
13545	ok	0.0	1.0	2.98e-02	13.8	18.6	16.7	11.7	43.5	8.7	38.7	98.4	48.3	22.0
13546	ok	0.0	0.4	9.72e-03	9.1	9.1	9.1	9.1	-10.3	-1.5	-10.5	28.3	12.3	-14.2
13547	ok	0.0	0.5	1.50e-02	9.1	9.1	9.1	9.1	-59.8	-18.4	-21.1	43.5	12.3	-8.9
13549	ok	0.0	0.9	2.13e-02	9.1	9.1	9.1	9.1	-90.1	-35.5	34.2	48.6	23.5	-16.1
13550	ok	0.0	0.5	9.88e-03	9.1	9.1	9.1	9.1	-13.7	-3.7	-10.7	33.8	11.7	-15.6
13551	ok	0.0	0.5	1.67e-02	9.1	9.1	9.1	9.1	-55.2	30.8	-18.7	40.1	24.6	-15.4
13552	ok	0.0	0.5	1.27e-02	9.1	9.1	9.1	9.1	-30.6	-1.0	-18.6	37.6	10.1	-14.6
13553	ok	0.0	0.4	9.53e-03	9.1	9.1	9.1	9.1	-17.6	-2.1	-10.0	34.9	10.5	-13.3
13554	ok	0.0	0.3	1.41e-02	9.1	9.1	9.1	9.1	-39.6	7.0	-8.3	24.7	11.2	-10.0
13556	ok	0.0	0.4	1.18e-02	9.1	9.1	9.1	9.1	-29.1	2.3	-11.9	29.6	8.5	-13.1
13557	ok	0.0	0.2	9.35e-03	9.1	9.1	9.1	9.1	-20.7	1.7	-5.9	12.0	7.9	-5.8
13559	ok	0.0	0.1	1.02e-02	9.1	9.1	9.1	9.1	-18.9	-1.5	5.4	4.6	-7.6	-3.7
13560	ok	0.0	0.1	1.04e-02	9.1	9.1	9.1	9.1	-12.9	3.0	9.1	7.7	-2.8	-5.9
13561	ok	0.0	0.3	9.43e-03	9.1	9.1	9.1	9.1	-20.2	0.8	-7.8	25.9	9.9	-8.0
13562	ok	0.0	0.2	1.10e-02	9.1	9.1	9.1	9.1	-27.0	3.4	-7.7	19.9	4.7	-8.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13563	ok	0.0	0.2	1.24e-02	9.1	9.1	9.1	9.1	-52.6	11.3	13.9	12.3	4.9	-6.3
13564	ok	0.0	0.2	7.57e-03	9.1	9.1	9.1	9.1	-20.1	1.9	-2.4	-7.1	-2.3	-8.3
13566	ok	0.0	0.1	8.09e-03	9.1	9.1	9.1	9.1	-20.5	1.6	-3.8	0.3	3.4	-6.4
13567	ok	0.0	0.2	8.49e-03	9.1	9.1	9.1	9.1	-21.6	2.9	-1.6	-6.7	-9.0	-4.9
13568	ok	0.0	0.2	9.33e-03	9.1	9.1	9.1	9.1	-22.5	3.8	-0.2	-6.9	-14.8	-1.6
13569	ok	0.0	0.2	9.81e-03	9.1	9.1	9.1	9.1	-18.2	-1.9	13.2	-0.8	-10.4	-2.1
13570	ok	0.0	0.1	8.85e-03	9.1	9.1	9.1	9.1	-12.5	2.6	26.3	1.8	-5.0	-5.1
13571	ok	0.0	0.3	6.93e-03	9.1	9.1	9.1	9.1	-18.5	1.6	-0.1	-7.2	-17.6	-12.0
13572	ok	0.0	0.2	7.24e-03	9.1	9.1	9.1	9.1	-19.6	1.9	-1.4	-10.0	-7.5	-10.0
13573	ok	0.0	0.2	7.08e-03	9.1	9.1	9.1	9.1	-19.0	1.8	-0.7	-9.8	-12.6	-11.3
13574	ok	0.0	0.3	7.33e-03	9.1	9.1	9.1	9.1	-18.9	2.1	0.4	-8.5	-24.4	-7.4
13575	ok	0.0	0.4	7.71e-03	9.1	9.1	9.1	9.1	-19.1	2.4	1.0	-9.8	-29.8	-3.1
13577	ok	0.0	0.3	8.02e-03	9.1	9.1	9.1	9.1	-19.9	2.8	0.7	-10.5	-24.8	-3.0
13578	ok	0.0	0.3	7.56e-03	9.1	9.1	9.1	9.1	-19.6	2.4	-8.29e-02	-10.1	-19.3	-7.1
13580	ok	0.0	0.2	8.57e-03	9.1	9.1	9.1	9.1	-21.0	3.2	0.3	-9.7	-19.8	-2.4
13581	ok	0.0	0.2	7.83e-03	9.1	9.1	9.1	9.1	-20.5	2.7	-0.7	-9.6	-14.1	-6.1
13582	ok	0.0	0.4	6.45e-03	9.1	9.1	9.1	9.1	-15.0	1.4	1.2	6.1	-31.9	-6.5
13583	ok	0.0	0.3	6.73e-03	9.1	9.1	9.1	9.1	-17.9	1.3	0.5	-1.0	-24.2	-11.0
13584	ok	0.0	0.4	6.74e-03	9.1	9.1	9.1	9.1	-14.9	1.7	1.4	0.4	-38.6	-2.3
13585	ok	0.0	0.5	7.02e-03	9.1	9.1	9.1	9.1	-14.6	1.8	1.6	-4.2	-43.2	1.5
13586	ok	0.0	0.4	7.38e-03	9.1	9.1	9.1	9.1	-18.3	1.9	1.3	-7.3	-36.3	-2.0
13587	ok	0.0	0.4	7.05e-03	9.1	9.1	9.1	9.1	-18.2	1.7	0.9	-4.4	-31.2	-6.3
13589	ok	0.0	0.4	1.37e-02	9.1	9.1	9.1	9.1	43.2	44.7	4.7	13.5	30.0	2.3
13591	ok	0.0	0.3	1.13e-02	9.1	9.1	9.1	9.1	13.8	57.6	6.1	15.1	15.4	1.8
13701	ok	0.0	0.4	8.68e-03	9.1	9.1	9.1	9.1	-9.1	-1.2	-6.6	26.9	18.4	-16.5
13702	ok	0.0	0.6	8.76e-03	9.1	9.1	9.1	9.1	-12.6	-2.1	-6.4	41.4	19.1	-19.7
13703	ok	0.0	0.6	8.78e-03	9.1	9.1	9.1	9.1	-14.7	-2.3	-7.7	50.4	17.9	-14.8
13704	ok	0.0	0.3	7.99e-03	9.1	9.1	9.1	9.1	-19.7	0.7	-5.1	14.8	18.8	-7.6
13705	ok	0.0	0.4	8.08e-03	9.1	9.1	9.1	9.1	-20.7	-0.2	-7.2	37.8	19.6	-7.0
13706	ok	0.0	0.2	7.08e-03	9.1	9.1	9.1	9.1	-18.9	1.0	-2.6	-8.0	3.6	-11.3
13707	ok	0.0	0.2	7.42e-03	9.1	9.1	9.1	9.1	-18.9	0.6	-3.8	-0.5	10.1	-8.6
13708	ok	0.0	0.5	4.75e-03	9.1	9.1	9.1	9.1	-22.8	0.7	3.6	-49.0	-44.7	1.0
13709	ok	0.0	0.3	6.60e-03	9.1	9.1	9.1	9.1	-15.6	1.4	-0.3	-5.8	-11.9	-15.0
13710	ok	0.0	0.2	6.71e-03	9.1	9.1	9.1	9.1	-18.4	1.3	-1.1	-9.7	-6.5	-14.8
13711	ok	0.0	0.2	9.37e-03	9.1	9.1	9.1	9.1	14.3	58.7	10.5	14.3	9.4	0.4
13712	ok	0.0	0.2	6.83e-03	9.1	9.1	9.1	9.1	-18.7	1.2	-1.8	-10.5	-1.8	-13.2
13713	ok	0.0	0.3	6.24e-03	9.1	9.1	9.1	9.1	-14.9	1.1	1.0	12.0	-24.2	-10.2
13714	ok	0.0	0.5	4.94e-03	9.1	9.1	9.1	9.1	-23.1	-0.3	5.0	-50.3	-43.0	1.0
13715	ok	0.0	0.3	6.47e-03	9.1	9.1	9.1	9.1	-15.2	1.2	0.4	2.8	-17.9	-14.6
13716	ok	0.0	0.3	3.18e-03	9.1	9.1	9.1	9.1	-1.26e-02	-18.9	-8.27e-02	-0.9	-26.4	-10.4
13717	ok	0.0	0.3	6.00e-03	9.1	9.1	9.1	9.1	-14.8	0.9	1.4	16.8	-28.6	-4.2
13718	ok	0.0	0.4	5.89e-03	9.1	9.1	9.1	9.1	-14.8	0.7	1.7	17.6	-31.2	1.1
13719	ok	0.0	0.5	5.77e-03	9.1	9.1	9.1	9.1	-15.4	0.3	2.7	2.4	-35.1	15.2
13720	ok	0.0	0.3	1.37e-03	9.1	9.1	9.1	9.1	2.5	-4.5	4.8	-3.8	-21.2	-15.8
13721	ok	0.0	0.4	5.84e-03	9.1	9.1	9.1	9.1	-15.0	0.5	2.2	12.9	-33.7	9.4
13722	ok	0.0	0.6	5.31e-03	9.1	9.1	9.1	9.1	-17.2	0.9	3.6	-36.3	-42.1	15.2
13723	ok	0.0	0.6	5.49e-03	9.1	9.1	9.1	9.1	-16.8	0.8	3.4	-28.5	-40.0	16.8
13724	ok	0.0	0.3	2.72e-03	9.1	9.1	9.1	9.1	-3.55e-02	-15.9	0.5	-6.7	-18.7	-9.3
13725	ok	0.0	0.4	2.35e-03	9.1	9.1	9.1	9.1	0.3	-13.1	1.0	-3.7	-28.3	-17.2
13726	ok	0.0	0.5	5.68e-03	9.1	9.1	9.1	9.1	-16.3	0.6	3.3	-19.1	-38.0	17.7
13727	ok	0.0	0.5	5.78e-03	9.1	9.1	9.1	9.1	-15.9	0.4	3.1	-8.6	-36.3	17.4
13728	ok	0.0	0.6	5.26e-03	9.1	9.1	9.1	9.1	-19.6	0.4	3.8	-46.6	-43.8	12.4
13729	ok	0.0	0.6	5.09e-03	9.1	9.1	9.1	9.1	-20.3	6.11e-02	4.3	-53.4	-45.7	8.8
13730	ok	0.0	0.4	2.50e-03	9.1	9.1	9.1	9.1	0.1	-14.3	0.7	-4.5	-26.4	-15.2
13731	ok	0.0	0.3	2.64e-03	9.1	9.1	9.1	9.1	4.99e-02	-15.2	0.5	-5.5	-23.1	-12.6
13732	ok	0.0	0.6	5.14e-03	9.1	9.1	9.1	9.1	-19.9	0.2	4.0	-50.6	-45.0	10.6
13733	ok	0.0	0.6	5.15e-03	9.1	9.1	9.1	9.1	-20.7	-0.3	4.7	-55.0	-45.7	7.0
13734	ok	0.0	0.6	5.21e-03	9.1	9.1	9.1	9.1	-21.1	-0.9	5.4	-55.0	-44.5	5.1
13735	ok	0.0	0.6	5.41e-03	9.1	9.1	9.1	9.1	-21.6	-2.4	6.5	-51.1	-40.8	2.5
13736	ok	0.0	0.6	5.28e-03	9.1	9.1	9.1	9.1	-21.4	-1.5	5.9	-53.7	-43.0	3.8
13737	ok	0.0	0.2	7.34e-03	9.1	9.1	9.1	9.1	46.2	1.6	27.5	2.2	10.8	0.1
13738	ok	0.0	0.5	3.41e-03	9.1	9.1	9.1	9.1	-0.2	-22.8	2.4	-5.5	-24.0	30.0
13739	ok	0.0	0.5	5.71e-03	9.1	9.1	9.1	9.1	-20.7	-4.5	8.0	-43.3	-37.0	-0.8
13740	ok	0.0	0.3	6.97e-03	9.1	9.1	9.1	9.1	63.9	-16.8	46.4	4.5	19.4	1.1
13741	ok	0.0	0.4	7.12e-03	9.1	9.1	9.1	9.1	63.3	-16.8	46.7	6.4	30.2	2.1
13742	ok	0.0	0.5	5.55e-03	9.1	9.1	9.1	9.1	-21.6	-3.4	7.0	-47.9	-38.6	1.4
13743	ok	0.0	0.4	6.04e-03	9.1	9.1	9.1	9.1	-19.8	-7.9	9.0	-34.2	-32.2	-2.9
13744	ok	0.0	0.4	6.66e-03	9.1	9.1	9.1	9.1	-10.9	-21.8	1.8	-18.6	-34.7	-7.5
13745	ok	0.0	0.4	1.59e-03	9.1	9.1	9.1	9.1	2.8	-4.5	5.2	-1.9	-22.8	-15.7
13746	ok	0.0	0.4	1.52e-03	9.1	9.1	9.1	9.1	1.4	-6.6	3.3	-3.6	-23.0	-15.8
13747	ok	0.0	0.4	7.00e-03	9.1	9.1	9.1	9.1	-10.0	-25.0	-2.0	-14.7	-34.5	-10.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13748	ok	0.0	0.1	3.43e-03	9.1	9.1	9.1	9.1	2.95e-03	-20.3	-4.12e-03	0.2	-15.6	0.8
13749	ok	0.0	0.2	7.82e-03	9.1	9.1	9.1	9.1	46.1	-3.0	11.6	3.8	10.7	0.2
13750	ok	0.0	0.5	8.16e-03	9.1	9.1	9.1	9.1	-5.0	-40.4	-5.4	-5.6	-40.8	-17.3
13751	ok	0.0	0.3	3.95e-03	9.1	9.1	9.1	9.1	-7.39e-03	-25.4	-5.13e-03	0.2	-27.6	3.6
13752	ok	0.0	0.4	3.28e-03	9.1	9.1	9.1	9.1	-0.2	-21.5	2.1	-7.2	-18.5	25.8
13753	ok	0.0	0.2	3.37e-03	9.1	9.1	9.1	9.1	2.06e-04	-19.9	-5.37e-03	0.2	-19.6	-0.5
13754	ok	0.0	0.5	8.98e-03	9.1	9.1	9.1	9.1	-1.6	-43.6	-5.4	-2.5	-40.7	-20.2
13755	ok	0.0	0.3	4.46e-03	9.1	9.1	9.1	9.1	-6.2	0.1	-2.4	10.1	22.8	-5.9
13756	ok	0.0	0.3	5.04e-03	9.1	9.1	9.1	9.1	-6.0	0.6	-3.8	13.1	21.1	-11.0
13757	ok	0.0	0.5	6.54e-03	9.1	9.1	9.1	9.1	-7.2	-1.8	-1.6	19.6	37.9	-9.0
13758	ok	0.0	0.5	7.41e-03	9.1	9.1	9.1	9.1	-7.6	0.5	-4.1	24.2	30.7	-16.1
13759	ok	0.0	0.7	7.62e-03	9.1	9.1	9.1	9.1	-7.4	-2.6	-2.7	37.2	57.5	-10.5
13760	ok	0.0	0.8	7.73e-03	9.1	9.1	9.1	9.1	-6.1	-3.0	-2.7	42.3	42.1	-31.7
13761	ok	0.0	1.0	6.71e-03	9.1	15.6	9.1	14.9	-12.1	-4.0	-9.4	144.4	137.0	1.3
13762	ok	0.0	0.2	3.39e-03	9.1	9.1	9.1	9.1	2.91e-03	-20.0	-5.33e-03	0.2	-16.9	0.2
13763	ok	0.0	0.9	8.49e-03	9.1	9.1	9.1	9.1	-12.0	-5.0	-6.0	71.2	37.5	-13.6
13764	ok	0.0	0.5	7.76e-03	9.1	9.1	9.1	9.1	-16.4	-0.2	-3.0	8.8	33.6	-17.5
13765	ok	0.0	0.4	7.99e-03	9.1	9.1	9.1	9.1	-16.7	1.9	-4.2	12.9	30.2	-10.5
13766	ok	0.0	0.5	5.08e-03	9.1	9.1	9.1	9.1	-25.3	-0.9	6.8	-38.1	-34.2	-6.9
13767	ok	0.0	0.8	9.04e-03	9.1	9.1	9.1	9.1	-13.8	-8.4	-7.6	37.6	60.5	-14.6
13768	ok	0.0	0.6	8.99e-03	9.1	9.1	9.1	9.1	-14.2	-5.5	-4.3	49.8	48.2	-1.4
13769	ok	0.0	0.2	6.32e-03	9.1	9.1	9.1	9.1	-16.9	-0.2	-2.6	-10.1	12.3	-17.9
13770	ok	0.0	0.2	6.65e-03	9.1	9.1	9.1	9.1	-17.9	0.4	-2.7	-9.1	8.8	-14.6
13771	ok	0.0	0.3	6.94e-03	9.1	9.1	9.1	9.1	-16.7	-1.0	-3.4	-3.2	19.3	-16.5
13772	ok	0.0	0.2	6.92e-03	9.1	9.1	9.1	9.1	-17.8	0.2	-3.5	-1.9	16.0	-12.1
13773	ok	0.0	0.2	6.06e-03	9.1	9.1	9.1	9.1	-16.8	0.3	-0.8	-4.5	5.3	-21.7
13774	ok	0.0	0.3	6.31e-03	9.1	9.1	9.1	9.1	-15.2	1.0	-0.5	-4.9	-4.3	-18.4
13775	ok	0.0	0.2	6.10e-03	9.1	9.1	9.1	9.1	-16.9	0.2	-1.4	-9.9	6.3	-20.4
13776	ok	0.0	0.2	6.13e-03	9.1	9.1	9.1	9.1	-17.0	4.11e-02	-2.0	-11.8	8.5	-19.1
13777	ok	0.0	0.2	6.38e-03	9.1	9.1	9.1	9.1	-15.4	1.0	-1.1	-9.6	-1.0	-17.2
13778	ok	0.0	0.2	6.44e-03	9.1	9.1	9.1	9.1	-17.8	0.6	-1.9	-11.1	3.9	-16.5
13779	ok	0.0	0.4	5.97e-03	9.1	9.1	9.1	9.1	-15.7	0.5	0.5	30.0	-1.4	-20.3
13780	ok	0.0	0.3	6.04e-03	9.1	9.1	9.1	9.1	-14.8	0.7	1.0	19.6	-13.8	-14.6
13781	ok	0.0	0.3	6.03e-03	9.1	9.1	9.1	9.1	-16.7	0.2	-0.2	9.0	4.7	-22.9
13782	ok	0.0	0.2	6.23e-03	9.1	9.1	9.1	9.1	-15.0	0.8	8.91e-02	6.1	-8.5	-18.7
13783	ok	0.0	0.5	6.11e-03	9.1	9.1	9.1	9.1	-16.2	-0.4	1.2	47.1	-3.7	-12.4
13784	ok	0.0	0.3	5.79e-03	9.1	9.1	9.1	9.1	-14.4	0.5	1.4	26.8	-17.9	-7.6
13785	ok	0.0	0.6	6.01e-03	9.1	9.1	9.1	9.1	-15.7	-0.5	1.9	50.9	-6.5	-2.9
13786	ok	0.0	0.3	5.78e-03	9.1	9.1	9.1	9.1	-14.4	0.2	1.8	28.8	-20.3	-0.8
13787	ok	0.0	0.3	6.27e-03	9.1	9.1	9.1	9.1	-17.9	-0.5	4.2	16.0	-12.5	18.1
13788	ok	0.0	0.3	5.69e-03	9.1	9.1	9.1	9.1	-15.8	-3.71e-02	3.1	8.4	-24.7	16.0
13789	ok	0.0	0.5	6.10e-03	9.1	9.1	9.1	9.1	-17.5	-0.7	3.3	41.3	-8.8	11.0
13790	ok	0.0	0.3	5.78e-03	9.1	9.1	9.1	9.1	-14.8	5.85e-02	2.6	22.5	-22.9	9.5
13791	ok	0.0	0.5	5.46e-03	9.1	9.1	9.1	9.1	-17.5	0.7	4.1	-38.0	-31.0	12.5
13792	ok	0.0	0.6	5.40e-03	9.1	9.1	9.1	9.1	-17.4	0.8	3.9	-37.2	-36.8	14.3
13793	ok	0.0	0.5	5.57e-03	9.1	9.1	9.1	9.1	-17.4	0.7	4.0	-29.1	-25.8	14.3
13794	ok	0.0	0.4	5.71e-03	9.1	9.1	9.1	9.1	-17.2	0.5	4.0	-17.6	-20.3	16.1
13795	ok	0.0	0.3	5.86e-03	9.1	9.1	9.1	9.1	-17.0	0.1	4.0	-3.2	-15.0	17.2
13796	ok	0.0	0.5	5.53e-03	9.1	9.1	9.1	9.1	-17.1	0.7	3.8	-28.7	-33.3	16.1
13797	ok	0.0	0.5	5.67e-03	9.1	9.1	9.1	9.1	-16.7	0.5	3.7	-18.2	-29.8	17.5
13798	ok	0.0	0.4	5.87e-03	9.1	9.1	9.1	9.1	-16.3	2.82e-02	3.7	-5.7	-26.9	17.9
13799	ok	0.0	0.6	5.43e-03	9.1	9.1	9.1	9.1	-19.1	-1.64e-02	4.1	-48.6	-36.2	10.2
13800	ok	0.0	0.6	5.35e-03	9.1	9.1	9.1	9.1	-19.4	0.2	4.0	-47.7	-40.1	11.7
13801	ok	0.0	0.6	5.33e-03	9.1	9.1	9.1	9.1	-19.3	-0.5	4.7	-55.3	-41.3	8.0
13802	ok	0.0	0.6	5.24e-03	9.1	9.1	9.1	9.1	-19.9	-0.2	4.6	-54.6	-43.6	8.6
13803	ok	0.0	0.6	5.35e-03	9.1	9.1	9.1	9.1	-19.2	-0.2	4.4	-52.6	-39.2	9.0
13804	ok	0.0	0.6	5.26e-03	9.1	9.1	9.1	9.1	-19.6	1.00e-02	4.2	-51.8	-42.2	10.1
13805	ok	0.0	0.6	5.35e-03	9.1	9.1	9.1	9.1	-19.5	-1.0	5.1	-56.8	-42.5	7.1
13806	ok	0.0	0.6	5.25e-03	9.1	9.1	9.1	9.1	-20.1	-0.6	5.0	-56.1	-44.2	7.3
13807	ok	0.0	0.5	5.62e-03	9.1	9.1	9.1	9.1	-23.7	-2.4	7.8	-40.1	-36.0	-4.4
13808	ok	0.0	0.6	5.41e-03	9.1	9.1	9.1	9.1	-19.6	-1.7	5.7	-56.7	-42.5	6.3
13809	ok	0.0	0.6	5.32e-03	9.1	9.1	9.1	9.1	-20.4	-1.3	5.6	-56.1	-43.6	5.8
13810	ok	0.0	0.6	5.51e-03	9.1	9.1	9.1	9.1	-19.7	-3.2	6.5	-53.1	-39.6	5.1
13811	ok	0.0	0.6	5.48e-03	9.1	9.1	9.1	9.1	-20.6	-2.9	6.5	-52.3	-40.3	3.8
13812	ok	0.0	0.6	5.45e-03	9.1	9.1	9.1	9.1	-19.7	-2.4	6.1	-55.4	-41.4	5.7
13813	ok	0.0	0.6	5.39e-03	9.1	9.1	9.1	9.1	-20.6	-2.0	6.0	-54.8	-42.3	4.8
13814	ok	0.0	0.2	8.34e-03	9.1	9.1	9.1	9.1	21.8	46.2	9.8	8.1	8.9	-0.3
13815	ok	0.0	0.5	5.61e-03	9.1	9.1	9.1	9.1	-19.3	-5.2	6.8	-46.1	-34.5	3.6
13816	ok	0.0	0.5	5.67e-03	9.1	9.1	9.1	9.1	-20.2	-5.1	7.2	-45.0	-35.5	1.8
13817	ok	0.0	0.5	5.56e-03	9.1	9.1	9.1	9.1	-19.6	-4.1	6.7	-50.1	-37.3	4.4
13818	ok	0.0	0.5	5.47e-03	9.1	9.1	9.1	9.1	-21.8	-2.3	7.2	-45.9	-39.7	-1.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13819	ok	0.0	0.5	5.32e-03	9.1	9.1	9.1	9.1	-23.1	-1.3	6.7	-44.0	-39.0	-3.2
13820	ok	0.0	0.5	5.57e-03	9.1	9.1	9.1	9.1	-20.5	-3.9	6.9	-49.1	-38.1	2.9
13821	ok	0.0	0.4	5.96e-03	9.1	9.1	9.1	9.1	-18.6	-7.5	6.4	-37.2	-28.8	1.5
13822	ok	0.0	0.4	6.08e-03	9.1	9.1	9.1	9.1	-18.7	-8.1	8.0	-35.7	-31.2	-1.3
13823	ok	0.0	0.3	6.02e-03	9.1	9.1	9.1	9.1	-16.9	-10.8	5.8	-26.9	-23.2	-2.1
13824	ok	0.0	0.3	6.40e-03	9.1	9.1	9.1	9.1	-16.6	-11.9	7.3	-25.1	-26.4	-3.9
13825	ok	0.0	0.3	5.89e-03	9.1	9.1	9.1	9.1	-16.0	-12.4	4.6	-20.9	-20.1	-3.7
13826	ok	0.0	0.3	6.45e-03	9.1	9.1	9.1	9.1	-12.7	-23.2	-2.7	-17.1	-27.0	-9.9
13827	ok	0.0	0.2	6.54e-03	9.1	9.1	9.1	9.1	-13.5	-43.8	-3.0	-7.8	-11.4	-13.6
13828	ok	0.0	0.4	7.40e-03	9.1	9.1	9.1	9.1	-7.8	-37.4	-8.1	-6.1	-27.2	-17.5
13829	ok	0.0	0.4	7.82e-03	9.1	9.1	9.1	9.1	-0.8	4.9	8.6	7.7	-30.3	10.0
13830	ok	0.0	0.4	8.34e-03	9.1	9.1	9.1	9.1	-5.3	-41.4	-9.7	-2.6	-26.3	-18.8
13831	ok	0.0	0.5	8.46e-03	9.1	9.1	9.1	9.1	5.1	12.2	8.2	4.0	-43.0	10.3
13832	ok	0.0	0.4	8.51e-03	9.1	9.1	9.1	9.1	-0.4	-41.4	-4.5	-0.9	-24.9	-19.5
13833	ok	0.0	0.5	9.93e-03	9.1	9.1	9.1	9.1	-3.1	-57.0	-7.4	26.8	15.4	-20.2
13834	ok	0.0	0.4	8.65e-03	9.1	9.1	9.1	9.1	0.4	-39.3	-5.2	-1.8	-24.3	-19.3
13835	ok	0.0	0.1	6.31e-03	9.1	9.1	9.1	9.1	-10.0	4.9	22.0	4.2	-7.3	4.3
13836	ok	0.0	0.2	4.77e-03	9.1	9.1	9.1	9.1	-6.9	-0.2	-1.5	7.8	14.4	1.1
13837	ok	0.0	0.2	6.52e-03	9.1	9.1	9.1	9.1	-8.6	-0.7	-0.8	13.8	1.6	3.5
13838	ok	0.0	0.3	6.12e-03	9.1	9.1	9.1	9.1	-7.3	-1.1	-1.6	18.2	24.8	1.6
13839	ok	0.0	0.2	3.34e-03	9.1	9.1	9.1	9.1	2.65e-03	-19.9	0.1	-1.7	-15.8	5.4
13840	ok	0.0	0.3	6.81e-03	9.1	9.1	9.1	9.1	-8.9	-1.0	-1.8	23.6	3.2	0.2
13841	ok	0.0	0.5	6.26e-03	9.1	9.1	9.1	9.1	-5.9	-2.5	-2.4	40.1	39.1	7.3
13842	ok	0.0	0.3	6.91e-03	9.1	9.1	9.1	9.1	-13.3	-2.6	-0.5	29.1	2.5	-8.1
13843	ok	0.0	0.7	7.41e-03	9.1	9.1	9.1	9.1	-15.4	-5.0	-4.9	58.6	30.6	-9.6
13844	ok	0.0	0.2	3.25e-03	9.1	9.1	9.1	9.1	-3.41e-03	-19.2	-1.22e-02	-1.4	-19.8	-3.4
13845	ok	0.0	0.3	8.37e-03	9.1	9.1	9.1	9.1	46.4	-4.5	27.6	5.1	19.0	0.6
13846	ok	0.0	0.3	7.14e-03	9.1	9.1	9.1	9.1	-14.0	-3.2	-3.1	4.2	8.0	-22.8
13847	ok	0.0	0.5	7.43e-03	9.1	9.1	9.1	9.1	-15.2	-2.6	-4.8	8.3	28.3	-23.0
13848	ok	0.0	0.3	9.82e-03	9.1	9.1	9.1	9.1	49.8	-12.1	12.3	7.7	19.1	1.0
13849	ok	0.0	0.4	7.13e-03	9.1	9.1	9.1	9.1	-14.2	-3.6	-2.7	22.6	6.8	-18.0
13850	ok	0.0	0.3	8.60e-03	9.1	9.1	9.1	9.1	67.9	-29.7	46.2	6.7	29.2	2.2
13851	ok	0.0	0.4	1.05e-02	9.1	9.1	9.1	9.1	68.8	-48.0	44.0	7.1	28.8	2.3
13852	ok	0.0	0.2	8.58e-03	9.1	9.1	9.1	9.1	-14.6	-25.9	-21.7	-3.6	-5.9	0.9
13853	ok	0.0	0.2	3.29e-03	9.1	9.1	9.1	9.1	1.72e-04	-19.4	5.71e-02	-1.6	-17.1	0.9
13854	ok	0.0	0.8	8.11e-03	9.1	9.1	9.1	9.1	-10.6	-5.2	-5.7	47.5	45.8	-24.0
13855	ok	0.0	0.3	6.25e-03	9.1	9.1	9.1	9.1	-14.4	-1.5	-2.1	-10.9	9.0	-20.5
13856	ok	0.0	0.3	6.38e-03	9.1	9.1	9.1	9.1	-15.7	-1.0	-2.5	-10.8	12.7	-20.6
13857	ok	0.0	0.3	6.46e-03	9.1	9.1	9.1	9.1	-13.9	-2.1	-2.6	-5.6	8.6	-21.2
13858	ok	0.0	0.3	6.71e-03	9.1	9.1	9.1	9.1	-15.4	-1.6	-3.0	-4.6	16.3	-20.8
13859	ok	0.0	0.3	6.00e-03	9.1	9.1	9.1	9.1	-15.0	-0.8	-0.9	-3.1	20.3	-18.1
13860	ok	0.0	0.5	4.84e-03	9.1	9.1	9.1	9.1	-24.1	-4.12e-02	5.6	-41.7	-37.6	-5.6
13861	ok	0.0	0.3	5.88e-03	9.1	9.1	9.1	9.1	-15.9	-0.3	-0.9	-4.3	15.0	-21.7
13862	ok	0.0	0.3	6.18e-03	9.1	9.1	9.1	9.1	-14.9	-0.9	-1.3	-9.4	14.3	-18.8
13863	ok	0.0	0.4	6.17e-03	9.1	9.1	9.1	9.1	-21.6	-7.0	9.9	-32.8	-32.1	-4.2
13864	ok	0.0	0.2	6.66e-03	9.1	9.1	9.1	9.1	9.1	4.6	-12.6	-3.8	-8.3	-0.6
13865	ok	0.0	0.2	6.22e-03	9.1	9.1	9.1	9.1	-14.7	-1.1	-1.7	-11.9	10.7	-19.7
13866	ok	0.0	0.3	5.93e-03	9.1	9.1	9.1	9.1	-15.9	-0.4	-1.4	-10.0	12.3	-21.0
13867	ok	0.0	0.3	5.94e-03	9.1	9.1	9.1	9.1	-15.8	-0.6	-1.9	-12.2	11.5	-20.7
13868	ok	0.0	0.9	5.77e-03	9.1	9.1	9.1	9.1	-14.3	-1.1	-0.2	41.2	65.5	-22.8
13869	ok	0.0	0.7	5.92e-03	9.1	9.1	9.1	9.1	-15.6	-1.0	0.8	41.2	31.9	-28.6
13870	ok	0.0	0.5	5.92e-03	9.1	9.1	9.1	9.1	-14.8	-1.0	-0.4	12.7	33.3	-17.8
13871	ok	0.0	0.4	5.84e-03	9.1	9.1	9.1	9.1	-16.0	-0.4	-0.2	10.8	21.8	-23.2
13872	ok	0.0	1.0	6.18e-03	9.1	14.9	9.1	15.4	-11.5	-3.6	2.3	104.0	107.5	-39.7
13873	ok	0.0	0.9	6.05e-03	9.1	9.5	9.1	9.1	-17.2	-1.4	2.2	72.4	26.7	-22.6
13874	ok	0.0	0.2	6.33e-03	9.1	9.1	9.1	9.1	-14.4	-1.1	-1.2	-8.6	13.0	-16.3
13875	ok	0.0	0.2	6.42e-03	9.1	9.1	9.1	9.1	-14.2	-1.4	-1.5	-11.4	8.4	-17.9
13876	ok	0.0	0.6	6.93e-03	9.1	9.1	9.1	9.1	-21.0	1.3	6.3	25.8	48.8	3.0
13877	ok	0.0	0.4	6.42e-03	9.1	9.1	9.1	9.1	-19.7	-0.8	4.1	22.3	19.4	17.6
13878	ok	0.0	0.8	5.99e-03	9.1	9.1	9.1	9.1	-14.3	-5.9	-0.6	41.1	70.6	-9.8
13879	ok	0.0	0.4	6.06e-03	9.1	9.1	9.1	9.1	-14.3	-1.2	-0.6	13.8	34.5	-11.8
13880	ok	0.0	0.4	5.77e-03	9.1	9.1	9.1	9.1	-17.3	0.3	4.0	-38.5	-18.2	2.5
13881	ok	0.0	0.5	5.62e-03	9.1	9.1	9.1	9.1	-17.6	0.5	4.1	-38.6	-23.5	8.4
13882	ok	0.0	0.3	5.92e-03	9.1	9.1	9.1	9.1	-17.6	0.5	3.8	-29.6	-9.0	2.7
13883	ok	0.0	0.2	6.10e-03	9.1	9.1	9.1	9.1	-19.0	6.57e-02	3.4	-18.0	4.1	3.2
13884	ok	0.0	0.2	6.42e-03	9.1	9.1	9.1	9.1	-19.3	-1.80e-02	3.4	-1.1	19.0	4.2
13885	ok	0.0	0.4	5.76e-03	9.1	9.1	9.1	9.1	-17.6	0.6	4.0	-29.6	-15.9	9.9
13886	ok	0.0	0.3	5.92e-03	9.1	9.1	9.1	9.1	-17.8	0.5	4.0	-17.5	-6.9	11.6
13887	ok	0.0	0.2	6.10e-03	9.1	9.1	9.1	9.1	-19.4	-0.2	3.9	-1.4	5.5	13.4
13888	ok	0.0	0.5	5.71e-03	9.1	9.1	9.1	9.1	-17.1	-0.1	4.4	-47.6	-28.8	2.7
13889	ok	0.0	0.6	5.59e-03	9.1	9.1	9.1	9.1	-18.6	-0.3	4.1	-49.0	-31.3	7.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13890	ok	0.0	0.4	5.72e-03	9.1	9.1	9.1	9.1	-27.3	-3.1	9.4	-29.7	-27.8	-8.4
13891	ok	0.0	0.6	5.57e-03	9.1	9.1	9.1	9.1	-17.6	-1.4	4.7	-54.5	-36.0	4.1
13892	ok	0.0	0.6	5.48e-03	9.1	9.1	9.1	9.1	-18.5	-1.0	4.8	-55.5	-38.3	6.4
13893	ok	0.0	0.6	5.62e-03	9.1	9.1	9.1	9.1	-17.7	-1.0	4.3	-52.2	-32.4	3.4
13894	ok	0.0	0.6	5.50e-03	9.1	9.1	9.1	9.1	-18.6	-0.6	4.4	-52.9	-35.3	6.7
13895	ok	0.0	0.6	5.54e-03	9.1	9.1	9.1	9.1	-17.5	-1.9	5.1	-55.7	-38.5	5.1
13896	ok	0.0	0.6	5.47e-03	9.1	9.1	9.1	9.1	-18.5	-1.5	5.2	-56.8	-40.2	6.4
13897	ok	0.0	0.6	5.53e-03	9.1	9.1	9.1	9.1	-17.3	-2.6	5.7	-55.6	-39.6	6.5
13898	ok	0.0	0.6	5.50e-03	9.1	9.1	9.1	9.1	-18.5	-2.2	5.7	-56.7	-40.8	6.6
13899	ok	0.0	0.6	5.44e-03	9.1	9.1	9.1	9.1	-17.1	-3.8	6.3	-52.6	-37.6	8.5
13900	ok	0.0	0.6	5.51e-03	9.1	9.1	9.1	9.1	-18.5	-3.6	6.4	-53.4	-38.3	6.8
13901	ok	0.0	0.6	5.48e-03	9.1	9.1	9.1	9.1	-17.2	-3.2	6.0	-54.5	-39.1	7.5
13902	ok	0.0	0.6	5.50e-03	9.1	9.1	9.1	9.1	-18.5	-2.8	6.1	-55.5	-40.0	6.7
13903	ok	0.0	0.6	5.33e-03	9.1	9.1	9.1	9.1	-17.1	-5.0	6.6	-47.0	-32.2	9.6
13904	ok	0.0	0.5	5.50e-03	9.1	9.1	9.1	9.1	-18.3	-5.1	6.6	-47.0	-32.9	6.5
13905	ok	0.0	0.6	5.39e-03	9.1	9.1	9.1	9.1	-17.1	-4.4	6.5	-50.1	-35.3	9.2
13906	ok	0.0	0.2	5.85e-03	9.1	9.1	9.1	9.1	1.2	-2.5	-16.2	-3.8	-8.3	-0.4
13907	ok	0.0	0.6	5.51e-03	9.1	9.1	9.1	9.1	-18.4	-4.3	6.5	-50.7	-36.0	6.7
13908	ok	0.0	0.5	5.51e-03	9.1	9.1	9.1	9.1	-17.0	-6.3	7.1	-39.7	-25.6	9.5
13909	ok	0.0	0.8	5.86e-03	9.1	10.5	9.1	9.1	28.1	5.5	7.4	69.5	-9.0	28.3
13910	ok	0.0	0.2	4.56e-03	9.1	9.1	9.1	9.1	0.3	-11.1	-1.6	10.4	12.6	5.3
13911	ok	0.0	0.4	5.25e-03	9.1	9.1	9.1	9.1	-5.4	4.3	-23.9	-13.1	21.9	28.7
13912	ok	0.0	0.4	5.74e-03	9.1	9.1	9.1	9.1	-18.3	-6.6	6.0	-39.1	-26.0	5.3
13913	ok	0.0	1.0	8.23e-03	12.7	14.0	9.3	17.2	-17.1	8.3	-13.8	6.2	37.0	124.8
13914	ok	0.0	1.0	8.57e-03	74.2	77.9	44.8	52.0	-39.5	-69.7	22.3	337.6	254.3	-214.4
13917	ok	0.0	1.0	3.23e-03	9.1	10.1	9.1	9.1	23.5	-0.1	2.5	92.3	2.1	2.3
13918	ok	0.0	0.9	1.17e-02	21.5	9.1	19.3	20.0	12.6	35.3	19.0	-119.9	-161.4	-15.3
13919	ok	0.0	0.3	1.09e-02	9.1	9.1	9.1	9.1	31.1	2.8	-7.3	0.5	-11.3	12.3
13920	ok	0.0	0.3	1.27e-02	9.1	9.1	9.1	9.1	39.0	2.1	-3.3	-6.3	-13.0	12.9
13921	ok	0.0	0.4	2.41e-02	9.1	9.1	9.1	9.1	2.0	57.1	-63.4	36.5	7.6	9.4
13922	ok	0.0	0.5	2.09e-02	9.1	9.1	9.1	9.1	-30.2	45.5	37.0	27.0	30.0	8.5
13923	ok	0.0	0.3	1.16e-02	9.1	9.1	9.1	9.1	28.1	3.6	-5.0	-1.7	-13.9	12.8
13924	ok	0.0	0.3	1.21e-02	9.1	9.1	9.1	9.1	30.7	3.6	-2.2	-3.8	-14.6	12.9
13925	ok	0.0	0.3	1.23e-02	9.1	9.1	9.1	9.1	32.4	2.6	-3.9	-5.9	-14.3	13.5
13926	ok	0.0	0.3	1.50e-02	9.1	9.1	9.1	9.1	40.6	3.5	-5.2	-8.1	-11.9	13.7
13927	ok	0.0	0.3	1.76e-02	9.1	9.1	9.1	9.1	38.9	-54.9	80.0	-13.3	-12.2	6.3
13928	ok	0.0	0.3	2.04e-02	9.1	9.1	9.1	9.1	-3.7	40.8	-51.6	24.5	5.4	9.3
13929	ok	0.0	0.4	2.43e-02	9.1	9.1	9.1	9.1	0.3	36.3	-26.2	36.3	13.8	-6.95e-02
13930	ok	0.0	0.5	2.40e-02	9.1	9.1	9.1	9.1	-2.0	44.4	-23.5	37.0	22.1	-1.1
13931	ok	0.0	0.5	2.21e-02	9.1	9.1	9.1	9.1	-19.2	46.8	-12.3	34.2	28.7	0.7
13932	ok	0.0	0.4	1.61e-02	9.1	9.1	9.1	9.1	-14.8	28.6	28.1	18.7	18.5	8.2
13933	ok	0.0	0.3	1.42e-02	9.1	9.1	9.1	9.1	-7.9	39.2	-21.5	6.8	-10.5	15.4
13934	ok	0.0	0.3	1.26e-02	9.1	9.1	9.1	9.1	-2.6	31.8	-21.2	4.3	-9.7	14.4
13935	ok	0.0	0.4	1.99e-02	9.1	9.1	9.1	9.1	41.0	-53.3	59.6	-17.3	-13.4	10.8
13936	ok	0.0	0.3	1.73e-02	9.1	9.1	9.1	9.1	33.6	6.9	-8.7	-8.3	-13.2	15.2
13937	ok	0.0	0.3	1.48e-02	9.1	9.1	9.1	9.1	32.9	4.4	-5.8	-7.6	-14.0	14.5
13938	ok	0.0	0.4	1.82e-02	9.1	9.1	9.1	9.1	47.8	-56.4	49.6	-17.0	-16.0	11.9
13939	ok	0.0	0.4	1.62e-02	9.1	9.1	9.1	9.1	35.8	8.4	-8.6	-7.6	-15.7	15.8
13940	ok	0.0	0.3	1.41e-02	9.1	9.1	9.1	9.1	32.2	6.0	-3.8	-4.5	-15.1	14.3
13941	ok	0.0	0.4	1.69e-02	9.1	9.1	9.1	9.1	-9.9	28.9	-8.8	20.4	17.3	7.0
13942	ok	0.0	0.3	1.51e-02	9.1	9.1	9.1	9.1	55.6	-67.9	43.8	-10.6	-15.1	9.0
13943	ok	0.0	0.3	1.34e-02	9.1	9.1	9.1	9.1	34.4	-39.3	16.1	-1.9	-15.0	14.1
13944	ok	0.0	0.3	8.01e-03	9.1	9.1	9.1	9.1	19.6	-15.2	9.3	14.2	17.1	9.7
13945	ok	0.0	0.5	1.63e-02	9.1	9.1	9.1	9.1	42.8	-55.1	16.3	16.4	33.0	11.7
13946	ok	0.0	0.3	9.85e-03	9.1	9.1	9.1	9.1	-9.0	25.9	0.9	5.9	12.0	9.0
13947	ok	0.0	0.2	1.04e-02	9.1	9.1	9.1	9.1	11.2	3.2	-7.6	3.3	-8.5	10.6
13948	ok	0.0	0.6	1.92e-02	9.1	9.1	9.1	9.1	-21.8	46.6	33.4	29.2	32.0	9.8
13949	ok	0.0	0.5	1.79e-02	9.1	9.1	9.1	9.1	47.9	-58.8	26.0	19.5	37.8	11.5
13950	ok	0.0	0.4	1.17e-02	9.1	9.1	9.1	9.1	35.8	-37.9	20.5	10.6	26.0	10.9
13951	ok	0.0	0.4	1.05e-02	9.1	9.1	9.1	9.1	-6.0	22.4	20.0	11.6	18.9	12.7
13952	ok	0.0	0.4	9.49e-03	9.1	9.1	9.1	9.1	22.5	-16.5	8.0	11.3	16.7	15.4
13953	ok	0.0	0.4	1.49e-02	9.1	9.1	9.1	9.1	-14.2	29.4	25.1	17.3	20.1	9.8
13954	ok	0.0	0.3	1.33e-02	9.1	9.1	9.1	9.1	-8.1	22.9	-5.6	9.8	15.5	10.3
13955	ok	0.0	0.3	1.19e-02	9.1	9.1	9.1	9.1	-12.4	31.4	-11.0	6.4	11.7	9.9
13956	ok	0.0	0.4	1.29e-02	9.1	9.1	9.1	9.1	-11.1	29.3	23.0	17.1	20.6	11.4
13957	ok	0.0	0.4	1.14e-02	9.1	9.1	9.1	9.1	-7.2	23.2	28.4	11.7	17.2	12.0
13958	ok	0.0	0.3	1.11e-02	9.1	9.1	9.1	9.1	-12.5	32.2	17.9	8.2	14.2	11.3
13959	ok	0.0	0.9	2.97e-02	9.1	9.1	9.1	9.1	153.4	-82.3	-58.2	41.9	85.3	-4.3
13960	ok	0.0	0.4	2.08e-02	9.1	9.1	9.1	9.1	48.2	-57.9	-23.5	24.3	36.7	5.5
13961	ok	0.0	0.8	2.57e-02	9.1	9.1	9.1	9.1	-81.0	44.9	-40.9	57.7	45.3	-2.6
13962	ok	0.0	0.9	4.68e-02	9.1	9.1	9.1	9.5	98.2	-182.9	67.6	62.7	88.2	-9.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13963	ok	0.0	0.8	2.86e-02	9.1	9.1	9.1	9.1	81.5	-89.0	-49.0	43.9	78.3	-4.3
13964	ok	0.0	0.6	2.52e-02	9.1	9.1	9.1	9.1	61.6	-76.0	-29.9	32.3	51.5	1.5
13965	ok	0.0	0.4	2.10e-02	9.1	9.1	9.1	9.1	47.3	-70.2	13.3	25.6	33.6	7.8
13966	ok	0.0	0.5	1.87e-02	9.1	9.1	9.1	9.1	47.9	-64.7	16.4	22.6	33.1	9.8
13967	ok	0.0	0.9	4.22e-02	9.1	9.1	9.6	9.1	69.9	-157.8	-36.2	47.6	77.4	-2.7
13968	ok	0.0	0.7	2.24e-02	9.1	9.1	9.1	9.1	74.8	-71.1	53.1	38.0	53.1	9.1
13969	ok	0.0	0.5	2.70e-02	9.1	9.1	9.1	9.1	56.6	-97.6	14.3	31.4	42.6	6.7
13970	ok	0.0	0.6	2.13e-02	9.1	9.1	9.1	9.1	58.4	-74.5	19.2	29.8	44.2	10.0
13971	ok	0.0	0.3	9.28e-03	9.1	9.1	9.1	9.1	19.7	82.2	27.7	24.4	6.6	0.8
13972	ok	0.0	0.6	2.41e-02	9.1	9.1	9.1	9.1	6.0	64.5	-75.2	48.4	10.1	6.9
13973	ok	0.0	0.7	2.17e-02	9.1	9.1	9.1	9.1	8.0	68.5	-78.4	59.9	12.6	3.7
13974	ok	0.0	0.3	1.13e-02	9.1	9.1	9.1	9.1	17.0	75.1	25.8	23.1	7.1	1.1
13975	ok	0.0	0.3	1.32e-02	9.1	9.1	9.1	9.1	16.1	101.2	2.1	19.2	15.0	3.3
13976	ok	0.0	0.5	1.53e-02	9.1	9.1	9.1	9.1	13.0	68.4	1.9	26.6	24.8	4.5
13977	ok	0.0	0.7	2.06e-02	9.1	9.1	9.1	9.1	5.9	65.6	-78.6	56.5	12.2	4.2
13978	ok	0.0	0.5	2.46e-02	9.1	9.1	9.1	9.1	5.9	61.5	-76.2	46.4	8.8	7.5
13979	ok	0.0	0.6	2.05e-02	9.1	9.1	9.1	9.1	-2.3	98.0	-37.1	56.5	17.7	2.1
13980	ok	0.0	0.6	2.63e-02	9.1	9.1	9.1	9.1	-11.3	56.0	-35.8	49.1	23.2	-1.9
13981	ok	0.0	0.8	2.30e-02	9.1	9.1	9.1	9.1	-31.4	145.6	-21.8	68.2	42.0	-5.2
13982	ok	0.0	0.7	2.94e-02	9.1	9.1	9.1	9.1	-40.9	64.8	-25.0	57.9	42.2	-5.1
13984	ok	0.0	0.3	6.56e-04	9.1	9.1	9.1	9.1	69.0	6.3	21.6	-6.3	20.1	-18.4
13985	ok	0.0	0.4	2.40e-02	9.1	9.1	9.1	9.1	-20.0	44.5	-62.0	37.8	8.7	8.4
13986	ok	0.0	0.6	3.30e-02	9.1	9.1	9.1	9.1	-59.5	33.1	-56.6	39.9	10.2	8.7
13987	ok	0.0	0.6	4.43e-02	9.1	9.1	9.1	9.1	-145.4	26.8	-50.9	39.6	8.5	6.7
13988	ok	0.0	0.4	5.73e-03	9.1	9.1	9.1	9.1	-31.9	-9.8	10.5	-16.5	-9.7	-27.2
13990	ok	0.0	0.7	2.11e-02	9.1	9.1	9.1	9.1	212.0	75.7	38.8	29.3	8.4	-3.6
13991	ok	0.0	0.5	1.45e-02	9.1	9.1	9.1	9.1	116.8	54.9	19.2	28.6	8.1	-2.7
13992	ok	0.0	0.4	9.23e-03	9.1	9.1	9.1	9.1	55.7	55.5	22.5	24.6	7.1	1.1
13993	ok	0.0	1.0	4.32e-02	9.1	11.8	9.1	9.1	165.1	41.4	-59.0	88.7	18.4	1.2
13994	ok	0.0	0.9	4.91e-02	9.1	9.3	9.1	9.1	139.2	31.4	-52.3	64.3	15.8	7.9
13995	ok	0.0	1.0	3.05e-02	9.1	9.5	9.1	9.1	111.5	55.4	-76.1	74.1	15.7	3.3
13996	ok	0.0	0.8	3.40e-02	9.1	9.1	9.1	9.1	-44.3	21.0	-70.5	58.7	13.8	6.9
13997	ok	0.0	0.8	2.58e-02	9.1	9.1	9.1	9.1	-6.7	50.7	-80.9	65.5	13.8	3.5
13998	ok	0.0	0.7	2.84e-02	9.1	9.1	9.1	9.1	-10.5	40.4	-75.4	52.5	11.0	6.5
13999	ok	0.0	0.8	2.38e-02	9.1	9.1	9.1	9.1	66.7	-42.4	-65.1	19.1	70.5	1.8
14000	ok	0.0	0.5	1.80e-02	9.1	9.1	9.1	9.1	48.0	-38.9	-35.6	19.0	39.3	2.7
14001	ok	0.0	0.8	2.19e-02	9.1	9.1	9.1	9.1	59.9	-42.0	-59.0	24.3	65.9	0.7
14002	ok	0.0	0.6	2.05e-02	9.1	9.1	9.1	9.1	55.4	-45.1	-47.2	24.2	53.3	0.7
14004	ok	0.0	0.3	1.27e-02	9.1	9.1	9.1	9.1	46.4	1.8	-2.4	-6.6	-11.0	11.7
14005	ok	0.0	0.3	1.26e-02	9.1	9.1	9.1	9.1	21.5	-3.8	-5.2	-7.6	-5.9	13.8
14006	ok	0.0	0.3	1.73e-02	9.1	9.1	9.1	9.1	20.8	-2.5	-0.3	-7.8	-3.6	13.4
14010	ok	0.0	0.5	3.74e-02	9.1	9.1	9.1	9.1	-125.6	21.9	-47.1	27.0	4.0	7.0
14011	ok	0.0	0.4	2.88e-02	9.1	9.1	9.1	9.1	-95.2	15.3	-35.8	17.0	2.1	7.4
14012	ok	0.0	0.3	2.23e-02	9.1	9.1	9.1	9.1	41.7	-14.0	59.0	-16.2	-5.6	-2.9
14013	ok	0.0	0.4	2.87e-02	9.1	9.1	9.1	9.1	-68.6	2.1	-42.9	27.5	3.9	7.6
14014	ok	0.0	0.3	2.47e-02	9.1	9.1	9.1	9.1	-63.8	3.7	-30.4	16.3	1.0	7.7
14015	ok	0.0	0.3	2.04e-02	9.1	9.1	9.1	9.1	59.0	-9.6	6.9	-7.1	-5.2	12.8
14016	ok	0.0	0.3	2.11e-02	9.1	9.1	9.1	9.1	-26.7	33.0	-51.2	24.6	5.0	8.0
14017	ok	0.0	0.3	1.84e-02	9.1	9.1	9.1	9.1	48.4	-45.3	83.0	-13.3	-9.6	5.0
14018	ok	0.0	0.3	1.55e-02	9.1	9.1	9.1	9.1	50.5	2.8	-4.2	-8.6	-9.4	12.3
14019	ok	0.0	0.8	1.62e-02	9.1	9.1	9.1	9.1	57.1	-32.0	-103.3	15.2	75.5	2.7
14020	ok	0.0	0.5	1.51e-02	9.1	9.1	9.1	9.1	57.3	-32.1	-88.9	6.3	39.4	7.2
14021	ok	0.0	0.8	1.98e-02	9.1	9.1	9.1	9.1	49.6	-29.0	-59.7	15.6	69.7	1.9
14022	ok	0.0	0.8	1.78e-02	9.1	9.1	9.1	9.1	59.5	-46.2	-104.4	14.7	72.1	3.0
14023	ok	0.0	0.7	1.57e-02	9.1	9.1	9.1	9.1	58.6	-31.5	-100.4	12.4	62.2	5.5
14024	ok	0.0	0.6	1.55e-02	9.1	9.1	9.1	9.1	53.9	-33.9	-94.5	9.5	50.0	7.2
14025	ok	0.0	0.5	1.60e-02	9.1	9.1	9.1	9.1	38.1	-21.1	-42.8	10.8	39.8	4.4
14026	ok	0.0	0.5	1.69e-02	9.1	9.1	9.1	9.1	45.3	-27.8	-41.8	15.5	40.0	3.0
14027	ok	0.0	0.7	1.73e-02	9.1	9.1	9.1	9.1	59.6	-45.6	-100.9	12.4	60.9	6.1
14028	ok	0.0	0.7	1.92e-02	9.1	9.1	9.1	9.1	46.0	-29.2	-55.2	15.0	61.4	3.5
14029	ok	0.0	0.6	1.68e-02	9.1	9.1	9.1	9.1	38.4	-21.3	-47.8	11.7	50.1	4.4
14030	ok	0.0	0.6	1.81e-02	9.1	9.1	9.1	9.1	44.2	-28.6	-48.0	15.7	51.3	3.0
14031	ok	0.0	0.2	8.09e-03	9.1	9.1	9.1	9.1	22.9	66.6	18.8	14.0	6.0	-1.1
14032	ok	0.0	0.2	7.94e-03	9.1	9.1	9.1	9.1	51.1	16.6	26.3	-4.0	-7.5	-1.2
14033	ok	0.0	0.9	8.09e-03	9.1	9.8	9.1	9.1	-17.8	-22.9	-7.5	69.7	41.0	27.7
14034	ok	0.0	0.6	6.26e-03	9.1	9.1	9.1	9.1	-30.5	-15.6	-2.6	33.0	45.9	9.0
14035	ok	0.0	0.2	5.51e-03	9.1	9.1	9.1	9.1	17.4	-23.2	-14.6	-3.5	11.4	-4.8
14036	ok	0.0	0.2	8.06e-03	9.1	9.1	9.1	9.1	18.7	46.0	11.6	6.5	5.1	-0.7
14037	ok	0.0	0.2	8.12e-03	9.1	9.1	9.1	9.1	50.2	23.6	42.2	-3.8	-6.4	-1.5
14038	ok	0.0	0.2	4.73e-03	9.1	9.1	9.1	9.1	0.3	-3.9	-26.6	-3.5	14.2	-3.6
14039	ok	0.0	0.2	6.14e-03	9.1	9.1	9.1	9.1	8.3	-7.9	-27.3	2.2	15.6	-6.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14040	ok	0.0	0.2	4.85e-03	9.1	9.1	9.1	9.1	0.5	-3.4	-29.2	-2.9	16.6	-4.1
14041	ok	0.0	0.2	4.67e-03	9.1	9.1	9.1	9.1	1.5	-3.1	-27.3	-6.6	12.6	-4.0
14042	ok	0.0	0.2	4.66e-03	9.1	9.1	9.1	9.1	2.8	-3.7	-28.0	-7.4	11.7	-5.1
14043	ok	0.0	0.2	5.32e-03	9.1	9.1	9.1	9.1	4.2	-5.0	-27.7	-5.2	11.5	-6.2
14044	ok	0.0	0.2	4.76e-03	9.1	9.1	9.1	9.1	2.1	-2.4	-30.0	-6.6	15.9	-3.9
14045	ok	0.0	0.2	5.09e-03	9.1	9.1	9.1	9.1	-5.3	23.8	-3.1	-8.0	14.2	-5.7
14046	ok	0.0	0.2	5.74e-03	9.1	9.1	9.1	9.1	5.5	-5.0	-30.9	-5.3	15.2	-6.6
14049	ok	0.0	0.3	8.77e-03	9.1	9.1	9.1	9.1	14.4	58.3	12.4	13.9	5.8	-1.4
14050	ok	0.0	0.3	1.46e-02	9.1	9.1	9.1	9.1	121.2	68.2	19.9	12.6	5.6	-1.2
14051	ok	0.0	0.4	1.84e-02	9.1	9.1	9.1	9.1	200.9	52.8	33.4	8.9	3.7	9.26e-02
14054	ok	0.0	0.3	1.51e-02	9.1	9.1	9.1	9.1	99.1	3.6	34.0	-1.6	-3.6	1.8
14055	ok	0.0	0.3	1.13e-02	9.1	9.1	9.1	9.1	86.4	9.6	40.0	-2.7	-5.7	1.1
14056	ok	0.0	0.2	9.38e-03	9.1	9.1	9.1	9.1	59.8	-7.1	17.6	-3.8	-6.8	-2.81e-02
14057	ok	0.0	0.3	1.63e-02	9.1	9.1	9.1	9.1	91.3	8.7	-35.1	-1.1	-4.1	2.2
14058	ok	0.0	0.3	1.73e-02	9.1	9.1	9.1	9.1	176.8	16.1	-41.2	1.0	-2.2	2.8
14059	ok	0.0	0.2	1.27e-02	9.1	9.1	9.1	9.1	23.9	-10.9	67.8	-2.8	-5.1	0.6
14060	ok	0.0	0.2	1.31e-02	9.1	9.1	9.1	9.1	123.6	14.3	-3.7	2.6	1.4	2.3
14061	ok	0.0	0.2	8.85e-03	9.1	9.1	9.1	9.1	64.1	-7.6	50.6	-3.8	-6.2	-0.4
14062	ok	0.0	0.2	7.64e-03	9.1	9.1	9.1	9.1	24.2	40.1	3.2	5.2	2.6	-0.2
14063	ok	0.0	0.9	1.49e-02	9.1	9.1	9.1	9.1	12.8	-20.6	-97.7	15.9	79.1	2.4
14064	ok	0.0	0.4	1.43e-02	9.1	9.1	9.1	9.1	50.3	-20.5	-89.5	7.1	39.5	6.6
14065	ok	0.0	0.7	1.43e-02	9.1	9.1	9.1	9.1	54.7	-20.6	-95.3	12.5	64.2	4.8
14066	ok	0.0	0.6	1.44e-02	9.1	9.1	9.1	9.1	53.4	-21.0	-94.2	9.6	50.9	6.2
14067	ok	0.0	0.2	7.28e-03	9.1	9.1	9.1	9.1	33.5	-4.5	16.5	-3.4	-8.1	-0.9
14068	ok	0.0	0.2	6.81e-03	9.1	9.1	9.1	9.1	-10.9	-2.3	-0.7	4.3	-9.8	-11.6
14069	ok	0.0	0.2	6.55e-03	9.1	9.1	9.1	9.1	-14.0	-1.1	-0.9	-0.6	16.6	-10.4
14070	ok	0.0	0.2	6.67e-03	9.1	9.1	9.1	9.1	-13.9	-1.3	-1.1	-7.3	9.9	-13.3
14072	ok	0.0	0.3	1.34e-02	9.1	9.1	9.1	9.1	76.8	7.1	105.7	-1.1	-5.9	0.3
14073	ok	0.0	0.3	1.13e-02	9.1	9.1	9.1	9.1	82.8	5.4	34.8	-2.6	-6.7	0.6
14074	ok	0.0	0.2	9.14e-03	9.1	9.1	9.1	9.1	55.1	-3.0	12.0	-3.5	-7.8	-0.4
14075	ok	0.0	1.0	2.71e-02	9.1	9.8	9.1	10.6	82.2	43.2	-124.9	21.6	93.1	0.1
14076	ok	0.0	0.6	1.83e-02	9.1	9.1	9.1	9.1	1.6	43.9	-90.1	11.8	44.1	5.7
14077	ok	0.0	0.9	1.39e-02	9.1	9.1	9.1	9.1	8.5	-9.1	-95.4	16.8	82.3	2.0
14078	ok	0.0	1.0	1.62e-02	9.1	9.1	9.1	9.1	68.3	-1.0	-95.6	17.9	85.2	1.6
14079	ok	0.0	1.0	2.03e-02	9.1	9.3	9.1	9.4	82.1	14.6	-100.2	19.4	87.8	1.2
14080	ok	0.0	1.0	2.46e-02	9.1	9.5	9.1	10.0	92.7	27.7	-110.8	20.8	90.3	0.7
14081	ok	0.0	0.9	2.23e-02	9.1	9.1	9.1	9.1	2.7	34.0	-122.3	17.9	76.5	3.1
14082	ok	0.0	0.7	1.97e-02	9.1	9.1	9.1	9.1	4.6	42.6	-105.3	14.8	59.4	5.0
14083	ok	0.0	0.5	1.68e-02	9.1	9.1	9.1	9.1	6.1	29.4	-92.9	9.9	42.9	6.0
14084	ok	0.0	0.5	1.59e-02	9.1	9.1	9.1	9.1	7.6	15.8	-93.3	8.6	41.8	6.6
14085	ok	0.0	0.5	1.46e-02	9.1	9.1	9.1	9.1	8.1	-0.6	-92.4	7.5	40.8	7.4
14086	ok	0.0	0.5	1.37e-02	9.1	9.1	9.1	9.1	38.9	-10.6	-91.2	6.8	39.9	5.9
14087	ok	0.0	0.9	2.04e-02	9.1	9.1	9.1	9.1	51.1	9.5	-109.0	16.7	73.5	3.6
14088	ok	0.0	0.8	1.85e-02	9.1	9.1	9.1	9.1	56.6	4.6	-98.6	15.4	70.9	4.4
14089	ok	0.0	0.8	1.58e-02	9.1	9.1	9.1	9.1	56.6	-1.7	-93.8	14.1	68.6	3.0
14090	ok	0.0	0.7	1.44e-02	9.1	9.1	9.1	9.1	55.1	-9.8	-93.4	13.2	66.4	4.0
14091	ok	0.0	0.7	1.82e-02	9.1	9.1	9.1	9.1	5.8	26.8	-102.8	13.1	57.2	5.2
14092	ok	0.0	0.7	1.67e-02	9.1	9.1	9.1	9.1	6.2	13.3	-99.1	11.8	55.3	5.9
14093	ok	0.0	0.6	1.52e-02	9.1	9.1	9.1	9.1	43.8	-1.7	-95.8	10.6	53.6	4.2
14094	ok	0.0	0.6	1.39e-02	9.1	9.1	9.1	9.1	47.2	-10.7	-94.1	9.8	52.1	5.4
14095	ok	0.0	0.3	9.81e-03	9.1	9.1	9.1	9.1	9.7	-9.8	-0.3	9.4	20.6	-2.1
14096	ok	0.0	0.3	1.26e-02	9.1	9.1	9.1	9.1	-4.2	15.4	-2.8	-12.1	-13.2	-6.6
14097	ok	0.0	0.8	2.23e-02	9.1	9.1	9.1	9.1	-71.9	76.8	83.5	36.1	20.7	10.5
14098	ok	0.0	0.7	1.92e-02	9.1	9.1	9.1	9.1	-52.8	80.7	70.6	40.9	27.3	9.9
14099	ok	0.0	0.7	1.68e-02	9.1	9.1	9.1	9.1	-23.2	11.0	-41.1	31.7	40.8	19.4
14100	ok	0.0	0.8	1.23e-02	9.1	9.1	9.1	9.1	-4.7	5.2	-44.4	28.6	59.6	13.4
14101	ok	0.0	0.8	3.98e-02	9.1	9.1	9.1	9.1	199.1	7.9	19.6	31.9	0.1	-7.0
14102	ok	0.0	0.8	3.39e-02	9.1	9.1	9.1	9.1	166.9	6.6	38.9	33.8	-2.7	-5.6
14103	ok	0.0	0.7	2.71e-02	9.1	9.1	9.1	9.1	135.5	17.4	53.0	34.6	-2.3	2.9
14104	ok	0.0	0.7	2.35e-02	9.1	9.1	9.1	9.1	149.6	62.7	86.7	32.9	12.0	11.4
14105	ok	0.0	1.0	6.27e-03	9.1	12.0	9.1	13.2	19.6	-8.3	5.2	98.3	109.8	14.1
14106	ok	0.0	0.4	7.53e-03	9.1	9.1	9.1	9.1	22.3	-13.9	5.0	26.9	26.6	10.2
14107	ok	0.0	0.4	1.46e-02	9.1	9.1	9.1	9.1	38.4	-49.2	14.0	13.7	27.3	10.8
14108	ok	0.0	0.4	1.17e-02	9.1	9.1	9.1	9.1	32.7	-34.3	14.2	8.3	27.4	9.8
14109	ok	0.0	0.7	6.69e-03	9.1	9.1	9.1	9.1	12.4	-8.6	12.1	48.1	45.5	11.2
14110	ok	0.0	0.5	9.29e-03	9.1	9.1	9.1	9.1	25.3	-16.4	8.1	19.5	27.0	18.5
14111	ok	0.0	0.4	9.76e-03	9.1	9.1	9.1	9.1	26.3	-15.5	4.3	3.6	25.0	17.1
14112	ok	0.0	0.4	1.04e-02	9.1	9.1	9.1	9.1	34.7	-34.7	15.5	9.5	25.3	10.7
14113	ok	0.0	0.4	1.23e-02	9.1	9.1	9.1	9.1	37.7	-41.0	13.9	11.4	27.7	8.9
14114	ok	0.0	0.3	8.55e-03	9.1	9.1	9.1	9.1	34.0	-29.3	11.0	5.5	23.7	8.1
14115	ok	0.0	0.3	7.02e-03	9.1	9.1	9.1	9.1	-25.1	-15.3	-4.8	22.5	18.7	-4.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14116	ok	0.0	0.2	5.08e-03	9.1	9.1	9.1	9.1	-14.4	-16.8	-4.7	-8.9	7.4	16.7
14117	ok	0.0	0.2	5.38e-03	9.1	9.1	9.1	9.1	-7.9	10.4	-4.7	12.3	4.3	-5.7
14118	ok	0.0	0.3	5.21e-03	9.1	9.1	9.1	9.1	-18.7	-7.5	6.0	-25.7	-10.6	9.0
14119	ok	0.0	0.2	5.47e-03	9.1	9.1	9.1	9.1	-18.4	-9.4	4.1	-23.8	-12.6	1.1
14120	ok	0.0	0.4	8.84e-03	9.1	9.1	9.1	9.1	23.3	-10.2	2.6	2.2	35.6	11.1
14121	ok	0.0	0.7	6.35e-03	9.1	9.1	9.1	9.1	17.1	-6.3	4.8	21.3	56.4	9.7
14122	ok	0.0	0.4	9.50e-03	9.1	9.1	9.1	9.1	34.3	-32.0	12.9	7.8	24.3	9.8
14123	ok	0.0	0.4	9.31e-03	9.1	9.1	9.1	9.1	23.5	-16.9	1.0	4.2	34.7	14.8
14124	ok	0.0	0.8	9.57e-03	9.1	9.1	9.1	9.1	17.8	-6.4	5.1	27.1	52.8	22.6
14125	ok	0.0	0.4	1.80e-02	9.1	9.1	9.1	9.1	64.2	-89.6	-65.3	16.1	30.1	10.2
14126	ok	0.0	0.6	1.53e-02	9.1	9.1	9.1	9.1	16.7	-14.1	-12.3	19.0	38.1	13.8
14127	ok	0.0	0.4	1.70e-02	9.1	9.1	9.1	9.1	38.0	-57.0	11.8	18.8	26.2	10.0
14128	ok	0.0	0.4	1.79e-02	9.1	9.1	9.1	9.1	39.9	-54.8	0.2	23.7	26.1	9.4
14129	ok	0.0	0.6	1.62e-02	9.1	9.1	9.1	9.1	20.1	-1.0	-10.9	25.5	27.8	23.2
14130	ok	0.0	1.0	1.23e-02	9.1	13.5	9.1	14.5	21.2	-9.9	-15.1	94.2	106.8	32.7
14131	ok	0.0	0.6	1.10e-02	9.1	9.1	9.1	9.1	23.3	-11.4	-5.5	5.0	50.1	20.3
14132	ok	0.0	0.6	1.43e-02	9.1	9.1	9.1	9.1	19.5	-8.9	-5.8	43.1	18.2	16.5
14133	ok	0.0	0.4	1.71e-02	9.1	9.1	9.1	9.1	43.3	-27.7	10.6	17.4	30.5	6.2
14134	ok	0.0	0.3	1.45e-02	9.1	9.1	9.1	9.1	48.6	-43.5	-57.3	7.7	22.7	9.8
14135	ok	0.0	1.0	3.94e-02	9.1	9.1	9.1	17.0	12.6	-40.1	27.3	32.1	137.9	8.3
14136	ok	0.0	0.6	2.08e-02	9.1	9.1	9.1	9.1	-30.1	90.5	-67.8	16.1	41.0	1.9
14137	ok	0.0	1.0	2.97e-02	9.1	10.2	9.1	11.4	83.4	71.0	-123.0	22.8	97.7	1.0
14138	ok	0.0	1.0	3.26e-02	9.1	10.6	9.1	12.9	50.4	103.9	-130.6	25.0	107.2	1.2
14139	ok	0.0	0.9	3.91e-02	9.1	9.1	9.1	12.6	22.5	-42.5	13.7	32.8	92.7	11.1
14140	ok	0.0	0.8	2.93e-02	9.1	9.1	9.1	9.1	-25.4	118.4	-91.7	22.8	58.7	4.5
14141	ok	0.0	0.6	2.08e-02	9.1	9.1	9.1	9.1	-33.2	74.6	-68.4	16.4	43.7	4.2
14142	ok	0.0	0.6	2.02e-02	9.1	9.1	9.1	9.1	-19.7	58.8	-83.1	14.3	44.8	5.3
14143	ok	0.0	1.0	3.03e-02	9.1	9.1	9.1	10.9	-33.3	83.5	-133.0	25.2	88.1	6.7
14144	ok	0.0	1.0	2.55e-02	9.1	9.1	9.1	9.4	2.4	54.7	-132.5	20.0	81.0	3.6
14145	ok	0.0	0.8	2.62e-02	9.1	9.1	9.1	9.1	-33.7	81.2	-92.5	22.2	63.0	6.1
14146	ok	0.0	0.8	2.24e-02	9.1	9.1	9.1	9.1	-1.4	60.6	-103.8	17.7	61.9	5.6
14147	ok	0.0	0.4	1.60e-02	9.1	9.1	9.1	9.1	38.0	-38.0	-31.5	16.2	33.5	5.2
14148	ok	0.0	0.4	1.50e-02	9.1	9.1	9.1	9.1	44.6	-31.0	-83.0	4.4	30.8	6.5
14149	ok	0.0	0.4	1.36e-02	9.1	9.1	9.1	9.1	1.0	11.8	18.4	-13.8	-20.5	8.9
14150	ok	0.0	0.3	1.43e-02	9.1	9.1	9.1	9.1	55.5	-54.9	-68.6	10.0	24.8	9.3
14151	ok	0.0	0.4	1.61e-02	9.1	9.1	9.1	9.1	34.8	-27.2	-35.9	12.2	31.1	3.9
14152	ok	0.0	0.4	1.56e-02	9.1	9.1	9.1	9.1	52.3	-42.1	-80.5	5.9	31.2	6.9
14153	ok	0.0	0.4	1.43e-02	9.1	9.1	9.1	9.1	1.5	13.3	20.7	-12.6	-18.1	10.3
14154	ok	0.0	0.3	1.38e-02	9.1	9.1	9.1	9.1	-1.2	16.0	17.7	-13.5	-16.9	9.0
14155	ok	0.0	0.3	1.37e-02	9.1	9.1	9.1	9.1	0.7	20.0	17.8	-10.9	-11.5	9.3
14156	ok	0.0	0.4	1.47e-02	9.1	9.1	9.1	9.1	3.9	18.2	20.8	-11.5	-15.3	11.4
14157	ok	0.0	0.4	1.49e-02	9.1	9.1	9.1	9.1	54.8	-49.3	-68.6	6.3	24.4	7.7
14158	ok	0.0	0.4	1.33e-02	9.1	9.1	9.1	9.1	2.4	8.3	19.6	-13.4	-22.9	8.4
14159	ok	0.0	0.4	5.39e-03	9.1	9.1	9.1	9.1	-18.1	-7.2	6.4	-30.4	-15.7	9.4
14160	ok	0.0	0.3	5.66e-03	9.1	9.1	9.1	9.1	-18.0	-8.8	5.1	-29.2	-17.8	2.4
14161	ok	0.0	0.2	6.67e-03	9.1	9.1	9.1	9.1	-10.4	4.9	21.4	2.5	-12.4	4.8
14162	ok	0.0	0.3	1.43e-02	9.1	9.1	9.1	9.1	31.9	-21.0	-86.2	4.7	30.4	6.2
14163	ok	0.0	0.4	1.69e-02	9.1	9.1	9.1	9.1	1.1	42.6	-79.0	8.4	32.3	5.1
14164	ok	0.0	0.4	1.48e-02	9.1	9.1	9.1	9.1	22.0	-30.2	52.9	-15.2	-25.8	2.16e-02
14165	ok	0.0	0.4	1.39e-02	9.1	9.1	9.1	9.1	2.8	9.3	21.5	-11.9	-19.7	9.1
14166	ok	0.0	0.3	1.37e-02	9.1	9.1	9.1	9.1	26.5	-9.8	-87.2	4.7	30.4	5.5
14167	ok	0.0	0.4	1.38e-02	9.1	9.1	9.1	9.1	7.3	-1.1	-87.5	5.2	30.8	6.9
14168	ok	0.0	0.4	1.49e-02	9.1	9.1	9.1	9.1	6.8	17.2	-86.8	6.0	31.3	6.2
14169	ok	0.0	0.4	1.58e-02	9.1	9.1	9.1	9.1	4.6	29.8	-84.2	7.0	31.9	5.6
14170	ok	0.0	0.3	1.58e-02	9.1	9.1	9.1	9.1	21.6	-29.8	52.2	-12.7	-19.3	-0.5
14171	ok	0.0	1.0	1.52e-02	9.1	9.1	9.1	10.9	-1.6	41.6	-53.7	47.6	89.0	-9.6
14172	ok	0.0	0.4	9.80e-03	9.1	9.1	9.1	9.1	13.3	-48.3	-30.3	26.3	24.7	-9.5
14173	ok	0.0	0.9	5.10e-02	9.1	9.1	9.1	18.9	15.6	-96.1	3.9	33.0	123.7	27.5
14174	ok	0.0	0.9	3.60e-02	9.1	9.1	9.1	9.8	25.4	10.9	-5.1	7.0	39.9	13.7
14175	ok	0.0	0.8	2.06e-02	9.1	9.1	9.1	9.1	22.9	8.8	0.3	12.8	38.6	11.7
14176	ok	0.0	1.0	1.93e-02	9.1	9.1	9.1	9.3	16.6	55.9	11.0	48.8	39.8	10.8
14177	ok	0.0	1.0	3.78e-02	9.1	15.1	9.1	20.1	30.6	24.4	-153.2	99.8	168.8	-7.8
14178	ok	0.0	1.0	1.29e-02	9.1	9.6	9.1	9.6	17.4	-26.2	-74.5	55.3	74.4	-19.3
14179	ok	0.0	0.6	1.15e-02	9.1	9.1	9.1	9.1	18.3	-55.9	-36.1	38.6	40.8	-11.0
14180	ok	0.0	0.4	1.03e-02	9.1	9.1	9.1	9.1	14.6	-55.9	-20.5	30.6	24.4	-4.1
14181	ok	0.0	0.4	1.02e-02	9.1	9.1	9.1	9.1	13.4	-19.3	-2.1	25.7	28.1	1.6
14182	ok	0.0	0.5	1.00e-02	9.1	9.1	9.1	9.1	10.2	-9.6	5.1	16.8	33.7	4.4
14183	ok	0.0	0.5	1.17e-02	9.1	9.1	9.1	9.1	9.4	-9.9	-4.1	12.7	36.5	2.2
14184	ok	0.0	0.6	1.83e-02	9.1	9.1	9.1	9.1	-41.0	90.1	-49.5	14.7	39.6	0.4
14185	ok	0.0	0.9	2.07e-02	9.1	9.1	9.1	9.1	25.6	-133.8	-39.4	65.7	63.1	-10.6
14186	ok	0.0	0.8	1.23e-02	9.1	9.1	9.1	9.1	11.7	-17.2	42.3	52.2	48.0	12.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14187	ok	0.0	0.7	1.25e-02	9.1	9.1	9.1	9.1	8.6	3.9	14.0	18.7	43.7	12.2
14188	ok	0.0	0.7	1.69e-02	9.1	9.1	9.1	9.1	6.8	2.0	-8.3	6.3	48.7	10.2
14189	ok	0.0	0.9	4.88e-02	9.1	9.1	9.1	12.4	18.5	-59.9	9.0	29.7	79.0	6.2
14190	ok	0.0	0.5	1.36e-02	9.1	9.1	9.1	9.1	17.8	-77.5	-27.5	41.0	31.5	-3.8
14191	ok	0.0	0.6	1.11e-02	9.1	9.1	9.1	9.1	15.6	-22.8	12.9	35.6	39.5	6.7
14192	ok	0.0	0.6	1.09e-02	9.1	9.1	9.1	9.1	9.1	-2.6	14.5	18.8	40.6	9.3
14193	ok	0.0	0.7	1.29e-02	9.1	9.1	9.1	9.1	-56.3	83.6	-22.5	11.3	46.3	3.6
14194	ok	0.0	0.8	2.64e-02	9.1	9.1	9.1	9.1	-41.7	126.5	-66.3	20.3	54.4	2.5
14195	ok	0.0	0.7	1.21e-02	9.1	9.1	9.1	9.1	-6.1	-4.5	-39.1	18.1	60.4	-2.0
14196	ok	0.0	0.4	8.76e-03	9.1	9.1	9.1	9.1	13.4	-15.6	-32.0	21.4	27.0	-10.8
14197	ok	0.0	0.7	1.03e-02	9.1	9.1	9.1	9.1	-2.0	-10.5	-45.6	26.9	55.4	-11.0
14198	ok	0.0	0.6	9.64e-03	9.1	9.1	9.1	9.1	12.8	-13.6	-41.4	27.3	40.9	-13.6
14199	ok	0.0	0.4	1.40e-02	9.1	9.1	9.1	9.1	17.5	-21.9	57.6	-14.7	-26.7	1.2
14200	ok	0.0	0.4	1.32e-02	9.1	9.1	9.1	9.1	7.8	-13.5	60.5	-14.0	-27.2	2.2
14201	ok	0.0	0.4	1.22e-02	9.1	9.1	9.1	9.1	-0.8	3.6	62.2	-13.2	-27.2	5.2
14202	ok	0.0	0.4	1.22e-02	9.1	9.1	9.1	9.1	-4.5	5.3	61.0	-13.2	-26.7	5.7
14203	ok	0.0	0.3	1.48e-02	9.1	9.1	9.1	9.1	9.6	-22.0	56.7	-12.2	-20.2	0.9
14204	ok	0.0	0.3	1.41e-02	9.1	9.1	9.1	9.1	9.0	-13.9	59.5	-11.7	-20.7	2.0
14205	ok	0.0	0.3	1.30e-02	9.1	9.1	9.1	9.1	-3.8	3.2	66.1	-11.3	-23.3	5.2
14206	ok	0.0	0.4	1.34e-02	9.1	9.1	9.1	9.1	-7.1	7.7	64.8	-11.5	-23.2	6.0
14207	ok	0.0	0.5	1.67e-02	9.1	9.1	9.1	9.1	-22.6	73.0	-56.1	10.5	30.1	0.8
14208	ok	0.0	0.5	1.75e-02	9.1	9.1	9.1	9.1	-23.8	65.5	-56.9	10.7	31.2	2.7
14209	ok	0.0	0.5	1.82e-02	9.1	9.1	9.1	9.1	-16.1	54.9	-70.1	9.8	32.2	4.2
14210	ok	0.0	0.3	1.22e-02	9.1	9.1	9.1	9.1	-3.9	15.2	-4.5	-14.9	-20.2	-4.3
14211	ok	0.0	0.3	1.41e-02	9.1	9.1	9.1	9.1	-3.7	15.1	-4.2	-12.3	-14.9	-5.5
14212	ok	0.0	0.3	1.31e-02	9.1	9.1	9.1	9.1	29.7	-43.1	38.0	-15.4	-22.5	-2.9
14213	ok	0.0	0.3	1.36e-02	9.1	9.1	9.1	9.1	26.3	-37.6	46.3	-15.5	-24.4	-1.3
14214	ok	0.0	0.3	1.51e-02	9.1	9.1	9.1	9.1	32.5	-42.0	37.6	-12.8	-16.7	-3.7
14215	ok	0.0	0.3	1.53e-02	9.1	9.1	9.1	9.1	27.5	-36.8	45.8	-12.9	-18.2	-2.0
14216	ok	0.0	0.4	8.56e-03	9.1	9.1	9.1	9.1	12.2	-40.2	-26.1	23.4	19.0	-7.4
14217	ok	0.0	0.7	7.60e-03	9.1	9.1	9.1	9.1	6.8	1.8	3.5	8.8	53.4	-15.5
14218	ok	0.0	0.4	1.48e-02	9.1	9.1	9.1	9.1	9.8	-13.5	-4.1	10.0	29.5	-0.2
14219	ok	0.0	0.2	6.70e-03	9.1	9.1	9.1	9.1	-9.2	4.0	9.6	4.9	-13.0	3.5
14220	ok	0.0	0.1	6.49e-03	9.1	9.1	9.1	9.1	-8.7	-1.3	-0.6	13.1	-6.1	0.3
14221	ok	0.0	0.2	6.30e-03	9.1	9.1	9.1	9.1	-9.7	-2.2	-0.9	16.0	-4.6	-6.8
14222	ok	0.0	0.2	6.69e-03	9.1	9.1	9.1	9.1	-12.2	-2.8	-1.9	1.6	0.5	-18.6
14223	ok	0.0	0.2	6.57e-03	9.1	9.1	9.1	9.1	-10.6	-2.7	-1.5	11.1	-2.1	-14.5
14224	ok	0.0	0.2	6.50e-03	9.1	9.1	9.1	9.1	-13.8	-1.7	-1.8	-10.9	5.3	-19.1
14225	ok	0.0	0.4	1.08e-02	9.1	9.1	9.1	9.1	10.0	-8.9	-1.7	10.8	27.8	-1.1
14226	ok	0.0	0.4	1.00e-02	9.1	9.1	9.1	9.1	9.8	-13.1	5.2	14.4	27.5	0.2
14227	ok	0.0	0.3	9.34e-03	9.1	9.1	9.1	9.1	8.4	1.6	3.1	20.8	12.6	-11.9
14228	ok	0.0	0.4	8.92e-03	9.1	9.1	9.1	9.1	11.7	-16.1	-18.5	26.2	19.5	-5.6
14229	ok	0.0	0.3	8.12e-03	9.1	9.1	9.1	9.1	11.2	-5.1	-19.9	22.1	22.2	-2.2
14230	ok	0.0	1.0	6.74e-03	9.1	11.6	9.1	15.7	5.2	-8.2	-10.9	90.8	124.1	16.1
14231	ok	0.0	0.6	6.44e-03	9.1	9.1	9.1	9.1	3.4	-6.6	2.8	20.0	34.2	-12.1
14232	ok	0.0	0.3	8.95e-03	9.1	9.1	9.1	9.1	32.7	-30.7	8.5	7.6	17.6	-6.7
14233	ok	0.0	0.2	8.85e-03	9.1	9.1	9.1	9.1	-5.3	13.2	-1.1	-10.7	-11.7	-6.5
14234	ok	0.0	0.3	1.10e-02	9.1	9.1	9.1	9.1	-5.0	14.6	-2.5	-14.2	-18.1	-5.0
14235	ok	0.0	0.5	7.34e-03	9.1	9.1	9.1	9.1	18.9	-34.6	-0.9	33.5	35.0	1.2
14236	ok	0.0	0.5	9.28e-03	9.1	9.1	9.1	9.1	8.8	3.1	3.4	20.9	16.8	-25.0
14237	ok	0.0	0.3	8.96e-03	9.1	9.1	9.1	9.1	10.8	-8.8	1.2	13.3	19.5	-3.3
14238	ok	0.0	0.3	8.58e-03	9.1	9.1	9.1	9.1	17.8	7.3	-11.8	-7.3	-12.0	12.5
14240	ok	0.0	0.3	8.25e-03	9.1	9.1	9.1	9.1	38.9	-9.1	29.3	7.9	-15.1	5.2
14241	ok	0.0	0.3	8.22e-03	9.1	9.1	9.1	9.1	27.5	-1.1	30.2	20.9	-10.7	-3.7
14242	ok	0.0	0.4	8.15e-03	9.1	9.1	9.1	9.1	-14.9	3.7	19.9	24.0	-3.7	-14.7
14244	ok	0.0	0.3	1.05e-02	9.1	9.1	9.1	9.1	19.3	11.3	-14.4	-7.3	-11.2	12.6
14245	ok	0.0	0.3	1.08e-02	9.1	9.1	9.1	9.1	25.7	-1.0	-1.8	-5.4	-3.9	12.0
14246	ok	0.0	0.3	1.01e-02	9.1	9.1	9.1	9.1	18.3	4.1	-8.9	-8.9	-7.9	10.8
14247	ok	0.0	0.3	1.03e-02	9.1	9.1	9.1	9.1	18.4	8.1	-12.5	-7.8	-10.1	11.7
14249	ok	0.0	0.3	7.45e-03	9.1	9.1	9.1	9.1	29.7	-14.2	35.3	8.1	-15.8	9.8
14250	ok	0.0	0.6	7.17e-03	9.1	9.1	9.1	9.1	31.4	1.9	9.2	44.2	-9.2	-6.2
14251	ok	0.0	0.4	7.16e-03	9.1	9.1	9.1	9.1	26.9	-0.6	27.5	28.0	-14.3	-0.2
14252	ok	0.0	0.3	6.53e-03	9.1	9.1	9.1	9.1	23.9	-7.1	36.1	17.0	-15.0	2.6
14253	ok	0.0	0.2	7.93e-03	9.1	9.1	9.1	9.1	11.0	-10.4	1.5	-4.9	-4.3	9.6
14254	ok	0.0	0.2	8.21e-03	9.1	9.1	9.1	9.1	15.4	12.3	-13.7	-6.2	-7.8	11.2
14255	ok	0.0	0.3	8.49e-03	9.1	9.1	9.1	9.1	16.6	11.6	-14.0	-6.6	-10.2	12.4
14256	ok	0.0	0.3	8.66e-03	9.1	9.1	9.1	9.1	17.3	9.7	-13.2	-7.1	-11.6	12.8
14257	ok	0.0	0.2	9.37e-03	9.1	9.1	9.1	9.1	25.2	0.8	-5.8	-0.4	-8.7	10.5
14258	ok	0.0	0.3	1.04e-02	9.1	9.1	9.1	9.1	19.1	14.3	-15.6	-6.5	-11.4	12.9
14259	ok	0.0	0.3	1.01e-02	9.1	9.1	9.1	9.1	27.2	1.5	-3.3	-3.7	-13.7	12.5
14260	ok	0.0	0.3	9.77e-03	9.1	9.1	9.1	9.1	26.1	2.1	-2.3	-3.1	-12.0	11.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14261	ok	0.0	0.2	5.76e-03	9.1	9.1	9.1	9.1	15.9	-11.0	11.3	-2.8	21.7	2.4
14262	ok	0.0	0.2	7.21e-03	9.1	9.1	9.1	9.1	15.6	-11.6	12.9	-3.9	13.7	5.1
14263	ok	0.0	0.1	7.58e-03	9.1	9.1	9.1	9.1	-2.3	8.0	-1.6	-5.8	8.0	5.9
14264	ok	0.0	0.3	6.69e-03	9.1	9.1	9.1	9.1	17.5	-13.5	10.7	7.6	19.4	3.2
14265	ok	0.0	0.2	8.88e-03	9.1	9.1	9.1	9.1	1.0	-21.1	26.1	-2.8	9.2	3.7
14266	ok	0.0	0.2	8.46e-03	9.1	9.1	9.1	9.1	-6.3	19.9	-6.8	2.1	11.4	6.2
14267	ok	0.0	0.3	5.05e-03	9.1	9.1	9.1	9.1	19.1	-10.8	11.1	-3.2	31.4	1.3
14268	ok	0.0	0.3	6.42e-03	9.1	9.1	9.1	9.1	25.7	-10.8	10.0	14.9	29.3	-0.7
14269	ok	0.0	0.4	5.32e-03	9.1	9.1	9.1	9.1	16.7	-8.1	7.8	-3.6	37.6	5.0
14270	ok	0.0	0.4	5.66e-03	9.1	9.1	9.1	9.1	17.3	-14.3	11.5	-2.5	38.0	1.8
14271	ok	0.0	0.6	5.62e-03	9.1	9.1	9.1	9.1	14.1	-11.7	6.4	15.7	54.8	7.0
14272	ok	0.0	0.6	6.64e-03	9.1	9.1	9.1	9.1	15.5	-4.8	10.1	18.7	52.8	-6.7
14273	ok	0.0	0.7	3.84e-03	9.1	9.1	9.1	9.1	3.5	-9.3	10.2	63.5	8.8	3.1
14274	ok	0.0	0.3	3.14e-03	9.1	9.1	9.1	9.1	10.2	-2.0	12.5	11.3	-22.6	0.7
14275	ok	0.0	0.4	5.40e-03	9.1	9.1	9.1	9.1	18.6	-8.4	31.3	13.5	-19.9	15.9
14276	ok	0.0	0.3	5.58e-03	9.1	9.1	9.1	9.1	17.4	-16.5	29.2	8.5	5.3	12.1
14277	ok	0.0	0.5	3.68e-03	9.1	9.1	9.1	9.1	8.0	-5.3	10.5	43.4	-6.8	4.6
14278	ok	0.0	0.3	3.41e-03	9.1	9.1	9.1	9.1	7.7	-4.3	10.8	27.8	-14.9	2.4
14279	ok	0.0	0.3	3.28e-03	9.1	9.1	9.1	9.1	8.9	-3.4	11.7	18.6	-20.5	1.5
14280	ok	0.0	0.3	3.58e-03	9.1	9.1	9.1	9.1	10.6	-1.8	13.1	9.7	-21.7	6.9
14281	ok	0.0	0.3	4.18e-03	9.1	9.1	9.1	9.1	16.2	-2.1	12.2	15.3	-17.3	14.1
14282	ok	0.0	0.3	4.53e-03	9.1	9.1	9.1	9.1	20.6	-2.9	1.7	14.5	-17.4	16.7
14283	ok	0.0	0.4	4.64e-03	9.1	9.1	9.1	9.1	22.1	-2.6	22.6	14.5	-18.5	17.3
14284	ok	0.0	0.3	5.25e-03	9.1	9.1	9.1	9.1	18.6	-8.0	30.9	12.2	-16.9	14.7
14285	ok	0.0	0.3	5.10e-03	9.1	9.1	9.1	9.1	20.2	-7.6	31.9	12.9	-9.9	14.5
14286	ok	0.0	0.3	5.01e-03	9.1	9.1	9.1	9.1	17.3	-9.5	29.6	9.4	-3.9	13.1
14287	ok	0.0	0.4	4.38e-03	9.1	9.1	9.1	9.1	17.6	-9.5	28.0	16.4	6.9	16.6
14288	ok	0.0	0.4	4.38e-03	9.1	9.1	9.1	9.1	5.8	-9.1	14.3	15.7	12.3	23.7
14289	ok	0.0	0.6	3.89e-03	9.1	9.1	9.1	9.1	4.9	-8.4	12.4	41.7	11.6	21.8
14290	ok	0.0	0.7	3.85e-03	9.1	9.1	9.1	9.1	4.8	-8.6	11.9	50.9	9.9	17.1
14291	ok	0.0	0.3	4.96e-03	9.1	9.1	9.1	9.1	17.7	-6.7	30.5	14.2	-15.6	17.0
14292	ok	0.0	0.3	4.34e-03	9.1	9.1	9.1	9.1	25.1	-7.0	19.4	13.8	-16.4	18.3
14293	ok	0.0	0.3	4.34e-03	9.1	9.1	9.1	9.1	8.6	-4.8	14.9	11.6	-23.3	14.9
14294	ok	0.0	0.3	3.96e-03	9.1	9.1	9.1	9.1	10.9	-2.0	13.3	19.1	-20.6	8.7
14295	ok	0.0	0.3	4.96e-03	9.1	9.1	9.1	9.1	18.1	-10.0	31.7	13.7	-11.6	16.5
14296	ok	0.0	0.4	4.43e-03	9.1	9.1	9.1	9.1	9.2	-4.3	14.9	15.6	-14.5	19.1
14297	ok	0.0	0.4	4.40e-03	9.1	9.1	9.1	9.1	9.2	-4.8	14.9	19.5	-15.6	16.9
14298	ok	0.0	0.4	3.98e-03	9.1	9.1	9.1	9.1	7.6	-5.0	12.8	24.9	-17.3	10.9
14299	ok	0.0	0.3	4.47e-03	9.1	9.1	9.1	9.1	15.5	-10.6	28.8	14.1	-2.7	16.7
14300	ok	0.0	0.4	4.41e-03	9.1	9.1	9.1	9.1	9.3	-5.8	15.1	14.7	-4.4	21.9
14301	ok	0.0	0.4	4.10e-03	9.1	9.1	9.1	9.1	8.3	-5.4	13.5	25.4	-5.0	19.5
14302	ok	0.0	0.5	4.02e-03	9.1	9.1	9.1	9.1	7.2	-6.7	12.7	38.7	-6.3	12.3
14305	ok	0.0	0.2	2.99e-03	9.1	9.1	9.1	9.1	17.1	-3.5	4.9	7.9	-15.5	5.2
14306	ok	0.0	0.2	2.64e-03	9.1	9.1	9.1	9.1	-3.7	-2.8	13.1	-8.1	-13.5	-4.9
14307	ok	0.0	0.2	2.26e-03	9.1	9.1	9.1	9.1	-2.6	-2.1	11.8	-12.8	-8.3	-6.2
14312	ok	0.0	0.6	5.65e-03	9.1	9.1	9.1	9.1	24.8	0.8	10.0	37.9	-14.7	25.5
14313	ok	0.0	0.4	5.05e-03	9.1	9.1	9.1	9.1	25.8	-2.7	27.3	25.6	-14.2	19.5
14314	ok	0.0	0.4	5.25e-03	9.1	9.1	9.1	9.1	26.7	-3.2	24.5	19.4	-18.1	17.0
14315	ok	0.0	0.4	4.46e-03	9.1	9.1	9.1	9.1	28.1	0.8	3.3	14.5	-7.1	21.9
14316	ok	0.0	0.3	3.34e-03	9.1	9.1	9.1	9.1	28.9	1.5	8.9	8.2	-6.9	18.1
14317	ok	0.0	0.2	2.99e-03	9.1	9.1	9.1	9.1	7.8	-0.4	12.0	-8.3	-10.3	10.6
14318	ok	0.0	0.2	2.59e-03	9.1	9.1	9.1	9.1	-4.5	-1.9	12.6	-14.8	-8.1	-2.0
14319	ok	0.0	0.3	4.48e-03	9.1	9.1	9.1	9.1	26.6	0.2	4.6	15.6	-11.9	20.5
14320	ok	0.0	0.3	3.28e-03	9.1	9.1	9.1	9.1	25.9	1.3	10.0	11.9	-12.3	17.1
14321	ok	0.0	0.2	3.26e-03	9.1	9.1	9.1	9.1	25.7	0.7	7.4	9.7	-11.6	14.1
14322	ok	0.0	0.2	3.00e-03	9.1	9.1	9.1	9.1	23.8	1.1	5.8	8.0	-11.2	10.1
14323	ok	0.0	0.4	4.20e-03	9.1	9.1	9.1	9.1	21.4	9.85e-03	26.8	16.8	-17.2	18.3
14324	ok	0.0	0.4	4.35e-03	9.1	9.1	9.1	9.1	21.8	-1.7	10.3	12.4	-17.1	17.3
14325	ok	0.0	0.3	3.25e-03	9.1	9.1	9.1	9.1	20.7	0.3	12.0	13.8	-14.8	13.3
14326	ok	0.0	0.2	3.25e-03	9.1	9.1	9.1	9.1	17.1	0.8	6.0	11.2	-12.9	8.8
14328	ok	0.0	0.4	4.24e-03	9.1	9.1	9.1	9.1	12.5	-8.7	11.6	-5.9	31.7	6.9
14330	ok	0.0	0.9	3.48e-03	9.1	9.3	9.1	9.1	4.1	-11.1	8.9	84.0	29.4	6.6
14331	ok	0.0	0.3	5.43e-03	9.1	9.1	9.1	9.1	10.2	-7.6	13.8	-2.7	16.4	14.1
14332	ok	0.0	0.3	5.24e-03	9.1	9.1	9.1	9.1	11.4	-8.2	12.6	-4.5	25.3	10.9
14333	ok	0.0	0.5	3.83e-03	9.1	9.1	9.1	9.1	11.7	-8.1	11.3	2.1	40.4	9.1
14334	ok	0.0	0.7	3.51e-03	9.1	9.1	9.1	9.1	11.2	-10.5	11.0	16.2	62.5	12.5
14335	ok	0.0	0.9	2.93e-03	9.1	9.1	9.1	10.3	11.9	-11.1	11.4	39.4	82.5	18.7
14337	ok	0.0	0.4	4.48e-03	9.1	9.1	9.1	9.1	8.9	-7.0	12.9	5.0	21.3	17.6
14338	ok	0.0	0.6	4.12e-03	9.1	9.1	9.1	9.1	7.7	-9.1	12.8	17.4	30.6	23.1
14339	ok	0.0	0.7	3.97e-03	9.1	9.1	9.1	9.1	6.7	-9.5	12.5	39.4	32.6	26.4
14340	ok	0.0	0.9	3.67e-03	9.1	9.1	9.1	9.1	5.4	-10.6	10.8	64.7	31.2	21.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14341	ok	0.0	0.4	4.24e-03	9.1	9.1	9.1	9.1	10.3	-7.7	12.0	3.5	32.5	14.3
14342	ok	0.0	0.7	3.97e-03	9.1	9.1	9.1	9.1	9.4	-9.5	11.8	17.2	49.3	20.4
14343	ok	0.0	0.9	3.89e-03	9.1	9.1	9.1	9.1	8.2	-9.4	11.0	40.5	59.5	26.1
14345	ok	0.0	0.2	6.50e-03	9.1	9.1	9.1	9.1	9.6	-9.3	15.9	-5.2	3.5	12.3
14346	ok	0.0	0.3	4.94e-03	9.1	9.1	9.1	9.1	14.1	-9.6	12.0	-8.6	25.1	4.4
14347	ok	0.0	0.2	6.26e-03	9.1	9.1	9.1	9.1	12.3	-9.3	14.5	-6.7	10.8	10.1
14348	ok	0.0	0.2	6.04e-03	9.1	9.1	9.1	9.1	13.2	-9.5	13.1	-7.7	18.6	7.2
14349	ok	0.0	0.2	7.14e-03	9.1	9.1	9.1	9.1	13.1	8.5	-13.5	-6.4	-2.2	10.0
14350	ok	0.0	0.3	5.32e-03	9.1	9.1	9.1	9.1	15.0	-9.9	12.0	-6.6	23.1	3.2
14351	ok	0.0	0.2	6.91e-03	9.1	9.1	9.1	9.1	13.6	-10.5	14.7	-6.3	8.3	8.5
14352	ok	0.0	0.2	6.59e-03	9.1	9.1	9.1	9.1	14.3	-10.5	13.1	-6.5	15.9	5.7
14353	ok	0.0	0.3	6.00e-03	9.1	9.1	9.1	9.1	23.6	-4.5	34.0	16.0	-17.0	10.7
14354	ok	0.0	0.3	6.75e-03	9.1	9.1	9.1	9.1	26.2	-14.4	31.0	7.8	-14.3	12.1
14355	ok	0.0	0.3	6.81e-03	9.1	9.1	9.1	9.1	24.0	-14.9	30.8	5.5	-11.5	12.2
14356	ok	0.0	0.2	6.70e-03	9.1	9.1	9.1	9.1	13.2	7.1	-12.8	-6.2	-5.1	12.2
14358	ok	0.0	0.6	6.08e-03	9.1	9.1	9.1	9.1	29.5	-1.5	18.1	48.9	-13.0	10.4
14359	ok	0.0	0.5	6.52e-03	9.1	9.1	9.1	9.1	28.6	-2.3	19.4	38.2	-16.1	10.6
14360	ok	0.0	0.3	5.94e-03	9.1	9.1	9.1	9.1	25.8	-2.9	25.3	18.7	-21.3	9.7
14361	ok	0.0	0.3	7.63e-03	9.1	9.1	9.1	9.1	16.5	7.4	-14.0	-6.1	-11.5	13.3
14362	ok	0.0	0.3	7.60e-03	9.1	9.1	9.1	9.1	15.6	8.6	-11.5	-7.2	-9.6	12.5
14363	ok	0.0	0.2	7.41e-03	9.1	9.1	9.1	9.1	14.5	9.8	-12.3	-6.9	-6.7	11.4
14364	ok	0.0	0.4	1.84e-03	9.1	9.1	9.1	9.1	0.5	-3.30e-03	-3.75e-02	-35.3	-5.4	12.2
14365	ok	0.0	0.3	2.57e-03	9.1	9.1	9.1	9.1	-0.8	-4.3	5.6	17.3	-21.7	12.8
14366	ok	0.0	0.2	2.43e-03	9.1	9.1	9.1	9.1	-1.6	0.9	-9.5	3.0	-15.1	-2.8
14367	ok	0.0	0.2	4.51e-03	9.1	9.1	9.1	9.1	-0.2	-0.7	-0.5	1.7	-2.1	-11.4
14368	ok	0.0	0.4	2.13e-03	9.1	9.1	9.1	9.1	-1.8	-0.2	0.5	-31.0	-13.1	10.7
14369	ok	0.0	0.3	2.14e-03	9.1	9.1	9.1	9.1	-2.7	-0.6	1.3	-22.5	-18.4	10.3
14370	ok	0.0	0.4	2.18e-03	9.1	9.1	9.1	9.1	-3.3	-1.3	2.2	-17.9	-23.0	11.3
14371	ok	0.0	0.4	2.10e-03	9.1	9.1	9.1	9.1	-3.3	-2.0	2.9	-12.7	-26.6	12.2
14372	ok	0.0	0.4	2.18e-03	9.1	9.1	9.1	9.1	-3.0	-2.8	3.6	-6.8	-28.8	12.9
14373	ok	0.0	0.4	2.29e-03	9.1	9.1	9.1	9.1	-2.4	-3.5	4.3	-9.91e-02	-29.0	13.2
14374	ok	0.0	0.3	2.40e-03	9.1	9.1	9.1	9.1	-1.7	-4.0	4.9	7.7	-27.0	13.2
14375	ok	0.0	0.2	2.48e-03	9.1	9.1	9.1	9.1	-2.27e-02	-3.3	5.3	15.3	-20.7	5.3
14376	ok	0.0	0.2	2.45e-03	9.1	9.1	9.1	9.1	1.1	-2.8	5.1	11.3	-19.0	-0.3
14377	ok	0.0	0.2	2.42e-03	9.1	9.1	9.1	9.1	2.3	-2.8	4.8	6.6	-17.4	-3.3
14378	ok	0.0	0.2	2.42e-03	9.1	9.1	9.1	9.1	3.5	-3.2	4.4	2.8	-16.3	-3.9
14379	ok	0.0	0.3	2.21e-03	9.1	9.1	9.1	9.1	3.3	-3.4	3.0	1.3	-23.5	-2.5
14380	ok	0.0	0.3	2.06e-03	9.1	9.1	9.1	9.1	2.2	-3.1	2.0	1.7	-28.3	-3.1
14381	ok	0.0	0.3	2.30e-03	9.1	9.1	9.1	9.1	1.2	-2.8	1.1	2.2	-30.0	-4.2
14382	ok	0.0	0.3	2.58e-03	9.1	9.1	9.1	9.1	0.5	-2.5	0.3	2.7	-28.5	-5.9
14383	ok	0.0	0.3	2.87e-03	9.1	9.1	9.1	9.1	-0.2	-2.2	-0.4	3.2	-23.7	-7.9
14384	ok	0.0	0.2	3.32e-03	9.1	9.1	9.1	9.1	-0.4	-1.9	-0.8	2.6	-16.2	-8.9
14385	ok	0.0	0.1	4.08e-03	9.1	9.1	9.1	9.1	-0.8	-1.5	-1.2	2.0	-7.6	-9.3
14386	ok	0.0	0.2	3.77e-03	9.1	9.1	9.1	9.1	3.1	-0.2	-7.61e-03	-13.3	-3.8	-8.3
14387	ok	0.0	0.3	3.14e-03	9.1	9.1	9.1	9.1	0.8	-3.24e-02	-8.52e-02	-23.2	-5.0	-4.4
14388	ok	0.0	0.3	2.64e-03	9.1	9.1	9.1	9.1	2.8	-4.86e-03	0.2	-30.1	-5.5	1.0
14389	ok	0.0	0.4	2.19e-03	9.1	9.1	9.1	9.1	2.4	1.38e-03	0.2	-33.9	-5.6	6.7
14390	ok	0.0	0.3	2.19e-03	9.1	9.1	9.1	9.1	2.2	-2.8	3.4	1.5	-23.6	-3.1
14391	ok	0.0	0.3	2.22e-03	9.1	9.1	9.1	9.1	1.1	-2.5	3.7	3.0	-24.2	-1.9
14392	ok	0.0	0.3	2.26e-03	9.1	9.1	9.1	9.1	2.46e-02	-2.5	4.1	5.2	-25.2	1.4
14393	ok	0.0	0.3	2.32e-03	9.1	9.1	9.1	9.1	-0.9	-3.0	4.4	7.1	-26.3	6.7
14394	ok	0.0	0.3	2.00e-03	9.1	9.1	9.1	9.1	1.1	-2.5	2.4	9.34e-03	-27.9	-3.1
14395	ok	0.0	0.3	2.00e-03	9.1	9.1	9.1	9.1	0.1	-2.2	2.8	-0.6	-28.0	-1.3
14396	ok	0.0	0.3	2.06e-03	9.1	9.1	9.1	9.1	-0.8	-2.2	3.2	-0.4	-28.5	2.2
14397	ok	0.0	0.3	2.16e-03	9.1	9.1	9.1	9.1	-1.7	-2.6	3.7	-5.41e-02	-28.9	7.3
14398	ok	0.0	0.3	2.24e-03	9.1	9.1	9.1	9.1	0.3	-2.1	1.5	-1.5	-29.3	-3.6
14399	ok	0.0	0.3	2.17e-03	9.1	9.1	9.1	9.1	-0.6	-1.7	1.9	-4.0	-29.1	-1.4
14400	ok	0.0	0.3	2.09e-03	9.1	9.1	9.1	9.1	-1.4	-1.7	2.4	-5.5	-29.2	2.4
14401	ok	0.0	0.3	2.04e-03	9.1	9.1	9.1	9.1	-2.2	-2.0	2.9	-6.3	-29.1	7.3
14402	ok	0.0	0.3	2.49e-03	9.1	9.1	9.1	9.1	-0.3	-1.7	0.7	-3.2	-27.8	-4.6
14403	ok	0.0	0.3	2.38e-03	9.1	9.1	9.1	9.1	-1.1	-1.3	1.1	-7.3	-27.6	-1.9
14404	ok	0.0	0.3	2.26e-03	9.1	9.1	9.1	9.1	-1.8	-1.2	1.6	-10.1	-27.5	2.1
14405	ok	0.0	0.3	2.20e-03	9.1	9.1	9.1	9.1	-2.6	-1.4	2.2	-11.8	-27.3	6.9
14406	ok	0.0	0.3	2.73e-03	9.1	9.1	9.1	9.1	-0.7	-1.3	5.81e-02	-5.0	-23.7	-5.7
14407	ok	0.0	0.3	2.57e-03	9.1	9.1	9.1	9.1	-1.2	-0.9	0.5	-10.6	-23.9	-2.5
14408	ok	0.0	0.3	2.41e-03	9.1	9.1	9.1	9.1	-1.8	-0.7	1.0	-14.4	-24.0	1.6
14409	ok	0.0	0.3	2.34e-03	9.1	9.1	9.1	9.1	-2.5	-0.8	1.5	-16.8	-23.8	6.3
14410	ok	0.0	0.2	3.04e-03	9.1	9.1	9.1	9.1	-0.7	-0.9	-0.3	-7.0	-17.6	-6.3
14411	ok	0.0	0.2	2.77e-03	9.1	9.1	9.1	9.1	-1.0	-0.5	8.02e-02	-13.9	-18.6	-2.9
14412	ok	0.0	0.2	2.51e-03	9.1	9.1	9.1	9.1	-1.4	-0.3	0.4	-18.5	-19.2	1.2
14413	ok	0.0	0.3	2.37e-03	9.1	9.1	9.1	9.1	-2.0	-0.4	0.8	-21.2	-19.2	5.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14414	ok	0.0	0.2	3.64e-03	9.1	9.1	9.1	9.1	1.6	-0.6	-4.69e-02	-10.9	-10.6	-6.8
14415	ok	0.0	0.2	3.18e-03	9.1	9.1	9.1	9.1	-0.5	-0.2	-0.1	-19.7	-12.6	-3.3
14416	ok	0.0	0.3	2.76e-03	9.1	9.1	9.1	9.1	1.0	-0.1	0.6	-26.0	-13.4	1.3
14417	ok	0.0	0.4	2.40e-03	9.1	9.1	9.1	9.1	0.3	-0.1	0.8	-29.5	-13.6	6.0
14418	ok	0.0	0.3	2.66e-03	9.1	9.1	9.1	9.1	-0.3	-4.7	6.0	23.7	-17.2	12.2
14419	ok	0.0	0.2	2.58e-03	9.1	9.1	9.1	9.1	-0.3	0.9	-9.4	2.9	-11.5	-2.7
14420	ok	0.0	0.3	2.60e-03	9.1	9.1	9.1	9.1	0.6	-3.3	5.9	21.6	-15.3	4.1
14421	ok	0.0	0.2	2.57e-03	9.1	9.1	9.1	9.1	1.8	-2.9	5.9	15.7	-13.1	-1.8
14422	ok	0.0	0.2	2.56e-03	9.1	9.1	9.1	9.1	3.2	-3.1	5.6	9.0	-11.3	-4.6
14423	ok	0.0	0.2	2.57e-03	9.1	9.1	9.1	9.1	-1.3	0.8	-9.0	5.1	-11.4	-3.8
14424	ok	0.0	0.4	2.82e-03	9.1	9.1	9.1	9.1	0.2	-4.4	6.5	33.5	-9.0	11.3
14425	ok	0.0	0.1	2.76e-03	9.1	9.1	9.1	9.1	1.3	0.6	-8.8	2.5	-6.2	-2.9
14426	ok	0.0	0.4	2.72e-03	9.1	9.1	9.1	9.1	1.4	-3.6	8.1	30.2	-6.3	2.4
14427	ok	0.0	0.3	2.70e-03	9.1	9.1	9.1	9.1	10.0	-9.5	12.8	22.3	4.8	-2.8
14428	ok	0.0	0.2	2.72e-03	9.1	9.1	9.1	9.1	11.3	-10.3	13.1	14.2	6.3	-4.7
14429	ok	0.0	0.1	2.74e-03	9.1	9.1	9.1	9.1	14.1	-13.1	0.7	9.1	4.4	-4.8
14430	ok	0.0	0.6	3.32e-03	9.1	9.1	9.1	9.1	1.4	-4.3	8.4	47.4	-0.3	12.7
14431	ok	0.0	0.1	2.94e-03	9.1	9.1	9.1	9.1	16.9	-16.8	0.4	3.2	9.8	-3.7
14432	ok	0.0	0.4	2.82e-03	9.1	9.1	9.1	9.1	8.9	-9.8	13.4	33.3	8.2	-0.1
14433	ok	0.0	0.3	2.81e-03	9.1	9.1	9.1	9.1	10.1	-9.7	13.5	25.8	10.8	-4.4
14434	ok	0.0	0.3	2.86e-03	9.1	9.1	9.1	9.1	11.6	-10.6	13.8	15.7	12.0	-5.8
14435	ok	0.0	0.2	2.91e-03	9.1	9.1	9.1	9.1	14.9	-13.5	1.2	9.5	9.6	-5.6
14437	ok	0.0	0.3	3.58e-03	9.1	9.1	9.1	9.1	12.2	-8.1	9.5	-5.7	29.3	-2.0
14438	ok	0.0	0.8	3.80e-03	9.1	9.1	9.1	9.1	-0.7	-5.5	11.0	67.7	19.9	7.5
14439	ok	0.0	0.9	3.40e-03	9.1	9.1	9.1	9.1	5.9	-3.5	15.2	70.0	55.4	-15.9
14440	ok	0.0	0.6	3.18e-03	9.1	9.1	9.1	9.1	9.8	-4.4	13.6	37.7	50.6	-10.5
14441	ok	0.0	0.5	3.27e-03	9.1	9.1	9.1	9.1	10.6	-6.7	11.3	15.8	42.6	-8.4
14442	ok	0.0	0.4	3.45e-03	9.1	9.1	9.1	9.1	11.2	-7.2	10.5	2.2	34.3	-4.8
14443	ok	0.0	0.2	3.25e-03	9.1	9.1	9.1	9.1	10.4	-7.1	8.3	-3.9	19.3	-3.3
14444	ok	0.0	0.3	3.19e-03	9.1	9.1	9.1	9.1	18.3	-14.4	2.0	6.9	19.5	-5.8
14445	ok	0.0	0.3	3.10e-03	9.1	9.1	9.1	9.1	7.8	-5.0	10.6	15.7	24.1	-9.6
14446	ok	0.0	0.5	3.00e-03	9.1	9.1	9.1	9.1	6.0	-4.0	11.1	33.8	25.2	-10.9
14447	ok	0.0	0.6	2.98e-03	9.1	9.1	9.1	9.1	3.8	-2.5	11.3	52.9	23.7	-4.0
14449	ok	0.0	0.4	4.10e-03	9.1	9.1	9.1	9.1	13.1	-8.8	11.0	-6.6	34.2	3.4
14452	ok	0.0	1.0	3.48e-03	9.1	9.1	9.1	9.3	13.6	-11.2	12.4	38.1	89.3	3.0
14453	ok	0.0	0.7	3.42e-03	9.1	9.1	9.1	9.1	11.7	-9.9	10.7	15.3	65.9	4.2
14454	ok	0.0	0.5	3.73e-03	9.1	9.1	9.1	9.1	12.5	-8.2	10.9	1.4	42.7	3.9
14455	ok	0.0	0.4	3.85e-03	9.1	9.1	9.1	9.1	13.0	-8.7	10.3	-6.6	33.5	0.2
14456	ok	0.0	0.5	3.60e-03	9.1	9.1	9.1	9.1	12.4	-8.2	11.0	1.4	41.1	-1.3
14457	ok	0.0	0.6	3.29e-03	9.1	9.1	9.1	9.1	14.3	-6.6	12.2	15.8	56.3	-1.0
14458	ok	0.0	0.9	3.45e-03	9.1	9.1	9.1	9.1	12.8	-8.4	13.0	41.3	75.2	-10.9
14460	ok	0.0	0.2	2.93e-03	9.1	9.1	9.1	9.1	-0.2	-17.9	1.0	-9.3	-9.5	5.5
14461	ok	0.0	0.2	2.80e-03	9.1	9.1	9.1	9.1	-0.1	-16.6	0.5	-7.8	-14.6	-5.1
14462	ok	0.0	0.4	1.52e-03	9.1	9.1	9.1	9.1	2.9	5.14e-03	-4.65e-02	-36.9	0.7	4.4
14463	ok	0.0	0.1	4.55e-03	9.1	9.1	9.1	9.1	2.3	0.7	0.1	1.6	0.3	-4.9
14464	ok	0.0	0.1	2.87e-03	9.1	9.1	9.1	9.1	-0.2	-17.2	0.7	-8.7	-11.3	-8.58e-02
14465	ok	0.0	0.2	3.76e-03	9.1	9.1	9.1	9.1	1.38e-03	-23.6	5.72e-04	0.2	-22.9	3.0
14466	ok	0.0	0.3	4.06e-03	9.1	9.1	9.1	9.1	4.27e-04	-26.4	-8.53e-03	0.2	-30.0	3.8
14467	ok	0.0	0.5	4.01e-03	9.1	9.1	9.1	9.1	0.1	-26.1	0.7	-0.8	-30.5	28.0
14468	ok	0.0	0.2	3.51e-03	9.1	9.1	9.1	9.1	5.1	0.2	2.23e-02	-14.1	0.5	-3.6
14469	ok	0.0	0.3	2.95e-03	9.1	9.1	9.1	9.1	2.3	2.69e-02	3.76e-03	-24.5	0.6	-2.1
14470	ok	0.0	0.4	2.46e-03	9.1	9.1	9.1	9.1	4.7	2.46e-03	-9.05e-03	-31.6	0.7	0.3
14471	ok	0.0	0.4	2.00e-03	9.1	9.1	9.1	9.1	2.6	1.83e-03	-2.86e-02	-35.6	0.7	2.3
14472	ok	0.0	0.2	6.64e-03	9.1	9.1	9.1	9.1	-13.2	-2.4	-2.2	-6.8	2.8	-19.7
14473	ok	0.0	0.3	1.68e-03	9.1	9.1	9.1	9.1	1.7	-6.3	3.8	-2.2	-21.8	-15.9
14474	ok	0.0	0.5	3.45e-03	9.1	9.1	9.1	9.1	-0.3	-23.0	2.8	-5.6	-26.5	32.2
14475	ok	0.0	0.3	1.68e-03	9.1	9.1	9.1	9.1	0.9	-8.3	2.4	-4.0	-22.6	-15.3
14476	ok	0.0	0.3	1.79e-03	9.1	9.1	9.1	9.1	1.0	-7.9	2.8	-3.0	-18.8	-15.2
14477	ok	0.0	0.3	4.19e-03	9.1	9.1	9.1	9.1	1.93e-03	-27.6	-6.84e-03	0.1	-32.0	4.1
14478	ok	0.0	0.3	6.24e-03	9.1	9.1	9.1	9.1	-14.5	-1.0	-0.9	-2.1	19.9	-14.5
14479	ok	0.0	1.0	8.84e-03	9.1	19.9	9.1	10.7	-11.2	-4.8	-4.7	174.6	63.2	-13.5
14480	ok	0.0	0.3	1.84e-03	9.1	9.1	9.1	9.1	0.5	-9.7	1.7	-4.7	-20.5	-14.1
14481	ok	0.0	0.5	4.11e-03	9.1	9.1	9.1	9.1	-2.07e-02	-27.2	0.6	-0.7	-32.1	29.1
14482	ok	0.0	0.6	4.15e-03	9.1	9.1	9.1	9.1	-8.14e-03	-28.3	1.6	-1.4	-32.2	33.8
14483	ok	0.0	0.3	4.35e-03	9.1	9.1	9.1	9.1	9.19e-03	-28.8	1.12e-02	9.17e-02	-32.3	4.2
14484	ok	0.0	0.9	6.68e-03	9.1	9.1	9.1	9.1	-18.1	-2.5	2.9	84.0	25.3	-5.4
14485	ok	0.0	1.0	7.57e-03	9.1	10.7	9.1	12.0	-20.6	-5.7	9.2	97.8	107.9	7.6
14486	ok	0.0	0.8	6.61e-03	9.1	9.1	9.1	9.1	-21.8	-3.0	5.1	65.7	23.2	16.1
14487	ok	0.0	1.0	5.57e-03	9.1	9.7	9.1	17.5	-13.0	0.6	7.8	70.7	147.3	-18.7
14488	ok	0.0	1.0	5.65e-03	16.7	39.3	12.1	37.6	-23.5	-7.1	13.5	301.6	284.8	-55.0
14489	ok	0.0	0.6	6.93e-03	9.1	9.1	9.1	9.1	-21.6	-3.2	3.9	19.6	50.1	-6.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14490	ok	0.0	0.2	6.80e-03	9.1	9.1	9.1	9.1	-6.3	-10.8	-18.6	-4.0	-7.9	0.1
14491	ok	0.0	1.0	8.06e-03	9.1	9.1	9.1	12.3	-19.7	-9.0	7.4	76.9	105.4	-14.2
14492	ok	0.0	0.4	5.82e-03	9.1	9.1	9.1	9.1	-17.0	0.1	3.8	-37.9	-16.2	-1.2
14493	ok	0.0	0.3	5.95e-03	9.1	9.1	9.1	9.1	-17.3	0.3	3.5	-29.0	-6.9	-1.9
14494	ok	0.0	0.2	6.12e-03	9.1	9.1	9.1	9.1	-18.6	-1.33e-02	3.0	-17.4	6.5	-2.7
14495	ok	0.0	0.3	6.36e-03	9.1	9.1	9.1	9.1	-19.1	-0.6	3.2	-0.5	21.8	-3.6
14496	ok	0.0	0.5	4.24e-03	9.1	9.1	9.1	9.1	-7.87e-02	-28.3	1.0	-0.8	-32.3	30.4
14497	ok	0.0	0.2	7.81e-03	9.1	9.1	9.1	9.1	-11.7	-18.9	-18.7	-4.0	-7.2	0.4
14498	ok	0.0	0.5	5.75e-03	9.1	9.1	9.1	9.1	-16.7	-0.4	4.3	-46.8	-27.2	-2.59e-02
14499	ok	0.0	0.6	5.58e-03	9.1	9.1	9.1	9.1	-17.0	-1.7	4.6	-53.3	-34.8	2.6
14500	ok	0.0	0.6	5.64e-03	9.1	9.1	9.1	9.1	-17.2	-1.2	4.2	-51.2	-31.0	1.3
14501	ok	0.0	0.6	5.53e-03	9.1	9.1	9.1	9.1	-16.8	-2.2	5.0	-54.4	-37.5	4.1
14502	ok	0.0	0.6	5.49e-03	9.1	9.1	9.1	9.1	-16.6	-2.9	5.6	-54.3	-38.9	6.4
14503	ok	0.0	0.6	5.35e-03	9.1	9.1	9.1	9.1	-16.3	-4.0	6.3	-51.5	-37.2	9.4
14504	ok	0.0	0.6	5.41e-03	9.1	9.1	9.1	9.1	-16.4	-3.5	6.0	-53.3	-38.6	7.9
14505	ok	0.0	0.3	8.64e-03	9.1	9.1	9.1	9.1	78.1	51.6	46.8	7.1	10.8	6.12e-02
14506	ok	0.0	1.0	1.49e-02	16.3	26.2	23.1	22.0	5.6	20.5	-22.0	116.0	-127.8	66.4
14507	ok	0.0	1.0	9.07e-03	9.1	12.4	9.1	9.1	-50.8	-18.5	21.6	45.0	62.8	-12.9
14508	ok	0.0	0.4	9.03e-03	9.1	9.1	9.1	9.1	69.9	53.0	53.5	10.0	23.8	-0.9
14509	ok	0.0	0.6	7.22e-03	9.1	9.1	9.1	9.1	-36.4	3.3	8.6	27.4	35.9	20.0
14510	ok	0.0	0.6	1.08e-02	9.1	9.1	9.1	9.1	67.8	47.8	64.1	12.7	41.2	-0.9
14511	ok	0.0	0.3	7.29e-03	9.1	9.1	9.1	9.1	81.1	37.4	51.7	6.7	11.8	-0.1
14512	ok	0.0	0.3	5.97e-03	9.1	9.1	9.1	9.1	81.0	25.4	54.5	5.7	12.0	-0.1
14513	ok	0.0	0.2	4.86e-03	9.1	9.1	9.1	9.1	78.5	12.7	55.7	4.5	11.8	-0.1
14514	ok	0.0	0.3	5.14e-03	9.1	9.1	9.1	9.1	-23.2	-6.1	7.4	-1.8	12.4	19.2
14515	ok	0.0	0.4	5.07e-03	9.1	9.1	9.1	9.1	-17.6	-7.1	7.1	-25.6	-11.5	13.8
14516	ok	0.0	0.4	5.18e-03	9.1	9.1	9.1	9.1	-17.1	-6.9	7.3	-30.3	-16.6	13.5
14517	ok	0.0	0.5	5.31e-03	9.1	9.1	9.1	9.1	-16.1	-6.2	7.4	-39.3	-25.8	12.4
14518	ok	0.0	0.9	7.14e-03	9.1	9.1	9.1	9.1	-2.9	-48.8	-8.2	1.6	83.2	1.7
14519	ok	0.0	0.2	5.52e-03	9.1	9.1	9.1	9.1	74.3	9.5	55.7	3.6	11.4	0.2
14520	ok	0.0	0.6	5.18e-03	9.1	9.1	9.1	9.1	-16.2	-5.0	6.6	-46.2	-32.2	11.5
14521	ok	0.0	0.6	5.27e-03	9.1	9.1	9.1	9.1	-16.2	-4.5	6.5	-49.3	-35.1	10.5
14526	ok	0.0	0.3	2.90e-03	9.1	9.1	9.1	9.1	9.4	-2.4	11.4	11.3	-23.2	-5.2
14527	ok	0.0	0.3	2.60e-03	9.1	9.1	9.1	9.1	8.3	-2.5	10.5	10.1	-23.6	-10.1
14528	ok	0.0	0.3	2.33e-03	9.1	9.1	9.1	9.1	7.1	-2.6	9.4	7.9	-23.7	-13.4
14529	ok	0.0	0.3	2.07e-03	9.1	9.1	9.1	9.1	5.7	-2.8	8.3	4.8	-23.4	-15.1
14530	ok	0.0	0.2	6.90e-03	9.1	9.1	9.1	9.1	-10.8	-2.4	-1.0	-2.7	-6.6	-15.5
14531	ok	0.0	0.2	6.93e-03	9.1	9.1	9.1	9.1	-13.3	-1.9	-1.4	-10.9	1.0	-16.9
14532	ok	0.0	0.2	7.47e-03	9.1	9.1	9.1	9.1	-11.7	-2.2	-1.3	-8.2	-3.3	-16.9
14533	ok	0.0	0.2	1.99e-03	9.1	9.1	9.1	9.1	-0.9	-2.5	10.6	-10.4	-8.4	-10.3
14534	ok	0.0	0.3	1.79e-03	9.1	9.1	9.1	9.1	-1.0	-0.2	9.1	-5.8	-7.6	-16.3
14535	ok	0.0	0.3	1.63e-03	9.1	9.1	9.1	9.1	4.8	-0.4	8.6	6.3	-13.2	-17.7
14536	ok	0.0	0.3	1.37e-03	9.1	9.1	9.1	9.1	15.4	0.7	9.1	9.6	-12.7	-15.8
14537	ok	0.0	0.2	7.13e-03	9.1	9.1	9.1	9.1	-26.6	9.3	22.2	-0.8	-17.5	4.4
14538	ok	0.0	0.1	2.08e-03	9.1	9.1	9.1	9.1	-0.5	-8.8	2.8	-4.6	1.3	-8.5
14539	ok	0.0	0.2	1.51e-03	9.1	9.1	9.1	9.1	7.3	-2.8	7.5	10.1	-4.9	-17.1
14540	ok	0.0	0.3	2.35e-03	9.1	9.1	9.1	9.1	-3.2	-2.8	10.5	-6.3	-13.3	-9.7
14541	ok	0.0	0.3	2.11e-03	9.1	9.1	9.1	9.1	8.6	-1.1	9.8	2.5	-19.4	-12.5
14542	ok	0.0	0.3	1.87e-03	9.1	9.1	9.1	9.1	8.4	-1.2	9.0	5.3	-20.1	-15.4
14543	ok	0.0	0.3	1.66e-03	9.1	9.1	9.1	9.1	6.9	-0.9	8.4	6.3	-19.9	-15.7
14544	ok	0.0	0.2	7.07e-03	9.1	9.1	9.1	9.1	-10.1	3.8	9.5	1.9	-16.7	3.6
14545	ok	0.0	0.2	6.92e-03	9.1	9.1	9.1	9.1	-9.6	-1.2	-0.1	6.5	-14.2	0.6
14546	ok	0.0	0.2	6.82e-03	9.1	9.1	9.1	9.1	-10.1	-1.9	-0.3	7.7	-12.5	-5.3
14547	ok	0.0	0.3	2.67e-03	9.1	9.1	9.1	9.1	11.2	-1.5	12.3	5.0	-22.7	-5.5
14548	ok	0.0	0.3	2.39e-03	9.1	9.1	9.1	9.1	10.3	-1.6	11.6	5.3	-23.1	-10.2
14549	ok	0.0	0.3	2.13e-03	9.1	9.1	9.1	9.1	9.2	-1.6	10.7	5.2	-23.4	-13.1
14550	ok	0.0	0.3	1.89e-03	9.1	9.1	9.1	9.1	7.8	-1.6	9.8	3.8	-23.3	-14.3
14551	ok	0.0	0.2	6.96e-03	9.1	9.1	9.1	9.1	-7.5	-0.1	-0.1	-3.4	-17.4	5.7
14552	ok	0.0	0.3	7.44e-03	9.1	9.1	9.1	9.1	-8.3	-0.3	0.2	-4.3	-22.5	6.3
14553	ok	0.0	1.0	1.13e-02	20.5	18.3	9.1	9.1	-8.0	-11.0	39.1	148.3	54.0	-1.7
14554	ok	0.0	0.5	1.45e-02	9.1	9.1	9.1	9.1	23.0	20.9	-18.0	36.1	28.4	4.1
14555	ok	0.0	0.3	8.78e-03	9.1	9.1	9.1	9.1	-17.1	7.9	9.7	20.8	12.9	-4.6
14556	ok	0.0	0.3	6.87e-03	9.1	9.1	9.1	9.1	-2.1	3.3	-9.2	9.9	13.5	-8.2
14557	ok	0.0	0.7	3.57e-03	9.1	9.1	9.1	9.1	3.5	-8.5	7.7	59.2	9.2	-7.8
14558	ok	0.0	0.5	3.17e-03	9.1	9.1	9.1	9.1	2.6	-8.0	6.0	42.6	8.0	-14.1
14559	ok	0.0	0.4	2.66e-03	9.1	9.1	9.1	9.1	1.0	-7.4	5.0	24.7	7.0	-16.9
14560	ok	0.0	0.3	2.40e-03	9.1	9.1	9.1	9.1	0.3	-7.1	4.2	11.6	3.4	-16.3
14561	ok	0.0	0.2	2.24e-03	9.1	9.1	9.1	9.1	0.6	-8.2	3.1	2.1	-2.4	-14.3
14562	ok	0.0	0.2	5.89e-03	9.1	9.1	9.1	9.1	-2.6	3.2	-6.8	6.9	14.5	-9.2
14563	ok	0.0	0.2	5.02e-03	9.1	9.1	9.1	9.1	-4.2	2.5	-4.5	3.8	15.8	-8.0
14564	ok	0.0	0.2	3.06e-03	9.1	9.1	9.1	9.1	8.0	-3.4	10.5	18.3	-20.9	-5.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14565	ok	0.0	0.3	2.77e-03	9.1	9.1	9.1	9.1	6.9	-3.5	9.4	15.6	-21.1	-10.4
14566	ok	0.0	0.3	2.48e-03	9.1	9.1	9.1	9.1	5.6	-3.7	8.2	11.4	-21.1	-14.0
14567	ok	0.0	0.3	2.21e-03	9.1	9.1	9.1	9.1	4.3	-4.0	6.9	6.4	-21.1	-15.9
14568	ok	0.0	0.3	1.93e-03	9.1	9.1	9.1	9.1	2.8	-5.0	5.3	1.3	-21.1	-16.2
14569	ok	0.0	0.2	4.32e-03	9.1	9.1	9.1	9.1	5.3	-14.3	-12.7	1.7	16.5	-3.8
14570	ok	0.0	0.1	4.62e-03	9.1	9.1	9.1	9.1	0.4	-5.2	-23.5	-1.6	10.7	-1.4
14571	ok	0.0	0.3	3.21e-03	9.1	9.1	9.1	9.1	6.8	-4.4	9.7	26.8	-15.5	-5.0
14572	ok	0.0	0.3	2.87e-03	9.1	9.1	9.1	9.1	5.6	-4.7	8.2	22.1	-15.6	-11.1
14573	ok	0.0	0.2	2.61e-03	9.1	9.1	9.1	9.1	4.4	-4.8	7.0	15.5	-15.7	-14.9
14574	ok	0.0	0.3	2.33e-03	9.1	9.1	9.1	9.1	3.2	-5.3	5.8	8.5	-16.0	-16.5
14575	ok	0.0	0.3	2.06e-03	9.1	9.1	9.1	9.1	2.1	-6.1	4.5	2.3	-16.9	-16.5
14576	ok	0.0	0.5	4.75e-03	9.1	9.1	9.1	9.1	-21.8	1.0	3.9	-46.4	-43.6	-2.0
14577	ok	0.0	0.1	6.08e-03	9.1	9.1	9.1	9.1	-22.5	13.8	12.5	-1.2	-10.2	3.7
14578	ok	0.0	0.4	3.27e-03	9.1	9.1	9.1	9.1	5.9	-6.1	8.5	37.3	-6.2	-5.6
14579	ok	0.0	0.4	2.96e-03	9.1	9.1	9.1	9.1	4.5	-5.9	7.0	30.2	-6.5	-12.3
14580	ok	0.0	0.3	2.71e-03	9.1	9.1	9.1	9.1	3.4	-5.9	6.0	20.1	-7.0	-15.9
14581	ok	0.0	0.2	2.41e-03	9.1	9.1	9.1	9.1	2.2	-6.4	4.8	10.4	-8.3	-16.9
14582	ok	0.0	0.2	2.15e-03	9.1	9.1	9.1	9.1	1.3	-7.3	3.6	2.4	-10.6	-16.0
14583	ok	0.0	0.2	6.48e-03	9.1	9.1	9.1	9.1	-24.4	12.4	22.4	-1.6	-14.4	4.3
14584	ok	0.0	0.3	8.35e-03	9.1	9.1	9.1	9.1	-9.4	-0.6	0.7	-5.8	-28.1	7.5
14585	ok	0.0	0.4	9.44e-03	9.1	9.1	9.1	9.1	-10.6	-0.8	1.1	-7.2	-31.0	9.0
14586	ok	0.0	0.4	1.05e-02	9.1	9.1	9.1	9.1	-11.8	-0.9	1.5	-8.5	-31.2	10.9
14587	ok	0.0	0.4	1.17e-02	9.1	9.1	9.1	9.1	-13.0	-1.0	1.7	-9.7	-28.9	12.9
14589	ok	0.0	0.9	3.01e-03	9.1	9.1	9.1	9.9	-5.0	-8.6	4.7	56.7	88.6	-9.2
14590	ok	0.0	0.7	3.15e-03	9.1	9.1	9.1	9.1	-4.2	-8.8	5.4	27.8	62.9	-4.8
14591	ok	0.0	0.4	2.65e-03	9.1	9.1	9.1	9.1	-2.4	-8.1	4.3	10.4	37.8	2.8
14592	ok	0.0	0.2	2.46e-03	9.1	9.1	9.1	9.1	4.0	-4.5	-2.2	2.6	18.6	3.2
14593	ok	0.0	0.1	2.25e-03	9.1	9.1	9.1	9.1	-1.0	-10.8	3.2	-8.1	6.7	4.2
14594	ok	0.0	0.4	1.31e-02	9.1	9.1	9.1	9.1	-14.3	-0.8	1.9	-11.1	-24.2	14.7
14595	ok	0.0	0.9	3.56e-03	9.1	9.1	9.1	9.1	1.8	-10.4	6.8	76.4	29.5	-11.3
14596	ok	0.0	0.7	3.19e-03	9.1	9.1	9.1	9.1	0.3	-9.6	4.9	50.7	30.4	-18.1
14597	ok	0.0	0.5	2.26e-03	9.1	9.1	9.1	9.1	-0.3	-7.7	4.1	28.0	23.1	-16.1
14598	ok	0.0	0.3	2.27e-03	9.1	9.1	9.1	9.1	-0.6	-7.5	3.9	11.7	15.5	-13.6
14599	ok	0.0	0.2	2.31e-03	9.1	9.1	9.1	9.1	-0.2	-0.9	7.6	3.3	8.0	-8.6
14600	ok	0.0	0.3	1.47e-02	9.1	9.1	9.1	9.1	-15.6	-0.5	1.8	-12.8	-17.9	15.9
14601	ok	0.0	1.0	3.28e-03	9.1	11.6	9.1	9.1	-0.7	-11.5	4.1	95.0	62.8	-17.0
14602	ok	0.0	0.9	2.86e-03	9.1	9.1	9.1	9.1	-2.3	-10.0	4.6	57.8	61.8	-21.9
14603	ok	0.0	0.5	2.46e-03	9.1	9.1	9.1	9.1	-1.6	-8.0	3.9	29.2	43.9	-10.5
14604	ok	0.0	0.3	2.36e-03	9.1	9.1	9.1	9.1	-1.7	-8.0	3.9	10.9	27.5	-8.3
14605	ok	0.0	0.2	2.36e-03	9.1	9.1	9.1	9.1	1.9	-1.8	7.9	2.7	13.9	-5.1
14606	ok	0.0	0.4	1.92e-02	9.1	9.1	9.1	9.1	-20.0	-0.2	1.4	-16.9	-11.1	18.4
14607	ok	0.0	1.0	2.51e-02	11.6	16.7	11.2	14.1	-12.2	-23.1	-54.6	115.1	97.4	34.7
14609	ok	0.0	0.9	3.47e-03	9.1	9.1	9.1	11.0	-7.0	-7.4	6.3	54.8	96.8	10.8
14610	ok	0.0	0.7	3.34e-03	9.1	9.1	9.1	9.1	-4.7	-8.3	6.4	26.3	63.2	11.0
14611	ok	0.0	0.5	2.87e-03	9.1	9.1	9.1	9.1	-3.3	-9.2	5.5	9.7	41.7	10.7
14612	ok	0.0	0.3	2.58e-03	9.1	9.1	9.1	9.1	-1.9	-9.5	4.6	-1.6	20.7	9.6
14613	ok	0.0	0.2	2.34e-03	9.1	9.1	9.1	9.1	-1.2	-10.9	3.8	-7.8	9.4	9.4
14614	ok	0.0	0.5	6.72e-03	9.1	9.1	9.1	9.1	-14.4	1.6	1.7	-3.5	-46.9	4.7
14615	ok	0.0	0.4	6.07e-03	9.1	9.1	9.1	9.1	-14.8	1.0	1.7	9.4	-38.6	2.9
14616	ok	0.0	0.6	6.52e-03	9.1	9.1	9.1	9.1	-14.4	1.4	1.7	-3.9	-48.9	7.0
14617	ok	0.0	1.0	4.60e-03	9.1	11.0	9.1	9.3	-4.2	-7.3	10.6	72.6	56.5	33.9
14618	ok	0.0	1.0	4.60e-03	9.1	9.1	9.1	9.1	-3.9	-8.4	9.9	52.9	50.6	35.4
14619	ok	0.0	0.7	3.78e-03	9.1	9.1	9.1	9.1	-3.2	-10.1	8.7	26.3	38.6	33.2
14620	ok	0.0	0.5	3.42e-03	9.1	9.1	9.1	9.1	-2.4	-11.5	7.2	9.9	26.7	28.4
14621	ok	0.0	0.3	2.86e-03	9.1	9.1	9.1	9.1	-1.8	-11.2	5.9	-0.9	12.2	23.1
14622	ok	0.0	0.3	2.59e-03	9.1	9.1	9.1	9.1	-1.2	-12.5	4.7	-6.9	3.1	21.0
14623	ok	0.0	0.5	6.30e-03	9.1	9.1	9.1	9.1	-14.7	1.3	1.7	1.9	-45.0	5.1
14624	ok	0.0	0.9	1.78e-02	9.1	9.1	9.1	12.8	-1.9	-123.3	-7.6	35.7	76.1	12.7
14625	ok	0.0	1.0	4.18e-03	9.1	9.2	9.1	11.4	-6.6	-7.3	8.9	58.5	78.8	31.1
14626	ok	0.0	0.8	3.66e-03	9.1	9.1	9.1	9.1	-4.3	-9.0	7.7	25.9	55.6	24.4
14627	ok	0.0	0.5	3.12e-03	9.1	9.1	9.1	9.1	-3.0	-10.3	6.5	9.5	37.1	20.5
14628	ok	0.0	0.3	2.76e-03	9.1	9.1	9.1	9.1	-2.0	-10.3	5.3	-1.4	18.0	16.8
14629	ok	0.0	0.2	2.49e-03	9.1	9.1	9.1	9.1	-1.3	-11.7	4.3	-7.6	7.3	15.5
14630	ok	0.0	0.5	5.86e-03	9.1	9.1	9.1	9.1	-15.2	0.6	2.4	-2.7	-42.6	14.6
14631	ok	0.0	0.6	6.12e-03	9.1	9.1	9.1	9.1	-14.5	1.0	1.9	-11.0	-52.6	13.8
14632	ok	0.0	0.6	6.00e-03	9.1	9.1	9.1	9.1	-14.9	0.9	2.2	-7.4	-48.8	14.1
14633	ok	0.0	0.6	3.69e-03	9.1	9.1	9.1	9.1	-1.5	-7.8	9.5	43.8	-4.2	22.3
14634	ok	0.0	0.6	3.65e-03	9.1	9.1	9.1	9.1	-1.8	-10.8	7.7	23.6	-6.5	36.1
14635	ok	0.0	0.6	4.92e-03	9.1	9.1	9.1	9.1	-22.4	0.2	4.4	-51.5	-45.2	2.8
14636	ok	0.0	0.4	3.70e-03	9.1	9.1	9.1	9.1	-2.2	-14.7	8.8	4.2	-9.9	37.7
14637	ok	0.0	0.4	3.04e-03	9.1	9.1	9.1	9.1	-0.7	-14.9	5.6	2.0	-8.4	33.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14638	ok	0.0	0.4	2.76e-03	9.1	9.1	9.1	9.1	-0.7	-16.5	4.8	-4.9	-13.6	29.9
14639	ok	0.0	0.4	2.73e-03	9.1	9.1	9.1	9.1	-0.3	-18.1	3.3	-6.3	-17.7	27.2
14640	ok	0.0	0.9	3.99e-03	9.1	9.2	9.1	9.1	-1.0	-7.3	10.2	64.3	18.0	25.4
14641	ok	0.0	0.8	4.49e-03	9.1	9.1	9.1	9.1	-2.0	-9.5	9.4	44.4	20.8	34.1
14642	ok	0.0	0.6	3.65e-03	9.1	9.1	9.1	9.1	-2.2	-11.2	9.1	24.1	14.5	37.0
14643	ok	0.0	0.5	3.55e-03	9.1	9.1	9.1	9.1	-1.8	-13.2	7.9	8.6	9.2	34.3
14644	ok	0.0	0.3	2.88e-03	9.1	9.1	9.1	9.1	-1.4	-12.5	6.5	-0.2	1.7	28.9
14645	ok	0.0	0.3	2.65e-03	9.1	9.1	9.1	9.1	-1.0	-14.8	4.3	-5.6	-5.3	26.3
14646	ok	0.0	0.5	5.97e-03	9.1	9.1	9.1	9.1	-14.9	0.8	2.1	5.6	-41.2	9.6
14647	ok	0.0	0.6	6.16e-03	9.1	9.1	9.1	9.1	-14.7	1.0	1.9	-1.2	-47.5	10.2
14648	ok	0.0	0.5	3.38e-03	9.1	9.1	9.1	9.1	-0.7	-7.3	7.1	31.3	-13.7	22.5
14649	ok	0.0	0.5	3.43e-03	9.1	9.1	9.1	9.1	-1.5	-9.6	7.6	25.0	-14.8	31.5
14650	ok	0.0	0.4	3.56e-03	9.1	9.1	9.1	9.1	-1.9	-12.0	7.4	13.6	-14.8	35.9
14651	ok	0.0	0.5	3.57e-03	9.1	9.1	9.1	9.1	-1.9	-14.0	7.7	4.6	-17.0	38.3
14652	ok	0.0	0.5	3.29e-03	9.1	9.1	9.1	9.1	-1.8	-16.6	6.5	-2.2	-18.5	36.2
14653	ok	0.0	0.5	2.77e-03	9.1	9.1	9.1	9.1	-0.8	-16.9	4.9	-4.7	-17.7	30.9
14654	ok	0.0	0.5	2.88e-03	9.1	9.1	9.1	9.1	-0.2	-19.2	3.4	-5.3	-21.4	28.6
14655	ok	0.0	0.6	6.33e-03	9.1	9.1	9.1	9.1	-14.4	1.2	1.8	-6.1	-51.3	10.9
14656	ok	0.0	0.4	2.95e-03	9.1	9.1	9.1	9.1	-0.6	-6.0	6.1	26.3	-18.0	21.7
14657	ok	0.0	0.4	3.29e-03	9.1	9.1	9.1	9.1	-2.3	-10.0	7.4	14.8	-24.4	30.8
14658	ok	0.0	0.5	3.52e-03	9.1	9.1	9.1	9.1	-2.2	-12.7	7.4	6.6	-23.2	37.0
14659	ok	0.0	0.6	3.47e-03	9.1	9.1	9.1	9.1	-2.2	-14.3	7.4	2.5	-24.0	38.0
14660	ok	0.0	0.6	3.49e-03	9.1	9.1	9.1	9.1	-2.4	-17.8	7.4	-5.2	-28.1	38.1
14661	ok	0.0	0.5	2.99e-03	9.1	9.1	9.1	9.1	-0.4	-18.5	5.3	-1.6	-22.2	33.7
14662	ok	0.0	0.5	3.02e-03	9.1	9.1	9.1	9.1	-0.3	-20.1	3.9	-5.1	-24.1	30.3
14663	ok	0.0	0.6	5.33e-03	9.1	9.1	9.1	9.1	-19.1	0.5	3.2	-36.5	-45.4	15.5
14664	ok	0.0	0.3	2.61e-03	9.1	9.1	9.1	9.1	-1.5	-5.9	5.7	15.5	-22.6	20.1
14665	ok	0.0	0.5	3.01e-03	9.1	9.1	9.1	9.1	-2.3	-9.4	6.8	10.0	-28.5	29.3
14666	ok	0.0	0.5	3.30e-03	9.1	9.1	9.1	9.1	-2.2	-11.7	7.5	6.4	-27.9	35.1
14667	ok	0.0	0.6	3.42e-03	9.1	9.1	9.1	9.1	-2.1	-13.8	8.7	1.3	-27.9	37.6
14668	ok	0.0	0.6	3.39e-03	9.1	9.1	9.1	9.1	-1.9	-17.1	7.4	-3.4	-29.5	38.6
14669	ok	0.0	0.6	3.30e-03	9.1	9.1	9.1	9.1	-2.3	-20.3	6.6	-7.6	-32.0	38.3
14670	ok	0.0	0.5	3.21e-03	9.1	9.1	9.1	9.1	9.00e-02	-21.6	3.8	-1.2	-25.5	33.1
14671	ok	0.0	1.0	1.36e-02	57.6	59.5	94.9	90.5	-48.3	-104.6	80.2	274.0	431.4	-249.0
14672	ok	0.0	1.0	1.08e-02	9.1	18.3	9.1	13.4	-5.7	-70.0	-7.9	135.5	55.0	-38.0
14673	ok	0.0	0.5	7.09e-03	9.1	9.1	9.1	9.1	0.7	-49.7	3.1	22.6	44.9	10.4
14674	ok	0.0	0.4	5.89e-03	9.1	9.1	9.1	9.1	1.9	-40.7	4.8	11.6	20.0	16.4
14675	ok	0.0	0.4	5.24e-03	9.1	9.1	9.1	9.1	-0.5	-33.9	4.8	6.5	-14.9	32.3
14676	ok	0.0	0.5	4.80e-03	9.1	9.1	9.1	9.1	-0.4	-31.5	3.6	2.2	-23.9	35.6
14677	ok	0.0	0.7	5.36e-03	9.1	9.1	9.1	9.1	-18.9	0.7	2.4	-34.1	-52.1	14.1
14678	ok	0.0	0.7	5.36e-03	9.1	9.1	9.1	9.1	-19.0	0.6	2.8	-35.4	-49.5	15.0
14679	ok	0.0	0.5	1.53e-03	9.1	9.1	9.1	9.1	9.54e-02	-2.63e-02	3.07e-02	-34.4	-4.8	17.2
14680	ok	0.0	0.5	1.26e-03	9.1	9.1	9.1	9.1	-0.6	-7.16e-02	0.2	-31.0	-3.7	21.4
14681	ok	0.0	0.5	1.15e-03	9.1	9.1	9.1	9.1	-1.9	-0.2	0.6	-24.9	-2.0	24.2
14682	ok	0.0	0.4	1.29e-03	9.1	9.1	9.1	9.1	-4.4	-0.3	1.5	-15.3	1.0	24.9
14683	ok	0.0	0.3	1.95e-03	9.1	9.1	9.1	9.1	-9.6	-2.4	2.9	7.5	3.3	25.0
14684	ok	0.0	0.4	6.23e-03	9.1	9.1	9.1	9.1	-24.4	-35.3	12.8	18.0	22.6	15.0
14685	ok	0.0	0.9	1.18e-02	9.1	9.1	18.8	19.0	-31.5	-10.3	-17.5	48.5	163.5	16.9
14686	ok	0.0	0.4	2.48e-03	9.1	9.1	9.1	9.1	-2.1	-5.7	5.4	6.5	-27.5	19.7
14687	ok	0.0	0.5	2.59e-03	9.1	9.1	9.1	9.1	-2.3	-7.4	5.9	6.9	-27.7	26.9
14688	ok	0.0	0.6	3.12e-03	9.1	9.1	9.1	9.1	-3.3	-12.0	7.6	-1.7	-34.6	34.6
14689	ok	0.0	0.6	3.36e-03	9.1	9.1	9.1	9.1	-2.6	-15.5	9.0	-3.8	-31.4	37.9
14690	ok	0.0	0.6	3.24e-03	9.1	9.1	9.1	9.1	-2.3	-17.4	7.7	-4.6	-32.0	38.1
14691	ok	0.0	0.6	3.32e-03	9.1	9.1	9.1	9.1	-1.8	-20.3	6.9	-4.9	-32.0	38.1
14692	ok	0.0	0.7	3.73e-03	9.1	9.1	9.1	9.1	-1.7	-24.5	5.7	-6.1	-35.3	37.7
14693	ok	0.0	0.4	2.39e-03	9.1	9.1	9.1	9.1	-2.9	-4.8	5.0	-0.6	-28.8	19.1
14694	ok	0.0	0.5	2.51e-03	9.1	9.1	9.1	9.1	-3.4	-6.7	5.6	-2.2	-28.5	24.4
14695	ok	0.0	0.6	2.62e-03	9.1	9.1	9.1	9.1	-3.8	-10.6	7.1	-4.5	-33.2	32.4
14696	ok	0.0	0.6	3.28e-03	9.1	9.1	9.1	9.1	-3.6	-14.0	8.4	-5.4	-32.7	36.9
14697	ok	0.0	0.6	3.35e-03	9.1	9.1	9.1	9.1	-2.9	-17.7	8.3	-5.6	-31.7	38.0
14698	ok	0.0	0.6	3.56e-03	9.1	9.1	9.1	9.1	-1.9	-21.6	7.7	-3.9	-31.3	38.0
14699	ok	0.0	0.6	3.80e-03	9.1	9.1	9.1	9.1	-1.3	-24.7	6.1	-1.9	-30.3	36.8
14700	ok	0.0	0.4	2.27e-03	9.1	9.1	9.1	9.1	-3.6	-4.0	4.5	-7.1	-28.1	18.4
14701	ok	0.0	0.5	2.37e-03	9.1	9.1	9.1	9.1	-4.0	-5.9	5.5	-7.4	-27.2	23.5
14702	ok	0.0	0.5	2.42e-03	9.1	9.1	9.1	9.1	-4.2	-8.1	6.4	-5.2	-25.8	29.6
14703	ok	0.0	0.6	3.25e-03	9.1	9.1	9.1	9.1	-5.2	-14.1	9.1	-9.9	-32.3	36.4
14704	ok	0.0	0.6	3.36e-03	9.1	9.1	9.1	9.1	-3.9	-17.8	9.4	-5.8	-28.3	37.8
14705	ok	0.0	0.6	3.65e-03	9.1	9.1	9.1	9.1	-3.1	-20.5	9.0	-4.2	-28.1	37.8
14706	ok	0.0	0.5	4.25e-03	9.1	9.1	9.1	9.1	-1.4	-27.1	7.1	1.2	-26.1	36.6
14707	ok	0.0	0.4	2.13e-03	9.1	9.1	9.1	9.1	-4.1	-3.0	3.9	-12.8	-25.4	17.4
14708	ok	0.0	0.4	2.25e-03	9.1	9.1	9.1	9.1	-4.8	-4.5	5.1	-12.1	-23.7	22.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14709	ok	0.0	0.5	1.98e-03	9.1	9.1	9.1	9.1	-5.4	-7.2	6.5	-11.3	-22.6	26.5
14710	ok	0.0	0.5	2.52e-03	9.1	9.1	9.1	9.1	-4.9	-10.6	8.0	-6.2	-19.5	31.6
14711	ok	0.0	0.6	3.74e-03	9.1	9.1	9.1	9.1	-5.9	-17.5	11.2	-8.4	-23.4	37.8
14712	ok	0.0	0.5	4.08e-03	9.1	9.1	9.1	9.1	-3.2	-23.4	9.7	-0.2	-22.8	37.4
14713	ok	0.0	0.4	4.71e-03	9.1	9.1	9.1	9.1	-1.3	-29.9	8.2	5.9	-17.4	35.4
14714	ok	0.0	0.4	2.05e-03	9.1	9.1	9.1	9.1	-4.2	-2.0	3.0	-17.8	-21.6	16.1
14715	ok	0.0	0.4	1.91e-03	9.1	9.1	9.1	9.1	-5.2	-3.2	4.3	-16.6	-19.4	20.7
14716	ok	0.0	0.4	1.85e-03	9.1	9.1	9.1	9.1	-6.1	-5.2	6.0	-14.0	-16.6	24.8
14717	ok	0.0	0.4	2.37e-03	9.1	9.1	9.1	9.1	-7.0	-8.6	8.0	-10.6	-13.5	28.0
14718	ok	0.0	0.5	3.60e-03	9.1	9.1	9.1	9.1	-7.7	-15.4	12.1	-5.4	-10.9	35.5
14719	ok	0.0	0.5	5.45e-03	9.1	9.1	9.1	9.1	-2.4	-32.6	12.9	12.0	-4.6	35.8
14721	ok	0.0	0.4	1.97e-03	9.1	9.1	9.1	9.1	-3.7	-1.0	2.0	-22.2	-16.9	14.7
14722	ok	0.0	0.4	1.79e-03	9.1	9.1	9.1	9.1	-4.9	-1.8	3.1	-20.6	-14.4	18.7
14723	ok	0.0	0.4	1.96e-03	9.1	9.1	9.1	9.1	-6.4	-3.2	4.8	-17.3	-10.8	22.3
14724	ok	0.0	0.4	2.41e-03	9.1	9.1	9.1	9.1	-7.9	-6.0	7.4	-12.1	-5.7	25.2
14725	ok	0.0	0.4	3.06e-03	9.1	9.1	9.1	9.1	-9.1	-10.4	10.9	-2.9	3.5	30.2
14726	ok	0.0	0.5	5.41e-03	9.1	9.1	9.1	9.1	-10.1	-25.2	18.1	7.5	10.0	33.9
14727	ok	0.0	0.6	7.55e-03	9.1	9.1	9.1	9.1	-1.0	-51.8	8.0	23.1	41.8	16.6
14728	ok	0.0	0.4	1.88e-03	9.1	9.1	9.1	9.1	-2.8	-0.3	0.9	-30.5	-11.8	15.1
14729	ok	0.0	0.4	1.69e-03	9.1	9.1	9.1	9.1	-4.2	-0.6	1.6	-27.9	-9.5	18.9
14730	ok	0.0	0.4	1.64e-03	9.1	9.1	9.1	9.1	-6.4	-1.2	2.8	-23.2	-5.9	21.9
14731	ok	0.0	0.4	1.94e-03	9.1	9.1	9.1	9.1	-9.6	-2.7	5.1	-15.6	-0.2	23.6
14732	ok	0.0	0.3	3.11e-03	9.1	9.1	9.1	9.1	-13.3	-6.0	9.0	-4.6	9.4	24.3
14733	ok	0.0	0.5	5.88e-03	9.1	9.1	9.1	9.1	-12.6	-18.6	17.3	10.7	28.3	25.9
14734	ok	0.0	0.8	7.63e-03	9.1	9.1	9.1	9.1	-11.6	-42.1	15.6	40.8	53.3	24.9
14735	ok	0.0	0.6	5.51e-03	9.1	9.1	9.1	9.1	-16.5	0.9	3.1	-28.3	-45.4	16.8
14736	ok	0.0	1.0	9.43e-03	9.1	23.3	10.2	16.3	-69.2	-19.5	9.4	134.5	63.9	-90.7
14737	ok	0.0	0.1	2.20e-03	9.1	9.1	9.1	9.1	-3.7	-12.5	4.6	-7.5	-6.5	-1.9
14738	ok	0.0	0.6	2.78e-03	9.1	9.1	9.1	9.1	0.2	-13.1	0.8	0.2	49.8	1.2
14739	ok	0.0	0.6	4.64e-03	9.1	9.1	9.1	9.1	0.2	-30.6	0.8	9.33e-02	-31.8	32.3
14740	ok	0.0	0.5	4.95e-03	9.1	9.1	9.1	9.1	3.59e-02	-32.1	0.6	0.8	-29.0	31.9
14741	ok	0.0	0.5	5.39e-03	9.1	9.1	9.1	9.1	3.27e-04	-34.3	0.9	1.1	-22.5	30.4
14742	ok	0.0	0.4	5.85e-03	9.1	9.1	9.1	9.1	-24.4	-5.3	10.2	-31.2	-30.5	-6.0
14743	ok	0.0	0.4	6.72e-03	9.1	9.1	9.1	9.1	-9.5	-22.5	4.2	-16.4	-39.5	-6.5
14744	ok	0.0	0.4	1.07e-03	9.1	9.1	9.1	9.1	3.2	1.26e-02	-6.90e-02	-35.8	0.6	6.3
14745	ok	0.0	0.4	6.33e-04	9.1	9.1	9.1	9.1	3.6	3.32e-02	-0.1	-32.1	0.5	7.8
14746	ok	0.0	0.3	4.79e-04	9.1	9.1	9.1	9.1	3.8	0.1	-0.2	-25.4	0.4	8.9
14747	ok	0.0	0.2	8.40e-04	9.1	9.1	9.1	9.1	3.9	0.6	-0.3	-15.0	0.1	9.1
14748	ok	0.0	0.2	1.24e-03	9.1	9.1	9.1	9.1	-7.7	0.4	-6.21e-02	-0.1	-2.6	16.3
14749	ok	0.0	0.4	1.99e-03	9.1	9.1	9.1	9.1	-12.9	-2.9	0.7	14.1	-4.2	15.0
14750	ok	0.0	0.6	1.02e-02	9.1	9.1	9.1	9.1	-9.0	-22.2	6.0	45.7	-17.4	-30.0
14751	ok	0.0	0.6	5.68e-03	9.1	9.1	9.1	9.1	-16.0	0.8	2.9	-20.2	-44.4	17.4
14752	ok	0.0	0.6	5.79e-03	9.1	9.1	9.1	9.1	-15.6	0.6	2.7	-11.4	-43.4	16.8
14753	ok	0.0	0.7	5.54e-03	9.1	9.1	9.1	9.1	-18.6	0.5	2.7	-29.2	-49.2	16.3
14754	ok	0.0	0.4	5.68e-03	9.1	9.1	9.1	9.1	-7.98e-02	-36.9	1.0	1.7	-10.7	29.8
14755	ok	0.0	0.4	7.69e-03	9.1	9.1	9.1	9.1	75.1	38.3	53.7	9.1	23.7	-0.5
14756	ok	0.0	0.7	5.56e-03	9.1	9.1	9.1	9.1	-18.4	0.6	2.3	-28.7	-52.3	15.3
14757	ok	0.0	0.6	5.72e-03	9.1	9.1	9.1	9.1	-15.6	0.9	2.5	-21.2	-49.9	16.7
14758	ok	0.0	0.7	5.75e-03	9.1	9.1	9.1	9.1	-18.1	0.6	2.2	-22.9	-52.3	15.8
14759	ok	0.0	0.6	5.86e-03	9.1	9.1	9.1	9.1	-15.2	0.9	2.4	-14.1	-49.4	16.1
14760	ok	0.0	0.1	2.27e-03	9.1	9.1	9.1	9.1	-2.3	-15.7	-1.9	-7.5	-4.6	4.6
14761	ok	0.0	0.2	2.33e-03	9.1	9.1	9.1	9.1	-0.6	-14.3	1.8	-10.5	-2.6	9.1
14762	ok	0.0	0.4	6.53e-03	9.1	9.1	9.1	9.1	-13.2	-25.5	20.7	-15.9	-34.0	-3.9
14763	ok	0.0	0.4	6.56e-03	9.1	9.1	9.1	9.1	-11.4	-27.8	20.8	-17.1	-37.3	-4.3
14764	ok	0.0	0.5	7.06e-03	9.1	9.1	9.1	9.1	-8.5	-25.5	-1.5	-12.9	-40.5	-9.2
14765	ok	0.0	0.2	2.39e-03	9.1	9.1	9.1	9.1	-0.6	-15.0	2.2	-10.1	-3.8	14.0
14766	ok	0.0	0.7	5.93e-03	9.1	9.1	9.1	9.1	-14.8	1.0	2.0	-16.2	-53.1	15.4
14767	ok	0.0	0.8	6.14e-03	9.1	9.1	9.1	9.1	0.4	-32.3	-5.0	-1.3	72.3	-1.0
14768	ok	0.0	0.6	5.15e-03	9.1	9.1	9.1	9.1	-19.7	0.5	3.5	-45.2	-46.9	12.5
14769	ok	0.0	0.7	5.12e-03	9.1	9.1	9.1	9.1	-19.7	0.8	2.5	-41.1	-51.3	11.1
14770	ok	0.0	0.7	5.13e-03	9.1	9.1	9.1	9.1	-19.7	0.7	3.0	-43.3	-49.7	12.1
14771	ok	0.0	0.6	5.04e-03	9.1	9.1	9.1	9.1	-20.6	0.3	4.0	-51.9	-47.4	8.5
14772	ok	0.0	0.6	4.93e-03	9.1	9.1	9.1	9.1	-20.9	0.9	2.8	-47.1	-49.3	6.5
14773	ok	0.0	0.6	4.98e-03	9.1	9.1	9.1	9.1	-20.8	0.6	3.4	-49.7	-48.8	7.7
14774	ok	0.0	0.6	5.12e-03	9.1	9.1	9.1	9.1	-20.1	0.5	3.7	-49.1	-47.3	10.5
14775	ok	0.0	0.6	5.12e-03	9.1	9.1	9.1	9.1	-20.3	0.7	3.2	-47.1	-49.4	9.9
14776	ok	0.0	0.6	5.10e-03	9.1	9.1	9.1	9.1	-20.2	0.9	2.6	-44.6	-50.5	8.8
14777	ok	0.0	0.6	5.01e-03	9.1	9.1	9.1	9.1	-21.1	9.90e-02	4.4	-53.5	-46.8	6.5
14778	ok	0.0	0.6	4.79e-03	9.1	9.1	9.1	9.1	-21.7	0.9	3.1	-48.7	-47.6	3.9
14779	ok	0.0	0.6	4.91e-03	9.1	9.1	9.1	9.1	-21.5	0.5	3.8	-51.3	-47.5	5.4
14780	ok	0.0	0.6	6.88e-03	9.1	9.1	9.1	9.1	0.7	-46.4	-3.2	1.8	55.2	1.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14781	ok	0.0	0.6	5.04e-03	9.1	9.1	9.1	9.1	-21.8	-0.4	5.0	-53.6	-45.1	4.2
14782	ok	0.0	0.3	6.41e-03	9.1	9.1	9.1	9.1	76.5	26.2	52.9	7.8	23.0	-8.50e-02
14783	ok	0.0	0.3	5.20e-03	9.1	9.1	9.1	9.1	75.0	14.5	52.0	6.4	22.1	0.1
14784	ok	0.0	0.4	6.22e-03	9.1	9.1	9.1	9.1	-14.9	1.2	1.5	9.1	-36.3	-1.2
14785	ok	0.0	0.5	6.48e-03	9.1	9.1	9.1	9.1	-14.7	1.4	1.6	2.0	-42.7	1.9
14786	ok	0.0	0.3	6.63e-03	9.1	9.1	9.1	9.1	-0.9	-46.5	-1.3	0.8	28.3	6.1
14787	ok	0.0	0.6	9.24e-03	9.1	9.1	9.1	9.1	-22.3	-36.7	-20.2	29.1	20.4	-4.7
14788	ok	0.0	0.3	1.29e-02	9.1	9.1	9.1	9.1	47.6	-7.3	-21.4	11.9	-9.5	6.4
14789	ok	0.0	0.5	3.04e-03	9.1	9.1	9.1	9.1	-0.3	-20.4	3.2	-3.9	-23.9	29.8
14790	ok	0.0	0.5	2.21e-03	9.1	9.1	9.1	9.1	-5.7	-0.2	-0.8	-34.3	-3.5	17.6
14791	ok	0.0	0.5	1.82e-02	9.1	9.1	9.1	9.1	-37.3	-17.7	-2.8	37.4	-8.66e-02	-7.1
14792	ok	0.0	0.4	2.53e-02	9.1	9.1	9.1	9.1	-79.7	-8.3	-72.2	0.8	5.9	-2.3
14793	ok	0.0	0.3	1.47e-02	9.1	9.1	9.1	9.1	39.7	-4.0	-81.2	1.2	7.2	0.7
14794	ok	0.0	0.3	1.69e-02	9.1	9.1	9.1	9.1	-4.8	-7.6	-80.7	1.1	7.2	-0.7
14795	ok	0.0	0.2	6.11e-03	9.1	9.1	9.1	9.1	1.2	-10.2	1.2	-2.2	-21.1	4.1
14796	ok	0.0	0.3	1.92e-02	9.1	9.1	9.1	9.1	-28.1	-7.6	-79.0	1.1	7.0	-1.3
14797	ok	0.0	0.4	2.19e-02	9.1	9.1	9.1	9.1	-52.6	-7.7	-76.2	1.0	6.6	-1.8
14798	ok	0.0	0.7	4.50e-02	9.1	9.1	9.1	9.1	451.4	45.8	78.0	7.3	-3.9	0.6
14799	ok	0.0	0.4	2.98e-02	9.1	9.1	9.1	9.1	-168.5	-12.0	-88.2	0.6	5.1	-2.6
14800	ok	0.0	0.5	3.65e-02	9.1	9.1	9.1	9.1	-159.3	-5.3	-89.0	0.6	4.5	-2.7
14801	ok	0.0	0.9	5.55e-02	9.1	11.0	9.1	9.1	271.5	10.2	51.3	47.7	-2.2	-3.5
14802	ok	0.0	0.8	4.34e-02	9.1	9.1	9.1	9.1	463.3	27.4	73.8	8.9	-4.5	1.3
14803	ok	0.0	0.7	4.75e-02	9.1	9.1	9.1	9.1	409.8	44.0	146.6	2.0	-8.8	-0.3
14804	ok	0.0	0.6	3.98e-02	9.1	9.1	9.1	9.1	332.7	11.3	134.8	4.0	-9.2	4.0
14805	ok	0.0	1.0	3.68e-02	9.1	10.1	9.1	9.1	263.0	2.3	85.9	37.5	9.1	11.6
14806	ok	0.0	0.3	5.55e-03	9.1	9.1	9.1	9.1	0.2	-15.1	1.5	-0.2	-24.7	4.1
14807	ok	0.0	1.0	5.90e-02	9.1	12.5	9.1	9.1	251.2	16.2	33.2	68.2	17.0	1.8
14808	ok	0.0	0.3	4.37e-03	9.1	9.1	9.1	9.1	71.6	11.5	51.5	5.3	21.0	0.7
14809	ok	0.0	0.5	9.21e-03	9.1	9.1	9.1	9.1	76.0	24.2	55.1	11.6	39.0	-1.47e-02
14810	ok	0.0	0.5	7.93e-03	9.1	9.1	9.1	9.1	77.1	20.4	48.4	10.1	36.8	0.5
14811	ok	0.0	0.4	6.11e-03	9.1	9.1	9.1	9.1	73.4	16.8	46.3	8.6	34.8	0.7
14812	ok	0.0	0.4	4.34e-03	9.1	9.1	9.1	9.1	64.3	13.8	47.0	7.1	32.9	1.9
14813	ok	0.0	0.3	8.92e-03	9.1	9.1	9.1	9.1	100.8	29.2	12.6	-9.9	-5.1	5.8
14814	ok	0.0	0.3	5.13e-03	9.1	9.1	9.1	9.1	1.33e-02	-33.0	-5.10e-03	3.60e-02	-28.9	4.5
14816	ok	0.0	1.0	8.52e-03	9.1	11.5	9.1	9.1	606.6	38.7	1.8	29.2	2.1	0.1
14817	ok	0.0	0.9	9.81e-02	9.1	9.1	9.1	9.1	136.7	25.1	-52.6	60.7	-5.34e-02	7.38e-02
14818	ok	0.0	1.0	6.93e-02	9.1	15.4	9.1	9.1	428.3	61.1	19.3	85.3	3.0	2.2
14819	ok	0.0	0.2	1.51e-02	9.1	9.1	9.1	9.1	21.1	-2.2	-2.4	-8.3	-0.4	5.8
14820	ok	0.0	0.3	2.06e-02	9.1	9.1	9.1	9.1	35.6	-2.7	4.5	-16.7	-0.6	-2.5
14821	ok	0.0	0.4	2.86e-02	9.1	9.1	9.1	9.1	43.1	-6.3	5.4	-19.1	-0.7	-2.0
14822	ok	0.0	0.4	3.02e-02	9.1	9.1	9.1	9.1	-133.1	-6.3	-4.5	22.5	-0.7	2.7
14823	ok	0.0	0.5	5.24e-03	9.1	9.1	9.1	9.1	328.9	18.3	1.5	4.5	0.3	-1.2
14824	ok	0.0	0.2	4.60e-04	9.1	9.1	9.1	9.1	60.6	-1.3	1.1	-0.4	2.26e-02	0.6
14825	ok	0.0	0.3	3.54e-03	9.1	9.1	9.1	9.1	162.8	-4.2	7.8	0.3	-0.1	0.6
14826	ok	0.0	0.3	4.63e-03	9.1	9.1	9.1	9.1	16.1	-10.4	11.0	-6.9	27.9	1.5
14827	ok	0.0	0.3	4.44e-03	9.1	9.1	9.1	9.1	14.7	-9.7	11.0	-9.1	28.6	2.4
14828	ok	0.0	0.3	3.96e-03	9.1	9.1	9.1	9.1	14.0	-8.9	8.4	-8.4	27.4	1.1
14829	ok	0.0	0.3	4.15e-03	9.1	9.1	9.1	9.1	14.8	-9.5	9.7	-9.2	29.5	1.2
14830	ok	0.0	0.3	4.14e-03	9.1	9.1	9.1	9.1	15.1	-9.0	7.8	-6.4	29.0	2.7
14831	ok	0.0	0.3	4.42e-03	9.1	9.1	9.1	9.1	16.2	-9.7	9.4	-7.0	30.0	1.5
14832	ok	0.0	0.2	4.46e-03	9.1	9.1	9.1	9.1	20.1	-25.0	12.8	-0.3	13.6	5.8
14833	ok	0.0	0.3	5.32e-03	9.1	9.1	9.1	9.1	13.6	-8.5	0.2	23.4	5.2	7.8
14834	ok	0.0	0.3	4.94e-03	9.1	9.1	9.1	9.1	13.5	-13.0	5.2	0.3	27.7	8.2
14835	ok	0.0	0.6	6.35e-03	9.1	9.1	9.1	9.1	13.5	-5.9	5.4	41.5	32.3	9.0
14836	ok	0.0	0.3	5.48e-03	9.1	9.1	9.1	9.1	15.4	-8.6	4.4	16.5	7.6	11.4
14837	ok	0.0	0.6	6.08e-03	9.1	9.1	9.1	9.1	12.1	-4.3	4.8	24.2	41.6	18.9
14838	ok	0.0	0.1	3.35e-03	9.1	9.1	9.1	9.1	11.7	-10.3	18.0	-4.3	9.9	2.7
14839	ok	0.0	0.2	3.67e-03	9.1	9.1	9.1	9.1	12.1	-8.0	7.0	-6.5	18.8	1.8
14840	ok	0.0	0.1	3.63e-03	9.1	9.1	9.1	9.1	20.3	-19.9	13.6	-3.0	12.1	3.6
14841	ok	0.0	0.2	3.89e-03	9.1	9.1	9.1	9.1	13.1	-8.2	6.4	-4.2	20.4	4.8
14842	ok	0.0	0.3	5.76e-03	9.1	9.1	9.1	9.1	-7.0	-5.9	2.6	12.8	2.8	17.2
14843	ok	0.0	0.3	4.31e-03	9.1	9.1	9.1	9.1	8.6	-6.4	0.8	8.2	-19.4	6.2
14844	ok	0.0	0.3	6.25e-03	9.1	9.1	9.1	9.1	8.9	-5.0	-2.9	-2.8	-20.8	3.4
14845	ok	0.0	0.4	5.29e-03	9.1	9.1	9.1	9.1	-0.7	-4.66e-02	-0.5	-33.1	-5.8	1.1
14846	ok	0.0	0.3	5.01e-03	9.1	9.1	9.1	9.1	-3.0	-2.0	2.0	14.1	-4.7	15.8
14847	ok	0.0	0.3	3.76e-03	9.1	9.1	9.1	9.1	-1.5	-4.2	2.2	11.1	-17.8	14.7
14848	ok	0.0	0.3	3.03e-03	9.1	9.1	9.1	9.1	0.5	-4.1	1.4	8.5	-25.5	11.7
14849	ok	0.0	0.4	2.69e-03	9.1	9.1	9.1	9.1	2.0	-4.3	0.9	6.4	-30.9	9.5
14850	ok	0.0	0.4	2.64e-03	9.1	9.1	9.1	9.1	3.5	-4.6	0.6	5.2	-32.7	7.9
14851	ok	0.0	0.4	3.14e-03	9.1	9.1	9.1	9.1	5.1	-5.0	0.5	4.9	-31.3	6.9
14852	ok	0.0	0.3	3.76e-03	9.1	9.1	9.1	9.1	6.8	-5.6	0.6	5.8	-26.9	6.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14853	ok	0.0	0.3	4.71e-03	9.1	9.1	9.1	9.1	8.8	-6.0	-0.2	5.8	-19.2	4.7
14854	ok	0.0	0.3	5.00e-03	9.1	9.1	9.1	9.1	8.8	-5.2	-1.1	1.8	-18.7	3.8
14855	ok	0.0	0.3	5.24e-03	9.1	9.1	9.1	9.1	9.0	-5.1	-2.1	-1.8	-19.1	3.8
14856	ok	0.0	0.3	5.91e-03	9.1	9.1	9.1	9.1	6.8	-4.3	-2.8	-5.4	-27.4	2.0
14857	ok	0.0	0.3	5.26e-03	9.1	9.1	9.1	9.1	4.9	-3.5	-2.6	-8.4	-31.0	1.1
14858	ok	0.0	0.4	4.57e-03	9.1	9.1	9.1	9.1	3.3	-2.7	-2.3	-11.6	-31.6	0.7
14859	ok	0.0	0.3	3.89e-03	9.1	9.1	9.1	9.1	1.8	-2.0	-2.0	-14.8	-29.8	0.5
14860	ok	0.0	0.3	3.59e-03	9.1	9.1	9.1	9.1	0.7	-1.3	-1.6	-18.2	-25.9	0.5
14861	ok	0.0	0.2	3.73e-03	9.1	9.1	9.1	9.1	-0.2	-0.7	-1.3	-21.5	-20.7	0.5
14862	ok	0.0	0.3	4.72e-03	9.1	9.1	9.1	9.1	-0.7	-0.3	-1.0	-29.0	-14.3	0.7
14863	ok	0.0	0.3	5.38e-03	9.1	9.1	9.1	9.1	-0.3	-6.95e-02	-0.3	-28.4	-5.4	6.8
14864	ok	0.0	0.3	5.45e-03	9.1	9.1	9.1	9.1	-0.2	-0.1	-3.56e-02	-19.6	-4.5	11.8
14865	ok	0.0	0.2	5.56e-03	9.1	9.1	9.1	9.1	-0.7	-0.1	0.6	-6.0	-2.9	15.3
14866	ok	0.0	0.3	4.77e-03	9.1	9.1	9.1	9.1	6.9	-4.5	-2.0	-3.9	-26.3	3.4
14867	ok	0.0	0.3	4.42e-03	9.1	9.1	9.1	9.1	7.2	-5.1	-1.2	-0.9	-26.0	4.5
14868	ok	0.0	0.3	4.11e-03	9.1	9.1	9.1	9.1	6.8	-5.1	-0.2	3.1	-26.5	5.6
14869	ok	0.0	0.3	4.27e-03	9.1	9.1	9.1	9.1	5.2	-3.8	-1.7	-6.4	-30.2	3.4
14870	ok	0.0	0.3	3.76e-03	9.1	9.1	9.1	9.1	5.5	-4.3	-0.9	-3.2	-30.2	5.2
14871	ok	0.0	0.4	3.53e-03	9.1	9.1	9.1	9.1	5.0	-4.5	-8.73e-02	1.3	-30.7	6.5
14872	ok	0.0	0.4	3.84e-03	9.1	9.1	9.1	9.1	3.6	-3.0	-1.5	-9.2	-31.1	3.6
14873	ok	0.0	0.4	3.24e-03	9.1	9.1	9.1	9.1	3.9	-3.6	-0.6	-5.3	-31.2	6.1
14874	ok	0.0	0.4	3.00e-03	9.1	9.1	9.1	9.1	4.3	-4.3	0.1	-0.4	-31.7	7.6
14875	ok	0.0	0.3	3.29e-03	9.1	9.1	9.1	9.1	2.2	-2.3	-1.2	-12.0	-29.4	4.0
14876	ok	0.0	0.4	2.85e-03	9.1	9.1	9.1	9.1	2.5	-2.9	-0.3	-7.4	-29.4	7.0
14877	ok	0.0	0.4	2.81e-03	9.1	9.1	9.1	9.1	2.9	-3.7	0.5	-1.3	-29.8	9.0
14878	ok	0.0	0.3	3.48e-03	9.1	9.1	9.1	9.1	1.0	-1.6	-0.9	-15.0	-25.5	4.4
14879	ok	0.0	0.3	3.29e-03	9.1	9.1	9.1	9.1	1.3	-2.1	-7.29e-02	-9.6	-25.1	7.9
14880	ok	0.0	0.3	3.20e-03	9.1	9.1	9.1	9.1	1.5	-3.0	0.8	-2.0	-25.0	10.5
14881	ok	0.0	0.3	3.73e-03	9.1	9.1	9.1	9.1	0.1	-0.9	-0.7	-18.1	-20.1	4.6
14882	ok	0.0	0.3	3.68e-03	9.1	9.1	9.1	9.1	0.3	-1.3	8.73e-02	-12.0	-19.0	8.4
14883	ok	0.0	0.3	3.70e-03	9.1	9.1	9.1	9.1	0.4	-2.2	1.0	-2.9	-17.7	11.5
14884	ok	0.0	0.3	4.83e-03	9.1	9.1	9.1	9.1	-0.4	-0.4	-0.5	-24.7	-13.7	5.3
14885	ok	0.0	0.3	4.94e-03	9.1	9.1	9.1	9.1	-0.4	-0.7	0.1	-16.8	-12.1	9.4
14886	ok	0.0	0.2	4.98e-03	9.1	9.1	9.1	9.1	-0.6	-1.1	1.0	-4.6	-9.4	12.7
14887	ok	0.0	0.2	4.80e-03	9.1	9.1	9.1	9.1	9.7	-7.1	1.1	10.8	-12.8	6.3
14888	ok	0.0	0.3	6.57e-03	9.1	9.1	9.1	9.1	-5.3	12.6	-7.6	-5.5	-17.8	0.9
14889	ok	0.0	0.2	5.24e-03	9.1	9.1	9.1	9.1	-10.0	20.9	-5.7	5.9	-17.5	1.8
14890	ok	0.0	0.2	5.48e-03	9.1	9.1	9.1	9.1	-11.7	23.5	9.6	4.3	-13.7	3.1
14891	ok	0.0	0.2	5.65e-03	9.1	9.1	9.1	9.1	-13.7	24.1	-4.7	-1.8	-18.2	0.9
14892	ok	0.0	0.2	5.28e-03	9.1	9.1	9.1	9.1	-7.8	18.1	-6.5	10.7	-11.3	3.7
14893	ok	0.0	0.2	6.88e-03	9.1	9.1	9.1	9.1	-4.4	11.9	-7.6	-5.2	-12.5	2.1
14894	ok	0.0	0.2	5.74e-03	9.1	9.1	9.1	9.1	-9.6	20.2	-5.4	8.1	-11.2	1.2
14895	ok	0.0	0.2	5.96e-03	9.1	9.1	9.1	9.1	-13.9	22.4	9.7	5.6	-7.6	3.0
14896	ok	0.0	0.2	6.09e-03	9.1	9.1	9.1	9.1	-14.7	22.9	11.7	3.5	-8.8	3.5
14897	ok	0.0	0.2	8.48e-03	9.1	9.1	9.1	9.1	28.4	-29.0	8.3	5.3	10.5	8.1
14898	ok	0.0	0.2	6.75e-03	9.1	9.1	9.1	9.1	18.1	-8.0	1.34e-02	18.4	7.2	2.6
14899	ok	0.0	0.2	7.05e-03	9.1	9.1	9.1	9.1	24.2	-19.4	11.3	5.6	12.4	4.8
14900	ok	0.0	0.2	6.95e-03	9.1	9.1	9.1	9.1	25.4	-23.4	11.5	3.5	10.4	5.9
14901	ok	0.0	0.3	1.02e-02	9.1	9.1	9.1	9.1	35.1	-27.8	8.8	6.7	21.3	8.4
14902	ok	0.0	0.3	7.69e-03	9.1	9.1	9.1	9.1	31.7	-23.7	11.9	4.0	18.8	7.0
14903	ok	0.0	0.3	8.18e-03	9.1	9.1	9.1	9.1	19.7	-11.2	1.6	5.2	27.4	4.7
14904	ok	0.0	0.5	7.25e-03	9.1	9.1	9.1	9.1	13.2	-5.3	1.4	30.9	42.0	-3.0
14905	ok	0.0	0.2	2.77e-03	9.1	9.1	9.1	9.1	-1.0	1.5	-10.1	2.6	-15.8	-0.7
14906	ok	0.0	0.4	4.89e-03	9.1	9.1	9.1	9.1	-2.3	-9.6	-2.8	31.6	8.3	-8.3
14907	ok	0.0	0.3	2.49e-03	9.1	9.1	9.1	9.1	4.6	-4.3	2.5	2.5	-24.4	0.4
14908	ok	0.0	0.3	2.14e-03	9.1	9.1	9.1	9.1	3.4	-4.1	1.6	4.6	-29.5	-0.8
14909	ok	0.0	0.4	2.35e-03	9.1	9.1	9.1	9.1	2.4	-3.9	0.8	7.1	-31.6	-2.2
14910	ok	0.0	0.3	2.65e-03	9.1	9.1	9.1	9.1	1.5	-3.9	9.05e-02	10.4	-30.4	-4.0
14911	ok	0.0	0.3	2.90e-03	9.1	9.1	9.1	9.1	0.8	-4.1	-0.5	15.1	-25.5	-6.3
14912	ok	0.0	0.3	3.61e-03	9.1	9.1	9.1	9.1	0.2	-5.1	-1.3	22.6	-17.2	-9.7
14913	ok	0.0	0.4	4.29e-03	9.1	9.1	9.1	9.1	-25.4	-9.5	-8.7	27.4	10.7	-8.3
14914	ok	0.0	0.2	3.05e-03	9.1	9.1	9.1	9.1	6.7	-5.3	3.1	2.2	-17.0	3.5
14915	ok	0.0	0.7	5.85e-03	9.1	9.1	9.1	9.1	-1.2	1.3	6.6	45.8	50.4	-12.0
14916	ok	0.0	0.3	2.71e-03	9.1	9.1	9.1	9.1	5.3	-4.9	2.3	3.8	-25.1	2.4
14917	ok	0.0	0.3	2.30e-03	9.1	9.1	9.1	9.1	4.0	-4.6	1.5	5.8	-30.3	1.4
14918	ok	0.0	0.4	2.42e-03	9.1	9.1	9.1	9.1	2.9	-4.5	0.8	8.8	-32.6	0.3
14919	ok	0.0	0.4	2.62e-03	9.1	9.1	9.1	9.1	2.0	-4.6	0.3	13.4	-31.5	-1.1
14920	ok	0.0	0.3	2.86e-03	9.1	9.1	9.1	9.1	1.6	-5.1	-0.3	20.2	-27.0	-2.7
14921	ok	0.0	0.4	3.68e-03	9.1	9.1	9.1	9.1	3.8	-5.2	-1.8	37.5	-17.0	-5.3
14922	ok	0.0	0.7	4.20e-03	9.1	9.1	9.1	9.1	-2.7	-4.5	-5.2	59.9	19.4	-7.9
14923	ok	0.0	0.2	3.35e-03	9.1	9.1	9.1	9.1	7.3	-5.8	2.8	4.3	-17.6	5.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14924	ok	0.0	1.0	5.43e-03	9.1	18.3	9.3	17.2	-5.1	-11.6	9.8	141.9	121.7	-31.9
14925	ok	0.0	0.3	2.92e-03	9.1	9.1	9.1	9.1	5.8	-5.3	2.0	5.2	-25.7	4.2
14926	ok	0.0	0.3	2.45e-03	9.1	9.1	9.1	9.1	4.5	-5.0	1.4	7.0	-30.9	3.3
14927	ok	0.0	0.4	2.31e-03	9.1	9.1	9.1	9.1	3.3	-4.9	0.9	10.1	-33.1	2.6
14928	ok	0.0	0.4	2.59e-03	9.1	9.1	9.1	9.1	2.3	-5.1	0.5	15.2	-32.2	2.1
14929	ok	0.0	0.3	2.76e-03	9.1	9.1	9.1	9.1	1.4	-5.8	0.4	23.1	-27.5	1.8
14930	ok	0.0	0.5	3.70e-03	9.1	9.1	9.1	9.1	2.0	-6.9	-0.3	41.0	-19.2	2.5
14931	ok	0.0	0.8	4.14e-03	9.1	9.1	9.1	9.1	-23.1	-15.3	-1.5	64.3	30.5	-10.9
14932	ok	0.0	0.3	3.87e-03	9.1	9.1	9.1	9.1	8.1	-6.4	1.9	7.4	-18.8	6.9
14933	ok	0.0	0.6	5.69e-03	9.1	9.1	9.1	9.1	-2.9	-3.8	-3.2	29.9	39.4	15.1
14934	ok	0.0	0.3	3.35e-03	9.1	9.1	9.1	9.1	6.5	-5.7	1.4	6.5	-26.6	6.0
14935	ok	0.0	0.4	2.79e-03	9.1	9.1	9.1	9.1	4.9	-5.2	1.1	7.0	-31.4	5.8
14936	ok	0.0	0.4	2.34e-03	9.1	9.1	9.1	9.1	3.6	-5.0	0.9	9.1	-33.3	6.1
14937	ok	0.0	0.4	2.58e-03	9.1	9.1	9.1	9.1	2.4	-5.1	0.9	12.8	-32.1	7.0
14938	ok	0.0	0.3	2.84e-03	9.1	9.1	9.1	9.1	1.1	-5.5	1.3	18.8	-27.1	8.6
14939	ok	0.0	0.4	3.72e-03	9.1	9.1	9.1	9.1	-0.4	-6.4	2.8	34.8	-16.7	12.2
14940	ok	0.0	0.6	4.55e-03	9.1	9.1	9.1	9.1	-27.3	-10.5	3.1	44.6	18.8	5.1
14941	ok	0.0	0.2	3.70e-03	9.1	9.1	9.1	9.1	-6.3	12.2	-7.4	3.6	-15.3	3.5
14942	ok	0.0	0.2	4.32e-03	9.1	9.1	9.1	9.1	9.2	-7.0	2.2	8.8	-12.1	7.7
14943	ok	0.0	0.2	2.96e-03	9.1	9.1	9.1	9.1	-6.6	10.0	5.6	-2.1	-11.1	2.6
14944	ok	0.0	0.2	3.28e-03	9.1	9.1	9.1	9.1	-7.3	9.5	-7.1	2.2	-14.4	2.4
14945	ok	0.0	0.2	4.05e-03	9.1	9.1	9.1	9.1	-7.5	11.3	-6.3	3.7	-9.3	4.4
14946	ok	0.0	0.2	4.78e-03	9.1	9.1	9.1	9.1	-8.9	14.8	-5.7	8.2	-10.3	5.4
14947	ok	0.0	0.4	9.74e-03	9.1	9.1	9.1	9.1	-10.8	29.2	29.6	-4.7	-28.2	-4.4
14948	ok	0.0	0.4	5.57e-03	9.1	9.1	9.1	9.1	-3.0	-4.12e-02	-0.9	-25.9	-4.9	-14.9
14949	ok	0.0	0.3	7.50e-03	9.1	9.1	9.1	9.1	-13.9	27.8	19.0	-4.2	-24.4	-1.2
14950	ok	0.0	0.4	8.69e-03	9.1	9.1	9.1	9.1	-12.8	29.6	24.1	-4.2	-26.4	-2.9
14951	ok	0.0	0.4	8.77e-03	9.1	9.1	9.1	9.1	5.7	-4.0	-5.7	-5.3	-33.5	-4.7
14952	ok	0.0	0.4	7.64e-03	9.1	9.1	9.1	9.1	3.8	-3.2	-5.2	-8.0	-35.6	-6.3
14953	ok	0.0	0.4	7.14e-03	9.1	9.1	9.1	9.1	2.0	-2.5	-4.7	-10.2	-34.9	-7.9
14954	ok	0.0	0.4	6.50e-03	9.1	9.1	9.1	9.1	0.4	-1.9	-4.1	-12.5	-31.8	-9.3
14955	ok	0.0	0.4	5.97e-03	9.1	9.1	9.1	9.1	-1.0	-1.3	-3.5	-14.8	-26.6	-10.3
14956	ok	0.0	0.3	5.38e-03	9.1	9.1	9.1	9.1	-2.0	-0.7	-2.8	-17.2	-20.0	-10.8
14957	ok	0.0	0.3	5.46e-03	9.1	9.1	9.1	9.1	-3.1	-0.3	-1.9	-22.9	-12.9	-12.1
14958	ok	0.0	0.4	4.99e-03	9.1	9.1	9.1	9.1	-2.1	-3.10e-02	-0.7	-31.7	-5.5	-10.1
14959	ok	0.0	0.4	5.14e-03	9.1	9.1	9.1	9.1	-1.3	-3.53e-02	-0.6	-34.1	-5.8	-4.7
14960	ok	0.0	0.4	7.87e-03	9.1	9.1	9.1	9.1	6.2	-4.2	-4.8	-5.5	-31.4	-2.5
14961	ok	0.0	0.3	6.84e-03	9.1	9.1	9.1	9.1	6.6	-4.2	-3.7	-5.7	-29.2	2.55e-02
14962	ok	0.0	0.4	6.91e-03	9.1	9.1	9.1	9.1	4.3	-3.3	-4.4	-8.8	-33.8	-4.1
14963	ok	0.0	0.4	6.06e-03	9.1	9.1	9.1	9.1	4.6	-3.4	-3.4	-9.1	-32.2	-1.4
14964	ok	0.0	0.4	5.97e-03	9.1	9.1	9.1	9.1	2.5	-2.5	-3.9	-11.9	-33.6	-5.4
14965	ok	0.0	0.4	5.27e-03	9.1	9.1	9.1	9.1	2.9	-2.5	-3.1	-12.4	-32.5	-2.3
14966	ok	0.0	0.4	5.79e-03	9.1	9.1	9.1	9.1	0.9	-1.8	-3.5	-14.9	-31.0	-6.4
14967	ok	0.0	0.3	4.49e-03	9.1	9.1	9.1	9.1	1.4	-1.8	-2.7	-15.7	-30.3	-3.0
14968	ok	0.0	0.3	5.22e-03	9.1	9.1	9.1	9.1	-0.3	-1.1	-2.9	-17.9	-26.5	-7.0
14969	ok	0.0	0.3	4.56e-03	9.1	9.1	9.1	9.1	0.2	-1.1	-2.3	-19.1	-26.3	-3.3
14970	ok	0.0	0.3	4.62e-03	9.1	9.1	9.1	9.1	-1.2	-0.6	-2.3	-20.9	-20.6	-7.3
14971	ok	0.0	0.3	4.01e-03	9.1	9.1	9.1	9.1	-0.6	-0.6	-1.8	-22.4	-20.8	-3.4
14972	ok	0.0	0.4	4.78e-03	9.1	9.1	9.1	9.1	-2.1	-0.2	-1.6	-28.0	-14.0	-8.2
14973	ok	0.0	0.3	4.57e-03	9.1	9.1	9.1	9.1	-1.3	-0.2	-1.3	-30.0	-14.4	-3.9
14974	ok	0.0	0.4	1.07e-02	9.1	9.1	9.1	9.1	-10.6	34.1	31.4	-3.3	-26.4	-3.6
14975	ok	0.0	0.3	8.18e-03	9.1	9.1	9.1	9.1	-13.8	31.8	19.5	-2.7	-22.0	-7.92e-02
14976	ok	0.0	0.3	9.50e-03	9.1	9.1	9.1	9.1	-12.8	34.1	25.2	-2.5	-24.7	-1.8
14977	ok	0.0	0.4	1.35e-02	9.1	9.1	9.1	9.1	28.7	-60.7	-48.3	9.9	10.4	2.8
14978	ok	0.0	0.4	1.42e-02	9.1	9.1	9.1	9.1	12.1	-3.6	-12.2	29.0	27.1	4.4
14979	ok	0.0	0.3	1.04e-02	9.1	9.1	9.1	9.1	10.0	-8.3	-6.6	14.2	-5.8	5.6
14980	ok	0.0	0.3	1.10e-02	9.1	9.1	9.1	9.1	25.5	-33.9	7.3	10.4	11.3	8.4
14981	ok	0.0	0.5	1.19e-02	9.1	9.1	9.1	9.1	9.2	-6.5	-12.0	33.1	18.2	10.4
14982	ok	0.0	0.5	1.18e-02	9.1	9.1	9.1	9.1	14.3	-4.4	-4.0	15.3	30.8	16.6
14983	ok	0.0	0.3	1.17e-02	9.1	9.1	9.1	9.1	-10.6	39.1	33.3	-1.5	-23.5	-2.6
14984	ok	0.0	0.3	1.04e-02	9.1	9.1	9.1	9.1	11.3	-7.2	-6.0	6.5	-13.3	3.0
14985	ok	0.0	0.3	8.91e-03	9.1	9.1	9.1	9.1	-14.1	28.8	16.0	5.7	-12.8	2.7
14986	ok	0.0	0.1	3.14e-03	9.1	9.1	9.1	9.1	-5.9	9.4	6.5	-3.3	-5.9	2.8
14987	ok	0.0	0.1	3.43e-03	9.1	9.1	9.1	9.1	-6.1	9.9	-6.2	2.1	-8.7	2.9
14988	ok	0.0	0.3	1.26e-02	9.1	9.1	9.1	9.1	-8.5	34.3	38.4	-3.7	-20.7	-3.3
14989	ok	0.0	0.2	1.35e-02	9.1	9.1	9.1	9.1	44.4	-47.7	-49.5	4.8	16.3	5.6
14990	ok	0.0	0.4	1.19e-02	9.1	9.1	9.1	9.1	-0.6	8.9	15.4	-13.2	-28.2	2.1
14991	ok	0.0	0.4	1.29e-02	9.1	9.1	9.1	9.1	0.2	10.6	17.0	-14.0	-24.4	6.5
14992	ok	0.0	0.4	1.20e-02	9.1	9.1	9.1	9.1	0.7	11.9	15.4	-11.8	-25.1	0.9
14993	ok	0.0	0.3	1.20e-02	9.1	9.1	9.1	9.1	-9.7	29.4	39.9	-7.2	-23.5	-2.5
14994	ok	0.0	0.3	1.29e-02	9.1	9.1	9.1	9.1	1.8	14.2	17.0	-12.6	-20.4	6.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
14995	ok	0.0	0.3	1.29e-02	9.1	9.1	9.1	9.1	0.2	17.1	15.3	-10.5	-15.0	2.7
14996	ok	0.0	0.4	1.16e-02	9.1	9.1	9.1	9.1	4.0	6.7	17.7	-13.7	-30.7	5.3
14997	ok	0.0	0.4	1.26e-02	9.1	9.1	9.1	9.1	1.6	7.4	18.4	-14.3	-27.1	6.9
14998	ok	0.0	0.4	1.04e-02	9.1	9.1	9.1	9.1	23.3	-22.6	44.1	-19.0	-33.0	3.6
14999	ok	0.0	0.4	1.23e-02	9.1	9.1	9.1	9.1	22.7	-26.7	48.4	-17.5	-30.1	0.9
15000	ok	0.0	0.4	1.10e-02	9.1	9.1	9.1	9.1	20.2	-17.4	48.4	-18.1	-34.1	4.3
15001	ok	0.0	0.4	1.11e-02	9.1	9.1	9.1	9.1	16.8	-11.8	51.4	-17.0	-34.7	4.6
15002	ok	0.0	0.4	1.17e-02	9.1	9.1	9.1	9.1	13.5	2.5	53.1	-15.8	-34.7	4.6
15003	ok	0.0	0.4	1.05e-02	9.1	9.1	9.1	9.1	-0.2	4.5	53.6	-14.7	-34.0	4.2
15004	ok	0.0	0.4	1.32e-02	9.1	9.1	9.1	9.1	19.0	-19.9	53.0	-16.8	-31.2	1.8
15005	ok	0.0	0.4	1.25e-02	9.1	9.1	9.1	9.1	15.1	-12.8	56.1	-16.0	-31.7	2.4
15006	ok	0.0	0.4	1.14e-02	9.1	9.1	9.1	9.1	6.0	3.4	57.8	-15.2	-31.7	4.9
15007	ok	0.0	0.4	1.15e-02	9.1	9.1	9.1	9.1	-1.9	4.8	57.3	-14.5	-30.9	5.0
15008	ok	0.0	0.4	1.06e-02	9.1	9.1	9.1	9.1	2.67e-02	8.6	15.7	-13.2	-32.2	2.4
15009	ok	0.0	0.4	9.84e-03	9.1	9.1	9.1	9.1	1.6	0.8	-4.7	-18.9	-32.9	6.0
15010	ok	0.0	0.4	1.03e-02	9.1	9.1	9.1	9.1	2.6	0.6	-5.3	-17.8	-33.8	6.7
15011	ok	0.0	0.4	1.08e-02	9.1	9.1	9.1	9.1	3.6	0.2	-5.9	-16.3	-34.3	6.8
15012	ok	0.0	0.4	1.13e-02	9.1	9.1	9.1	9.1	4.7	-0.2	-6.5	-14.8	-34.2	6.4
15013	ok	0.0	0.4	1.12e-02	9.1	9.1	9.1	9.1	5.7	-0.6	-7.0	-13.2	-33.4	5.3
15014	ok	0.0	0.4	1.22e-02	9.1	9.1	9.1	9.1	-7.6	34.9	38.6	-4.4	-25.5	-3.8
15015	ok	0.0	0.4	1.11e-02	9.1	9.1	9.1	9.1	-1.3	7.4	14.3	-12.3	-30.1	1.0
15016	ok	0.0	0.4	1.13e-02	9.1	9.1	9.1	9.1	-7.4	19.8	41.6	-9.1	-29.2	-2.1
15017	ok	0.0	0.4	1.13e-02	9.1	9.1	9.1	9.1	-5.9	25.6	41.5	-7.2	-26.8	-3.2
15018	ok	0.0	0.4	1.13e-02	9.1	9.1	9.1	9.1	-8.0	30.5	36.8	-5.2	-28.3	-4.4
15019	ok	0.0	0.4	1.04e-02	9.1	9.1	9.1	9.1	-5.4	12.4	42.8	-9.6	-33.7	-1.6
15020	ok	0.0	0.4	1.07e-02	9.1	9.1	9.1	9.1	-4.2	18.1	42.6	-8.5	-31.9	-3.0
15021	ok	0.0	0.4	1.10e-02	9.1	9.1	9.1	9.1	-10.2	22.5	36.6	-7.0	-30.0	-4.2
15022	ok	0.0	0.4	1.12e-02	9.1	9.1	9.1	9.1	5.2	-1.3	-6.9	-11.0	-36.3	2.7
15023	ok	0.0	0.5	3.13e-02	9.1	9.1	9.1	9.1	-120.4	-1.8	-7.1	-24.2	-1.3	8.4
15024	ok	0.0	0.5	1.93e-02	9.1	9.1	9.1	9.1	115.8	44.3	69.5	13.6	13.7	9.9
15025	ok	0.0	0.6	3.53e-02	9.1	9.1	9.1	9.1	174.5	3.3	13.8	22.0	0.3	-5.8
15026	ok	0.0	0.5	2.89e-02	9.1	9.1	9.1	9.1	-106.7	-8.3	-19.6	-22.9	-4.9	3.4
15027	ok	0.0	0.5	2.52e-02	9.1	9.1	9.1	9.1	-88.2	-12.4	-24.0	-21.5	-6.8	4.5
15028	ok	0.0	0.5	2.19e-02	9.1	9.1	9.1	9.1	141.2	37.0	67.3	14.3	8.2	10.4
15029	ok	0.0	0.6	2.07e-02	9.1	9.1	9.1	9.1	-61.8	58.2	75.7	24.5	16.9	10.7
15030	ok	0.0	0.6	3.17e-02	9.1	9.1	9.1	9.1	165.8	21.0	42.1	20.1	-0.5	7.8
15031	ok	0.0	0.6	2.65e-02	9.1	9.1	9.1	9.1	181.1	37.3	69.3	21.1	3.4	9.8
15032	ok	0.0	0.6	2.31e-02	9.1	9.1	9.1	9.1	109.9	38.0	58.1	24.0	8.7	10.7
15033	ok	0.0	0.5	2.30e-02	9.1	9.1	9.1	9.1	131.9	7.5	-3.8	-21.5	-6.1	2.0
15034	ok	0.0	0.3	1.48e-02	9.1	9.1	9.1	9.1	-58.9	-5.8	-20.4	2.1	-10.1	-8.5
15035	ok	0.0	0.4	2.84e-02	9.1	9.1	9.1	9.1	-110.8	-1.1	-5.2	-21.2	-1.3	9.7
15036	ok	0.0	0.4	2.61e-02	9.1	9.1	9.1	9.1	-103.2	-1.1	-4.1	-14.1	-1.2	10.8
15037	ok	0.0	0.5	2.41e-02	9.1	9.1	9.1	9.1	-24.1	-0.3	-2.1	-16.6	-2.0	-3.5
15038	ok	0.0	0.4	2.15e-02	9.1	9.1	9.1	9.1	39.2	-3.7	8.9	9.1	4.0	14.9
15039	ok	0.0	0.3	1.98e-02	9.1	9.1	9.1	9.1	-65.3	-5.3	-12.3	3.9	-8.2	9.7
15040	ok	0.0	0.3	1.63e-02	9.1	9.1	9.1	9.1	-55.1	-5.6	-12.5	4.5	-9.9	6.8
15041	ok	0.0	0.3	1.57e-02	9.1	9.1	9.1	9.1	-59.9	-7.3	-23.5	-3.1	-8.6	-9.3
15042	ok	0.0	0.3	1.66e-02	9.1	9.1	9.1	9.1	-57.7	-14.9	-29.3	-7.9	-7.6	-9.2
15043	ok	0.0	0.4	1.79e-02	9.1	9.1	9.1	9.1	-57.0	-11.5	-31.3	-11.0	-6.5	-10.2
15044	ok	0.0	0.4	2.31e-02	9.1	9.1	9.1	9.1	-115.5	-4.0	-12.3	-6.3	-4.3	13.2
15045	ok	0.0	0.4	2.47e-02	9.1	9.1	9.1	9.1	-94.9	-3.7	-12.2	-13.0	-4.7	11.7
15046	ok	0.0	0.4	2.67e-02	9.1	9.1	9.1	9.1	-100.7	-4.0	-14.4	-19.9	-5.0	10.8
15047	ok	0.0	0.4	2.10e-02	9.1	9.1	9.1	9.1	-104.3	-1.6	-10.2	-4.0	-5.9	11.9
15048	ok	0.0	0.4	2.23e-02	9.1	9.1	9.1	9.1	-85.0	-1.0	-9.9	-11.8	-5.5	10.7
15049	ok	0.0	0.4	2.33e-02	9.1	9.1	9.1	9.1	-84.0	-6.7	-20.3	-18.3	-7.6	5.4
15050	ok	0.0	0.3	1.74e-02	9.1	9.1	9.1	9.1	-73.1	-10.5	-25.8	-4.7	-10.2	-7.3
15051	ok	0.0	0.3	1.89e-02	9.1	9.1	9.1	9.1	-72.1	-12.2	-28.1	-8.3	-9.0	-7.9
15052	ok	0.0	0.4	2.03e-02	9.1	9.1	9.1	9.1	-75.0	-16.1	-32.3	-11.4	-9.1	-9.0
15053	ok	0.0	0.2	9.10e-03	9.1	9.1	9.1	9.1	67.6	46.5	20.0	-0.9	-4.9	2.5
15054	ok	0.0	0.2	8.50e-03	9.1	9.1	9.1	9.1	91.8	64.5	19.1	-3.0	-4.7	5.6
15055	ok	0.0	0.3	9.01e-03	9.1	9.1	9.1	9.1	62.1	91.1	-21.0	-9.1	-4.0	5.2
15056	ok	0.0	0.4	1.20e-02	9.1	9.1	9.1	9.1	31.5	149.7	-12.5	-7.9	10.3	1.5
15057	ok	0.0	0.3	2.31e-03	9.1	9.1	9.1	9.1	4.3	0.5	-4.2	-18.0	9.5	16.1
15058	ok	0.0	0.8	1.70e-02	9.1	9.1	9.1	9.1	41.9	206.9	49.7	9.7	43.5	-4.1
15059	ok	0.0	0.7	1.58e-02	9.1	9.1	9.1	9.1	60.6	115.1	68.4	13.9	45.2	-3.6
15060	ok	0.0	0.4	1.16e-02	9.1	9.1	9.1	9.1	62.1	106.0	47.1	9.2	19.0	-1.2
15061	ok	0.0	0.3	9.85e-03	9.1	9.1	9.1	9.1	70.3	89.1	31.8	4.2	4.1	1.5
15062	ok	0.0	0.6	1.30e-02	9.1	9.1	9.1	9.1	52.2	68.5	69.4	13.1	43.3	-2.3
15063	ok	0.0	0.4	1.06e-02	9.1	9.1	9.1	9.1	72.3	75.0	51.4	10.3	22.7	-1.3
15064	ok	0.0	0.3	9.45e-03	9.1	9.1	9.1	9.1	78.4	69.2	43.7	6.9	8.5	0.5
15065	ok	0.0	0.2	1.02e-02	9.1	9.1	9.1	9.1	-19.8	-22.7	-26.1	-3.4	-5.7	-1.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15066	ok	0.0	0.3	2.21e-03	9.1	9.1	9.1	9.1	1.5	-5.6	-8.8	-10.4	21.0	20.1
15067	ok	0.0	0.3	1.57e-02	9.1	9.1	9.1	9.1	179.0	17.6	78.8	-1.0	-7.1	2.5
15068	ok	0.0	0.9	2.39e-02	9.1	9.1	9.1	9.1	314.8	46.8	40.8	27.6	4.4	-3.6
15069	ok	0.0	1.0	6.09e-02	9.1	15.0	9.1	9.1	-200.1	-142.2	-14.0	104.9	19.0	4.8
15070	ok	0.0	0.9	6.96e-02	9.1	9.8	9.1	9.1	-215.0	28.0	-37.8	63.8	12.5	8.9
15071	ok	0.0	0.8	5.46e-02	9.1	9.1	9.1	9.1	203.2	21.7	-69.4	37.8	4.1	5.3
15072	ok	0.0	0.5	3.85e-02	9.1	9.1	9.1	9.1	-151.1	14.8	-36.2	27.9	2.4	7.0
15073	ok	0.0	0.4	2.85e-02	9.1	9.1	9.1	9.1	-108.0	8.7	-23.8	17.2	1.4	7.5
15074	ok	0.0	0.3	2.12e-02	9.1	9.1	9.1	9.1	42.7	-5.8	38.0	-16.7	-3.1	-3.5
15075	ok	0.0	0.3	1.61e-02	9.1	9.1	9.1	9.1	16.6	-2.0	-3.8	-7.8	-1.9	13.1
15076	ok	0.0	0.3	1.66e-02	9.1	9.1	9.1	9.1	88.5	-3.0	-17.8	0.3	3.8	1.7
15077	ok	0.0	0.3	1.79e-02	9.1	9.1	9.1	9.1	114.3	-0.8	-13.2	0.2	2.9	2.5
15078	ok	0.0	0.4	2.06e-02	9.1	9.1	9.1	9.1	154.9	16.6	-21.4	-0.9	-4.4	2.1
15079	ok	0.0	0.5	2.05e-02	9.1	9.1	9.1	9.1	279.2	34.7	-11.7	4.7	-4.4	1.0
15080	ok	0.0	0.3	1.46e-02	9.1	9.1	9.1	9.1	68.3	-2.8	-77.1	0.4	4.4	1.3
15081	ok	0.0	0.8	3.94e-02	9.1	9.1	9.1	9.1	194.8	11.5	35.4	33.0	-1.2	-6.7
15082	ok	0.0	0.4	2.11e-02	9.1	9.1	9.1	9.1	165.3	9.1	86.0	-1.3	-6.1	2.0
15083	ok	0.0	0.2	1.19e-02	9.1	9.1	9.1	9.1	26.1	-0.3	-4.6	-5.9	-1.8	11.4
15084	ok	0.0	0.4	9.14e-03	9.1	9.1	9.1	9.1	-17.2	1.0	14.8	23.7	0.2	-19.4
15085	ok	0.0	0.7	6.58e-03	9.1	9.1	9.1	9.1	16.5	4.1	11.2	55.9	-3.8	-8.1
15086	ok	0.0	0.6	5.49e-03	9.1	9.1	9.1	9.1	45.9	1.6	1.3	20.8	-3.8	32.7
15087	ok	0.0	0.3	4.86e-03	9.1	9.1	9.1	9.1	34.3	1.4	8.6	10.8	-3.4	20.4
15088	ok	0.0	0.3	4.21e-03	9.1	9.1	9.1	9.1	18.5	-2.0	6.9	-14.8	-3.6	11.3
15089	ok	0.0	0.2	3.75e-03	9.1	9.1	9.1	9.1	-5.0	-3.0	11.4	-11.1	-4.9	10.4
15090	ok	0.0	0.2	3.33e-03	9.1	9.1	9.1	9.1	-1.7	-1.1	8.9	-16.7	-4.0	-2.5
15091	ok	0.0	0.2	2.98e-03	9.1	9.1	9.1	9.1	0.4	-1.2	8.6	-14.9	-4.1	-6.5
15092	ok	0.0	0.9	4.55e-03	9.1	9.1	9.1	9.1	13.0	-8.2	10.0	74.9	-3.9	3.2
15093	ok	0.0	0.2	2.78e-03	9.1	9.1	9.1	9.1	2.0	-1.5	8.1	-12.6	-4.1	-10.4
15094	ok	0.0	0.3	2.38e-03	9.1	9.1	9.1	9.1	3.6	1.4	9.6	-9.7	-3.8	-16.4
15095	ok	0.0	0.3	2.22e-03	9.1	9.1	9.1	9.1	13.2	0.2	3.9	12.0	-7.6	-20.2
15096	ok	0.0	0.2	6.37e-04	9.1	9.1	9.1	9.1	100.9	-2.0	2.7	-0.3	4.01e-03	0.7
15097	ok	0.0	0.3	1.52e-03	9.1	9.1	9.1	9.1	7.2	-0.8	7.9	5.3	-19.4	-14.7
15098	ok	0.0	0.3	1.70e-03	9.1	9.1	9.1	9.1	6.5	-1.7	8.8	1.7	-22.8	-14.5
15099	ok	0.0	0.4	1.82e-03	9.1	9.1	9.1	9.1	4.2	-3.4	6.9	1.4	-23.2	-15.6
15100	ok	0.0	0.1	4.54e-04	9.1	9.1	9.1	9.1	49.9	-1.2	0.7	-0.4	2.29e-02	0.5
15101	ok	0.0	0.8	4.37e-02	9.1	9.1	9.1	9.1	211.5	6.4	11.1	31.8	0.8	-3.9
15102	ok	0.0	0.5	3.06e-02	9.1	9.1	9.1	9.1	-116.0	-3.3	-12.9	-23.7	-2.7	9.5
15103	ok	0.0	0.6	3.42e-02	9.1	9.1	9.1	9.1	-112.9	-4.2	-12.5	-19.4	-1.8	8.0
15104	ok	0.0	0.5	2.25e-02	9.1	9.1	9.1	9.1	127.9	6.1	1.6	-26.0	-0.6	8.3
15105	ok	0.0	0.4	2.38e-02	9.1	9.1	9.1	9.1	-23.2	-0.2	-3.8	-14.8	-4.1	-3.8
15106	ok	0.0	0.4	2.56e-02	9.1	9.1	9.1	9.1	-100.2	-1.9	-7.7	-13.7	-2.6	12.1
15107	ok	0.0	0.4	2.78e-02	9.1	9.1	9.1	9.1	-107.4	-1.9	-9.6	-20.7	-2.7	10.9
15108	ok	0.0	0.5	2.75e-02	9.1	9.1	9.1	9.1	291.0	49.4	45.9	6.8	-1.7	0.6
15109	ok	0.0	0.3	1.99e-02	9.1	9.1	9.1	9.1	176.3	42.1	20.5	-1.8	-2.2	1.5
15110	ok	0.0	0.3	1.36e-02	9.1	9.1	9.1	9.1	136.4	22.2	19.4	-5.3	-4.0	3.7
15111	ok	0.0	0.4	1.20e-02	9.1	9.1	9.1	9.1	13.1	-2.4	-10.3	-1.0	34.8	-1.5
15112	ok	0.0	0.5	1.69e-02	9.1	9.1	9.1	9.1	32.9	42.4	53.5	6.6	20.1	14.5
15113	ok	0.0	0.5	1.45e-02	9.1	9.1	9.1	9.1	-22.0	0.8	-7.3	5.0	26.6	12.0
15114	ok	0.0	0.5	1.30e-02	9.1	9.1	9.1	9.1	-8.6	-2.1	-9.9	2.6	32.8	6.5
15115	ok	0.0	0.6	1.28e-02	9.1	9.1	9.1	9.1	-1.9	-2.9	-35.8	9.0	45.3	-1.1
15116	ok	0.0	0.6	1.82e-02	9.1	9.1	9.1	9.1	-44.8	62.4	69.1	25.1	23.6	9.7
15117	ok	0.0	0.6	1.56e-02	9.1	9.1	9.1	9.1	-22.4	4.4	-12.2	16.1	34.2	15.0
15118	ok	0.0	0.6	1.40e-02	9.1	9.1	9.1	9.1	-7.5	0.3	-14.3	11.5	43.3	9.1
15119	ok	0.0	0.5	9.40e-03	9.1	9.1	9.1	9.1	-6.1	-17.2	-45.8	23.3	24.3	-6.8
15120	ok	0.0	0.3	1.33e-02	9.1	9.1	9.1	9.1	-43.2	-9.8	-20.2	4.3	-7.2	-10.5
15121	ok	0.0	0.4	1.08e-02	9.1	9.1	9.1	9.1	31.9	5.8	8.3	10.1	6.0	-13.9
15122	ok	0.0	0.8	1.57e-02	9.1	9.1	9.1	9.1	-59.8	-23.8	0.3	58.1	14.6	30.2
15123	ok	0.0	0.4	9.25e-03	9.1	9.1	9.1	9.1	69.2	16.7	24.7	-14.7	11.4	-4.0
15124	ok	0.0	0.3	9.89e-03	9.1	9.1	9.1	9.1	21.8	-6.9	-8.3	-10.6	16.0	-3.0
15125	ok	0.0	0.3	1.10e-02	9.1	9.1	9.1	9.1	17.1	-4.5	-9.6	-4.3	27.0	-1.6
15126	ok	0.0	0.3	1.36e-02	9.1	9.1	9.1	9.1	71.5	20.7	47.5	-10.4	2.6	7.5
15127	ok	0.0	0.3	1.44e-02	9.1	9.1	9.1	9.1	75.7	18.5	46.0	-8.5	6.7	10.0
15128	ok	0.0	0.4	1.56e-02	9.1	9.1	9.1	9.1	76.2	32.0	51.6	-0.4	14.8	12.7
15129	ok	0.0	0.4	1.12e-02	9.1	9.1	9.1	9.1	73.5	17.6	48.3	-13.7	5.2	5.3
15130	ok	0.0	0.3	1.21e-02	9.1	9.1	9.1	9.1	71.7	20.1	47.2	-9.7	9.3	6.8
15131	ok	0.0	0.4	1.34e-02	9.1	9.1	9.1	9.1	9.9	-1.5	-3.1	-1.4	19.2	9.2
15132	ok	0.0	0.4	9.93e-03	9.1	9.1	9.1	9.1	40.0	-2.3	12.7	-9.0	8.5	-5.6
15133	ok	0.0	0.3	1.07e-02	9.1	9.1	9.1	9.1	69.1	20.9	44.2	-10.4	11.8	3.1
15134	ok	0.0	0.4	1.19e-02	9.1	9.1	9.1	9.1	16.6	-2.8	-4.4	-3.1	24.1	3.6
15135	ok	0.0	0.4	2.54e-02	9.1	9.1	9.1	9.1	265.2	21.5	68.6	-2.1	-3.8	1.3
15136	ok	0.0	0.4	2.33e-02	9.1	9.1	9.1	9.1	188.4	11.7	74.1	-1.6	-5.3	1.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15137	ok	0.0	0.3	1.80e-02	9.1	9.1	9.1	9.1	189.4	52.1	33.6	-2.4	-4.7	3.1
15138	ok	0.0	0.3	1.73e-02	9.1	9.1	9.1	9.1	162.8	21.0	57.4	-1.8	-5.9	3.0
15139	ok	0.0	0.6	4.71e-03	9.1	9.1	9.1	9.1	-0.6	-27.6	-13.4	1.0	33.0	21.3
15140	ok	0.0	0.3	1.20e-02	9.1	9.1	9.1	9.1	138.1	65.5	18.4	-3.2	-5.8	4.8
15141	ok	0.0	0.2	1.05e-02	9.1	9.1	9.1	9.1	133.0	39.3	44.5	-1.0	-5.4	3.8
15142	ok	0.0	0.3	1.87e-02	9.1	9.1	9.1	9.1	143.0	7.9	93.5	-0.6	-6.5	1.8
15143	ok	0.0	0.3	1.65e-02	9.1	9.1	9.1	9.1	123.9	7.2	98.6	-0.5	-6.6	1.4
15144	ok	0.0	0.3	1.44e-02	9.1	9.1	9.1	9.1	107.2	6.8	102.0	-1.0	-6.6	1.1
15145	ok	0.0	0.3	1.30e-02	9.1	9.1	9.1	9.1	91.8	6.7	104.3	-1.0	-6.3	0.4
15146	ok	0.0	0.3	1.43e-02	9.1	9.1	9.1	9.1	158.1	13.2	91.5	-0.4	-7.4	1.9
15147	ok	0.0	0.3	1.28e-02	9.1	9.1	9.1	9.1	72.1	2.0	23.1	-1.9	-7.7	-7.69e-02
15148	ok	0.0	0.3	1.11e-02	9.1	9.1	9.1	9.1	74.3	2.4	27.6	-2.0	-7.6	7.02e-02
15149	ok	0.0	0.3	1.06e-02	9.1	9.1	9.1	9.1	78.4	3.3	30.9	-2.3	-7.3	0.3
15150	ok	0.0	0.2	9.56e-03	9.1	9.1	9.1	9.1	-17.9	-18.4	-23.0	-3.6	-6.8	-1.1
15151	ok	0.0	0.2	8.89e-03	9.1	9.1	9.1	9.1	-5.7	-11.7	-23.1	-3.7	-7.5	-0.8
15152	ok	0.0	0.2	7.83e-03	9.1	9.1	9.1	9.1	4.7	-5.4	-22.4	-3.7	-7.7	-0.6
15153	ok	0.0	0.2	8.56e-03	9.1	9.1	9.1	9.1	38.1	-0.6	8.4	-3.1	-8.2	-0.4
15154	ok	0.0	0.8	2.39e-02	9.1	9.1	9.1	9.1	-92.2	91.0	97.4	56.3	24.1	11.9
15155	ok	0.0	0.3	2.25e-02	9.1	9.1	9.1	9.1	110.7	-28.8	-31.1	-9.5	-9.2	6.0
15156	ok	0.0	0.4	2.86e-02	9.1	9.1	9.1	9.1	-4.8	-4.2	-62.1	2.4	7.4	-1.9
15157	ok	0.0	0.4	2.72e-02	9.1	9.1	9.1	9.1	114.3	62.5	139.8	4.8	10.4	-0.4
15158	ok	0.0	0.7	2.76e-02	9.1	9.1	9.1	9.1	167.8	53.1	130.2	36.6	19.2	-7.1
15159	ok	0.0	1.0	3.20e-02	9.1	10.4	9.1	9.5	-138.3	171.0	117.8	86.7	44.8	5.3
15160	ok	0.0	0.7	1.63e-02	9.1	9.1	9.1	9.1	-61.1	92.7	82.5	59.4	31.2	6.2
15161	ok	0.0	0.8	1.31e-02	9.1	9.1	9.1	9.1	-38.3	92.1	-44.4	59.6	38.0	13.7
15162	ok	0.0	0.9	1.34e-02	9.1	9.1	9.1	10.9	-13.9	-15.4	-78.4	48.7	79.5	23.8
15163	ok	0.0	0.9	2.71e-02	9.1	9.1	9.1	9.1	-76.4	163.1	72.4	77.7	34.3	6.0
15164	ok	0.0	0.5	2.58e-02	9.1	9.1	9.1	9.1	60.7	90.4	63.8	8.4	3.0	4.2
15165	ok	0.0	0.4	2.49e-02	9.1	9.1	9.1	9.1	25.1	50.7	-1.6	0.8	-4.7	-0.8
15166	ok	0.0	0.4	2.96e-02	9.1	9.1	9.1	9.1	17.6	15.1	-1.1	-1.7	-4.0	-2.1
15167	ok	0.0	0.3	2.49e-02	9.1	9.1	9.1	9.1	54.3	-11.0	-31.6	-11.3	-7.0	3.4
15168	ok	0.0	0.8	1.97e-02	9.1	9.1	9.1	9.1	-31.6	134.9	-36.8	65.7	26.2	12.8
15169	ok	0.0	0.5	2.19e-02	9.1	9.1	9.1	9.1	39.8	76.0	65.4	10.8	6.8	2.4
15170	ok	0.0	0.5	2.37e-02	9.1	9.1	9.1	9.1	33.0	88.2	60.8	7.9	11.6	1.4
15171	ok	0.0	0.2	2.05e-03	9.1	9.1	9.1	9.1	0.3	-9.2	2.4	-2.7	-5.8	-12.7
15172	ok	0.0	0.4	3.33e-02	9.1	9.1	9.1	9.1	25.5	98.7	69.8	5.3	6.9	1.0
15173	ok	0.0	0.4	2.71e-02	9.1	9.1	9.1	9.1	34.4	170.5	-29.7	-18.1	0.8	-7.29e-02
15174	ok	0.0	0.3	7.88e-03	9.1	9.1	9.1	9.1	30.3	2.0	0.3	22.6	1.8	-5.4
15175	ok	0.0	0.2	1.10e-02	9.1	9.1	9.1	9.1	24.7	-2.4	-1.6	-10.1	-0.9	6.7
15176	ok	0.0	0.6	4.41e-03	9.1	9.1	9.1	9.1	31.1	-2.4	-0.1	51.6	-1.1	-4.7
15177	ok	0.0	0.2	1.73e-03	9.1	9.1	9.1	9.1	-9.1	-2.8	-1.2	-15.7	-7.49e-02	-3.1
15178	ok	0.0	0.4	2.86e-03	9.1	9.1	9.1	9.1	27.5	-1.3	3.7	34.6	2.3	6.5
15179	ok	0.0	0.2	2.16e-03	9.1	9.1	9.1	9.1	-11.7	-2.8	-1.1	-17.4	2.55e-02	-2.7
15180	ok	0.0	0.2	2.64e-03	9.1	9.1	9.1	9.1	-14.5	-2.7	-1.0	-18.5	-9.24e-02	-2.4
15181	ok	0.0	0.2	3.16e-03	9.1	9.1	9.1	9.1	-15.0	-2.7	-0.9	-19.2	0.2	-1.9
15182	ok	0.0	0.2	3.42e-03	9.1	9.1	9.1	9.1	3.7	2.6	-1.7	-17.3	-1.2	-1.0
15184	ok	0.0	0.9	1.34e-02	9.1	9.7	9.1	16.5	-53.9	138.6	-92.6	70.6	111.0	28.6
15185	ok	0.0	0.8	1.98e-02	9.1	9.1	9.1	9.1	32.7	-6.3	29.6	14.8	30.7	-3.4
15186	ok	0.0	0.7	2.16e-02	9.1	9.1	9.1	9.1	24.9	85.0	49.5	8.9	23.7	2.4
15187	ok	0.0	0.2	2.35e-03	9.1	9.1	9.1	9.1	-0.9	-12.4	3.7	-9.5	2.0	14.9
15188	ok	0.0	0.8	3.37e-02	9.1	9.1	9.1	9.1	20.4	115.4	49.9	7.6	23.7	4.8
15189	ok	0.0	0.9	3.00e-02	9.1	9.1	9.1	10.4	11.5	333.2	4.0	-18.1	47.3	-8.1
15190	ok	0.0	1.0	6.95e-03	12.4	16.1	11.0	20.9	1.0	-41.6	-12.3	51.2	125.1	75.8
15191	ok	0.0	0.9	3.57e-02	9.1	9.1	9.1	9.1	173.4	10.3	40.1	38.7	-4.4	-6.3
15192	ok	0.0	0.8	2.87e-02	9.1	9.1	9.1	9.1	141.8	23.4	65.0	39.7	-6.7	1.9
15193	ok	0.0	0.9	2.33e-02	9.1	9.1	9.1	9.1	144.0	71.5	110.9	43.6	14.7	11.6
15194	ok	0.0	0.9	3.67e-02	9.1	9.1	9.1	9.1	187.5	13.5	57.2	47.0	-7.5	1.1
15195	ok	0.0	0.4	7.44e-03	9.1	9.1	9.1	9.1	11.4	-6.8	-34.1	4.0	24.6	-9.9
15196	ok	0.0	0.4	7.83e-03	9.1	9.1	9.1	9.1	12.6	-8.1	-33.3	13.2	27.5	-11.4
15197	ok	0.0	0.4	8.32e-03	9.1	9.1	9.1	9.1	11.9	-6.1	-36.1	2.6	30.3	-9.2
15198	ok	0.0	0.4	1.12e-02	9.1	9.1	9.1	9.1	3.1	-4.8	-36.3	1.1	33.8	-5.2
15199	ok	0.0	0.5	1.08e-02	9.1	9.1	9.1	9.1	0.9	-5.0	-39.2	10.2	42.6	-6.9
15200	ok	0.0	0.5	9.08e-03	9.1	9.1	9.1	9.1	10.2	-7.5	-37.3	13.3	35.7	-11.4
15201	ok	0.0	0.3	6.24e-03	9.1	9.1	9.1	9.1	-5.9	14.9	-40.7	-7.2	14.5	-5.6
15202	ok	0.0	0.3	7.30e-03	9.1	9.1	9.1	9.1	10.2	-6.0	-36.2	-4.1	23.2	-8.3
15203	ok	0.0	0.3	5.66e-03	9.1	9.1	9.1	9.1	10.5	-4.4	-33.8	-10.0	18.9	-6.4
15204	ok	0.0	0.3	5.72e-03	9.1	9.1	9.1	9.1	-3.6	20.2	-40.7	-12.6	12.8	-7.3
15205	ok	0.0	0.3	6.41e-03	9.1	9.1	9.1	9.1	27.8	15.6	-44.6	-11.3	14.8	-5.9
15206	ok	0.0	0.5	1.25e-02	9.1	9.1	9.1	9.1	70.1	17.5	-33.8	-30.9	10.7	-7.0
15207	ok	0.0	0.4	9.22e-03	9.1	9.1	9.1	9.1	40.4	-6.9	-31.9	-15.8	16.5	-5.2
15208	ok	0.0	0.3	6.12e-03	9.1	9.1	9.1	9.1	29.4	18.7	-40.9	-17.2	13.3	-8.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15209	ok	0.0	0.3	9.45e-03	9.1	9.1	9.1	9.1	19.1	-6.7	-30.9	-11.0	19.1	-5.2
15210	ok	0.0	0.3	7.05e-03	9.1	9.1	9.1	9.1	13.6	-5.6	-32.9	-11.3	19.5	-6.8
15211	ok	0.0	0.3	1.04e-02	9.1	9.1	9.1	9.1	15.3	-5.5	-19.0	-4.7	27.2	-5.5
15212	ok	0.0	0.4	7.66e-03	9.1	9.1	9.1	9.1	6.0	-5.1	-21.7	-4.3	26.1	-7.7
15213	ok	0.0	0.9	3.72e-02	9.1	9.1	9.1	9.1	196.3	16.7	76.2	35.5	3.6	8.4
15214	ok	0.0	0.7	3.78e-02	9.1	9.1	9.1	9.1	296.6	19.2	137.6	12.1	3.8	4.2
15215	ok	0.0	0.6	3.82e-02	9.1	9.1	9.1	9.1	304.2	31.4	156.9	2.1	-6.0	-1.7
15216	ok	0.0	0.3	2.47e-03	9.1	9.1	9.1	9.1	-0.8	-15.0	3.0	-9.1	-3.8	19.3
15217	ok	0.0	0.6	3.74e-02	9.1	9.1	9.1	9.1	284.1	41.2	38.4	10.2	-0.3	-0.3
15218	ok	0.0	0.8	3.14e-02	9.1	9.1	9.1	9.1	153.5	48.5	70.1	42.7	-9.2	0.4
15219	ok	0.0	0.3	4.74e-03	9.1	9.1	9.1	9.1	-8.25e-04	-31.1	7.85e-03	5.09e-02	-31.3	4.4
15220	ok	0.0	0.7	3.24e-02	9.1	9.1	9.1	9.1	207.3	62.6	115.2	32.8	1.3	-2.0
15221	ok	0.0	0.4	2.58e-03	9.1	9.1	9.1	9.1	-0.6	-16.5	3.2	-8.2	-10.8	23.7
15222	ok	0.0	0.6	3.21e-02	9.1	9.1	9.1	9.1	163.2	41.2	101.1	16.2	3.3	-2.6
15223	ok	0.0	0.5	3.11e-02	9.1	9.1	9.1	9.1	-69.7	-16.4	-57.6	-2.7	-3.1	-2.7
15224	ok	0.0	0.5	2.84e-02	9.1	9.1	9.1	9.1	-80.2	48.9	-20.9	7.1	1.2	-1.4
15225	ok	0.0	0.3	1.91e-03	9.1	9.1	9.1	9.1	1.7	-6.5	4.0	0.5	-17.4	-16.2
15226	ok	0.0	0.9	3.13e-02	9.1	9.1	9.1	9.1	182.8	95.3	92.8	50.4	9.5	1.4
15227	ok	0.0	0.7	2.58e-02	9.1	9.1	9.1	9.1	164.3	69.0	135.3	37.5	11.9	-10.0
15228	ok	0.0	0.2	8.41e-05	9.1	9.1	9.1	9.1	12.5	1.0	1.5	18.3	-1.4	-1.4
15229	ok	0.0	0.5	2.58e-02	9.1	9.1	9.1	9.1	186.0	74.5	133.9	11.6	9.1	-3.3
15230	ok	0.0	0.5	2.49e-02	9.1	9.1	9.1	9.1	-39.6	-18.9	-62.2	2.0	5.9	-2.4
15231	ok	0.0	0.5	1.56e-03	9.1	9.1	9.1	9.1	-9.1	11.3	-4.8	35.6	-16.3	20.5
15232	ok	0.0	0.4	2.14e-02	9.1	9.1	9.1	9.1	-53.3	7.2	-34.8	8.2	1.5	-0.9
15233	ok	0.0	0.3	1.75e-02	9.1	9.1	9.1	9.1	-80.7	-3.3	4.9	-0.5	3.49e-02	-1.0
15234	ok	0.0	0.1	5.17e-04	9.1	9.1	9.1	9.1	96.9	2.2	-3.0	0.3	-6.35e-02	0.4
15235	ok	0.0	0.2	2.77e-03	9.1	9.1	9.1	9.1	110.8	2.2	-3.1	0.3	-6.59e-02	0.6
15236	ok	0.0	0.4	7.06e-03	9.1	9.1	9.1	9.1	-11.3	-29.4	8.2	-12.3	-34.5	-4.4
15237	ok	0.0	0.2	7.04e-03	9.1	9.1	9.1	9.1	126.8	2.3	-3.4	0.3	-6.75e-02	0.8
15238	ok	0.0	0.3	1.18e-02	9.1	9.1	9.1	9.1	-52.9	-2.7	3.9	-0.4	5.22e-02	-0.9
15239	ok	0.0	0.8	5.31e-02	9.1	9.1	9.1	9.1	530.4	24.2	-32.4	7.2	0.2	0.4
15240	ok	0.0	0.2	1.38e-03	9.1	9.1	9.1	9.1	-7.2	-2.0	-2.0	-12.8	-0.7	-4.7
15241	ok	0.0	0.2	1.57e-03	9.1	9.1	9.1	9.1	-7.3	-2.9	-1.5	-13.4	0.3	-3.3
15242	ok	0.0	9.38e-02	2.16e-03	9.1	9.1	9.1	9.1	-0.9	-9.6	2.9	-7.2	4.8	-2.9
15243	ok	0.0	0.4	2.48e-02	9.1	9.1	9.1	9.1	-76.6	2.9	4.8	-0.5	-3.02e-02	-1.1
15244	ok	0.0	0.5	3.59e-02	9.1	9.1	9.1	9.1	-249.0	-11.8	18.2	-2.1	-0.3	-1.2
15245	ok	0.0	1.0	5.13e-02	9.1	9.9	9.1	9.1	229.2	5.3	18.9	48.1	1.4	-8.02e-02
15246	ok	0.0	0.5	3.16e-02	9.1	9.1	9.1	9.1	-122.4	-1.8	-2.4	-24.0	-0.6	3.7
15247	ok	0.0	0.9	4.81e-02	9.1	9.1	9.1	9.1	554.5	-1.4	-34.3	8.4	0.9	1.1
15248	ok	0.0	0.5	7.03e-03	9.1	9.1	9.1	9.1	-9.1	-24.9	1.7	-9.6	-43.3	-6.0
15249	ok	0.0	0.7	4.56e-02	9.1	9.1	9.1	9.1	449.2	14.7	17.0	4.2	0.4	-9.79e-02
15250	ok	0.0	0.5	5.71e-03	9.1	9.1	9.1	9.1	-22.0	-3.7	8.1	-41.9	-36.9	-2.4
15251	ok	0.0	0.6	3.40e-02	9.1	9.1	9.1	9.1	234.5	-0.6	2.9	5.5	0.6	3.0
15252	ok	0.0	0.9	3.40e-02	9.1	9.4	9.1	9.1	260.8	-10.0	18.0	37.3	1.1	4.0
15253	ok	0.0	1.0	4.61e-02	9.1	12.2	9.1	9.1	264.1	-4.7	18.5	65.6	3.8	1.1
15254	ok	0.0	0.6	3.40e-02	9.1	9.1	9.1	9.1	354.3	29.1	72.2	7.5	-4.0	0.3
15255	ok	0.0	0.5	3.23e-02	9.1	9.1	9.1	9.1	-197.2	-11.9	-77.4	-1.2	2.8	-2.9
15260	ok	0.0	0.6	3.56e-02	9.1	9.1	9.1	9.1	175.2	1.6	4.5	22.2	0.7	-3.4
15262	ok	0.0	0.6	2.23e-02	9.1	9.1	9.1	9.1	105.2	-5.3	-8.6	-30.7	-5.2	-5.8
15263	ok	0.0	0.4	2.88e-02	9.1	9.1	9.1	9.1	-113.0	-1.3	-2.0	-21.0	-0.7	4.0
15265	ok	0.0	0.4	2.64e-02	9.1	9.1	9.1	9.1	-105.0	-1.0	-1.7	-13.9	-0.6	4.2
15268	ok	0.0	0.4	2.47e-02	9.1	9.1	9.1	9.1	-24.2	0.4	-1.5	-16.7	-1.5	-3.9
15270	ok	0.0	0.6	8.48e-03	9.1	9.1	9.1	9.1	-4.7	-42.4	-6.5	-5.0	-53.0	-16.3
15273	ok	0.0	0.6	9.80e-03	9.1	9.1	9.1	9.1	-7.0	-41.0	0.3	4.5	-54.6	-8.6
15279	ok	0.0	1.0	1.72e-02	17.5	22.5	13.0	25.6	-106.1	-9.2	-9.2	109.6	111.8	94.4
15280	ok	0.0	0.7	9.33e-03	9.1	9.1	9.1	9.1	-4.9	-45.2	-3.5	-2.6	-62.6	-12.6
15281	ok	0.0	0.2	1.36e-02	9.1	9.1	9.1	9.1	61.1	-6.6	-21.2	8.9	-11.4	5.9
15282	ok	0.0	0.5	1.97e-02	9.1	9.1	9.1	9.1	-82.3	-20.7	4.1	25.4	31.8	11.7
15283	ok	0.0	0.3	1.83e-02	9.1	9.1	9.1	9.1	2.7	-3.4	2.4	8.6	-11.8	7.2
15285	ok	0.0	0.2	1.48e-02	9.1	9.1	9.1	9.1	2.3	-2.2	4.7	7.2	-14.6	4.6
15286	ok	0.0	0.9	1.67e-02	9.1	9.1	12.5	12.9	-69.3	-14.2	1.3	46.7	108.8	-16.1
15287	ok	0.0	0.7	1.18e-02	9.1	9.1	9.1	9.1	-8.4	-24.1	-54.7	36.0	20.2	-10.4
15288	ok	0.0	0.8	2.47e-02	9.1	9.1	9.1	9.1	80.4	32.1	-0.1	-49.4	1.4	17.7
15289	ok	0.0	0.6	9.79e-03	9.1	9.1	9.1	9.1	-0.8	-47.3	-4.6	-2.5	-54.6	-19.8
15290	ok	0.0	0.8	1.31e-02	9.1	9.1	9.1	9.1	-26.9	1.8	47.6	19.1	70.1	-11.8
15291	ok	0.0	0.9	2.19e-02	13.2	9.1	9.1	9.1	88.9	32.3	-3.2	-79.4	-26.5	19.1
15293	ok	0.0	0.5	2.27e-02	9.1	9.1	9.1	9.1	39.9	-24.3	9.1	22.1	15.4	10.3
15294	ok	0.0	0.4	2.01e-02	9.1	9.1	9.1	9.1	-72.2	-2.4	6.6	16.0	12.9	12.0
15295	ok	0.0	0.6	5.07e-03	9.1	9.1	9.1	9.1	-22.2	-1.0	5.6	-52.3	-43.2	2.6
15296	ok	0.0	0.7	1.10e-02	9.1	9.1	9.1	9.1	-2.2	-54.0	-8.8	-0.8	-70.1	-14.9
15297	ok	0.0	0.3	1.89e-02	9.1	9.1	9.1	9.1	-64.6	-5.8	-4.3	10.2	2.5	12.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15298	ok	0.0	0.6	1.00e-02	9.1	9.1	9.1	9.1	1.8	-49.8	-6.7	-2.7	-55.1	-20.6
15299	ok	0.0	0.9	1.64e-02	9.1	9.1	9.6	10.1	-21.1	-1.2	45.2	21.0	85.1	-12.8
15300	ok	0.0	0.2	1.54e-02	9.1	9.1	9.1	9.1	-56.5	-5.7	-13.5	7.2	-10.9	6.8
15301	ok	0.0	0.2	1.40e-02	9.1	9.1	9.1	9.1	-70.8	-8.5	-23.4	7.3	-10.5	5.2
15302	ok	0.0	0.3	1.28e-02	9.1	9.1	9.1	9.1	-47.0	-16.9	-22.3	10.9	-7.9	-7.5
15303	ok	0.0	0.8	1.19e-02	9.1	9.1	9.1	9.1	4.0	-12.4	-12.3	-2.2	-73.4	-16.0
15304	ok	0.0	0.5	3.26e-03	9.1	9.1	9.1	9.1	2.48e-02	-21.9	3.6	-4.4	-26.8	30.6
15305	ok	0.0	0.5	1.26e-02	9.1	9.1	9.1	9.1	48.7	1.8	7.2	22.0	15.9	-10.0
15307	ok	0.0	0.3	7.85e-04	9.1	9.1	9.1	9.1	2.1	4.4	-3.1	-2.4	-5.0	11.8
15308	ok	0.0	0.2	4.34e-04	9.1	9.1	9.1	9.1	0.3	1.9	0.2	0.2	-4.4	-0.5
15310	ok	0.0	0.4	7.84e-03	9.1	9.1	9.1	9.1	-1.3	4.7	-1.3	33.9	-1.2	-2.7
15311	ok	0.0	0.4	8.82e-03	9.1	9.1	9.1	9.1	27.0	-31.3	33.2	-18.4	-27.4	0.9
15312	ok	0.0	0.3	6.22e-03	9.1	9.1	9.1	9.1	1.6	-3.7	-5.1	16.5	-12.7	-12.7
15313	ok	0.0	0.3	1.04e-02	9.1	9.1	9.1	9.1	-5.6	12.7	-3.7	-16.8	-24.1	-2.1
15314	ok	0.0	0.5	7.03e-03	9.1	9.1	9.1	9.1	0.5	-2.2	-8.2	31.1	27.3	-12.5
15315	ok	0.0	0.3	6.78e-03	9.1	9.1	9.1	9.1	1.7	-4.2	-1.1	18.5	-14.9	-8.7
15316	ok	0.0	0.3	6.81e-03	9.1	9.1	9.1	9.1	3.0	-2.6	-1.0	14.4	-13.3	-2.2
15317	ok	0.0	0.3	6.72e-03	9.1	9.1	9.1	9.1	-29.9	26.5	-11.1	-4.6	-21.2	1.3
15318	ok	0.0	0.3	7.36e-03	9.1	9.1	9.1	9.1	-29.3	31.2	-11.1	-9.4	-22.3	1.4
15319	ok	0.0	0.3	8.06e-03	9.1	9.1	9.1	9.1	28.5	-31.0	27.8	-17.2	-25.8	0.5
15320	ok	0.0	0.6	6.38e-03	9.1	9.1	9.1	9.1	1.4	-5.8	2.3	30.3	-11.7	-22.4
15321	ok	0.0	0.3	7.49e-03	9.1	9.1	9.1	9.1	0.8	-2.4	1.4	28.0	26.2	-2.7
15322	ok	0.0	0.2	7.87e-03	9.1	9.1	9.1	9.1	32.5	-30.6	7.9	5.2	10.4	-3.0
15323	ok	0.0	0.2	7.95e-03	9.1	9.1	9.1	9.1	-6.5	11.7	-1.6	-11.6	-14.1	-2.2
15324	ok	0.0	0.3	9.51e-03	9.1	9.1	9.1	9.1	-5.7	12.9	-3.3	-16.0	-22.1	-2.6
15325	ok	0.0	0.4	1.01e-02	9.1	9.1	9.1	9.1	25.9	-26.8	38.7	-19.5	-31.5	2.7
15326	ok	0.0	0.4	9.59e-03	9.1	9.1	9.1	9.1	27.7	-29.7	32.7	-19.2	-29.6	1.7
15327	ok	0.0	0.4	1.18e-02	9.1	9.1	9.1	9.1	25.9	-32.4	42.3	-17.8	-28.6	-8.75e-02
15328	ok	0.0	0.4	1.13e-02	9.1	9.1	9.1	9.1	28.3	-36.4	35.1	-17.7	-26.5	-1.2
15329	ok	0.0	0.4	8.52e-03	9.1	9.1	9.1	9.1	27.3	-26.3	31.5	-19.0	-29.0	1.6
15330	ok	0.0	0.4	8.98e-03	9.1	9.1	9.1	9.1	27.9	-25.0	31.1	-19.9	-30.7	2.5
15331	ok	0.0	0.4	9.44e-03	9.1	9.1	9.1	9.1	0.8	1.0	-4.0	-19.6	-31.5	4.9
15332	ok	0.0	0.3	7.88e-03	9.1	9.1	9.1	9.1	12.2	-13.6	-27.4	17.9	19.9	-8.2
15333	ok	0.0	0.3	6.90e-03	9.1	9.1	9.1	9.1	9.1	-7.5	-29.9	3.8	19.7	-8.0
15334	ok	0.0	0.4	7.39e-03	9.1	9.1	9.1	9.1	10.4	-10.4	-30.1	10.9	22.5	-9.0
15335	ok	0.0	0.2	5.40e-03	9.1	9.1	9.1	9.1	2.3	-3.6	-30.9	-3.3	18.5	-3.9
15336	ok	0.0	0.2	4.97e-03	9.1	9.1	9.1	9.1	4.7	-2.0	-33.6	-7.0	18.6	-4.5
15337	ok	0.0	0.2	5.40e-03	9.1	9.1	9.1	9.1	6.0	-2.8	-33.6	-8.3	17.8	-5.8
15338	ok	0.0	0.3	6.37e-03	9.1	9.1	9.1	9.1	7.0	-5.2	-34.0	-5.5	18.4	-6.9
15339	ok	0.0	0.2	6.11e-04	9.1	9.1	9.1	9.1	44.6	4.6	-2.0	-13.3	0.4	-2.2
15340	ok	0.0	0.8	9.10e-03	9.1	9.1	9.1	9.1	-2.2	-1.2	-4.1	63.2	-8.6	14.4
15341	ok	0.0	0.2	4.67e-04	9.1	9.1	9.1	9.1	26.6	-2.1	1.6	-14.4	2.2	-0.6
15342	ok	0.0	0.9	5.30e-03	9.1	11.2	9.1	9.1	-4.1	2.3	5.6	90.2	-5.4	-18.2
15354	ok	0.0	0.7	4.97e-03	9.1	9.1	9.1	9.1	15.1	-5.28e-04	-10.5	-38.7	-12.0	31.5
15360	ok	0.0	0.2	6.55e-03	9.1	9.1	9.1	9.1	-2.5	4.2	-1.0	15.4	-0.5	6.1
15361	ok	0.0	0.5	9.87e-03	9.1	9.1	9.1	9.1	0.5	0.4	-4.0	-20.4	-36.7	6.8
15362	ok	0.0	0.5	1.03e-02	9.1	9.1	9.1	9.1	1.4	0.1	-4.6	-18.8	-37.7	7.3
15363	ok	0.0	0.5	1.06e-02	9.1	9.1	9.1	9.1	2.4	-0.2	-5.2	-16.8	-38.3	7.2
15364	ok	0.0	0.5	1.11e-02	9.1	9.1	9.1	9.1	3.3	-0.6	-5.8	-14.8	-38.4	6.4
15365	ok	0.0	0.4	1.09e-02	9.1	9.1	9.1	9.1	4.3	-1.0	-6.4	-12.7	-37.8	4.8
15366	ok	0.0	0.4	8.74e-03	9.1	9.1	9.1	9.1	-1.6	0.5	-2.6	-20.2	-32.4	3.2
15367	ok	0.0	0.4	9.15e-03	9.1	9.1	9.1	9.1	-1.0	0.6	-3.0	-21.3	-33.9	4.5
15368	ok	0.0	0.4	9.53e-03	9.1	9.1	9.1	9.1	-0.3	0.6	-3.5	-21.3	-35.4	5.8
15369	ok	0.0	0.3	5.91e-03	9.1	9.1	9.1	9.1	-0.8	-3.2	-3.3	8.7	-21.5	-10.6
15370	ok	0.0	0.3	6.06e-03	9.1	9.1	9.1	9.1	-0.3	-3.3	-2.4	10.6	-22.1	-7.0
15371	ok	0.0	0.3	6.42e-03	9.1	9.1	9.1	9.1	1.18e-02	-2.4	-1.6	6.2	-22.0	-2.3
15372	ok	0.0	0.3	6.90e-03	9.1	9.1	9.1	9.1	-30.7	26.4	-11.1	-6.1	-26.2	0.9
15373	ok	0.0	0.3	7.60e-03	9.1	9.1	9.1	9.1	-9.3	8.4	-1.3	-12.8	-24.6	0.4
15374	ok	0.0	0.4	8.16e-03	9.1	9.1	9.1	9.1	28.5	-26.1	26.9	-17.8	-27.9	1.3
15375	ok	0.0	0.4	6.73e-03	9.1	9.1	9.1	9.1	-2.2	-2.7	-2.8	5.2	-29.3	-9.6
15376	ok	0.0	0.4	6.89e-03	9.1	9.1	9.1	9.1	-1.7	-2.7	-2.2	5.5	-29.9	-7.0
15377	ok	0.0	0.4	7.15e-03	9.1	9.1	9.1	9.1	-11.8	8.1	1.3	-4.8	-28.3	-2.4
15378	ok	0.0	0.4	7.48e-03	9.1	9.1	9.1	9.1	-12.1	7.9	-2.1	-9.3	-28.3	-0.8
15379	ok	0.0	0.4	7.97e-03	9.1	9.1	9.1	9.1	-34.0	23.8	-11.5	-11.7	-29.2	1.3
15380	ok	0.0	0.4	8.44e-03	9.1	9.1	9.1	9.1	-1.9	0.3	-2.3	-18.5	-31.4	2.4
15381	ok	0.0	0.4	8.99e-03	9.1	9.1	9.1	9.1	-2.5	0.3	-2.3	-21.8	-35.5	3.7
15382	ok	0.0	0.4	7.47e-03	9.1	9.1	9.1	9.1	-3.4	-2.4	-2.4	3.1	-34.4	-9.0
15383	ok	0.0	0.4	7.58e-03	9.1	9.1	9.1	9.1	-3.0	-2.4	-2.0	2.1	-34.8	-7.1
15384	ok	0.0	0.4	7.78e-03	9.1	9.1	9.1	9.1	-3.5	-2.0	-1.7	-2.3	-34.7	-4.2
15385	ok	0.0	0.4	8.02e-03	9.1	9.1	9.1	9.1	-3.4	-1.2	-1.6	-8.0	-34.2	-1.7
15386	ok	0.0	0.4	8.38e-03	9.1	9.1	9.1	9.1	-3.3	-0.6	-1.7	-13.6	-34.0	0.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15387	ok	0.0	0.4	8.74e-03	9.1	9.1	9.1	9.1	-2.8	0.1	-2.1	-20.2	-34.9	2.7
15388	ok	0.0	0.5	9.88e-03	9.1	9.1	9.1	9.1	-0.5	9.31e-02	-3.5	-21.5	-39.2	7.6
15389	ok	0.0	0.4	9.32e-03	9.1	9.1	9.1	9.1	-2.0	0.4	-2.6	-22.9	-36.7	5.2
15390	ok	0.0	0.5	9.62e-03	9.1	9.1	9.1	9.1	-1.3	0.3	-3.0	-22.8	-37.9	6.5
15391	ok	0.0	0.5	1.79e-02	9.1	9.1	9.1	9.1	-17.9	-3.90e-02	8.62e-02	-40.0	-5.0	20.6
15392	ok	0.0	0.6	2.03e-02	9.1	9.1	9.1	9.1	-17.8	6.30e-03	-1.46e-03	-55.4	-6.5	4.3
15393	ok	0.0	0.5	1.61e-02	9.1	9.1	9.1	9.1	-16.2	-0.3	0.3	-37.2	-13.4	16.5
15394	ok	0.0	0.4	1.28e-02	9.1	9.1	9.1	9.1	-11.7	-0.6	0.3	-29.6	-21.2	14.5
15395	ok	0.0	0.5	1.19e-02	9.1	9.1	9.1	9.1	-9.7	-0.8	-1.89e-02	-27.8	-28.6	13.9
15396	ok	0.0	0.5	1.12e-02	9.1	9.1	9.1	9.1	-7.6	-1.0	-0.6	-26.3	-34.8	12.9
15397	ok	0.0	0.5	1.07e-02	9.1	9.1	9.1	9.1	-5.7	-0.9	-1.2	-25.0	-39.1	11.5
15398	ok	0.0	0.5	1.03e-02	9.1	9.1	9.1	9.1	-3.9	-0.7	-1.9	-23.9	-41.3	10.1
15399	ok	0.0	0.5	1.01e-02	9.1	9.1	9.1	9.1	-2.2	-0.3	-2.7	-22.8	-41.3	8.8
15400	ok	0.0	0.4	9.49e-03	9.1	9.1	9.1	9.1	-4.0	-1.53e-02	-1.8	-24.4	-38.5	4.1
15401	ok	0.0	0.5	1.01e-02	9.1	9.1	9.1	9.1	-5.6	-0.2	-1.4	-27.2	-39.2	4.2
15402	ok	0.0	0.4	1.08e-02	9.1	9.1	9.1	9.1	-7.3	-0.2	-1.0	-30.1	-37.8	4.1
15403	ok	0.0	0.4	1.18e-02	9.1	9.1	9.1	9.1	-9.0	-0.2	-0.7	-33.3	-34.4	4.0
15404	ok	0.0	0.4	1.29e-02	9.1	9.1	9.1	9.1	-10.6	-0.1	-0.4	-36.5	-29.5	3.8
15405	ok	0.0	0.4	1.41e-02	9.1	9.1	9.1	9.1	-12.2	-5.85e-02	-0.2	-39.9	-23.3	3.5
15406	ok	0.0	0.6	1.82e-02	9.1	9.1	9.1	9.1	-16.2	-1.49e-03	-6.63e-02	-51.0	-16.2	3.7
15407	ok	0.0	0.6	1.97e-02	9.1	9.1	9.1	9.1	-17.7	3.30e-03	-8.49e-03	-53.9	-6.3	10.3
15408	ok	0.0	0.6	1.89e-02	9.1	9.1	9.1	9.1	-17.8	-8.86e-03	7.20e-03	-48.9	-5.8	15.8
15409	ok	0.0	0.5	9.70e-03	9.1	9.1	9.1	9.1	-3.5	3.12e-02	-2.0	-25.3	-39.2	6.0
15410	ok	0.0	0.5	9.89e-03	9.1	9.1	9.1	9.1	-2.9	-8.40e-02	-2.3	-24.7	-40.2	7.7
15411	ok	0.0	0.5	1.02e-02	9.1	9.1	9.1	9.1	-5.2	-0.2	-1.5	-27.7	-39.6	6.6
15412	ok	0.0	0.5	1.03e-02	9.1	9.1	9.1	9.1	-4.6	-0.3	-1.7	-26.6	-40.3	8.7
15413	ok	0.0	0.5	1.08e-02	9.1	9.1	9.1	9.1	-6.9	-0.3	-1.0	-30.3	-38.0	7.1
15414	ok	0.0	0.5	1.07e-02	9.1	9.1	9.1	9.1	-6.4	-0.5	-1.1	-28.6	-38.4	9.6
15415	ok	0.0	0.5	1.16e-02	9.1	9.1	9.1	9.1	-8.6	-0.3	-0.6	-33.1	-34.4	7.4
15416	ok	0.0	0.5	1.14e-02	9.1	9.1	9.1	9.1	-8.2	-0.5	-0.6	-30.8	-34.5	10.4
15417	ok	0.0	0.5	1.26e-02	9.1	9.1	9.1	9.1	-10.3	-0.2	-0.3	-36.0	-29.2	7.5
15418	ok	0.0	0.5	1.23e-02	9.1	9.1	9.1	9.1	-10.0	-0.4	-0.2	-33.2	-28.9	10.9
15419	ok	0.0	0.5	1.37e-02	9.1	9.1	9.1	9.1	-12.0	-0.1	-0.1	-39.1	-22.9	7.5
15420	ok	0.0	0.5	1.33e-02	9.1	9.1	9.1	9.1	-11.9	-0.3	3.39e-02	-35.8	-22.2	11.2
15421	ok	0.0	0.6	1.77e-02	9.1	9.1	9.1	9.1	-16.1	-2.32e-02	-2.32e-02	-49.7	-15.7	8.4
15422	ok	0.0	0.5	1.69e-02	9.1	9.1	9.1	9.1	-16.1	-9.12e-02	6.71e-02	-45.3	-14.8	12.7
15423	ok	0.0	1.0	1.12e-02	9.1	26.0	9.2	21.5	-24.6	-12.9	14.4	194.8	154.8	-48.3
15424	ok	0.0	0.4	1.01e-02	9.1	9.1	9.1	9.1	4.0	-1.7	-6.4	-9.9	-39.8	2.0
15425	ok	0.0	1.0	9.08e-03	9.1	10.6	9.1	9.1	-15.5	-18.2	1.5	78.9	38.3	-9.3
15426	ok	0.0	0.5	8.94e-03	9.1	9.1	9.1	9.1	-9.9	-7.9	-1.7	48.9	-20.1	-1.5
15427	ok	0.0	0.4	8.98e-03	9.1	9.1	9.1	9.1	-3.9	-5.9	-2.7	22.7	-31.9	-0.5
15428	ok	0.0	0.4	9.19e-03	9.1	9.1	9.1	9.1	-2.4	-4.7	-3.5	10.9	-39.8	0.1
15429	ok	0.0	0.5	9.33e-03	9.1	9.1	9.1	9.1	-0.9	-3.7	-4.3	2.7	-43.8	0.4
15430	ok	0.0	0.5	9.50e-03	9.1	9.1	9.1	9.1	0.7	-2.9	-5.0	-3.2	-44.8	0.7
15431	ok	0.0	0.5	9.80e-03	9.1	9.1	9.1	9.1	2.3	-2.2	-5.7	-7.2	-43.4	1.2
15432	ok	0.0	0.5	1.05e-02	9.1	9.1	9.1	9.1	3.1	-1.3	-5.8	-11.8	-40.9	4.6
15433	ok	0.0	0.5	1.08e-02	9.1	9.1	9.1	9.1	2.2	-1.0	-5.2	-14.3	-41.3	6.6
15434	ok	0.0	0.5	1.05e-02	9.1	9.1	9.1	9.1	1.3	-0.6	-4.6	-17.0	-41.0	7.7
15435	ok	0.0	0.5	1.02e-02	9.1	9.1	9.1	9.1	0.3	-0.2	-4.0	-19.5	-40.2	8.0
15436	ok	0.0	0.5	1.69e-02	9.1	9.1	9.1	9.1	-20.7	-0.3	0.3	-26.4	-3.6	24.0
15437	ok	0.0	0.3	1.59e-02	9.1	9.1	9.1	9.1	-19.3	-1.5	1.1	-7.0	-1.0	25.4
15438	ok	0.0	0.4	1.49e-02	9.1	9.1	9.1	9.1	-27.3	-10.3	6.2	18.6	6.0	24.0
15439	ok	0.0	0.7	1.28e-02	9.1	9.1	9.1	9.1	-23.3	-5.2	-3.9	40.7	49.0	14.8
15440	ok	0.0	0.5	1.03e-02	9.1	9.1	9.1	9.1	-1.3	-0.7	-3.1	-19.9	-42.4	9.2
15441	ok	0.0	0.5	1.05e-02	9.1	9.1	9.1	9.1	-0.4	-1.1	-3.7	-16.4	-43.4	8.7
15442	ok	0.0	0.5	1.06e-02	9.1	9.1	9.1	9.1	0.5	-1.6	-4.3	-12.8	-44.0	7.2
15443	ok	0.0	0.5	1.02e-02	9.1	9.1	9.1	9.1	1.4	-2.0	-5.0	-9.5	-44.1	4.5
15444	ok	0.0	0.5	1.04e-02	9.1	9.1	9.1	9.1	-3.1	-1.1	-2.3	-20.0	-42.4	10.8
15445	ok	0.0	0.5	1.04e-02	9.1	9.1	9.1	9.1	-2.1	-1.7	-2.8	-15.2	-43.6	10.2
15446	ok	0.0	0.5	1.04e-02	9.1	9.1	9.1	9.1	-1.2	-2.2	-3.4	-10.3	-44.6	8.4
15447	ok	0.0	0.5	1.00e-02	9.1	9.1	9.1	9.1	-0.2	-2.7	-4.2	-5.9	-45.2	5.0
15448	ok	0.0	0.5	1.06e-02	9.1	9.1	9.1	9.1	-4.9	-1.5	-1.4	-19.8	-40.1	12.5
15449	ok	0.0	0.5	1.04e-02	9.1	9.1	9.1	9.1	-3.9	-2.2	-1.8	-13.4	-41.3	12.2
15450	ok	0.0	0.5	1.01e-02	9.1	9.1	9.1	9.1	-2.9	-2.9	-2.4	-6.6	-42.7	10.1
15451	ok	0.0	0.5	9.84e-03	9.1	9.1	9.1	9.1	-1.8	-3.5	-3.3	-0.6	-43.8	5.9
15452	ok	0.0	0.5	1.08e-02	9.1	9.1	9.1	9.1	-6.9	-1.7	-0.6	-19.7	-35.4	14.4
15453	ok	0.0	0.5	1.05e-02	9.1	9.1	9.1	9.1	-5.9	-2.6	-0.8	-11.3	-36.4	14.5
15454	ok	0.0	0.5	1.01e-02	9.1	9.1	9.1	9.1	-4.7	-3.6	-1.3	-1.9	-37.9	12.6
15455	ok	0.0	0.5	9.72e-03	9.1	9.1	9.1	9.1	-3.4	-4.5	-2.3	6.9	-39.5	7.4
15456	ok	0.0	0.5	1.14e-02	9.1	9.1	9.1	9.1	-9.1	-1.6	0.2	-19.8	-28.4	16.1
15457	ok	0.0	0.4	1.08e-02	9.1	9.1	9.1	9.1	-9.3	-2.9	0.4	-9.1	-28.7	17.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15458	ok	0.0	0.4	1.02e-02	9.1	9.1	9.1	9.1	-6.9	-4.5	3.39e-02	4.2	-29.5	15.7
15459	ok	0.0	0.4	9.68e-03	9.1	9.1	9.1	9.1	-5.4	-5.8	-1.0	17.1	-31.6	9.6
15460	ok	0.0	0.4	1.22e-02	9.1	9.1	9.1	9.1	-11.5	-1.2	0.7	-20.4	-19.8	17.2
15461	ok	0.0	0.4	1.15e-02	9.1	9.1	9.1	9.1	-11.0	-2.5	1.3	-7.6	-18.3	18.9
15462	ok	0.0	0.3	1.05e-02	9.1	9.1	9.1	9.1	-10.7	-5.5	2.3	10.3	-18.2	20.3
15463	ok	0.0	0.5	9.52e-03	9.1	9.1	9.1	9.1	-9.4	-8.0	1.6	39.7	-17.6	13.9
15464	ok	0.0	0.4	1.52e-02	9.1	9.1	9.1	9.1	-18.5	-0.7	0.7	-25.0	-11.1	19.5
15465	ok	0.0	0.3	1.43e-02	9.1	9.1	9.1	9.1	-18.6	-1.5	1.5	-7.7	-7.2	21.3
15466	ok	0.0	0.4	1.33e-02	9.1	9.1	9.1	9.1	-17.4	-3.5	2.0	17.1	-0.7	22.6
15467	ok	0.0	0.8	1.17e-02	9.1	9.1	9.1	9.1	-15.5	-10.1	6.8	71.5	31.0	12.0
15468	ok	0.0	0.9	8.59e-03	9.1	9.1	9.1	9.1	-8.2	-3.5	9.2	44.2	49.7	-31.5
15469	ok	0.0	0.4	1.08e-02	9.1	9.1	9.1	9.1	4.7	-2.0	-7.0	-8.4	-37.8	-0.8
15470	ok	0.0	0.7	9.11e-03	9.1	9.1	9.1	9.1	-7.4	-5.2	-3.1	49.5	25.0	-19.9
15471	ok	0.0	0.5	8.14e-03	9.1	9.1	9.1	9.1	-2.6	-5.7	-3.5	36.4	-17.0	-15.0
15472	ok	0.0	0.4	8.34e-03	9.1	9.1	9.1	9.1	-2.9	-5.0	-4.0	17.9	-30.7	-9.6
15473	ok	0.0	0.4	8.95e-03	9.1	9.1	9.1	9.1	-1.7	-4.2	-4.5	8.9	-38.5	-7.0
15474	ok	0.0	0.5	9.31e-03	9.1	9.1	9.1	9.1	-0.2	-3.5	-5.1	2.3	-42.5	-5.0
15475	ok	0.0	0.5	9.77e-03	9.1	9.1	9.1	9.1	1.4	-2.9	-5.7	-2.7	-43.5	-3.5
15476	ok	0.0	0.5	1.04e-02	9.1	9.1	9.1	9.1	3.0	-2.5	-6.3	-6.1	-41.8	-2.2
15477	ok	0.0	0.3	6.42e-03	9.1	9.1	9.1	9.1	-4.2	-8.36e-02	-1.1	-16.1	-3.7	-18.5
15478	ok	0.0	0.4	1.03e-02	9.1	9.1	9.1	9.1	-12.1	25.2	29.0	-5.7	-29.9	-5.2
15479	ok	0.0	0.3	6.25e-03	9.1	9.1	9.1	9.1	-4.3	-0.6	-2.4	-14.3	-10.9	-15.3
15480	ok	0.0	0.3	6.29e-03	9.1	9.1	9.1	9.1	-2.8	-1.1	-3.3	-10.8	-18.9	-13.8
15481	ok	0.0	0.4	6.81e-03	9.1	9.1	9.1	9.1	-1.7	-1.6	-4.1	-9.5	-26.7	-13.0
15482	ok	0.0	0.4	7.31e-03	9.1	9.1	9.1	9.1	-0.2	-2.1	-4.7	-8.5	-32.8	-11.4
15483	ok	0.0	0.4	7.80e-03	9.1	9.1	9.1	9.1	1.4	-2.6	-5.3	-7.6	-36.5	-9.6
15484	ok	0.0	0.4	8.10e-03	9.1	9.1	9.1	9.1	3.2	-3.1	-5.8	-6.7	-37.4	-7.8
15485	ok	0.0	0.4	9.32e-03	9.1	9.1	9.1	9.1	5.1	-3.6	-6.5	-5.4	-35.6	-6.0
15486	ok	0.0	0.4	1.03e-02	9.1	9.1	9.1	9.1	-10.1	19.9	34.2	-6.7	-31.6	-5.0
15487	ok	0.0	0.4	1.01e-02	9.1	9.1	9.1	9.1	5.4	-2.4	-7.4	-7.1	-35.5	-3.0
15488	ok	0.0	0.4	7.87e-03	9.1	9.1	9.1	9.1	-10.0	-8.6	-3.7	18.9	6.8	-20.0
15489	ok	0.0	0.2	7.50e-03	9.1	9.1	9.1	9.1	-5.9	-0.2	-1.6	-1.1	-1.4	-20.3
15490	ok	0.0	0.5	1.03e-02	9.1	9.1	9.1	9.1	3.6	-2.7	-6.7	-5.7	-39.8	-4.6
15491	ok	0.0	0.4	9.41e-03	9.1	9.1	9.1	9.1	4.3	-3.1	-6.8	-5.6	-37.7	-6.0
15492	ok	0.0	0.5	9.52e-03	9.1	9.1	9.1	9.1	2.0	-2.9	-6.1	-3.6	-41.6	-6.4
15493	ok	0.0	0.5	9.19e-03	9.1	9.1	9.1	9.1	2.6	-3.0	-6.1	-5.1	-39.5	-7.8
15494	ok	0.0	0.5	8.91e-03	9.1	9.1	9.1	9.1	0.4	-3.2	-5.5	-0.6	-40.5	-8.5
15495	ok	0.0	0.5	8.45e-03	9.1	9.1	9.1	9.1	0.9	-2.8	-5.6	-4.3	-38.4	-9.9
15496	ok	0.0	0.4	8.47e-03	9.1	9.1	9.1	9.1	-1.2	-3.4	-5.0	3.4	-36.3	-11.1
15497	ok	0.0	0.4	7.93e-03	9.1	9.1	9.1	9.1	-0.7	-2.7	-5.1	-3.1	-34.3	-12.2
15498	ok	0.0	0.4	8.10e-03	9.1	9.1	9.1	9.1	-2.7	-3.6	-4.6	8.1	-28.3	-14.1
15499	ok	0.0	0.4	7.49e-03	9.1	9.1	9.1	9.1	-2.4	-2.4	-4.6	-1.9	-27.2	-14.7
15500	ok	0.0	0.3	7.83e-03	9.1	9.1	9.1	9.1	-4.8	-4.2	-4.6	12.7	-17.9	-18.1
15501	ok	0.0	0.3	7.31e-03	9.1	9.1	9.1	9.1	-3.7	-2.0	-3.9	-1.3	-17.6	-16.0
15502	ok	0.0	0.3	8.15e-03	9.1	9.1	9.1	9.1	-5.6	-2.4	-3.7	18.5	-0.9	-19.4
15503	ok	0.0	0.2	7.04e-03	9.1	9.1	9.1	9.1	-5.4	-1.2	-3.0	-1.2	-7.3	-17.4
15504	ok	0.0	0.3	6.91e-03	9.1	9.1	9.1	9.1	7.5	-16.4	-20.4	11.6	18.3	-7.3
15505	ok	0.0	0.3	6.88e-03	9.1	9.1	9.1	9.1	10.9	-11.8	-24.3	15.4	17.3	-5.1
15506	ok	0.0	0.2	6.40e-03	9.1	9.1	9.1	9.1	8.1	-11.6	-23.3	5.6	14.6	-6.3
15507	ok	0.0	0.3	6.90e-03	9.1	9.1	9.1	9.1	10.1	-11.4	-26.8	9.1	18.7	-6.8
15508	ok	0.0	0.3	9.28e-06	9.1	9.1	9.1	9.1	16.9	1.6	1.1	25.5	-2.3	-1.6
15509	ok	0.0	0.7	8.19e-03	9.1	9.1	9.1	9.1	-2.9	-2.4	-0.2	57.7	-1.9	-3.8
15511	ok	0.0	0.4	5.93e-03	9.1	9.1	9.1	9.1	-0.3	1.36e-02	-1.28e-02	-34.6	0.7	0.7
15515	ok	0.0	0.3	5.95e-03	9.1	9.1	9.1	9.1	0.4	3.23e-02	-2.13e-02	-29.8	0.7	2.9
15516	ok	0.0	0.2	5.91e-03	9.1	9.1	9.1	9.1	0.7	0.1	-2.84e-02	-20.7	0.6	4.8
15517	ok	0.0	0.2	5.88e-03	9.1	9.1	9.1	9.1	0.6	-0.1	-3.53e-02	-6.4	0.6	5.6
15519	ok	0.0	0.6	3.86e-03	9.1	9.1	9.1	9.1	-0.3	-24.9	2.8	1.3	-28.4	36.2
15520	ok	0.0	0.3	5.36e-03	9.1	9.1	9.1	9.1	-2.6	3.37e-02	1.90e-02	-27.1	0.7	-5.7
15522	ok	0.0	0.7	1.01e-02	9.1	9.1	9.1	9.1	2.3	-4.3	-6.7	-2.8	-56.4	-19.8
15528	ok	0.0	0.4	5.57e-03	9.1	9.1	9.1	9.1	-1.8	1.13e-02	5.57e-03	-33.1	0.7	-3.9
15529	ok	0.0	0.4	5.80e-03	9.1	9.1	9.1	9.1	-1.0	8.50e-03	-3.58e-03	-35.6	0.7	-1.9
15532	ok	0.0	0.6	4.16e-03	9.1	9.1	9.1	9.1	-0.6	-28.1	3.4	-0.3	-29.4	37.0
15543	ok	0.0	0.2	6.05e-03	9.1	9.1	9.1	9.1	-3.5	0.2	3.85e-02	-16.8	0.6	-7.2
15545	ok	0.0	0.6	1.21e-02	9.1	9.1	9.1	9.1	-10.3	-3.4	-4.1	55.0	-3.8	12.7
15551	ok	0.0	0.3	9.94e-03	9.1	9.1	9.1	9.1	-6.0	5.7	0.3	22.2	-2.4	-6.3
15552	ok	0.0	0.1	7.04e-03	9.1	9.1	9.1	9.1	-4.6	1.0	7.15e-02	-1.1	4.89e-02	-7.9
15554	ok	0.0	1.0	1.06e-02	9.1	14.1	9.1	9.1	-13.9	3.3	7.1	120.7	-7.2	-15.9
15559	ok	0.0	0.5	1.96e-02	9.1	9.1	9.1	9.1	-19.1	3.41e-02	-2.15e-02	-41.1	0.7	7.9
15567	ok	0.0	1.0	1.90e-02	9.1	9.1	12.5	12.1	10.9	-94.6	9.9	13.6	110.6	-17.4
15574	ok	0.0	0.4	1.84e-02	9.1	9.1	9.1	9.1	-21.9	0.2	-4.91e-02	-26.9	0.6	9.3
15575	ok	0.0	0.2	1.70e-02	9.1	9.1	9.1	9.1	-19.5	1.2	-0.2	-6.6	0.3	9.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15576	ok	0.0	0.3	1.59e-02	9.1	9.1	9.1	9.1	-21.6	8.8	-2.8	22.5	-0.2	8.7
15577	ok	0.0	0.9	1.83e-02	9.1	9.1	9.1	9.1	-22.5	-9.7	-1.5	81.4	0.3	-3.6
15578	ok	0.0	0.3	6.29e-03	9.1	9.1	9.1	9.1	-0.8	-3.2	-4.7	7.6	-12.2	-13.7
15579	ok	0.0	0.2	6.46e-03	9.1	9.1	9.1	9.1	1.9	-6.9	-7.0	7.9	8.8	-13.1
15580	ok	0.0	0.3	5.90e-03	9.1	9.1	9.1	9.1	-6.8	6.8	12.2	-7.2	-16.9	-4.4
16672	ok	0.0	0.9	4.94e-03	9.1	11.3	9.1	9.1	6.5	-0.4	13.2	86.9	24.5	17.9
16673	ok	0.0	0.6	5.73e-03	9.1	9.1	9.1	9.1	52.1	0.5	11.1	25.7	-11.5	31.3
16674	ok	0.0	0.3	2.01e-03	9.1	9.1	9.1	9.1	9.3	-1.9	11.1	27.1	10.4	-8.4
16703	ok	0.0	0.3	4.97e-03	9.1	9.1	9.1	9.1	39.3	2.5	7.4	-15.8	-0.9	9.3
16704	ok	0.0	0.3	4.55e-03	9.1	9.1	9.1	9.1	38.8	2.6	7.3	-15.7	-1.2	6.4
16705	ok	0.0	0.2	4.17e-03	9.1	9.1	9.1	9.1	19.5	3.4	8.4	-17.5	-1.2	-2.9
16706	ok	0.0	0.2	3.87e-03	9.1	9.1	9.1	9.1	22.3	3.2	8.4	-15.9	-1.3	-6.1
16707	ok	0.0	0.3	3.91e-03	9.1	9.1	9.1	9.1	23.9	3.0	7.8	-13.7	-1.1	-9.0
16708	ok	0.0	0.3	3.78e-03	9.1	9.1	9.1	9.1	-8.2	-1.4	-6.8	-15.8	-7.6	-15.1
16709	ok	0.0	0.4	2.66e-04	9.1	9.1	9.1	9.1	19.2	6.8	0.9	20.4	7.0	-16.5
16710	ok	0.0	0.3	1.42e-02	9.1	9.1	9.1	9.1	67.4	-3.9	-79.8	1.2	6.9	1.1
16727	ok	0.0	0.3	3.53e-03	9.1	9.1	9.1	9.1	37.9	0.3	-8.2	-18.3	-9.1	-6.8
16728	ok	0.0	0.3	4.88e-03	9.1	9.1	9.1	9.1	-22.1	-11.1	1.4	-13.9	-1.0	-14.6
16729	ok	0.0	0.7	3.48e-02	9.1	9.1	9.1	9.1	218.8	-0.2	-78.4	27.9	-5.1	-1.6
16730	ok	0.0	1.0	0.1	9.1	15.4	9.1	10.8	-130.0	-133.5	127.3	102.2	17.3	7.7
16731	ok	0.0	1.0	7.66e-02	9.1	12.2	9.1	10.0	356.6	79.0	-213.0	58.5	-2.1	6.6
16732	ok	0.0	0.4	3.23e-02	9.1	9.1	9.1	9.1	-143.5	-5.0	-9.0	22.7	0.2	6.8
16733	ok	0.0	0.4	2.68e-02	9.1	9.1	9.1	9.1	-104.3	7.1	-12.5	17.3	1.1	6.9
16734	ok	0.0	0.3	1.89e-02	9.1	9.1	9.1	9.1	52.7	8.55e-02	21.9	-16.9	-1.3	-3.6
16735	ok	0.0	0.3	1.35e-02	9.1	9.1	9.1	9.1	3.2	-5.6	1.4	-8.2	-0.3	11.9
16736	ok	0.0	0.3	1.60e-02	9.1	9.1	9.1	9.1	86.5	-4.9	-21.8	1.1	6.1	1.3
16737	ok	0.0	0.3	1.70e-02	9.1	9.1	9.1	9.1	113.8	-4.6	-20.6	0.8	4.7	1.9
16738	ok	0.0	0.4	1.86e-02	9.1	9.1	9.1	9.1	155.8	5.3	-39.0	-0.6	-3.6	1.6
16739	ok	0.0	0.5	2.05e-02	9.1	9.1	9.1	9.1	302.3	1.6	-62.9	3.3	-6.4	0.2
16740	ok	0.0	0.2	1.05e-02	9.1	9.1	9.1	9.1	38.6	2.1	2.5	-7.1	-1.1	10.2
16741	ok	0.0	0.3	8.50e-03	9.1	9.1	9.1	9.1	-26.8	0.2	12.1	17.3	-5.8	-18.5
16742	ok	0.0	0.7	5.92e-03	9.1	9.1	9.1	9.1	-9.6	9.9	6.3	52.4	9.1	-16.7
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-248.96	-182.88	-213.02	-119.94	-161.39	-249.04
		0.0	1.00	0.14	74.21	77.90	94.90	90.51	606.60	333.18	156.89	337.64	431.41	135.20

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
362	ok	2.58						
363	ok	0.96						
364	ok	3.06						
365	ok	0.54						
366	ok	4.09						
367	ok	1.72						
368	ok	1.06						
369	ok	0.90						
370	ok	2.78						
371	ok	5.03						
372	ok	1.87						
373	ok	1.42						
374	ok	2.57						
375	ok	0.72						
376	ok	0.41						
377	ok	0.0						
378	ok	0.0						
379	ok	1.12						
380	ok Av	5.79	0.19	0.04	6.4	1.5	153.9	35.5
381	ok	1.75						
382	ok	1.34						
383	ok	1.18						
384	ok Av	6.03	0.18	0.11	5.8	3.6	139.1	87.0
385	ok	1.90						
386	ok	1.32						
387	ok	1.09						
388	ok	4.11						
389	ok	1.00						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
390	ok	1.21						
391	ok	0.88						
392	ok Av	7.86	0.26	0.08	8.5	2.7	204.2	63.7
393	ok Av	5.40	0.18	0.03	6.1	0.9	145.5	21.2
394	ok	0.82						
395	ok	0.70						
396	ok Av	6.67	0.17	0.15	5.7	5.0	136.5	119.8
397	ok	1.60						
398	ok	1.04						
399	ok Av	5.28	0.17	0.07	5.5	2.4	131.7	58.0
400	ok	1.70						
401	ok	1.10						
402	ok	1.66						
403	ok	1.09						
404	ok	1.65						
405	ok	0.78						
406	ok	0.95						
407	ok	1.01						
408	ok	1.49						
409	ok	1.02						
410	ok	1.01						
411	ok	1.28						
412	ok Av	6.80	0.18	0.15	6.0	4.8	144.7	115.3
413	ok	1.96						
414	ok	1.18						
415	ok	1.75						
416	ok	1.27						
417	ok	0.65						
418	ok	0.96						
419	ok	0.66						
420	ok	0.91						
421	ok	0.33						
422	ok	0.43						
423	ok	0.88						
424	ok	0.78						
425	ok	1.30						
426	ok	0.42						
427	ok	0.0						
428	ok	0.0						
429	ok	1.07						
430	ok	1.11						
431	ok	0.47						
432	ok	5.03						
433	ok	0.47						
603	ok	3.29						
604	ok	4.03						
605	ok	1.53						
606	ok	1.32						
607	ok	1.06						
608	ok	1.08						
609	ok	0.63						
610	ok	3.53						
611	ok	0.67						
612	ok	1.17						
613	ok	0.73						
614	ok	3.29						
615	ok	0.81						
616	ok	0.77						
617	ok	2.10						
618	ok	1.27						
619	ok	0.78						
620	ok	0.79						
621	ok	0.74						
622	ok	0.84						
623	ok	1.42						
624	ok	0.98						
625	ok	3.12						
626	ok	1.01						
627	ok	1.40						
628	ok	1.29						
629	ok	1.02						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
630	ok	0.69						
631	ok	0.95						
632	ok	0.62						
633	ok Av	5.50	0.19	0.02	6.2	0.6	148.9	15.2
634	ok	3.08						
635	ok	0.99						
636	ok	0.92						
637	ok	1.43						
638	ok	4.48						
639	ok	2.88						
640	ok	4.59						
641	ok	1.74						
642	ok	1.06						
643	ok	1.41						
644	ok	1.24						
645	ok	1.43						
646	ok	3.74						
647	ok	0.68						
648	ok	0.46						
649	ok	1.56						
650	ok	1.62						
651	ok	1.61						
652	ok	1.96						
653	ok	2.36						
654	ok	1.59						
655	ok	1.10						
656	ok	4.31						
657	ok	0.40						
658	ok	0.89						
659	ok	1.92						
660	ok	4.03						
661	ok	0.44						
662	ok	3.03						
663	ok	2.86						
664	ok	2.06						
665	ok	1.76						
666	ok	1.25						
667	ok	1.58						
668	ok	2.88						
669	ok	1.45						
670	ok	2.44						
671	ok	3.51						
672	ok	5.00						
673	ok	2.16						
674	ok	2.58						
675	ok	0.74						
676	ok	0.65						
677	ok	4.60						
678	ok	1.08						
679	ok	0.48						
680	ok	0.58						
681	ok	0.69						
682	ok	0.83						
683	ok	0.98						
684	ok	0.96						
685	ok	1.30						
686	ok	0.75						
687	ok Av	6.30	0.21	0.12	6.9	4.1	166.3	98.5
688	ok Av	7.70	1.90e-03	0.26	6.30e-02	8.7	1.5	209.4
689	ok Av	8.92	3.26e-03	0.31	0.1	10.1	2.6	242.6
690	ok Av	15.39	0.01	0.53	0.4	17.5	9.4	418.6
691	ok Av	25.01	0.12	0.85	3.9	28.1	94.0	673.8
692	ok	1.85						
693	ok	4.61						
694	ok	0.70						
695	ok	0.55						
696	ok	0.60						
697	ok	0.87						
698	ok	0.79						
699	ok	0.74						
700	ok	0.81						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
701	ok	0.56						
702	ok	0.60						
703	ok	0.47						
704	ok	0.40						
705	ok	0.85						
706	ok	0.76						
707	ok	0.82						
708	ok	0.69						
709	ok	0.49						
710	ok	0.46						
711	ok	0.51						
712	ok	0.43						
713	ok	0.47						
714	ok	0.89						
715	ok	0.93						
716	ok	0.44						
717	ok	0.58						
718	ok	0.49						
719	ok	0.47						
720	ok	0.56						
721	ok	0.90						
722	ok	0.93						
723	ok	0.68						
724	ok	0.55						
725	ok	0.86						
726	ok	0.56						
727	ok	0.43						
728	ok	0.35						
729	ok	0.93						
730	ok	0.85						
731	ok	0.82						
732	ok	1.01						
733	ok	0.38						
734	ok	0.43						
735	ok	0.38						
736	ok	0.46						
737	ok	0.80						
738	ok	0.89						
739	ok	0.82						
740	ok	2.32						
741	ok	0.64						
742	ok	0.44						
743	ok	0.32						
744	ok	1.02						
745	ok	1.12						
746	ok	1.16						
747	ok	0.46						
748	ok Av	5.73	0.05	0.19	1.7	6.3	40.2	150.8
749	ok	0.34						
750	ok	0.72						
751	ok	0.52						
752	ok	0.96						
753	ok	1.18						
754	ok	1.34						
755	ok	0.43						
756	ok	3.47						
757	ok	0.36						
758	ok	0.34						
759	ok	0.80						
760	ok	0.80						
761	ok	0.58						
762	ok	0.66						
764	ok	0.63						
765	ok	0.57						
766	ok	0.53						
767	ok	0.40						
768	ok	1.08						
769	ok	0.85						
770	ok	0.67						
778	ok	1.55						
779	ok	0.61						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
780	ok	0.46						
781	ok	0.38						
782	ok	0.43						
783	ok	0.37						
784	ok	0.52						
785	ok	0.62						
786	ok	0.67						
787	ok	1.38						
788	ok	0.65						
789	ok	0.99						
790	ok	0.80						
791	ok	0.92						
792	ok	0.69						
793	ok	1.20						
794	ok	2.51						
795	ok	0.0						
796	ok	0.81						
797	ok	0.80						
798	ok	0.69						
799	ok	0.71						
800	ok	0.66						
801	ok	1.09						
802	ok	2.10						
803	ok	0.87						
804	ok	0.80						
805	ok	0.54						
806	ok	0.72						
807	ok	0.0						
808	ok	0.62						
809	ok	0.95						
810	ok	0.64						
811	ok	0.59						
812	ok	0.98						
813	ok	0.73						
814	ok	1.46						
815	ok	1.78						
816	ok	0.49						
817	ok	0.52						
818	ok	0.94						
819	ok	1.02						
820	ok	0.73						
821	ok	0.58						
822	ok	0.67						
823	ok	0.71						
824	ok	0.66						
825	ok	0.84						
826	ok	0.49						
899	ok	3.38						
900	ok Av	5.66	0.19	1.38e-03	6.4	4.56e-02	154.0	1.1
901	ok	2.86						
902	ok Av	7.21	0.25	9.28e-04	8.2	3.08e-02	196.1	0.7
903	ok Av	5.24	0.18	4.50e-04	6.0	1.49e-02	142.5	0.4
904	ok Av	8.97	0.31	8.76e-03	10.2	0.3	243.9	7.0
905	ok	2.04						
906	ok Av	5.40	0.19	1.58e-03	6.1	5.24e-02	147.0	1.3
907	ok Av	6.01	0.21	7.57e-03	6.8	0.3	163.3	6.0
908	ok	2.44						
909	ok	3.52						
910	ok	4.57						
911	ok Av	8.32	0.28	1.57e-03	9.4	5.21e-02	226.2	1.2
912	ok	1.88						
913	ok Av	6.18	0.21	2.41e-03	7.0	7.98e-02	168.0	1.9
914	ok Av	5.44	0.19	9.30e-03	6.2	0.3	147.8	7.4
915	ok Av	5.87	0.20	2.37e-03	6.7	7.86e-02	159.6	1.9
916	ok Av	7.30	0.25	8.01e-03	8.3	0.3	198.4	6.4
917	ok Av	5.98	0.20	3.17e-03	6.8	0.1	162.6	2.5
918	ok Av	13.37	0.46	0.01	15.2	0.4	363.7	9.1
919	ok Av	9.95	0.34	8.53e-03	11.3	0.3	270.6	6.8
920	ok Av	6.09	0.21	2.07e-03	6.9	6.86e-02	165.7	1.6
921	ok Av	14.36	0.49	1.78e-03	16.3	5.91e-02	390.6	1.4
922	ok Av	14.08	0.48	1.38e-03	16.0	4.58e-02	382.9	1.1

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
923	ok Av	13.68	0.47	1.09e-03	15.5	3.60e-02	372.2	0.9
924	ok Av	12.46	0.43	1.21e-03	14.2	4.02e-02	339.0	1.0
925	ok Av	10.96	0.38	5.93e-03	12.4	0.2	298.0	4.7
926	ok Av	9.52	0.33	0.02	10.8	0.7	258.8	17.5
1364	ok	2.95						
1365	ok	1.19						
1366	ok	1.57						
1367	ok	1.81						
1368	ok	2.97						
1369	ok	1.41						
1371	ok	1.69						
1372	ok	1.89						
1373	ok	4.44						
1374	ok Av	8.13	2.67e-03	0.28	8.84e-02	9.2	2.1	221.1
1375	ok Av	7.57	2.15e-03	0.26	7.14e-02	8.6	1.7	205.8
1376	ok Av	7.37	1.75e-03	0.25	5.81e-02	8.4	1.4	200.5
1377	ok	0.69						
1378	ok	0.62						
1379	ok	2.31						
3926	ok	0.88						
3927	ok	0.0						
3928	ok	0.0						
3929	ok Av	5.30	8.30e-03	0.18	0.3	6.0	6.6	144.1
3930	ok	1.19						
3931	ok	1.32						
3933	ok Av	5.22	0.02	0.18	0.6	5.9	14.6	141.2
3934	ok Av	15.56	0.38	0.39	12.6	12.9	301.3	309.7
3935	ok	0.93						
3936	ok	0.67						
3937	ok Av	6.10	0.04	0.21	1.3	6.8	31.8	163.8
3938	ok Av	17.18	0.40	0.43	13.4	14.4	319.7	344.3
3939	ok Av	5.92	0.03	0.20	1.1	6.7	26.7	160.4
3940	ok Av	7.36	0.06	0.25	2.1	8.2	50.0	196.4
4706	ok	1.44						
4731	ok	0.60						
4736	ok	1.30						
4737	ok	1.67						
4740	ok Av	21.62	0.53	0.52	17.5	17.4	419.3	415.9
4741	ok	1.61						
4742	ok Av	7.07	0.02	0.24	0.8	8.0	19.3	192.3
4743	ok Av	7.76	0.02	0.27	0.7	8.8	15.9	211.1
4744	ok	1.50						
4745	ok	0.79						
4746	ok Av	7.91	0.06	0.27	2.1	9.0	50.0	215.1
4747	ok Av	23.30	0.55	0.60	18.1	19.7	432.9	472.7
4750	ok	0.85						
4751	ok	1.28						
4755	ok	0.92						
4757	ok	0.80						
4758	ok	0.99						
4759	ok	1.13						
4778	ok	2.40						
4780	ok Av	7.38	8.75e-03	0.25	0.3	8.4	7.0	200.7
4791	ok	3.83						
4792	ok	5.06						
4795	ok Av	6.70	0.23	1.34e-03	7.6	4.44e-02	182.3	1.1
4796	ok Av	5.36	0.18	3.45e-03	6.1	0.1	145.7	2.7
4797	ok	0.0						
4800	ok	0.0						
4801	ok Av	8.46	0.29	8.27e-03	9.6	0.3	230.0	6.6
4802	ok Av	7.98	0.27	1.54e-03	9.1	5.11e-02	217.0	1.2
5386	ok	0.90						
5387	ok	1.03						
5388	ok	1.14						
5433	ok	0.93						
5434	ok	1.01						
5435	ok	0.70						
5436	ok	0.57						
5437	ok	0.60						
5477	ok	0.74						
5478	ok	0.57						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5479	ok	0.62						
5523	ok	1.18						
5541	ok	2.49						
5542	ok	3.94						
5544	ok Av	6.93	0.24	9.04e-03	7.9	0.3	188.3	7.2
5877	ok Av	6.48	0.22	2.83e-03	7.4	9.39e-02	176.1	2.2
5927	ok Av	5.41	0.19	3.31e-04	6.1	1.10e-02	147.0	0.3
6095	ok	4.09						
6101	ok	2.64						
6116	ok	0.87						
6127	ok Av	6.91	0.24	0.02	7.8	0.8	187.0	19.8
6133	ok	0.0						
6400	ok	0.0						
6404	ok Av	6.68	0.23	2.65e-03	7.6	8.78e-02	181.8	2.1
6407	ok	1.15						
6409	ok Av	7.37	0.25	5.81e-03	8.4	0.2	200.5	4.6
6410	ok	2.37						
6411	ok	3.34						
6412	ok Av	7.58	0.26	0.02	8.6	0.8	205.4	18.7
6413	ok	0.0						
6415	ok	0.0						
6416	ok	0.0						
6419	ok	0.0						
6422	ok	4.99						
6427	ok	2.50						
6428	ok	1.07						
6430	ok Av	5.87	0.20	9.80e-04	6.7	3.25e-02	159.7	0.8
6433	ok	0.82						
6434	ok	4.17						
6435	ok	1.13						
6436	ok	3.31						
6437	ok	1.47						
6438	ok	2.14						
6440	ok	1.10						
6442	ok	1.00						
6445	ok	0.79						
6446	ok	0.58						
6447	ok	1.05						
6448	ok	0.63						
6449	ok	0.53						
6450	ok	0.78						
6451	ok	0.65						
6452	ok	0.82						
6453	ok	0.72						
6454	ok	0.52						
6455	ok	0.51						
6456	ok	0.63						
6457	ok	0.56						
6458	ok	0.46						
6459	ok	0.45						
6460	ok	3.21						
6462	ok	2.02						
6464	ok Av	6.00	0.21	0.01	6.8	0.4	163.0	10.5
6467	ok	5.10						
6468	ok	4.22						
6471	ok	0.0						
6474	ok	0.0						
6476	ok	0.0						
6478	ok	3.03						
6481	ok	0.95						
6483	ok	1.96						
6485	ok	3.78						
6489	ok	2.82						
6492	ok	1.91						
6493	ok	0.97						
6495	ok	4.70						
6497	ok Av	5.19	0.18	0.02	5.9	0.6	140.3	15.2
6499	ok	5.08						
6501	ok	0.0						
6503	ok	0.0						
6505	ok Av	5.72	0.20	0.02	6.5	0.7	155.5	16.7

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6507	ok	0.0						
6509	ok Av	5.51	0.19	6.33e-03	6.3	0.2	149.7	5.0
6511	ok Av	5.62	0.19	8.69e-03	6.4	0.3	152.7	6.9
6513	ok	4.85						
6517	ok	0.78						
6518	ok	3.80						
6520	ok	3.17						
6522	ok	3.82						
6524	ok	0.0						
6525	ok	2.54						
6526	ok	0.48						
6527	ok	0.36						
6528	ok	0.58						
6529	ok	0.89						
6530	ok	1.22						
6531	ok	1.97						
6532	ok	1.96						
6533	ok	1.93						
6534	ok	1.47						
6535	ok	1.10						
6536	ok	0.77						
6537	ok	0.63						
6538	ok	0.59						
6539	ok	0.65						
6540	ok	0.67						
6541	ok	0.66						
6542	ok	0.55						
6543	ok	0.45						
6544	ok	0.50						
6545	ok	0.52						
6546	ok	0.51						
6547	ok	0.43						
6548	ok	0.56						
6549	ok	0.51						
6550	ok	0.47						
6551	ok	0.43						
6552	ok	0.34						
6553	ok	0.79						
6554	ok	0.67						
6555	ok	0.56						
6556	ok	0.46						
6557	ok	0.33						
6558	ok	1.07						
6559	ok	0.85						
6560	ok	0.68						
6561	ok	0.54						
6562	ok	0.36						
6563	ok	1.40						
6564	ok	1.08						
6565	ok	0.83						
6566	ok	0.64						
6567	ok	0.40						
6568	ok	1.30						
6569	ok	0.95						
6570	ok	0.75						
6571	ok	0.65						
6572	ok	0.53						
6573	ok	3.05						
6574	ok	0.37						
6575	ok	0.36						
6576	ok	0.58						
6577	ok	0.93						
6578	ok	1.38						
6579	ok	2.39						
6580	ok	2.66						
6581	ok	0.42						
6624	ok	0.0						
6625	ok	0.50						
6626	ok	0.28						
6627	ok	0.37						
6628	ok	0.60						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6629	ok	1.00						
6630	ok	1.57						
6631	ok	2.39						
6632	ok	0.0						
6633	ok	0.0						
6634	ok	0.31						
6635	ok	0.38						
6636	ok	0.61						
6637	ok	0.99						
6638	ok	1.54						
6639	ok	2.61						
6640	ok	0.0						
6641	ok	0.61						
6642	ok	0.48						
6643	ok	0.39						
6644	ok	0.36						
6645	ok	1.63						
6646	ok	0.44						
6647	ok	0.24						
6648	ok	0.33						
6649	ok	0.55						
6650	ok	0.79						
6652	ok	1.11						
6653	ok	0.88						
6654	ok	2.15						
6655	ok	2.68						
6656	ok	0.0						
6657	ok	0.33						
6691	ok	0.25						
6692	ok	0.25						
6693	ok	0.24						
6694	ok	0.31						
6695	ok	0.35						
6696	ok	0.44						
6697	ok	0.53						
6698	ok	0.59						
6699	ok	0.71						
6700	ok	0.85						
6701	ok	0.96						
6702	ok	1.00						
6703	ok	1.27						
6704	ok	1.51						
6705	ok	1.61						
6706	ok	2.16						
6707	ok	2.49						
6708	ok	1.41						
6709	ok	2.34						
6710	ok	0.0						
6712	ok	1.03						
6713	ok	0.0						
6716	ok	0.58						
6717	ok	0.63						
6718	ok	0.60						
6719	ok	0.65						
6720	ok	1.19						
6721	ok	1.30						
6722	ok	0.54						
6725	ok	2.38						
6726	ok	1.56						
6731	ok	0.90						
6748	ok	0.84						
6755	ok	0.71						
6756	ok	4.85						
6761	ok Av	9.92	0.25	0.34	8.3	11.2	198.6	267.2
6762	ok	1.14						
6763	ok	0.60						
6764	ok	0.39						
6765	ok	0.73						
6766	ok	3.72						
6771	ok	1.51						
6819	ok	0.74						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
6832	ok	0.49						
6877	ok	0.60						
6951	ok	0.88						
7010	ok	0.63						
7205	ok	1.69						
7318	ok	1.46						
7321	ok	1.15						
8489	ok	0.0						
8497	ok	0.0						
8505	ok	0.0						
8513	ok	0.0						
8521	ok	1.37						
8529	ok	1.46						
8531	ok	0.78						
8537	ok	1.40						
8538	ok	0.50						
8539	ok	2.65						
8540	ok	1.07						
8541	ok	0.72						
8542	ok	1.42						
8543	ok	0.38						
8544	ok	0.88						
8545	ok	1.44						
8546	ok	1.44						
8547	ok	1.40						
8548	ok	0.69						
8549	ok	2.70						
8552	ok	0.28						
8555	ok Av	5.97	1.02e-03	0.20	3.39e-02	6.8	0.8	162.4
8556	ok Av	9.68	8.80e-03	0.33	0.3	11.0	7.0	263.1
8558	ok Av	7.51	3.91e-03	0.26	0.1	8.5	3.1	204.2
8559	ok Av	6.70	1.57e-03	0.23	5.22e-02	7.6	1.3	182.3
8560	ok	3.25						
8561	ok	0.56						
8562	ok	0.53						
8563	ok	1.25						
8564	ok Av	5.78	6.11e-05	0.20	2.03e-03	6.6	4.85e-02	157.3
8566	ok	1.07						
8569	ok	1.11						
8572	ok	4.48						
8574	ok	3.03						
8575	ok Av	10.27	0.35	0.01	11.7	0.5	279.1	11.0
8576	ok	0.86						
8577	ok	2.05						
8578	ok	2.22						
8579	ok	0.70						
8580	ok	0.65						
8581	ok	1.03						
8582	ok	0.79						
8583	ok Av	5.17	8.53e-04	0.18	2.83e-02	5.9	0.7	140.7
8584	ok	4.29						
8585	ok	1.33						
8586	ok	3.31						
8587	ok	0.36						
8588	ok	0.90						
8589	ok	0.67						
8590	ok Av	6.12	0.19	0.17	6.4	5.8	153.5	138.1
8591	ok	2.52						
8704	ok	2.56						
8708	ok	0.0						
8782	ok	3.04						
8791	ok	4.61						
8792	ok	2.98						
9055	ok Av	5.63	0.02	0.19	0.7	6.4	15.6	153.2
9060	ok Av	17.19	0.22	0.57	7.3	18.8	175.6	450.1
9187	ok	0.0						
9195	ok	2.32						
9203	ok	0.0						
9211	ok	1.33						
9220	ok	1.74						
9632	ok	1.33						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9743	ok	1.51						
10790	ok	3.66						
13085	ok	1.20						
13086	ok	2.79						
13087	ok	0.62						
13088	ok	4.20						
13089	ok	2.10						
13090	ok	0.0						
13091	ok	0.0						
13092	ok Av	10.21	0.05	0.35	1.6	11.5	38.1	276.0
13093	ok Av	8.87	0.01	0.30	0.4	10.1	9.6	241.1
13094	ok Av	8.83	4.64e-03	0.30	0.2	10.0	3.7	240.2
13095	ok	4.45						
13096	ok	0.0						
13097	ok	1.18						
13098	ok	1.49						
13099	ok	1.92						
13101	ok	2.64						
13102	ok	0.88						
13104	ok	0.54						
13105	ok	0.66						
13106	ok	0.45						
13107	ok	0.37						
13108	ok	0.44						
13109	ok	0.40						
13110	ok	0.66						
13111	ok	0.50						
13112	ok	0.88						
13113	ok	1.17						
13115	ok	1.49						
13116	ok	2.26						
13117	ok	0.0						
13118	ok	0.0						
13119	ok	0.0						
13120	ok	0.84						
13122	ok	0.62						
13123	ok	0.40						
13124	ok	0.26						
13125	ok	0.32						
13126	ok	0.48						
13127	ok	0.67						
13129	ok	0.50						
13130	ok	0.91						
13132	ok	0.67						
13133	ok	0.45						
13134	ok	0.30						
13135	ok	0.25						
13136	ok	0.37						
13137	ok	0.53						
13139	ok	0.42						
13140	ok	0.99						
13141	ok	0.74						
13142	ok	0.53						
13143	ok	0.36						
13144	ok	0.26						
13146	ok	0.29						
13147	ok	0.43						
13148	ok	0.40						
13149	ok	1.03						
13150	ok	0.81						
13151	ok	0.97						
13153	ok	0.60						
13154	ok	0.64						
13155	ok	1.31						
13156	ok	0.94						
13157	ok	0.71						
13158	ok	3.50						
13160	ok	2.03						
13161	ok	0.0						
13162	ok	0.0						
13163	ok	3.31						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13164	ok Av	5.26	0.12	0.13	4.0	4.5	95.3	106.9
13165	ok	1.15						
13167	ok	1.43						
13168	ok	1.82						
13169	ok	2.45						
13170	ok	0.85						
13171	ok	0.57						
13172	ok	0.65						
13174	ok	0.51						
13175	ok	0.46						
13176	ok	0.47						
13177	ok	0.45						
13178	ok	0.62						
13179	ok	0.49						
13181	ok	0.84						
13182	ok	1.04						
13183	ok	0.77						
13184	ok	0.56						
13185	ok	0.39						
13186	ok	0.27						
13188	ok	0.19						
13189	ok	0.29						
13190	ok	0.36						
13191	ok	0.69						
13192	ok	0.57						
13193	ok	0.47						
13195	ok	0.39						
13196	ok	0.34						
13197	ok	0.34						
13198	ok	0.44						
13199	ok	0.75						
13200	ok	0.57						
13202	ok	0.43						
13203	ok	0.32						
13204	ok	0.23						
13205	ok	0.22						
13206	ok	0.39						
13216	ok	0.66						
13224	ok	0.63						
13225	ok	0.59						
13226	ok	0.56						
13227	ok	0.56						
13228	ok	0.66						
13230	ok	0.59						
13231	ok	0.64						
13233	ok	0.58						
13234	ok	0.52						
13235	ok	0.48						
13236	ok	0.45						
13237	ok	0.50						
13238	ok	0.50						
13239	ok	1.20						
13240	ok	1.02						
13241	ok	0.85						
13242	ok	0.76						
13244	ok	0.89						
13245	ok	1.33						
13246	ok	1.50						
13247	ok	0.93						
13248	ok	0.75						
13249	ok	0.84						
13251	ok	0.72						
13252	ok	0.75						
13253	ok	0.67						
13254	ok	0.70						
13255	ok	0.64						
13256	ok	0.74						
13258	ok	0.67						
13259	ok	1.07						
13260	ok	0.82						
13261	ok	0.96						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13262	ok	0.72						
13263	ok	2.48						
13265	ok	1.40						
13266	ok	0.86						
13267	ok	0.38						
13268	ok	0.66						
13269	ok	1.44						
13270	ok	0.0						
13272	ok	1.69						
13273	ok	1.27						
13274	ok	0.88						
13275	ok	0.66						
13276	ok	0.92						
13277	ok	1.42						
13279	ok Av	5.86	0.15	0.13	5.1	4.3	121.9	102.6
13280	ok	2.49						
13281	ok	1.52						
13282	ok	0.88						
13283	ok	0.36						
13284	ok	0.63						
13286	ok	1.40						
13287	ok	0.0						
13288	ok	2.50						
13289	ok	1.65						
13291	ok	0.99						
13292	ok	0.56						
13293	ok	0.59						
13294	ok	1.41						
13295	ok	2.15						
13296	ok	2.44						
13297	ok	1.64						
13298	ok	1.17						
13299	ok	0.89						
13300	ok	0.80						
13302	ok	0.88						
13303	ok	1.27						
13304	ok	2.56						
13305	ok	1.79						
13306	ok	1.15						
13307	ok	0.81						
13309	ok	0.73						
13310	ok	1.29						
13311	ok	1.42						
13312	ok	0.99						
13313	ok	0.84						
13314	ok	0.69						
13316	ok	0.58						
13317	ok	0.49						
13319	ok	0.39						
13320	ok	0.71						
13321	ok	1.24						
13322	ok	1.53						
13323	ok	1.92						
13324	ok	1.01						
13326	ok	1.22						
13327	ok	1.38						
13328	ok	0.81						
13329	ok	0.96						
13330	ok	1.09						
13331	ok	0.65						
13333	ok	0.77						
13334	ok	0.86						
13335	ok	0.55						
13336	ok	0.65						
13337	ok	0.75						
13338	ok	0.44						
13339	ok	0.60						
13340	ok	0.73						
13341	ok	0.86						
13342	ok	0.99						
13344	ok	1.11						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13345	ok	0.79						
13346	ok	0.71						
13347	ok	0.63						
13348	ok	0.57						
13349	ok	0.59						
13351	ok	0.70						
13352	ok	0.52						
13353	ok	0.61						
13354	ok	0.65						
13355	ok	0.73						
13356	ok	0.85						
13358	ok	1.11						
13359	ok	1.49						
13360	ok	1.81						
13361	ok	0.64						
13362	ok	0.62						
13363	ok	0.62						
13365	ok	0.66						
13366	ok	0.76						
13367	ok	1.06						
13368	ok	0.89						
13369	ok	0.60						
13370	ok	0.0						
13372	ok	0.70						
13373	ok	0.84						
13374	ok	1.06						
13375	ok	0.0						
13376	ok	1.47						
13377	ok	2.06						
13379	ok Av	8.23	0.20	0.20	6.8	6.8	162.5	162.6
13380	ok	0.0						
13381	ok	0.57						
13382	ok	0.71						
13383	ok	0.90						
13384	ok	1.73						
13386	ok	1.17						
13387	ok	1.61						
13388	ok	2.23						
13389	ok	1.09						
13390	ok	0.0						
13391	ok	0.53						
13393	ok	0.62						
13394	ok	1.31						
13395	ok	0.75						
13396	ok	0.97						
13397	ok	1.35						
13398	ok	0.78						
13400	ok	1.78						
13401	ok	2.29						
13402	ok	0.0						
13403	ok	0.93						
13404	ok	2.17						
13405	ok	1.52						
13407	ok	1.09						
13408	ok	0.55						
13409	ok	0.84						
13410	ok	0.66						
13411	ok	0.54						
13412	ok	0.58						
13414	ok	0.66						
13415	ok	0.55						
13416	ok	0.52						
13417	ok	0.58						
13418	ok	0.71						
13419	ok	0.80						
13421	ok	1.10						
13422	ok	0.52						
13423	ok	0.92						
13424	ok	1.11						
13425	ok	1.24						
13426	ok	0.54						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13428	ok	1.07						
13429	ok	0.82						
13430	ok	0.64						
13431	ok	0.49						
13432	ok	0.53						
13433	ok	0.49						
13435	ok	0.66						
13436	ok	0.53						
13437	ok	0.55						
13438	ok	0.50						
13439	ok	0.52						
13440	ok	0.51						
13442	ok	0.56						
13443	ok	0.67						
13445	ok	0.63						
13446	ok	0.54						
13447	ok	0.81						
13448	ok	0.56						
13449	ok	0.44						
13450	ok	0.44						
13451	ok	0.46						
13452	ok	0.51						
13453	ok	0.50						
13454	ok	0.42						
13456	ok	0.44						
13457	ok	0.47						
13459	ok	0.81						
13460	ok	1.37						
13461	ok	1.06						
13462	ok	0.76						
13463	ok	0.55						
13464	ok	0.44						
13465	ok	0.53						
13466	ok	0.57						
13467	ok	0.97						
13468	ok	0.45						
13470	ok	1.63						
13471	ok	0.95						
13472	ok	0.62						
13473	ok	0.43						
13474	ok	0.71						
13475	ok	0.87						
13477	ok	1.05						
13478	ok	0.41						
13479	ok	1.24						
13480	ok	1.45						
13481	ok	2.13						
13482	ok	0.48						
13484	ok	1.31						
13485	ok	0.87						
13486	ok	0.59						
13487	ok	0.57						
13488	ok	0.67						
13489	ok	0.98						
13491	ok	1.20						
13492	ok	0.70						
13494	ok	0.0						
13495	ok	2.31						
13496	ok	1.37						
13497	ok	0.62						
13498	ok	0.89						
13499	ok	0.57						
13500	ok	0.71						
13501	ok	0.91						
13502	ok	0.97						
13503	ok	1.69						
13505	ok	0.0						
13506	ok	0.77						
13507	ok	3.20						
13508	ok	2.62						
13509	ok	2.11						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13510	ok	1.14						
13512	ok	1.74						
13513	ok	1.38						
13514	ok	1.06						
13515	ok	1.38						
13516	ok	1.77						
13517	ok	0.0						
13519	ok	0.0						
13520	ok	1.73						
13521	ok	0.0						
13522	ok Av	11.86	0.04	0.41	1.2	13.5	29.0	322.5
13524	ok Av	8.80	0.01	0.30	0.4	10.0	10.7	239.1
13525	ok	2.99						
13526	ok Av	8.61	2.33e-03	0.29	7.72e-02	9.8	1.8	234.2
13527	ok	0.0						
13528	ok Av	6.72	1.33e-03	0.23	4.41e-02	7.6	1.1	182.7
13529	ok Av	5.26	0.16	0.08	5.4	2.5	129.9	59.9
13530	ok Av	5.80	1.25e-03	0.20	4.16e-02	6.6	1.0	157.6
13531	ok Av	9.12	5.08e-03	0.31	0.2	10.4	4.0	248.0
13532	ok	4.92						
13533	ok Av	13.96	0.45	0.23	15.0	7.5	358.2	180.7
13535	ok	0.0						
13536	ok	0.0						
13537	ok Av	7.88	1.92e-03	0.27	6.38e-02	8.9	1.5	214.2
13538	ok Av	23.13	0.64	0.49	21.1	16.2	506.4	387.2
13539	ok	4.48						
13540	ok Av	8.06	0.01	0.28	0.4	9.2	10.1	219.2
13542	ok Av	32.99	0.22	1.00	7.3	43.3	174.8	875.2
13543	ok	0.88						
13544	ok	2.37						
13545	ok	0.0						
13546	ok	0.75						
13547	ok	2.37						
13549	ok	0.0						
13550	ok	0.99						
13551	ok	0.0						
13552	ok	1.45						
13553	ok	1.08						
13554	ok	1.70						
13556	ok	1.04						
13557	ok	1.46						
13559	ok	1.14						
13560	ok	1.24						
13561	ok	1.46						
13562	ok	1.21						
13563	ok	1.25						
13564	ok	0.94						
13566	ok	1.24						
13567	ok	0.91						
13568	ok	0.85						
13569	ok	1.01						
13570	ok	1.10						
13571	ok	0.75						
13572	ok	0.76						
13573	ok	0.69						
13574	ok	0.71						
13575	ok	0.63						
13577	ok	0.65						
13578	ok	0.69						
13580	ok	0.73						
13581	ok	0.77						
13582	ok	1.14						
13583	ok	0.92						
13584	ok	0.89						
13585	ok	0.69						
13586	ok	0.66						
13587	ok	0.79						
13589	ok	1.22						
13591	ok	0.98						
13701	ok	1.35						
13702	ok	1.66						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13703	ok	0.0						
13704	ok	2.14						
13705	ok	2.57						
13706	ok	0.91						
13707	ok	1.26						
13708	ok	0.48						
13709	ok	0.78						
13710	ok	0.66						
13711	ok	0.93						
13712	ok	0.70						
13713	ok	1.40						
13714	ok	0.50						
13715	ok	1.09						
13716	ok	0.44						
13717	ok	1.55						
13718	ok	1.65						
13719	ok	1.54						
13720	ok	0.43						
13721	ok	1.67						
13722	ok	0.85						
13723	ok	1.02						
13724	ok	0.67						
13725	ok	0.78						
13726	ok	1.20						
13727	ok	1.37						
13728	ok	0.64						
13729	ok	0.30						
13730	ok	0.80						
13731	ok	0.77						
13732	ok	0.43						
13733	ok	0.19						
13734	ok	0.29						
13735	ok	0.51						
13736	ok	0.40						
13737	ok	0.75						
13738	ok	1.40						
13739	ok	0.77						
13740	ok	1.01						
13741	ok	1.35						
13742	ok	0.61						
13743	ok	0.92						
13744	ok	0.92						
13745	ok	0.32						
13746	ok	0.24						
13747	ok	1.04						
13748	ok	2.19						
13749	ok	0.73						
13750	ok	0.98						
13751	ok Av	8.47	1.22e-03	0.29	4.06e-02	9.6	1.0	230.4
13752	ok	1.29						
13753	ok	1.37						
13754	ok	1.25						
13755	ok	1.73						
13756	ok	1.47						
13757	ok	0.0						
13758	ok	2.15						
13759	ok	0.0						
13760	ok	0.0						
13761	ok	0.0						
13762	ok	1.27						
13763	ok	0.0						
13764	ok	1.94						
13765	ok	2.39						
13766	ok	0.88						
13767	ok	0.0						
13768	ok	0.0						
13769	ok	0.71						
13770	ok	0.82						
13771	ok	1.26						
13772	ok	1.27						
13773	ok	0.96						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13774	ok	0.84						
13775	ok	0.57						
13776	ok	0.45						
13777	ok	0.59						
13778	ok	0.59						
13779	ok	2.37						
13780	ok	1.72						
13781	ok	1.70						
13782	ok	1.30						
13783	ok	2.65						
13784	ok	2.02						
13785	ok	2.76						
13786	ok	2.15						
13787	ok	2.62						
13788	ok	1.91						
13789	ok	2.83						
13790	ok	2.19						
13791	ok	1.10						
13792	ok	0.97						
13793	ok	1.35						
13794	ok	1.67						
13795	ok	2.12						
13796	ok	1.18						
13797	ok	1.42						
13798	ok	1.65						
13799	ok	0.79						
13800	ok	0.72						
13801	ok	0.42						
13802	ok	0.36						
13803	ok	0.57						
13804	ok	0.50						
13805	ok	0.29						
13806	ok	0.23						
13807	ok	0.84						
13808	ok	0.27						
13809	ok	0.26						
13810	ok	0.48						
13811	ok	0.49						
13812	ok	0.36						
13813	ok	0.37						
13814	ok	0.73						
13815	ok	0.79						
13816	ok	0.77						
13817	ok	0.60						
13818	ok	0.63						
13819	ok	0.68						
13820	ok	0.60						
13821	ok	0.99						
13822	ok	0.93						
13823	ok	1.13						
13824	ok	0.98						
13825	ok	1.35						
13826	ok	1.15						
13827	ok	1.89						
13828	ok	1.17						
13829	ok	2.42						
13830	ok	1.87						
13831	ok	3.73						
13832	ok	1.53						
13833	ok	3.70						
13834	ok	3.39						
13835	ok	1.53						
13836	ok	1.79						
13837	ok	2.06						
13838	ok	2.79						
13839	ok	0.54						
13840	ok	2.36						
13841	ok	0.0						
13842	ok	2.13						
13843	ok	0.0						
13844	ok	0.45						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13845	ok	0.91						
13846	ok	1.58						
13847	ok	2.08						
13848	ok	0.91						
13849	ok	2.20						
13850	ok	1.18						
13851	ok	1.06						
13852	ok	0.72						
13853	ok	0.51						
13854	ok	0.0						
13855	ok	0.46						
13856	ok	0.55						
13857	ok	0.97						
13858	ok	1.20						
13859	ok	1.25						
13860	ok	0.73						
13861	ok	1.11						
13862	ok	0.75						
13863	ok	0.94						
13864	ok	0.61						
13865	ok	0.37						
13866	ok	0.62						
13867	ok	0.22						
13868	ok	4.18						
13869	ok	3.49						
13870	ok	2.20						
13871	ok	2.08						
13872	ok	0.0						
13873	ok	4.79						
13874	ok	0.78						
13875	ok	0.49						
13876	ok	5.08						
13877	ok	3.48						
13878	ok	0.0						
13879	ok	2.07						
13880	ok	1.30						
13881	ok	1.25						
13882	ok	1.62						
13883	ok	2.07						
13884	ok	2.85						
13885	ok	1.54						
13886	ok	1.95						
13887	ok	2.61						
13888	ok	0.94						
13889	ok	0.89						
13890	ok	1.09						
13891	ok	0.55						
13892	ok	0.51						
13893	ok	0.70						
13894	ok	0.66						
13895	ok	0.42						
13896	ok	0.39						
13897	ok	0.33						
13898	ok	0.32						
13899	ok	0.49						
13900	ok	0.49						
13901	ok	0.39						
13902	ok	0.39						
13903	ok	0.78						
13904	ok	0.78						
13905	ok	0.59						
13906	ok	0.64						
13907	ok	0.60						
13908	ok	1.05						
13909	ok Av	6.51	0.12	0.19	3.8	6.3	92.1	151.3
13910	ok	0.0						
13911	ok	0.0						
13912	ok	1.04						
13913	ok	0.0						
13914	ok	0.0						
13917	ok Av	10.59	0.32	0.24	10.7	7.8	257.4	187.6

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13918	ok	0.0						
13919	ok	0.61						
13920	ok	0.49						
13921	ok	1.08						
13922	ok	1.28						
13923	ok	0.51						
13924	ok	0.51						
13925	ok	0.50						
13926	ok	0.61						
13927	ok	0.74						
13928	ok	0.88						
13929	ok	1.03						
13930	ok	1.08						
13931	ok	1.73						
13932	ok	1.04						
13933	ok	0.73						
13934	ok	0.58						
13935	ok	0.85						
13936	ok	0.75						
13937	ok	0.62						
13938	ok	0.96						
13939	ok	0.75						
13940	ok	0.62						
13941	ok	0.98						
13942	ok	0.77						
13943	ok	0.61						
13944	ok	1.46						
13945	ok	0.96						
13946	ok	1.04						
13947	ok	0.78						
13948	ok	1.87						
13949	ok	1.08						
13950	ok	0.79						
13951	ok	1.08						
13952	ok	1.33						
13953	ok	0.86						
13954	ok	0.67						
13955	ok	0.70						
13956	ok	0.77						
13957	ok	0.85						
13958	ok	0.94						
13959	ok	4.77						
13960	ok	1.30						
13961	ok Av	5.96	0.20	0.07	6.7	2.2	159.6	53.8
13962	ok Av	10.38	0.26	0.27	8.5	8.9	203.7	213.5
13963	ok	2.46						
13964	ok	2.02						
13965	ok	1.31						
13966	ok	1.28						
13967	ok Av	6.11	0.06	0.21	2.1	6.8	50.7	163.8
13968	ok	2.41						
13969	ok	1.72						
13970	ok	1.82						
13971	ok	1.18						
13972	ok	1.50						
13973	ok	1.40						
13974	ok	1.22						
13975	ok	1.69						
13976	ok	1.69						
13977	ok	1.46						
13978	ok	1.64						
13979	ok	2.26						
13980	ok	2.46						
13981	ok Av	5.70	0.02	0.20	0.6	6.5	14.3	155.1
13982	ok	2.38						
13984	ok Av	17.50	0.34	0.50	11.2	16.6	267.6	397.5
13985	ok	1.24						
13986	ok	1.32						
13987	ok	1.55						
13988	ok Av	8.59	0.03	0.29	1.0	9.8	22.9	233.5
13990	ok	2.51						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
13991	ok	1.53						
13992	ok	1.25						
13993	ok	3.23						
13994	ok	2.86						
13995	ok	1.78						
13996	ok	1.95						
13997	ok	1.49						
13998	ok	1.62						
13999	ok	1.64						
14000	ok	1.14						
14001	ok	1.79						
14002	ok	1.22						
14004	ok	0.50						
14005	ok	0.53						
14006	ok	0.60						
14010	ok	0.97						
14011	ok	0.83						
14012	ok	0.68						
14013	ok	0.99						
14014	ok	0.72						
14015	ok	0.56						
14016	ok	1.01						
14017	ok	0.77						
14018	ok	0.61						
14019	ok	1.85						
14020	ok	1.18						
14021	ok	1.23						
14022	ok	1.60						
14023	ok	1.79						
14024	ok	1.41						
14025	ok	1.03						
14026	ok	0.94						
14027	ok	1.55						
14028	ok	1.24						
14029	ok	1.19						
14030	ok	1.04						
14031	ok	0.90						
14032	ok	0.57						
14033	ok	0.0						
14034	ok	0.0						
14035	ok	0.82						
14036	ok	0.61						
14037	ok	0.55						
14038	ok	0.98						
14039	ok	0.72						
14040	ok	0.90						
14041	ok	0.70						
14042	ok	0.49						
14043	ok	0.55						
14044	ok	0.64						
14045	ok	0.41						
14046	ok	0.48						
14049	ok	0.95						
14050	ok	1.15						
14051	ok	1.49						
14054	ok	0.55						
14055	ok	0.42						
14056	ok	0.41						
14057	ok	0.50						
14058	ok	0.54						
14059	ok	0.49						
14060	ok	0.76						
14061	ok	0.46						
14062	ok	0.67						
14063	ok	2.02						
14064	ok	1.31						
14065	ok	1.98						
14066	ok	1.60						
14067	ok	0.59						
14068	ok	1.19						
14069	ok	1.28						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14070	ok	0.87						
14072	ok	0.59						
14073	ok	0.42						
14074	ok	0.42						
14075	ok	2.13						
14076	ok	1.62						
14077	ok	2.13						
14078	ok	2.20						
14079	ok	2.23						
14080	ok	2.21						
14081	ok	2.20						
14082	ok	1.93						
14083	ok	1.59						
14084	ok	1.55						
14085	ok	1.49						
14086	ok	1.42						
14087	ok	2.20						
14088	ok	2.20						
14089	ok	2.17						
14090	ok	2.10						
14091	ok	1.90						
14092	ok	1.87						
14093	ok	1.82						
14094	ok	1.74						
14095	ok	0.86						
14096	ok	1.03						
14097	ok	1.66						
14098	ok	1.89						
14099	ok	1.91						
14100	ok	3.21						
14101	ok	1.74						
14102	ok	1.01						
14103	ok	0.89						
14104	ok	1.49						
14105	ok	0.0						
14106	ok	0.0						
14107	ok	0.84						
14108	ok	0.85						
14109	ok	0.0						
14110	ok	1.90						
14111	ok	1.24						
14112	ok	0.81						
14113	ok	1.01						
14114	ok	0.58						
14115	ok	0.0						
14116	ok	2.77						
14117	ok	2.74						
14118	ok	1.60						
14119	ok	1.57						
14120	ok	1.40						
14121	ok	0.0						
14122	ok	0.66						
14123	ok	1.63						
14124	ok	0.0						
14125	ok	1.70						
14126	ok	0.0						
14127	ok	1.31						
14128	ok	0.0						
14129	ok	0.0						
14130	ok	0.0						
14131	ok	0.0						
14132	ok	0.0						
14133	ok	0.0						
14134	ok	1.53						
14135	ok Av	6.22	0.11	0.19	3.6	6.3	85.7	151.8
14136	ok	1.48						
14137	ok	2.07						
14138	ok	2.63						
14139	ok	4.48						
14140	ok	2.23						
14141	ok	1.66						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14142	ok	1.65						
14143	ok	2.74						
14144	ok	2.27						
14145	ok	2.16						
14146	ok	2.00						
14147	ok	0.96						
14148	ok	0.96						
14149	ok	0.90						
14150	ok	1.46						
14151	ok	0.82						
14152	ok	0.83						
14153	ok	0.92						
14154	ok	0.92						
14155	ok	1.03						
14156	ok	0.85						
14157	ok	0.82						
14158	ok	0.92						
14159	ok	1.36						
14160	ok	1.32						
14161	ok	1.24						
14162	ok	1.10						
14163	ok	1.40						
14164	ok	1.09						
14165	ok	1.00						
14166	ok	1.21						
14167	ok	1.29						
14168	ok	1.34						
14169	ok	1.38						
14170	ok	1.24						
14171	ok Av	8.18	0.27	0.11	9.0	3.8	215.6	91.0
14172	ok	1.30						
14173	ok Av	13.56	0.19	0.46	6.4	15.3	152.8	307.7
14174	ok Av	5.18	0.08	0.16	2.6	5.3	62.5	128.0
14175	ok	3.61						
14176	ok Av	8.20	0.24	0.23	8.0	7.5	163.6	179.9
14177	ok Av	23.40	0.62	0.56	20.7	18.5	495.0	429.3
14178	ok Av	5.71	0.14	0.14	4.6	4.6	109.4	110.2
14179	ok	2.62						
14180	ok	1.29						
14181	ok	1.13						
14182	ok	0.82						
14183	ok	0.91						
14184	ok	1.35						
14185	ok Av	7.80	0.19	0.24	6.3	8.0	150.1	190.6
14186	ok	4.84						
14187	ok	1.75						
14188	ok	2.98						
14189	ok	4.66						
14190	ok	1.97						
14191	ok	1.91						
14192	ok	0.96						
14193	ok	0.93						
14194	ok	2.01						
14195	ok	2.31						
14196	ok	1.19						
14197	ok	3.02						
14198	ok	1.63						
14199	ok	1.07						
14200	ok	1.04						
14201	ok	1.00						
14202	ok	0.96						
14203	ok	1.22						
14204	ok	1.18						
14205	ok	1.14						
14206	ok	1.07						
14207	ok	1.23						
14208	ok	1.38						
14209	ok	1.41						
14210	ok	1.03						
14211	ok	1.10						
14212	ok	1.09						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14213	ok	1.10						
14214	ok	1.21						
14215	ok	1.24						
14216	ok	1.24						
14217	ok	0.0						
14218	ok	1.12						
14219	ok	1.41						
14220	ok	1.60						
14221	ok	1.71						
14222	ok	1.16						
14223	ok	1.59						
14224	ok	0.45						
14225	ok	0.83						
14226	ok	0.91						
14227	ok	1.52						
14228	ok	0.0						
14229	ok	0.0						
14230	ok	0.0						
14231	ok	0.0						
14232	ok	1.53						
14233	ok	1.08						
14234	ok	1.01						
14235	ok	0.0						
14236	ok	0.0						
14237	ok	1.62						
14238	ok	0.40						
14240	ok	0.58						
14241	ok	0.87						
14242	ok	1.53						
14244	ok	0.39						
14245	ok	0.94						
14246	ok	0.75						
14247	ok	0.50						
14249	ok	0.40						
14250	ok	2.04						
14251	ok	1.04						
14252	ok	0.52						
14253	ok	0.61						
14254	ok	0.51						
14255	ok	0.39						
14256	ok	0.31						
14257	ok	0.60						
14258	ok	0.40						
14259	ok	0.42						
14260	ok	0.47						
14261	ok	0.90						
14262	ok	0.76						
14263	ok	0.69						
14264	ok	1.33						
14265	ok	0.76						
14266	ok	0.98						
14267	ok	1.13						
14268	ok	2.02						
14269	ok	1.19						
14270	ok	1.41						
14271	ok	0.0						
14272	ok	0.0						
14273	ok	2.64						
14274	ok	0.68						
14275	ok	0.52						
14276	ok	0.99						
14277	ok	1.74						
14278	ok	1.27						
14279	ok	0.98						
14280	ok	0.66						
14281	ok	0.75						
14282	ok	0.54						
14283	ok	0.58						
14284	ok	0.29						
14285	ok	0.64						
14286	ok	0.94						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14287	ok	1.16						
14288	ok	2.15						
14289	ok	2.78						
14290	ok	2.47						
14291	ok	0.63						
14292	ok	0.66						
14293	ok	1.03						
14294	ok	0.89						
14295	ok	1.04						
14296	ok	1.31						
14297	ok	1.29						
14298	ok	1.46						
14299	ok	0.85						
14300	ok	1.33						
14301	ok	2.08						
14302	ok	2.06						
14305	ok	0.42						
14306	ok	0.23						
14307	ok	0.37						
14312	ok	3.70						
14313	ok	1.51						
14314	ok	0.72						
14315	ok	1.67						
14316	ok	0.50						
14317	ok	0.42						
14318	ok	0.37						
14319	ok	0.73						
14320	ok	0.23						
14321	ok	0.34						
14322	ok	0.27						
14323	ok	0.57						
14324	ok	0.60						
14325	ok	0.37						
14326	ok	0.40						
14328	ok	0.93						
14330	ok	3.50						
14331	ok	0.99						
14332	ok	0.99						
14333	ok	1.48						
14334	ok	2.21						
14335	ok	3.52						
14337	ok	1.40						
14338	ok	1.77						
14339	ok	3.00						
14340	ok	3.42						
14341	ok	1.50						
14342	ok	2.05						
14343	ok	3.08						
14345	ok	0.66						
14346	ok	0.49						
14347	ok	0.68						
14348	ok	0.63						
14349	ok	0.56						
14350	ok	0.58						
14351	ok	0.60						
14352	ok	0.61						
14353	ok	0.42						
14354	ok	0.41						
14355	ok	0.50						
14356	ok	0.58						
14358	ok	3.47						
14359	ok	1.94						
14360	ok	0.75						
14361	ok	0.26						
14362	ok	0.35						
14363	ok	0.48						
14364	ok	0.99						
14365	ok	1.21						
14366	ok	0.65						
14367	ok	1.58						
14368	ok	0.45						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14369	ok	0.26						
14370	ok	0.22						
14371	ok	0.31						
14372	ok	0.45						
14373	ok	0.64						
14374	ok	0.88						
14375	ok	1.14						
14376	ok	1.05						
14377	ok	0.91						
14378	ok	0.77						
14379	ok	0.52						
14380	ok	0.37						
14381	ok	0.35						
14382	ok	0.57						
14383	ok	0.86						
14384	ok	1.22						
14385	ok	1.27						
14386	ok	1.12						
14387	ok	0.78						
14388	ok	0.67						
14389	ok	0.82						
14390	ok	0.60						
14391	ok	0.71						
14392	ok	0.81						
14393	ok	0.88						
14394	ok	0.42						
14395	ok	0.51						
14396	ok	0.58						
14397	ok	0.64						
14398	ok	0.33						
14399	ok	0.38						
14400	ok	0.42						
14401	ok	0.45						
14402	ok	0.42						
14403	ok	0.35						
14404	ok	0.33						
14405	ok	0.31						
14406	ok	0.61						
14407	ok	0.46						
14408	ok	0.32						
14409	ok	0.24						
14410	ok	0.83						
14411	ok	0.59						
14412	ok	0.39						
14413	ok	0.23						
14414	ok	0.89						
14415	ok	0.70						
14416	ok	0.59						
14417	ok	0.51						
14418	ok	1.41						
14419	ok	0.73						
14420	ok	1.38						
14421	ok	1.24						
14422	ok	1.06						
14423	ok	0.88						
14424	ok	1.77						
14425	ok	0.78						
14426	ok	1.73						
14427	ok	1.49						
14428	ok	1.24						
14429	ok	0.98						
14430	ok	2.11						
14431	ok	0.86						
14432	ok	2.04						
14433	ok	1.78						
14434	ok	1.43						
14435	ok	1.10						
14437	ok	0.83						
14438	ok	3.38						
14439	ok	3.36						
14440	ok	2.74						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14441	ok	2.15						
14442	ok	1.36						
14443	ok	0.88						
14444	ok	1.26						
14445	ok	1.75						
14446	ok	2.43						
14447	ok	2.73						
14449	ok	0.83						
14452	ok	3.71						
14453	ok	2.15						
14454	ok	1.39						
14455	ok	0.80						
14456	ok	1.37						
14457	ok	2.48						
14458	ok	3.06						
14460	ok	0.33						
14461	ok	0.49						
14462	ok	3.17						
14463	ok	4.04						
14464	ok	0.39						
14465	ok Av	7.28	9.66e-04	0.25	3.20e-02	8.3	0.8	198.0
14466	ok Av	9.22	1.16e-03	0.32	3.85e-02	10.5	0.9	250.7
14467	ok	1.30						
14468	ok	2.98						
14469	ok	2.03						
14470	ok	1.31						
14471	ok	2.14						
14472	ok	0.73						
14473	ok	0.44						
14474	ok	1.32						
14475	ok	0.35						
14476	ok	0.48						
14477	ok Av	10.00	1.38e-03	0.34	4.57e-02	11.4	1.1	271.9
14478	ok	1.24						
14479	ok	0.0						
14480	ok	0.52						
14481	ok	1.80						
14482	ok	1.11						
14483	ok Av	10.59	2.01e-03	0.36	6.68e-02	12.0	1.6	288.0
14484	ok	4.85						
14485	ok	0.0						
14486	ok	5.04						
14487	ok	0.0						
14488	ok	0.0						
14489	ok	3.80						
14490	ok	0.67						
14491	ok	0.0						
14492	ok	1.23						
14493	ok	1.56						
14494	ok	2.01						
14495	ok	2.67						
14496	ok	2.16						
14497	ok	0.70						
14498	ok	0.90						
14499	ok	0.53						
14500	ok	0.67						
14501	ok	0.42						
14502	ok	0.34						
14503	ok	0.45						
14504	ok	0.38						
14505	ok	1.01						
14506	ok	0.0						
14507	ok	0.0						
14508	ok	1.33						
14509	ok	0.0						
14510	ok	1.69						
14511	ok	0.96						
14512	ok	0.95						
14513	ok	0.93						
14514	ok	2.68						
14515	ok	1.56						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14516	ok	1.27						
14517	ok	0.96						
14518	ok	0.0						
14519	ok	0.89						
14520	ok	0.70						
14521	ok	0.53						
14526	ok	0.63						
14527	ok	0.57						
14528	ok	0.48						
14529	ok	0.38						
14530	ok	0.95						
14531	ok	0.54						
14532	ok	0.68						
14533	ok	0.39						
14534	ok	0.77						
14535	ok	0.99						
14536	ok	1.21						
14537	ok	1.02						
14538	ok	1.00						
14539	ok	1.20						
14540	ok	0.24						
14541	ok	0.36						
14542	ok	0.53						
14543	ok	0.63						
14544	ok	1.13						
14545	ok	1.24						
14546	ok	1.29						
14547	ok	0.38						
14548	ok	0.31						
14549	ok	0.26						
14550	ok	0.27						
14551	ok	0.86						
14552	ok	0.72						
14553	ok	0.0						
14554	ok	0.0						
14555	ok	2.06						
14556	ok	0.92						
14557	ok	2.22						
14558	ok	2.26						
14559	ok	1.91						
14560	ok	1.45						
14561	ok	1.14						
14562	ok	0.98						
14563	ok	1.13						
14564	ok	0.92						
14565	ok	0.86						
14566	ok	0.75						
14567	ok	0.62						
14568	ok	0.54						
14569	ok	1.27						
14570	ok	1.31						
14571	ok	1.30						
14572	ok	1.19						
14573	ok	1.05						
14574	ok	0.89						
14575	ok	0.74						
14576	ok	0.55						
14577	ok	1.17						
14578	ok	1.81						
14579	ok	1.58						
14580	ok	1.39						
14581	ok	1.16						
14582	ok	0.90						
14583	ok	1.01						
14584	ok	0.53						
14585	ok	0.31						
14586	ok	0.24						
14587	ok	0.43						
14589	ok	4.53						
14590	ok	2.98						
14591	ok	2.26						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14592	ok	1.50						
14593	ok	1.04						
14594	ok	0.62						
14595	ok	3.52						
14596	ok	2.99						
14597	ok	2.42						
14598	ok	1.71						
14599	ok	1.21						
14600	ok	0.86						
14601	ok	5.03						
14602	ok	3.48						
14603	ok	2.88						
14604	ok	2.00						
14605	ok	1.50						
14606	ok	0.65						
14607	ok	0.0						
14609	ok	4.97						
14610	ok	3.19						
14611	ok	2.03						
14612	ok	1.50						
14613	ok	1.02						
14614	ok	0.69						
14615	ok	1.31						
14616	ok	0.75						
14617	ok	4.89						
14618	ok	3.72						
14619	ok	2.77						
14620	ok	1.77						
14621	ok	1.49						
14622	ok	1.00						
14623	ok	1.01						
14624	ok	0.0						
14625	ok	5.05						
14626	ok	3.02						
14627	ok	1.93						
14628	ok	1.51						
14629	ok	1.03						
14630	ok	1.25						
14631	ok	0.71						
14632	ok	0.96						
14633	ok	2.50						
14634	ok	2.19						
14635	ok	0.41						
14636	ok	1.60						
14637	ok	1.19						
14638	ok	1.00						
14639	ok	0.69						
14640	ok	3.43						
14641	ok	3.07						
14642	ok	2.36						
14643	ok	1.47						
14644	ok	1.36						
14645	ok	0.92						
14646	ok	1.33						
14647	ok	1.02						
14648	ok	1.93						
14649	ok	1.99						
14650	ok	1.45						
14651	ok	1.19						
14652	ok	0.55						
14653	ok	0.84						
14654	ok	0.35						
14655	ok	0.75						
14656	ok	1.39						
14657	ok	1.59						
14658	ok	1.12						
14659	ok	0.95						
14660	ok	0.99						
14661	ok	0.78						
14662	ok	0.34						
14663	ok	0.74						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14664	ok	1.22						
14665	ok	1.32						
14666	ok	1.07						
14667	ok	0.92						
14668	ok	0.52						
14669	ok	0.63						
14670	ok	0.49						
14671	ok	0.0						
14672	ok	0.0						
14673	ok	3.03						
14674	ok	1.91						
14675	ok	1.44						
14676	ok	0.94						
14677	ok	0.45						
14678	ok	0.60						
14679	ok	1.12						
14680	ok	1.19						
14681	ok	1.13						
14682	ok	1.48						
14683	ok	2.03						
14684	ok	3.32						
14685	ok	0.0						
14686	ok	0.83						
14687	ok	0.81						
14688	ok	0.87						
14689	ok	0.50						
14690	ok	0.44						
14691	ok	0.54						
14692	ok	0.60						
14693	ok	0.64						
14694	ok	0.54						
14695	ok	0.78						
14696	ok	0.51						
14697	ok	0.47						
14698	ok	0.47						
14699	ok	0.69						
14700	ok	0.41						
14701	ok	0.30						
14702	ok	0.49						
14703	ok	0.64						
14704	ok	0.63						
14705	ok	0.66						
14706	ok	0.97						
14707	ok	0.33						
14708	ok	0.41						
14709	ok	0.47						
14710	ok	0.61						
14711	ok	1.07						
14712	ok	1.17						
14713	ok	1.17						
14714	ok	0.30						
14715	ok	0.42						
14716	ok	0.59						
14717	ok	1.00						
14718	ok	0.91						
14719	ok	2.21						
14721	ok	0.42						
14722	ok	0.60						
14723	ok	0.84						
14724	ok	1.22						
14725	ok	1.60						
14726	ok	2.38						
14727	ok	3.71						
14728	ok	0.38						
14729	ok	0.31						
14730	ok	0.42						
14731	ok	0.71						
14732	ok	1.26						
14733	ok	2.34						
14734	ok	0.0						
14735	ok	0.87						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14736	ok	0.0						
14737	ok	0.66						
14738	ok	0.0						
14739	ok	1.71						
14740	ok	1.95						
14741	ok	2.39						
14742	ok	1.02						
14743	ok	0.96						
14744	ok	4.13						
14745	ok	5.05						
14746	ok Av	5.88	0.20	2.45e-03	6.7	8.13e-02	159.8	1.9
14747	ok Av	6.59	0.23	5.48e-03	7.5	0.2	179.3	4.3
14748	ok Av	7.01	0.24	0.01	8.0	0.4	190.7	8.7
14749	ok Av	8.19	0.28	6.47e-03	9.3	0.2	222.7	5.1
14750	ok	0.0						
14751	ok	1.01						
14752	ok	1.13						
14753	ok	0.69						
14754	ok	2.60						
14755	ok	1.30						
14756	ok	0.52						
14757	ok	0.79						
14758	ok	0.59						
14759	ok	0.88						
14760	ok	0.64						
14761	ok	0.59						
14762	ok	1.26						
14763	ok	1.11						
14764	ok	1.08						
14765	ok	0.58						
14766	ok	0.65						
14767	ok	3.52						
14768	ok	0.56						
14769	ok	0.42						
14770	ok	0.46						
14771	ok	0.25						
14772	ok	0.34						
14773	ok	0.28						
14774	ok	0.38						
14775	ok	0.32						
14776	ok	0.34						
14777	ok	0.22						
14778	ok	0.38						
14779	ok	0.29						
14780	ok Av	6.63	0.02	0.23	0.6	7.5	14.5	179.7
14781	ok	0.33						
14782	ok	1.28						
14783	ok	1.25						
14784	ok	1.23						
14785	ok	0.94						
14786	ok Av	7.80	0.01	0.27	0.4	8.8	10.8	211.9
14787	ok	0.0						
14788	ok	1.02						
14789	ok	0.38						
14790	ok	1.61						
14791	ok	2.50						
14792	ok	0.67						
14793	ok	0.72						
14794	ok	0.71						
14795	ok Av	11.04	5.17e-03	0.38	0.2	12.5	4.1	300.4
14796	ok	0.70						
14797	ok	0.69						
14798	ok	1.30						
14799	ok	0.62						
14800	ok	0.61						
14801	ok	3.70						
14802	ok	1.51						
14803	ok	0.63						
14804	ok	1.39						
14805	ok Av	7.24	0.23	0.11	7.6	3.5	181.7	84.7
14806	ok Av	11.42	3.20e-03	0.39	0.1	13.0	2.5	310.5

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14807	ok Av	10.75	0.23	0.29	7.6	9.5	182.9	228.5
14808	ok	1.20						
14809	ok	1.65						
14810	ok	1.62						
14811	ok	1.59						
14812	ok	1.54						
14813	ok	0.99						
14814	ok Av	11.30	2.27e-03	0.39	7.53e-02	12.8	1.8	307.3
14816	ok Av	5.77	0.19	0.04	6.4	1.3	153.8	31.3
14817	ok Av	8.76	0.30	0.03	9.9	0.9	237.4	21.2
14818	ok Av	6.32	0.21	0.07	6.8	2.2	163.6	53.5
14819	ok	4.54						
14820	ok	4.89						
14821	ok	5.09						
14822	ok	5.06						
14823	ok	1.41						
14824	ok	0.76						
14825	ok	0.96						
14826	ok	0.48						
14827	ok	0.37						
14828	ok	0.44						
14829	ok	0.27						
14830	ok	0.69						
14831	ok	0.52						
14832	ok	1.29						
14833	ok	1.78						
14834	ok	1.58						
14835	ok	0.0						
14836	ok	1.79						
14837	ok	0.0						
14838	ok	0.80						
14839	ok	0.71						
14840	ok	0.91						
14841	ok	0.91						
14842	ok	1.90						
14843	ok	0.88						
14844	ok	0.80						
14845	ok	0.54						
14846	ok	1.85						
14847	ok	1.62						
14848	ok	0.96						
14849	ok	0.63						
14850	ok	0.38						
14851	ok	0.41						
14852	ok	0.63						
14853	ok	0.92						
14854	ok	0.88						
14855	ok	0.82						
14856	ok	0.67						
14857	ok	0.50						
14858	ok	0.37						
14859	ok	0.28						
14860	ok	0.32						
14861	ok	0.37						
14862	ok	0.48						
14863	ok	0.69						
14864	ok	1.04						
14865	ok	1.48						
14866	ok	0.69						
14867	ok	0.70						
14868	ok	0.68						
14869	ok	0.52						
14870	ok	0.52						
14871	ok	0.48						
14872	ok	0.41						
14873	ok	0.42						
14874	ok	0.40						
14875	ok	0.36						
14876	ok	0.46						
14877	ok	0.55						
14878	ok	0.45						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14879	ok	0.60						
14880	ok	0.75						
14881	ok	0.55						
14882	ok	0.78						
14883	ok	1.15						
14884	ok	0.58						
14885	ok	0.74						
14886	ok	1.07						
14887	ok	1.11						
14888	ok	0.89						
14889	ok	1.11						
14890	ok	1.02						
14891	ok	0.91						
14892	ok	1.46						
14893	ok	0.94						
14894	ok	1.39						
14895	ok	1.18						
14896	ok	0.97						
14897	ok	1.18						
14898	ok	1.98						
14899	ok	1.62						
14900	ok	1.00						
14901	ok	1.21						
14902	ok	0.82						
14903	ok	1.85						
14904	ok	0.0						
14905	ok	0.61						
14906	ok	0.0						
14907	ok	0.50						
14908	ok	0.31						
14909	ok	0.41						
14910	ok	0.68						
14911	ok	1.07						
14912	ok	1.99						
14913	ok	2.40						
14914	ok	0.60						
14915	ok	0.0						
14916	ok	0.44						
14917	ok	0.25						
14918	ok	0.39						
14919	ok	0.65						
14920	ok	1.11						
14921	ok	2.15						
14922	ok	0.0						
14923	ok	0.67						
14924	ok	0.0						
14925	ok	0.50						
14926	ok	0.29						
14927	ok	0.42						
14928	ok	0.74						
14929	ok	1.21						
14930	ok	1.87						
14931	ok	0.0						
14932	ok	0.80						
14933	ok	0.0						
14934	ok	0.56						
14935	ok	0.33						
14936	ok	0.41						
14937	ok	0.71						
14938	ok	1.19						
14939	ok	1.98						
14940	ok	0.0						
14941	ok	0.81						
14942	ok	1.02						
14943	ok	0.69						
14944	ok	0.71						
14945	ok	0.98						
14946	ok	1.32						
14947	ok	0.82						
14948	ok	0.90						
14949	ok	0.83						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
14950	ok	0.85						
14951	ok	0.58						
14952	ok	0.36						
14953	ok	0.23						
14954	ok	0.35						
14955	ok	0.50						
14956	ok	0.67						
14957	ok	0.58						
14958	ok	0.72						
14959	ok	0.63						
14960	ok	0.63						
14961	ok	0.66						
14962	ok	0.42						
14963	ok	0.47						
14964	ok	0.27						
14965	ok	0.31						
14966	ok	0.23						
14967	ok	0.19						
14968	ok	0.35						
14969	ok	0.23						
14970	ok	0.46						
14971	ok	0.31						
14972	ok	0.46						
14973	ok	0.43						
14974	ok	1.01						
14975	ok	0.97						
14976	ok	1.04						
14977	ok	1.83						
14978	ok	0.0						
14979	ok	1.59						
14980	ok	1.56						
14981	ok	0.0						
14982	ok	0.0						
14983	ok	1.28						
14984	ok	1.32						
14985	ok	1.18						
14986	ok	0.72						
14987	ok	0.77						
14988	ok	1.61						
14989	ok	1.95						
14990	ok	0.75						
14991	ok	0.87						
14992	ok	0.86						
14993	ok	1.09						
14994	ok	0.96						
14995	ok	1.17						
14996	ok	0.69						
14997	ok	0.84						
14998	ok	0.74						
14999	ok	0.93						
15000	ok	0.72						
15001	ok	0.69						
15002	ok	0.68						
15003	ok	0.67						
15004	ok	0.90						
15005	ok	0.88						
15006	ok	0.85						
15007	ok	0.84						
15008	ok	0.58						
15009	ok	0.60						
15010	ok	0.58						
15011	ok	0.56						
15012	ok	0.55						
15013	ok	0.55						
15014	ok	1.10						
15015	ok	0.65						
15016	ok	0.75						
15017	ok	0.93						
15018	ok	0.90						
15019	ok	0.55						
15020	ok	0.64						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15021	ok	0.76						
15022	ok	0.49						
15023	ok	1.36						
15024	ok	1.13						
15025	ok	1.67						
15026	ok	0.77						
15027	ok	0.81						
15028	ok	0.93						
15029	ok	1.31						
15030	ok	0.85						
15031	ok	0.89						
15032	ok	1.14						
15033	ok	0.0						
15034	ok	0.59						
15035	ok	1.32						
15036	ok	1.56						
15037	ok	1.91						
15038	ok	1.42						
15039	ok	0.70						
15040	ok	0.45						
15041	ok	0.51						
15042	ok	0.58						
15043	ok	0.79						
15044	ok	0.94						
15045	ok	0.66						
15046	ok	0.67						
15047	ok	0.47						
15048	ok	0.60						
15049	ok	0.70						
15050	ok	0.37						
15051	ok	0.52						
15052	ok	0.71						
15053	ok	0.71						
15054	ok	0.67						
15055	ok	1.14						
15056	ok	3.03						
15057	ok	2.11						
15058	ok Av	5.66	0.10	0.17	3.2	5.6	77.4	133.1
15059	ok	2.57						
15060	ok	2.17						
15061	ok	1.33						
15062	ok	1.88						
15063	ok	1.55						
15064	ok	1.11						
15065	ok	0.46						
15066	ok	0.0						
15067	ok	0.39						
15068	ok	4.18						
15069	ok Av	7.22	0.25	0.05	8.2	1.7	196.5	41.8
15070	ok	4.80						
15071	ok	1.03						
15072	ok	0.88						
15073	ok	0.85						
15074	ok	0.68						
15075	ok	0.58						
15076	ok	0.68						
15077	ok	0.60						
15078	ok	0.57						
15079	ok	1.44						
15080	ok	0.72						
15081	ok	1.46						
15082	ok	0.55						
15083	ok	0.78						
15084	ok	3.39						
15085	ok	3.72						
15086	ok	4.43						
15087	ok	0.66						
15088	ok	0.49						
15089	ok	0.50						
15090	ok	0.45						
15091	ok	0.41						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15092	ok	4.04						
15093	ok	0.38						
15094	ok	1.53						
15095	ok	2.17						
15096	ok	0.92						
15097	ok	0.95						
15098	ok	0.32						
15099	ok	0.41						
15100	ok	0.63						
15101	ok Av	5.57	0.19	7.41e-03	6.3	0.2	151.3	5.9
15102	ok	0.80						
15103	ok	0.90						
15104	ok	0.0						
15105	ok	1.01						
15106	ok	0.73						
15107	ok	0.67						
15108	ok	1.03						
15109	ok	0.71						
15110	ok	0.67						
15111	ok	1.36						
15112	ok	1.25						
15113	ok	1.32						
15114	ok	1.36						
15115	ok	1.89						
15116	ok	1.54						
15117	ok	1.72						
15118	ok	1.84						
15119	ok	0.0						
15120	ok	0.96						
15121	ok	1.53						
15122	ok	0.0						
15123	ok	1.12						
15124	ok	0.94						
15125	ok	0.97						
15126	ok	0.76						
15127	ok	0.68						
15128	ok	0.89						
15129	ok	0.94						
15130	ok	0.76						
15131	ok	0.97						
15132	ok	1.52						
15133	ok	0.82						
15134	ok	1.01						
15135	ok	0.61						
15136	ok	0.52						
15137	ok	0.46						
15138	ok	0.38						
15139	ok	0.0						
15140	ok	0.46						
15141	ok	0.37						
15142	ok	0.57						
15143	ok	0.58						
15144	ok	0.60						
15145	ok	0.60						
15146	ok	0.40						
15147	ok	0.41						
15148	ok	0.42						
15149	ok	0.42						
15150	ok	0.47						
15151	ok	0.46						
15152	ok	0.45						
15153	ok	0.44						
15154	ok	3.36						
15155	ok	0.97						
15156	ok	0.66						
15157	ok	1.87						
15158	ok Av	7.26	0.22	0.13	7.2	4.4	161.7	61.7
15159	ok Av	10.32	0.33	0.27	11.0	8.8	196.4	211.7
15160	ok	2.57						
15161	ok	2.90						
15162	ok	4.62						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15163	ok	3.08						
15164	ok	2.46						
15165	ok	2.38						
15166	ok	1.15						
15167	ok	1.06						
15168	ok	4.98						
15169	ok	2.16						
15170	ok	2.77						
15171	ok	0.92						
15172	ok	2.66						
15173	ok	2.78						
15174	ok Av	11.35	0.39	0.04	12.9	1.2	308.5	29.4
15175	ok	4.97						
15176	ok Av	9.69	0.33	0.03	11.0	1.1	262.7	27.2
15177	ok	2.58						
15178	ok Av	20.39	0.70	0.13	23.1	4.2	553.2	101.6
15179	ok	3.83						
15180	ok Av	5.28	0.18	7.10e-04	6.0	2.36e-02	143.5	0.6
15181	ok Av	6.35	0.22	6.56e-03	7.2	0.2	172.6	5.2
15182	ok Av	7.75	0.26	0.03	8.8	1.1	210.1	25.2
15184	ok Av	19.22	0.23	0.62	7.7	20.4	89.6	419.3
15185	ok	5.18						
15186	ok	2.84						
15187	ok	0.76						
15188	ok	4.33						
15189	ok Av	10.36	0.23	0.28	7.6	9.1	144.4	188.2
15190	ok	0.0						
15191	ok	1.16						
15192	ok	1.18						
15193	ok	2.94						
15194	ok	1.86						
15195	ok	0.78						
15196	ok	0.82						
15197	ok	1.10						
15198	ok	1.23						
15199	ok	1.77						
15200	ok	1.41						
15201	ok	0.85						
15202	ok	0.52						
15203	ok	0.49						
15204	ok	0.71						
15205	ok	1.46						
15206	ok	0.0						
15207	ok	1.46						
15208	ok	0.82						
15209	ok	0.76						
15210	ok	0.68						
15211	ok	0.85						
15212	ok	0.73						
15213	ok	1.31						
15214	ok	1.36						
15215	ok	0.61						
15216	ok	0.87						
15217	ok	1.04						
15218	ok	0.96						
15219	ok Av	10.92	2.00e-03	0.37	6.63e-02	12.4	1.6	297.0
15220	ok	1.20						
15221	ok	0.75						
15222	ok	1.01						
15223	ok	0.66						
15224	ok	0.71						
15225	ok	0.59						
15226	ok	3.82						
15227	ok	2.53						
15228	ok Av	8.32	0.28	0.01	9.4	0.4	226.0	9.8
15229	ok	1.60						
15230	ok	0.78						
15231	ok	0.0						
15232	ok	0.67						
15233	ok	0.90						
15234	ok	0.58						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15235	ok	0.60						
15236	ok	1.62						
15237	ok	0.67						
15238	ok	0.73						
15239	ok	1.22						
15240	ok Av	8.15	0.28	0.01	9.3	0.5	221.7	11.1
15241	ok	3.81						
15242	ok	0.95						
15243	ok	1.04						
15244	ok	1.10						
15245	ok Av	5.69	0.19	0.02	6.4	0.7	153.8	16.8
15246	ok	4.84						
15247	ok	1.22						
15248	ok	1.39						
15249	ok	0.81						
15250	ok	0.79						
15251	ok	2.93						
15252	ok Av	8.90	0.30	0.04	10.0	1.3	240.0	32.0
15253	ok Av	6.83	0.22	0.07	7.4	2.3	177.7	54.1
15254	ok	1.37						
15255	ok	0.60						
15260	ok	4.73						
15262	ok	0.0						
15263	ok Av	5.33	0.18	1.54e-03	6.1	5.12e-02	145.0	1.2
15265	ok Av	5.73	0.20	1.79e-03	6.5	5.93e-02	155.8	1.4
15268	ok Av	5.95	0.20	4.84e-03	6.8	0.2	161.8	3.8
15270	ok	1.39						
15273	ok	2.78						
15279	ok	0.0						
15280	ok	1.89						
15281	ok	0.77						
15282	ok	0.0						
15283	ok	1.23						
15285	ok	0.52						
15286	ok	0.0						
15287	ok	0.0						
15288	ok	0.0						
15289	ok	1.66						
15290	ok	3.86						
15291	ok	0.0						
15293	ok	0.0						
15294	ok	0.0						
15295	ok	0.43						
15296	ok	2.44						
15297	ok	1.14						
15298	ok	1.52						
15299	ok	4.90						
15300	ok	0.51						
15301	ok	0.65						
15302	ok	1.09						
15303	ok	3.16						
15304	ok	0.39						
15305	ok	2.77						
15307	ok	0.0						
15308	ok	2.18						
15310	ok	0.0						
15311	ok	0.86						
15312	ok	1.66						
15313	ok	0.97						
15314	ok	0.0						
15315	ok	1.75						
15316	ok	1.94						
15317	ok	1.73						
15318	ok	1.22						
15319	ok	0.93						
15320	ok	0.0						
15321	ok	0.0						
15322	ok	2.07						
15323	ok	1.27						
15324	ok	1.00						
15325	ok	0.78						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15326	ok	0.82						
15327	ok	0.95						
15328	ok	0.97						
15329	ok	0.74						
15330	ok	0.70						
15331	ok	0.65						
15332	ok	0.98						
15333	ok	0.77						
15334	ok	0.78						
15335	ok	0.84						
15336	ok	0.61						
15337	ok	0.41						
15338	ok	0.56						
15339	ok Av	5.91	0.20	6.20e-03	6.7	0.2	160.7	4.9
15340	ok	0.0						
15341	ok	2.82						
15342	ok	0.0						
15354	ok	0.0						
15360	ok Av	5.57	0.19	0.01	6.3	0.5	151.4	11.8
15361	ok	0.50						
15362	ok	0.48						
15363	ok	0.47						
15364	ok	0.46						
15365	ok	0.46						
15366	ok	0.67						
15367	ok	0.61						
15368	ok	0.55						
15369	ok	1.23						
15370	ok	1.41						
15371	ok	1.37						
15372	ok	1.20						
15373	ok	1.06						
15374	ok	0.84						
15375	ok	0.91						
15376	ok	1.05						
15377	ok	1.08						
15378	ok	1.01						
15379	ok	0.92						
15380	ok	0.75						
15381	ok	0.58						
15382	ok	0.69						
15383	ok	0.83						
15384	ok	0.88						
15385	ok	0.86						
15386	ok	0.81						
15387	ok	0.69						
15388	ok	0.43						
15389	ok	0.53						
15390	ok	0.46						
15391	ok	1.21						
15392	ok	0.67						
15393	ok	0.69						
15394	ok	0.89						
15395	ok	0.70						
15396	ok	0.56						
15397	ok	0.41						
15398	ok	0.29						
15399	ok	0.35						
15400	ok	0.48						
15401	ok	0.33						
15402	ok	0.22						
15403	ok	0.22						
15404	ok	0.28						
15405	ok	0.32						
15406	ok	0.47						
15407	ok	0.81						
15408	ok	0.90						
15409	ok	0.42						
15410	ok	0.36						
15411	ok	0.29						
15412	ok	0.27						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15413	ok	0.20						
15414	ok	0.29						
15415	ok	0.28						
15416	ok	0.41						
15417	ok	0.37						
15418	ok	0.52						
15419	ok	0.46						
15420	ok	0.65						
15421	ok	0.47						
15422	ok	0.54						
15423	ok	0.0						
15424	ok	0.42						
15425	ok	0.0						
15426	ok	2.48						
15427	ok	1.67						
15428	ok	1.11						
15429	ok	0.74						
15430	ok	0.53						
15431	ok	0.37						
15432	ok	0.40						
15433	ok	0.40						
15434	ok	0.40						
15435	ok	0.41						
15436	ok	1.62						
15437	ok	2.18						
15438	ok	2.73						
15439	ok	0.0						
15440	ok	0.33						
15441	ok	0.33						
15442	ok	0.36						
15443	ok	0.38						
15444	ok	0.37						
15445	ok	0.45						
15446	ok	0.51						
15447	ok	0.54						
15448	ok	0.54						
15449	ok	0.65						
15450	ok	0.73						
15451	ok	0.77						
15452	ok	0.73						
15453	ok	0.89						
15454	ok	1.04						
15455	ok	1.13						
15456	ok	0.92						
15457	ok	1.14						
15458	ok	1.44						
15459	ok	1.68						
15460	ok	1.18						
15461	ok	1.67						
15462	ok	2.26						
15463	ok	2.58						
15464	ok	0.95						
15465	ok	1.47						
15466	ok	2.41						
15467	ok	0.0						
15468	ok	0.0						
15469	ok	0.46						
15470	ok	0.0						
15471	ok	2.34						
15472	ok	1.53						
15473	ok	1.00						
15474	ok	0.67						
15475	ok	0.47						
15476	ok	0.32						
15477	ok	1.28						
15478	ok	0.73						
15479	ok	0.80						
15480	ok	0.94						
15481	ok	0.71						
15482	ok	0.50						
15483	ok	0.33						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15484	ok	0.31						
15485	ok	0.50						
15486	ok	0.63						
15487	ok	0.53						
15488	ok	2.38						
15489	ok	1.77						
15490	ok	0.36						
15491	ok	0.41						
15492	ok	0.38						
15493	ok	0.28						
15494	ok	0.57						
15495	ok	0.45						
15496	ok	0.84						
15497	ok	0.67						
15498	ok	1.22						
15499	ok	0.92						
15500	ok	1.95						
15501	ok	1.41						
15502	ok	2.23						
15503	ok	1.26						
15504	ok	1.68						
15505	ok	1.46						
15506	ok	1.07						
15507	ok	0.92						
15508	ok	1.98						
15509	ok	0.0						
15511	ok	1.08						
15515	ok	2.14						
15516	ok	3.51						
15517	ok	4.66						
15519	ok	1.10						
15520	ok	3.83						
15522	ok	2.60						
15528	ok	2.54						
15529	ok	1.26						
15532	ok	0.58						
15543	ok	4.97						
15545	ok	0.0						
15551	ok Av	6.30	0.21	0.02	7.1	0.8	170.4	19.0
15552	ok Av	5.83	0.20	5.88e-03	6.6	0.2	158.4	4.7
15554	ok	0.0						
15559	ok Av	5.29	0.18	1.46e-04	6.0	4.84e-03	143.9	0.1
15567	ok Av	9.00	0.19	0.29	6.3	9.7	151.3	231.7
15574	ok Av	6.46	0.22	1.42e-03	7.3	4.71e-02	175.8	1.1
15575	ok Av	7.32	0.25	5.58e-03	8.3	0.2	199.0	4.4
15576	ok Av	7.69	0.26	0.02	8.7	0.6	208.8	15.0
15577	ok	0.0						
15578	ok	1.44						
15579	ok	2.16						
15580	ok	0.84						
16672	ok Av	25.35	0.59	0.70	19.4	23.2	464.6	556.2
16673	ok Av	17.61	0.36	0.55	12.0	18.3	288.3	438.1
16674	ok Av	9.21	0.20	0.25	6.5	8.3	155.6	198.6
16703	ok	1.86						
16704	ok	1.31						
16705	ok	0.97						
16706	ok	0.81						
16707	ok	1.60						
16708	ok Av	5.30	0.12	0.15	3.9	4.9	92.6	117.9
16709	ok Av	8.12	0.20	0.19	6.7	6.3	161.4	150.9
16710	ok	0.72						
16727	ok Av	6.34	0.07	0.21	2.2	6.9	53.0	164.1
16728	ok	1.78						
16729	ok Av	5.62	0.15	0.13	4.8	4.2	115.2	100.7
16730	ok Av	9.56	0.27	0.29	9.0	9.8	215.7	233.8
16731	ok Av	8.96	0.26	0.19	8.7	6.3	209.0	151.2
16732	ok	1.69						
16733	ok	1.61						
16734	ok	1.45						
16735	ok	1.24						
16736	ok	0.69						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16737	ok	0.61						
16738	ok	0.53						
16739	ok	1.44						
16740	ok	2.15						
16741	ok Av	9.88	0.27	0.27	8.8	9.1	211.7	218.1
16742	ok Av	14.37	0.37	0.35	12.3	11.6	294.9	278.8
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		32.99	0.70	1.00	23.10	43.29	553.17	875.17

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
21	34.00	5	7	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
6725	ok	0.0	0.3	1.68e-03	9.1	9.1	9.1	9.1	20.3	-7.3	0.3	15.8	-7.3	-13.1
14539	ok	0.0	0.2	3.07e-04	9.1	9.1	9.1	9.1	11.8	7.9	8.0	9.6	-3.4	-17.2
15095	ok	0.0	0.2	6.46e-04	9.1	9.1	9.1	9.1	3.2	-0.5	2.0	12.1	-6.6	-15.5
15228	ok	0.0	0.2	1.16e-03	9.1	9.1	9.1	9.1	-0.3	-3.1	-0.9	16.1	0.8	-3.9
15508	ok	0.0	0.3	1.35e-03	9.1	9.1	9.1	9.1	21.5	-3.8	6.6	22.2	-1.7	3.56e-02
16674	ok	0.0	0.4	1.49e-03	9.1	9.1	9.1	9.1	22.3	-5.6	5.4	25.7	8.2	-10.8
16709	ok	0.0	0.3	1.39e-03	9.1	9.1	9.1	9.1	8.8	-5.5	-2.7	17.8	4.9	-14.6
16743	ok	0.0	0.2	0.0	9.1	9.1	9.1	9.1	14.0	4.1	2.8	9.0	-0.2	-2.9
16744	ok	0.0	0.2	1.70e-04	9.1	9.1	9.1	9.1	15.8	3.5	3.8	6.4	-3.9	-14.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-0.25	-7.27	-2.71	6.41	-7.34	-17.21
		0.0	0.37	1.68e-03	9.06	9.06	9.06	9.06	22.31	7.86	8.04	25.67	8.22	0.04

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
6725	ok	2.80						
14539	ok	2.17						
15095	ok	2.01						
15228	ok	4.96						
15508	ok	4.21						
16674	ok Av	9.14	0.23	0.22	7.5	7.3	180.7	175.2
16709	ok	4.33						
16743	ok Av	6.91	0.24	0.01	7.8	0.4	187.5	10.3
16744	ok	2.93						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		9.14	0.24	0.22	7.83	7.31	187.55	175.16

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
22	34.00	5	7	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
13909	ok	0.0	0.8	3.95e-03	9.1	10.4	9.1	9.1	21.9	2.8	7.2	74.7	-6.7	23.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
13917	ok	0.0	0.9	3.88e-03	9.1	11.0	9.1	9.1	34.5	-2.4	9.9	95.1	5.1	6.3
15085	ok	0.0	0.7	5.77e-03	9.1	9.1	9.1	9.1	17.6	-2.2	3.5	56.9	-1.6	-7.3
15092	ok	0.0	0.9	4.50e-03	9.1	9.1	9.1	9.1	19.7	17.5	6.6	75.7	0.4	3.0
15176	ok	0.0	0.8	3.91e-03	9.1	9.1	9.1	9.1	21.8	-7.7	0.9	68.0	3.1	-5.4
16672	ok	0.0	0.9	3.42e-03	9.1	13.5	9.1	9.1	26.2	2.0	-6.2	107.3	24.0	16.6
16742	ok	0.0	0.8	3.64e-03	9.1	9.1	9.1	9.1	28.0	0.4	2.0	68.7	9.9	-8.7
16745	ok	0.0	0.9	4.84e-03	9.1	9.5	9.1	9.1	26.6	18.6	6.3	82.9	0.5	6.7
16746	ok	0.0	1.0	4.79e-03	9.1	9.4	9.1	9.1	36.2	21.8	-2.3	83.5	3.0	3.2
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									17.61	-7.68	-6.19	56.89	-6.66	-8.67
		0.0	0.96	5.77e-03	9.06	13.55	9.06	9.06	36.19	21.81	9.89	107.30	24.01	22.96

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
13909	ok Av	9.81	0.33	0.21	11.0	6.8	264.6	163.5
13917	ok Av	7.23	0.25	0.05	8.2	1.8	196.2	42.1
15085	ok	4.79						
15092	ok Av	7.99	0.19	0.19	6.4	6.4	153.5	153.8
15176	ok Av	6.82	0.23	0.05	7.6	1.6	182.6	38.7
16672	ok Av	25.15	0.55	0.76	18.4	25.3	440.0	605.3
16742	ok Av	8.92	0.21	0.24	6.9	8.0	164.8	192.2
16745	ok Av	8.13	0.18	0.28	5.9	9.2	141.5	220.2
16746	ok Av	5.70	0.19	0.03	6.4	1.1	152.8	26.9
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		25.15	0.55	0.76	18.37	25.27	440.00	605.25

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
27	34.00	5	7	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
14817	ok	0.0	0.7	6.71e-02	9.1	9.1	9.1	9.1	119.3	-37.4	21.0	43.5	-3.7	2.2
14822	ok	0.0	0.5	3.97e-02	9.1	9.1	9.1	9.1	-174.1	0.6	-14.3	28.3	0.4	2.2
15070	ok	0.0	0.8	5.60e-02	9.1	9.1	9.1	9.1	151.6	5.8	-41.1	47.0	3.6	5.5
15071	ok	0.0	0.7	5.53e-02	9.1	9.1	9.1	9.1	180.9	-0.1	10.4	37.4	2.0	5.3
15072	ok	0.0	0.5	3.80e-02	9.1	9.1	9.1	9.1	-158.7	1.5	-7.6	27.5	0.8	6.7
16731	ok	0.0	0.7	6.27e-02	9.1	9.1	9.1	9.1	136.1	-74.0	-23.3	42.2	-6.9	5.1
16732	ok	0.0	0.6	3.82e-02	9.1	9.1	9.1	9.1	-158.3	9.6	-22.8	28.7	1.5	6.3
16751	ok	0.0	0.7	5.59e-02	9.1	9.1	9.1	9.1	184.7	30.7	-42.9	38.9	3.4	4.9
16752	ok	0.0	0.8	5.69e-02	9.1	9.1	9.1	9.1	211.8	16.6	-44.7	39.0	1.2	2.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-174.12	-73.96	-44.69	27.54	-6.94	2.17
		0.0	0.78	0.07	9.06	9.06	9.06	9.06	211.84	30.67	21.03	47.00	3.62	6.69

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
14817	ok	4.80						
14822	ok	4.63						
15070	ok	3.38						
15071	ok	0.92						
15072	ok	0.90						
16731	ok	4.89						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16732	ok	1.71						
16751	ok	3.16						
16752	ok	4.60						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		4.89						

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
295	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
296	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
297	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
298	0.14	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
299	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
300	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
301	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
302	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
303	0.15	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
304	0.14	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
305	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
306	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
307	0.28	0.66	0.33	320,320,333	0.30	0.0	0.0	320,0,0
308	0.23	0.53	0.27	319,319,333	0.0	0.0	0.0	0,0,0
309	0.12	0.27	0.14	320,320,333	0.0	0.0	0.0	0,0,0
310	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
311	0.15	0.35	0.17	320,320,333	0.0	0.0	0.0	0,0,0
312	0.15	0.36	0.18	319,320,333	0.0	0.0	0.0	0,0,0
313	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
314	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
315	0.12	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
316	0.14	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
317	0.15	0.36	0.18	319,320,333	0.0	0.0	0.0	0,0,0
318	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
319	0.25	0.59	0.30	319,319,333	0.0	0.0	0.0	0,0,0
320	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
321	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
322	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
323	0.09	0.21	0.10	319,319,333	0.0	0.0	0.0	0,0,0
324	0.30	0.70	0.35	320,320,333	0.32	0.0	0.0	320,0,0
325	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
326	0.09	0.20	0.10	319,320,334	0.0	0.0	0.0	0,0,0
327	0.09	0.20	0.10	319,320,334	0.0	0.0	0.0	0,0,0
328	0.09	0.21	0.11	319,320,334	0.0	0.0	0.0	0,0,0
329	0.07	0.17	0.08	320,320,334	0.0	0.0	0.0	0,0,0
330	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
331	0.11	0.25	0.13	320,320,334	0.0	0.0	0.0	0,0,0
332	0.11	0.25	0.13	320,320,334	0.0	0.0	0.0	0,0,0
333	0.11	0.25	0.13	320,320,334	0.0	0.0	0.0	0,0,0
334	0.10	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
335	0.16	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
336	0.15	0.35	0.17	320,320,334	0.0	0.0	0.0	0,0,0
337	0.16	0.35	0.17	320,320,333	0.0	0.0	0.0	0,0,0
338	0.24	0.45	0.28	319,319,333	0.0	0.0	0.0	0,0,0
339	0.26	0.57	0.29	319,319,333	0.0	0.0	0.0	0,0,0
340	0.15	0.33	0.16	320,320,333	0.0	0.0	0.0	0,0,0
341	0.14	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
342	0.12	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
343	0.30	0.65	0.34	319,319,333	0.29	0.0	0.0	319,0,0
344	0.31	0.59	0.36	319,319,333	0.24	0.21	0.20	319,332,333
345	0.16	0.34	0.18	319,319,333	0.0	0.0	0.0	0,0,0
346	0.16	0.34	0.18	319,319,333	0.0	0.0	0.0	0,0,0
347	0.15	0.33	0.18	319,319,333	0.0	0.0	0.0	0,0,0
348	0.13	0.25	0.15	319,319,333	0.0	0.0	0.0	0,0,0
349	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
350	0.23	0.51	0.26	319,319,333	0.0	0.0	0.0	0,0,0
351	0.25	0.55	0.29	319,319,333	0.0	0.0	0.0	0,0,0
352	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
356	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
357	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
358	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
359	0.25	0.54	0.29	319,319,333	0.0	0.0	0.0	0,0,0
363	0.11	0.25	0.12	319,319,333	0.0	0.0	0.0	0,0,0
364	0.12	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
365	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
366	0.18	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
454	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
455	0.18	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
456	0.18	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
457	0.18	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
458	0.18	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
504	0.12	0.27	0.14	319,319,333	0.0	0.0	0.0	0,0,0
505	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
506	0.14	0.33	0.16	320,320,333	0.0	0.0	0.0	0,0,0
507	0.15	0.36	0.17	320,320,333	0.0	0.0	0.0	0,0,0
508	0.12	0.29	0.13	322,322,333	0.0	0.0	0.0	0,0,0
509	0.13	0.29	0.14	319,319,333	0.0	0.0	0.0	0,0,0
510	0.12	0.27	0.13	319,319,333	0.0	0.0	0.0	0,0,0
511	0.14	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
512	0.14	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
513	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
514	0.16	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
515	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
516	0.30	0.71	0.33	320,320,333	0.32	0.0	0.0	320,0,0
517	0.36	0.81	0.42	320,320,333	0.35	0.31	0.30	320,326,333
518	0.18	0.43	0.19	322,322,333	0.0	0.0	0.0	0,0,0
519	0.17	0.40	0.18	322,322,333	0.0	0.0	0.0	0,0,0
520	0.14	0.33	0.16	320,320,333	0.0	0.0	0.0	0,0,0
521	0.12	0.29	0.14	319,320,333	0.0	0.0	0.0	0,0,0
522	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
523	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
524	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
525	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
526	0.09	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
527	0.08	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
528	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
529	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
530	0.08	0.19	0.09	322,322,333	0.0	0.0	0.0	0,0,0
531	0.08	0.18	0.07	322,322,333	0.0	0.0	0.0	0,0,0
532	0.07	0.17	0.08	320,320,333	0.0	0.0	0.0	0,0,0
533	0.07	0.17	0.08	320,320,333	0.0	0.0	0.0	0,0,0
534	0.07	0.16	0.07	321,321,333	0.0	0.0	0.0	0,0,0
535	0.10	0.22	0.09	321,321,333	0.0	0.0	0.0	0,0,0
536	0.17	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
537	0.07	0.15	0.08	320,320,333	0.0	0.0	0.0	0,0,0
538	0.07	0.15	0.08	320,320,333	0.0	0.0	0.0	0,0,0
539	0.09	0.21	0.09	321,321,333	0.0	0.0	0.0	0,0,0
540	0.16	0.37	0.17	321,321,333	0.0	0.0	0.0	0,0,0
541	0.11	0.25	0.12	322,322,333	0.0	0.0	0.0	0,0,0
542	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
543	0.12	0.27	0.14	320,320,333	0.0	0.0	0.0	0,0,0
544	0.18	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
545	0.12	0.27	0.14	320,320,333	0.0	0.0	0.0	0,0,0
546	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
547	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
548	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
549	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
550	0.09	0.21	0.10	319,319,333	0.0	0.0	0.0	0,0,0
551	0.26	0.62	0.29	320,320,333	0.0	0.0	0.0	0,0,0
552	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
553	0.30	0.51	0.35	319,319,333	0.19	0.16	0.16	319,325,333
554	0.31	0.69	0.34	319,319,333	0.31	0.0	0.0	319,0,0
555	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
556	0.21	0.51	0.24	322,322,333	0.0	0.0	0.0	0,0,0
557	0.11	0.24	0.12	319,319,333	0.0	0.0	0.0	0,0,0
558	0.12	0.29	0.13	322,322,333	0.0	0.0	0.0	0,0,0
559	0.13	0.30	0.13	322,322,333	0.0	0.0	0.0	0,0,0
560	0.36	0.71	0.41	319,319,333	0.31	0.25	0.24	319,325,333
561	0.41	0.72	0.48	319,319,333	0.29	0.26	0.24	319,325,333
562	0.43	0.63	0.51	319,319,333	0.21	0.21	0.21	319,332,333
563	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
564	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
565	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
566	0.17	0.38	0.19	319,320,333	0.0	0.0	0.0	0,0,0
567	0.18	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
568	0.06	0.14	0.07	320,320,333	0.0	0.0	0.0	0,0,0
569	0.07	0.17	0.08	320,320,333	0.0	0.0	0.0	0,0,0
570	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
571	0.18	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
572	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
573	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
574	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
575	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
576	0.19	0.44	0.22	320,319,333	0.0	0.0	0.0	0,0,0
577	0.11	0.25	0.12	320,322,333	0.0	0.0	0.0	0,0,0
578	0.09	0.22	0.10	322,322,333	0.0	0.0	0.0	0,0,0
579	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
580	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
581	0.18	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
582	0.18	0.41	0.21	320,320,333	0.0	0.0	0.0	0,0,0
583	0.18	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
584	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
585	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
586	0.10	0.23	0.11	320,322,333	0.0	0.0	0.0	0,0,0
587	0.04	0.24	0.05	320,322,334	0.0	0.0	0.0	0,0,0
588	0.15	0.42	0.18	320,320,334	0.0	0.0	0.0	0,0,0
589	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
590	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
591	0.22	0.51	0.25	320,320,333	0.0	0.0	0.0	0,0,0
592	1.71e-03	0.14	2.13e-03	319,322,333	0.0	0.0	0.0	0,0,0
593	0.14	0.32	0.16	320,322,334	0.0	0.0	0.0	0,0,0
594	0.06	0.19	0.07	316,322,334	0.0	0.0	0.0	0,0,0
595	0.06	0.14	0.07	320,319,333	0.0	0.0	0.0	0,0,0
596	0.09	0.21	0.10	319,319,334	0.0	0.0	0.0	0,0,0
597	0.22	0.51	0.25	320,320,333	0.0	0.0	0.0	0,0,0
598	0.22	0.51	0.25	320,320,333	0.0	0.0	0.0	0,0,0
599	0.22	0.51	0.25	320,320,333	0.0	0.0	0.0	0,0,0
600	1.58e-03	0.21	1.92e-03	319,322,333	0.0	0.0	0.0	0,0,0
601	0.26	0.45	0.30	319,319,333	0.0	0.0	0.0	0,0,0
602	0.65	0.67	0.79	319,319,333	0.30	0.26	0.25	319,323,333
603	0.30	0.64	0.35	319,319,333	0.29	0.0	0.0	319,0,0
604	0.17	0.32	0.20	319,319,333	0.0	0.0	0.0	0,0,0
605	0.23	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
606	0.23	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
607	0.23	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
608	1.10e-03	0.20	1.29e-03	322,322,334	0.0	0.0	0.0	0,0,0
609	0.09	0.20	0.10	319,319,333	0.0	0.0	0.0	0,0,0
610	0.07	0.16	0.08	320,320,333	0.0	0.0	0.0	0,0,0
611	0.15	0.31	0.17	319,319,334	0.0	0.0	0.0	0,0,0
612	0.13	0.26	0.15	319,319,333	0.0	0.0	0.0	0,0,0
613	0.23	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
614	0.24	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
615	0.24	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
616	4.90e-03	0.14	5.76e-03	320,322,333	0.0	0.0	0.0	0,0,0
617	0.09	0.20	0.10	319,319,333	0.0	0.0	0.0	0,0,0
618	0.08	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
619	0.06	0.14	0.07	320,320,333	0.0	0.0	0.0	0,0,0
620	0.09	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
621	0.24	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
622	0.23	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
623	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
624	1.86e-03	0.08	2.23e-03	319,316,333	0.0	0.0	0.0	0,0,0
625	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
626	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
627	0.08	0.15	0.09	319,319,334	0.0	0.0	0.0	0,0,0
628	0.21	0.50	0.24	320,320,333	0.0	0.0	0.0	0,0,0
629	0.22	0.53	0.26	320,320,333	0.0	0.0	0.0	0,0,0
630	0.23	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
631	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
632	1.89e-03	0.10	2.27e-03	319,316,333	0.0	0.0	0.0	0,0,0
633	0.07	0.15	0.09	319,320,333	0.0	0.0	0.0	0,0,0
634	0.09	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
635	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
636	0.18	0.42	0.20	320,320,333	0.0	0.0	0.0	0,0,0
637	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
638	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
639	0.20	0.48	0.23	320,320,333	0.0	0.0	0.0	0,0,0
640	7.36e-03	0.13	8.84e-03	321,322,333	0.0	0.0	0.0	0,0,0
641	0.10	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
642	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
643	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
644	0.21	0.50	0.25	320,320,333	0.0	0.0	0.0	0,0,0
645	0.21	0.50	0.25	320,320,333	0.0	0.0	0.0	0,0,0
646	0.22	0.52	0.26	320,320,333	0.0	0.0	0.0	0,0,0
647	0.16	0.37	0.18	320,320,333	0.0	0.0	0.0	0,0,0
648	9.92e-03	0.11	0.01	321,316,333	0.0	0.0	0.0	0,0,0
649	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
650	0.08	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
651	0.10	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
652	0.18	0.42	0.20	320,320,333	0.0	0.0	0.0	0,0,0
653	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
654	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
655	0.16	0.37	0.19	319,320,333	0.0	0.0	0.0	0,0,0
656	0.01	0.10	0.01	321,316,333	0.0	0.0	0.0	0,0,0
657	0.12	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
658	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
659	0.15	0.35	0.17	320,320,333	0.0	0.0	0.0	0,0,0
660	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
661	0.14	0.33	0.16	320,320,333	0.0	0.0	0.0	0,0,0
662	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
663	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
664	0.01	0.09	0.02	321,316,333	0.0	0.0	0.0	0,0,0
665	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
666	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
667	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
668	0.14	0.34	0.17	320,320,333	0.0	0.0	0.0	0,0,0
669	0.14	0.34	0.17	320,320,333	0.0	0.0	0.0	0,0,0
670	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
671	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
672	0.17	0.41	0.20	316,316,333	0.0	0.0	0.0	0,0,0
673	0.01	0.09	0.02	321,315,333	0.0	0.0	0.0	0,0,0
674	0.01	0.10	0.02	319,315,333	0.0	0.0	0.0	0,0,0
675	0.01	0.11	0.02	319,315,333	0.0	0.0	0.0	0,0,0
676	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
677	0.20	0.46	0.23	320,320,333	0.0	0.0	0.0	0,0,0
678	0.20	0.48	0.24	320,320,333	0.0	0.0	0.0	0,0,0
679	0.21	0.49	0.24	320,320,333	0.0	0.0	0.0	0,0,0
680	0.22	0.53	0.26	316,316,333	0.0	0.0	0.0	0,0,0
681	0.01	0.12	0.02	319,315,333	0.0	0.0	0.0	0,0,0
682	0.14	0.32	0.16	320,322,334	0.0	0.0	0.0	0,0,0
683	0.16	0.41	0.18	320,320,334	0.0	0.0	0.0	0,0,0
684	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
685	0.21	0.49	0.24	320,320,333	0.0	0.0	0.0	0,0,0
686	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
687	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
688	0.06	0.20	0.07	316,322,334	0.0	0.0	0.0	0,0,0
689	0.05	0.25	0.06	320,322,334	0.0	0.0	0.0	0,0,0
690	0.01	0.15	0.02	316,322,334	0.0	0.0	0.0	0,0,0
691	0.01	0.18	0.01	320,322,334	0.0	0.0	0.0	0,0,0
692	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
693	0.22	0.51	0.25	320,320,333	0.0	0.0	0.0	0,0,0
694	0.21	0.50	0.25	320,320,333	0.0	0.0	0.0	0,0,0
695	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
696	0.07	0.22	0.08	316,316,333	0.0	0.0	0.0	0,0,0
697	5.52e-03	0.18	6.47e-03	322,322,334	0.0	0.0	0.0	0,0,0
698	0.06	0.19	0.07	316,322,334	0.0	0.0	0.0	0,0,0
699	1.86e-03	0.11	2.25e-03	319,315,333	0.0	0.0	0.0	0,0,0
700	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
701	0.23	0.53	0.26	320,320,333	0.0	0.0	0.0	0,0,0
702	0.22	0.52	0.25	320,320,333	0.0	0.0	0.0	0,0,0
703	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
704	0.09	0.27	0.11	316,316,333	0.0	0.0	0.0	0,0,0
705	1.18e-03	0.09	1.44e-03	319,315,333	0.0	0.0	0.0	0,0,0
706	1.09e-03	0.09	1.35e-03	319,315,333	0.0	0.0	0.0	0,0,0
707	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
708	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
709	0.23	0.53	0.26	320,320,333	0.0	0.0	0.0	0,0,0
710	0.22	0.52	0.25	320,320,333	0.0	0.0	0.0	0,0,0
711	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
712	0.11	0.30	0.13	316,316,333	0.0	0.0	0.0	0,0,0
713	1.08e-03	0.08	1.33e-03	319,315,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
714	1.33e-03	0.08	1.60e-03	321,316,333	0.0	0.0	0.0	0,0,0
715	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
716	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
717	0.20	0.46	0.23	320,320,333	0.0	0.0	0.0	0,0,0
718	0.20	0.47	0.23	320,320,333	0.0	0.0	0.0	0,0,0
719	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
751	0.24	0.54	0.28	319,320,333	0.0	0.0	0.0	0,0,0
763	0.17	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
792	0.09	0.19	0.10	319,320,334	0.0	0.0	0.0	0,0,0
793	0.09	0.19	0.10	319,320,334	0.0	0.0	0.0	0,0,0
794	0.09	0.19	0.10	319,320,334	0.0	0.0	0.0	0,0,0
795	0.07	0.15	0.08	320,320,334	0.0	0.0	0.0	0,0,0
796	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
797	0.11	0.25	0.13	319,319,333	0.0	0.0	0.0	0,0,0
798	0.21	0.48	0.25	320,320,333	0.0	0.0	0.0	0,0,0
799	0.09	0.20	0.10	319,319,333	0.0	0.0	0.0	0,0,0
800	0.26	0.59	0.29	320,320,333	0.0	0.0	0.0	0,0,0
801	0.11	0.27	0.12	322,322,333	0.0	0.0	0.0	0,0,0
802	0.13	0.28	0.13	319,319,333	0.0	0.0	0.0	0,0,0
803	0.23	0.55	0.23	322,322,333	0.0	0.0	0.0	0,0,0
804	0.31	0.70	0.33	322,322,333	0.31	0.27	0.0	322,326,0
805	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
806	0.13	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
807	0.17	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
808	0.18	0.43	0.20	320,320,333	0.0	0.0	0.0	0,0,0
809	0.18	0.43	0.20	320,320,333	0.0	0.0	0.0	0,0,0
810	0.18	0.43	0.20	320,320,333	0.0	0.0	0.0	0,0,0
811	0.16	0.39	0.17	322,322,333	0.0	0.0	0.0	0,0,0
812	0.14	0.35	0.14	322,322,333	0.0	0.0	0.0	0,0,0
813	0.15	0.40	0.13	322,322,333	0.0	0.0	0.0	0,0,0
814	0.09	0.19	0.10	319,322,333	0.0	0.0	0.0	0,0,0
815	0.26	0.47	0.25	321,321,333	0.16	0.0	0.0	321,0,0
816	0.10	0.24	0.09	321,321,333	0.0	0.0	0.0	0,0,0
817	0.06	0.16	0.06	322,322,333	0.0	0.0	0.0	0,0,0
818	0.08	0.20	0.08	322,322,333	0.0	0.0	0.0	0,0,0
820	0.17	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
1212	0.16	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
1213	0.15	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
1214	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
1215	0.16	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
1216	0.13	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
1217	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
1219	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
1220	0.15	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
1221	0.13	0.29	0.14	319,319,333	0.0	0.0	0.0	0,0,0
1222	0.14	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
1223	0.14	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
1224	0.15	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
1225	0.18	0.42	0.20	320,320,333	0.0	0.0	0.0	0,0,0
1226	0.18	0.43	0.21	320,320,333	0.0	0.0	0.0	0,0,0
1227	0.09	0.21	0.10	320,322,333	0.0	0.0	0.0	0,0,0
2492	0.09	0.21	0.10	320,322,333	0.0	0.0	0.0	0,0,0
3332	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
3336	0.09	0.22	0.10	322,322,333	0.0	0.0	0.0	0,0,0
3344	0.14	0.34	0.15	322,322,333	0.0	0.0	0.0	0,0,0
3450	0.16	0.39	0.17	322,322,333	0.0	0.0	0.0	0,0,0
3453	0.08	0.18	0.09	319,319,333	0.0	0.0	0.0	0,0,0
3455	0.11	0.25	0.13	319,319,333	0.0	0.0	0.0	0,0,0
3459	0.12	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
3460	0.12	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
3465	0.09	0.21	0.11	319,319,333	0.0	0.0	0.0	0,0,0
3468	0.15	0.33	0.17	319,320,333	0.0	0.0	0.0	0,0,0
3776	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
3777	0.19	0.44	0.21	320,320,333	0.0	0.0	0.0	0,0,0
3778	0.19	0.45	0.21	320,320,333	0.0	0.0	0.0	0,0,0
3779	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
3780	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
3781	0.19	0.44	0.21	320,320,333	0.0	0.0	0.0	0,0,0
3783	0.19	0.44	0.21	320,320,333	0.0	0.0	0.0	0,0,0
3784	0.17	0.39	0.19	320,320,333	0.0	0.0	0.0	0,0,0
3785	0.17	0.37	0.18	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
3786	0.18	0.43	0.20	320,320,333	0.0	0.0	0.0	0,0,0
3787	0.19	0.44	0.21	320,320,333	0.0	0.0	0.0	0,0,0
3788	0.17	0.38	0.18	320,320,333	0.0	0.0	0.0	0,0,0
3789	0.16	0.35	0.17	320,320,333	0.0	0.0	0.0	0,0,0
3790	0.16	0.39	0.17	322,322,333	0.0	0.0	0.0	0,0,0
3791	0.17	0.39	0.20	319,320,333	0.0	0.0	0.0	0,0,0
3908	0.06	0.13	0.07	319,320,334	0.0	0.0	0.0	0,0,0
3909	0.16	0.39	0.17	322,322,333	0.0	0.0	0.0	0,0,0
3911	0.08	0.17	0.09	319,320,334	0.0	0.0	0.0	0,0,0
3916	0.08	0.18	0.09	319,320,334	0.0	0.0	0.0	0,0,0
3923	0.07	0.15	0.08	319,320,334	0.0	0.0	0.0	0,0,0
3924	0.18	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
3926	0.19	0.43	0.22	320,320,333	0.0	0.0	0.0	0,0,0
3929	0.08	0.17	0.08	319,319,333	0.0	0.0	0.0	0,0,0
3930	0.12	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
4064	0.12	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
4069	0.12	0.26	0.12	319,319,334	0.0	0.0	0.0	0,0,0
4141	0.10	0.24	0.10	322,322,333	0.0	0.0	0.0	0,0,0
4143	0.17	0.38	0.18	319,319,333	0.0	0.0	0.0	0,0,0
4174	0.21	0.50	0.22	322,322,333	0.0	0.0	0.0	0,0,0
4175	0.19	0.45	0.18	322,322,333	0.0	0.0	0.0	0,0,0
4176	0.15	0.35	0.17	320,320,333	0.0	0.0	0.0	0,0,0
4177	0.20	0.45	0.22	319,319,333	0.0	0.0	0.0	0,0,0
4557	0.15	0.35	0.14	322,322,333	0.0	0.0	0.0	0,0,0
4562	0.16	0.38	0.17	320,320,333	0.0	0.0	0.0	0,0,0
4575	0.16	0.38	0.17	320,320,333	0.0	0.0	0.0	0,0,0
4592	0.15	0.34	0.15	321,322,333	0.0	0.0	0.0	0,0,0
4593	0.18	0.40	0.19	319,319,333	0.0	0.0	0.0	0,0,0
4594	0.22	0.49	0.24	319,319,333	0.0	0.0	0.0	0,0,0
4597	0.14	0.37	0.13	322,322,333	0.0	0.0	0.0	0,0,0
4598	0.16	0.37	0.15	321,321,333	0.0	0.0	0.0	0,0,0
4599	0.20	0.46	0.21	321,321,334	0.0	0.0	0.0	0,0,0
4601	0.25	0.57	0.27	319,319,333	0.0	0.0	0.0	0,0,0
4608	0.06	0.14	0.07	320,320,333	0.0	0.0	0.0	0,0,0
4633	0.07	0.15	0.08	320,320,333	0.0	0.0	0.0	0,0,0
4637	0.08	0.16	0.09	320,320,333	0.0	0.0	0.0	0,0,0
4638	0.09	0.17	0.10	320,320,333	0.0	0.0	0.0	0,0,0
4639	0.10	0.24	0.11	320,322,333	0.0	0.0	0.0	0,0,0
4642	0.09	0.22	0.10	322,322,333	0.0	0.0	0.0	0,0,0
4643	0.07	0.18	0.07	322,322,333	0.0	0.0	0.0	0,0,0
4644	0.12	0.28	0.13	321,321,333	0.0	0.0	0.0	0,0,0
4645	0.45	0.60	0.48	321,321,333	0.21	0.20	0.18	321,325,333
4649	0.10	0.25	0.12	320,322,333	0.0	0.0	0.0	0,0,0
4650	0.10	0.24	0.11	320,322,333	0.0	0.0	0.0	0,0,0
4651	0.09	0.20	0.10	319,319,333	0.0	0.0	0.0	0,0,0
4656	0.23	0.54	0.25	322,322,333	0.0	0.0	0.0	0,0,0
4657	0.15	0.36	0.15	322,322,333	0.0	0.0	0.0	0,0,0
4751	0.15	0.37	0.17	320,322,333	0.0	0.0	0.0	0,0,0
4777	0.14	0.34	0.14	322,322,333	0.0	0.0	0.0	0,0,0
4800	0.12	0.31	0.12	322,322,333	0.0	0.0	0.0	0,0,0
4803	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
4985	0.12	0.32	0.10	322,322,333	0.0	0.0	0.0	0,0,0
5034	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
5052	0.10	0.24	0.10	322,322,333	0.0	0.0	0.0	0,0,0
5317	0.15	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
5318	0.12	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
5321	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
5647	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
5713	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
5890	0.12	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
5896	0.12	0.27	0.14	319,319,333	0.0	0.0	0.0	0,0,0
5897	0.12	0.28	0.15	319,319,333	0.0	0.0	0.0	0,0,0
5909	0.08	0.20	0.10	319,319,333	0.0	0.0	0.0	0,0,0
5915	0.09	0.21	0.11	319,319,333	0.0	0.0	0.0	0,0,0
5920	0.10	0.23	0.12	319,319,333	0.0	0.0	0.0	0,0,0
5923	0.11	0.25	0.13	319,319,333	0.0	0.0	0.0	0,0,0
5937	0.10	0.22	0.12	319,319,333	0.0	0.0	0.0	0,0,0
5938	0.10	0.23	0.12	315,315,333	0.0	0.0	0.0	0,0,0
5955	0.06	0.15	0.08	315,315,333	0.0	0.0	0.0	0,0,0
6191	0.07	0.16	0.08	315,315,333	0.0	0.0	0.0	0,0,0
6192	0.08	0.18	0.10	315,315,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6193	0.09	0.20	0.11	319,319,333	0.0	0.0	0.0	0,0,0
6195	0.18	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
6197	0.16	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
6199	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
6201	0.10	0.22	0.12	319,319,333	0.0	0.0	0.0	0,0,0
6203	0.16	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6207	0.29	0.62	0.35	319,319,333	0.28	0.0	0.0	319,0,0
6209	0.27	0.59	0.33	319,319,333	0.0	0.0	0.0	0,0,0
6210	0.14	0.32	0.17	319,319,333	0.0	0.0	0.0	0,0,0
6211	0.13	0.31	0.14	321,321,333	0.0	0.0	0.0	0,0,0
6212	0.15	0.31	0.17	320,320,333	0.0	0.0	0.0	0,0,0
6215	0.09	0.21	0.09	321,321,333	0.0	0.0	0.0	0,0,0
6217	0.06	0.14	0.07	320,320,333	0.0	0.0	0.0	0,0,0
6218	0.06	0.14	0.07	320,320,333	0.0	0.0	0.0	0,0,0
6219	0.24	0.38	0.29	319,321,333	0.10	0.09	0.09	319,325,333
6220	0.05	0.13	0.06	319,319,333	0.0	0.0	0.0	0,0,0
6221	0.19	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
6222	0.19	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
6223	0.13	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
6224	0.21	0.47	0.25	320,320,333	0.0	0.0	0.0	0,0,0
6225	0.12	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
6226	0.21	0.48	0.25	320,320,333	0.0	0.0	0.0	0,0,0
6251	0.11	0.26	0.12	320,320,333	0.0	0.0	0.0	0,0,0
6252	0.08	0.18	0.08	319,319,334	0.0	0.0	0.0	0,0,0
6253	0.14	0.34	0.16	319,319,334	0.0	0.0	0.0	0,0,0
6254	0.06	0.15	0.06	319,306,334	0.0	0.0	0.0	0,0,0
6255	0.05	0.15	0.05	319,322,334	0.0	0.0	0.0	0,0,0
6264	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6265	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6266	0.16	0.36	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6267	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6268	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6269	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6270	0.17	0.39	0.20	319,320,333	0.0	0.0	0.0	0,0,0
6271	0.17	0.39	0.20	319,319,333	0.0	0.0	0.0	0,0,0
6272	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6273	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6274	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6275	0.16	0.37	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6276	0.17	0.39	0.20	319,320,333	0.0	0.0	0.0	0,0,0
6277	0.17	0.39	0.20	319,319,333	0.0	0.0	0.0	0,0,0
6278	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6279	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6280	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6281	0.16	0.37	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6282	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
6283	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
6284	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6285	0.16	0.37	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6286	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6287	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6288	0.16	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6289	0.16	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6290	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6291	0.15	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
6292	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
6293	0.15	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0
6294	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
6295	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
6296	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
6297	0.14	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
6298	0.15	0.34	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6299	0.16	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6300	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
6301	0.12	0.28	0.15	320,319,333	0.0	0.0	0.0	0,0,0
6302	0.13	0.30	0.16	319,319,333	0.0	0.0	0.0	0,0,0
6303	0.15	0.33	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6304	0.17	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6305	0.17	0.39	0.20	319,319,333	0.0	0.0	0.0	0,0,0
6306	0.12	0.26	0.14	320,319,333	0.0	0.0	0.0	0,0,0
6307	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6308	0.16	0.36	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6309	0.19	0.42	0.22	319,319,333	0.0	0.0	0.0	0,0,0
6310	0.21	0.47	0.25	319,319,333	0.0	0.0	0.0	0,0,0
6311	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
6312	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6313	0.17	0.39	0.20	319,320,333	0.0	0.0	0.0	0,0,0
6314	0.17	0.39	0.20	319,320,333	0.0	0.0	0.0	0,0,0
6315	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
6316	0.16	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6317	0.14	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
6318	0.16	0.36	0.19	320,319,333	0.0	0.0	0.0	0,0,0
6319	0.18	0.40	0.21	320,319,333	0.0	0.0	0.0	0,0,0
6320	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6321	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6322	0.16	0.38	0.19	319,320,333	0.0	0.0	0.0	0,0,0
6323	0.17	0.39	0.20	319,320,333	0.0	0.0	0.0	0,0,0
6324	0.16	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
6325	0.17	0.39	0.20	319,320,333	0.0	0.0	0.0	0,0,0
6326	0.16	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
6327	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
6328	0.15	0.35	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6329	0.16	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6330	0.18	0.42	0.22	319,319,333	0.0	0.0	0.0	0,0,0
6331	0.16	0.36	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6332	0.35	0.80	0.41	319,319,333	0.36	0.32	0.31	319,332,333
6333	0.26	0.60	0.31	319,319,333	0.0	0.0	0.0	0,0,0
6334	0.52	0.78	0.63	319,319,333	0.32	0.29	0.29	319,332,333
6375	0.29	0.66	0.34	319,319,333	0.30	0.0	0.0	319,0,0
6376	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
6377	0.14	0.32	0.17	319,319,333	0.0	0.0	0.0	0,0,0
6378	0.10	0.24	0.13	319,319,333	0.0	0.0	0.0	0,0,0
6379	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
6380	0.12	0.27	0.14	319,319,333	0.0	0.0	0.0	0,0,0
6381	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
6382	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
6383	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
6384	0.14	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
6385	0.15	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
6386	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
6387	0.15	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
6388	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6389	0.16	0.37	0.19	319,320,333	0.0	0.0	0.0	0,0,0
6390	0.15	0.34	0.17	319,320,333	0.0	0.0	0.0	0,0,0
6391	0.15	0.35	0.18	319,320,333	0.0	0.0	0.0	0,0,0
6392	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6393	0.16	0.37	0.19	320,320,333	0.0	0.0	0.0	0,0,0
6394	0.15	0.34	0.17	319,320,333	0.0	0.0	0.0	0,0,0
6395	0.15	0.35	0.18	319,320,333	0.0	0.0	0.0	0,0,0
6396	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6397	0.16	0.37	0.19	320,320,333	0.0	0.0	0.0	0,0,0
6398	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
6399	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
6400	0.15	0.34	0.17	320,320,333	0.0	0.0	0.0	0,0,0
6401	0.15	0.35	0.17	320,320,333	0.0	0.0	0.0	0,0,0
6402	0.13	0.30	0.15	320,319,334	0.0	0.0	0.0	0,0,0
6403	0.13	0.30	0.15	320,320,334	0.0	0.0	0.0	0,0,0
6404	0.16	0.36	0.19	319,319,333	0.0	0.0	0.0	0,0,0
6405	0.19	0.42	0.22	319,319,333	0.0	0.0	0.0	0,0,0
6406	0.12	0.26	0.13	320,319,334	0.0	0.0	0.0	0,0,0
6407	0.16	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
6408	0.26	0.59	0.31	319,319,333	0.0	0.0	0.0	0,0,0
6409	0.35	0.81	0.42	319,319,333	0.36	0.33	0.32	319,332,333
6410	0.11	0.25	0.13	320,319,334	0.0	0.0	0.0	0,0,0
6443	0.17	0.39	0.20	319,319,333	0.0	0.0	0.0	0,0,0
6444	0.28	0.65	0.33	320,319,334	0.29	0.0	0.0	319,0,0
6445	0.53	0.79	0.64	319,319,333	0.32	0.30	0.30	319,332,333
6455	0.06	0.13	0.06	321,322,333	0.0	0.0	0.0	0,0,0
6456	0.07	0.17	0.07	321,321,333	0.0	0.0	0.0	0,0,0
6457	0.07	0.16	0.07	321,321,333	0.0	0.0	0.0	0,0,0
6461	0.06	0.16	0.07	321,321,333	0.0	0.0	0.0	0,0,0
6462	0.06	0.13	0.06	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
6463	0.05	0.12	0.06	320,320,333	0.0	0.0	0.0	0,0,0
6467	0.04	0.10	0.05	319,319,333	0.0	0.0	0.0	0,0,0
6468	0.05	0.12	0.05	319,319,334	0.0	0.0	0.0	0,0,0
6469	0.09	0.23	0.10	319,319,334	0.0	0.0	0.0	0,0,0
6470	0.10	0.32	0.11	319,319,334	0.0	0.0	0.0	0,0,0
6621	0.18	0.40	0.21	320,320,333	0.0	0.0	0.0	0,0,0
6622	0.23	0.52	0.26	319,319,333	0.0	0.0	0.0	0,0,0
6625	0.11	0.26	0.12	320,320,333	0.0	0.0	0.0	0,0,0
6626	0.18	0.39	0.21	319,319,333	0.0	0.0	0.0	0,0,0
6627	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
6628	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
6640	0.15	0.39	0.18	320,320,333	0.0	0.0	0.0	0,0,0
6641	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
6644	0.14	0.33	0.16	320,320,333	0.0	0.0	0.0	0,0,0
6645	0.15	0.34	0.17	320,320,333	0.0	0.0	0.0	0,0,0
6646	0.15	0.33	0.17	320,319,333	0.0	0.0	0.0	0,0,0
6647	0.14	0.32	0.16	320,319,333	0.0	0.0	0.0	0,0,0
6648	0.13	0.29	0.15	320,319,333	0.0	0.0	0.0	0,0,0
6649	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
6653	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
6654	0.08	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
6655	0.07	0.14	0.08	320,320,333	0.0	0.0	0.0	0,0,0
6656	0.18	0.41	0.21	320,320,333	0.0	0.0	0.0	0,0,0
6657	0.08	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
6659	0.17	0.37	0.19	320,319,333	0.0	0.0	0.0	0,0,0
6660	0.08	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
6762	0.16	0.36	0.18	320,319,333	0.0	0.0	0.0	0,0,0
6763	0.14	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
6764	0.17	0.37	0.19	320,320,333	0.0	0.0	0.0	0,0,0
6765	0.10	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
6766	0.12	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
6767	0.15	0.33	0.17	320,319,333	0.0	0.0	0.0	0,0,0
8364	0.35	0.68	0.40	319,319,334	0.26	0.24	0.23	319,330,334
8616	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
8948	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
8949	0.10	0.23	0.11	320,320,333	0.0	0.0	0.0	0,0,0
8950	0.24	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
8951	0.08	0.18	0.08	320,320,333	0.0	0.0	0.0	0,0,0
8952	0.38	0.70	0.44	320,320,333	0.28	0.26	0.25	320,332,333
8953	0.08	0.18	0.09	320,320,333	0.0	0.0	0.0	0,0,0
8954	0.19	0.46	0.23	320,320,333	0.0	0.0	0.0	0,0,0
8955	0.40	0.72	0.48	320,320,333	0.33	0.29	0.26	320,332,333
8956	0.06	0.13	0.06	320,320,333	0.0	0.0	0.0	0,0,0
8957	0.06	0.13	0.06	320,320,333	0.0	0.0	0.0	0,0,0
8958	0.13	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
8959	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
8960	0.10	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
8961	0.10	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
8962	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
8963	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
8964	0.12	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
8965	0.15	0.34	0.17	320,320,333	0.0	0.0	0.0	0,0,0
8966	0.14	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
8967	0.14	0.33	0.16	319,319,333	0.0	0.0	0.0	0,0,0
8968	0.14	0.33	0.16	319,319,333	0.0	0.0	0.0	0,0,0
8969	0.15	0.33	0.16	320,320,333	0.0	0.0	0.0	0,0,0
8970	0.14	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
8971	0.12	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
8972	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
8973	0.23	0.51	0.26	319,319,333	0.0	0.0	0.0	0,0,0
8974	0.21	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
9046	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
9051	0.19	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
9059	0.20	0.44	0.23	319,319,334	0.0	0.0	0.0	0,0,0
9207	0.17	0.38	0.19	319,320,334	0.0	0.0	0.0	0,0,0
9208	0.14	0.33	0.16	320,320,334	0.0	0.0	0.0	0,0,0
9274	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
9277	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
9318	0.12	0.26	0.14	320,320,333	0.0	0.0	0.0	0,0,0
9458	0.11	0.24	0.13	320,320,333	0.0	0.0	0.0	0,0,0
12875	0.11	0.24	0.13	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12876	0.13	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
12877	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
12878	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
12879	0.15	0.33	0.17	320,319,333	0.0	0.0	0.0	0,0,0
12880	0.16	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
12881	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12882	0.10	0.22	0.12	320,320,334	0.0	0.0	0.0	0,0,0
12883	0.26	0.48	0.31	319,319,333	0.17	0.0	0.0	319,0,0
12884	0.10	0.22	0.12	320,320,333	0.0	0.0	0.0	0,0,0
12885	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
12886	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
12887	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
12888	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
12889	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
12890	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
12891	0.13	0.29	0.15	320,319,333	0.0	0.0	0.0	0,0,0
12892	0.16	0.35	0.18	320,319,333	0.0	0.0	0.0	0,0,0
12893	0.08	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12894	0.08	0.18	0.09	320,320,333	0.0	0.0	0.0	0,0,0
12895	0.08	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12896	0.08	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
12897	0.09	0.20	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12898	0.09	0.20	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12899	0.08	0.19	0.09	319,319,334	0.0	0.0	0.0	0,0,0
12900	0.08	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
12901	0.09	0.20	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12902	0.20	0.46	0.22	319,319,334	0.0	0.0	0.0	0,0,0
12903	0.12	0.28	0.13	319,319,334	0.0	0.0	0.0	0,0,0
12904	0.36	0.79	0.41	319,319,334	0.34	0.30	0.29	319,332,334
12905	0.42	0.80	0.47	319,319,334	0.33	0.30	0.29	319,332,334
12906	0.36	0.81	0.41	319,319,334	0.35	0.30	0.29	319,332,334
12907	0.45	0.81	0.51	319,319,334	0.33	0.31	0.29	319,332,334
12908	0.15	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0
12909	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
12910	0.10	0.22	0.11	319,319,334	0.0	0.0	0.0	0,0,0
12911	0.19	0.43	0.21	319,319,334	0.0	0.0	0.0	0,0,0
12912	0.18	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
12913	0.20	0.45	0.23	319,319,334	0.0	0.0	0.0	0,0,0
12914	0.19	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
12915	0.20	0.46	0.24	319,319,334	0.0	0.0	0.0	0,0,0
12916	0.21	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
12917	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
12918	0.21	0.48	0.25	319,319,334	0.0	0.0	0.0	0,0,0
12919	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
12920	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
12921	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
12922	0.20	0.45	0.23	319,319,333	0.0	0.0	0.0	0,0,0
12923	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
12924	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
12925	0.12	0.27	0.14	320,320,333	0.0	0.0	0.0	0,0,0
12926	0.12	0.27	0.14	320,320,333	0.0	0.0	0.0	0,0,0
12927	0.12	0.27	0.14	320,320,333	0.0	0.0	0.0	0,0,0
12928	0.12	0.27	0.14	320,319,334	0.0	0.0	0.0	0,0,0
12929	0.13	0.29	0.15	320,319,333	0.0	0.0	0.0	0,0,0
12930	0.16	0.35	0.19	320,319,333	0.0	0.0	0.0	0,0,0
12931	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12932	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12933	0.09	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12934	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
12935	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12936	0.10	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
12937	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12938	0.11	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
12939	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12940	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
12941	0.11	0.24	0.13	320,320,333	0.0	0.0	0.0	0,0,0
12942	0.12	0.26	0.14	320,320,333	0.0	0.0	0.0	0,0,0
12943	0.12	0.27	0.14	320,319,333	0.0	0.0	0.0	0,0,0
12944	0.13	0.28	0.15	320,319,333	0.0	0.0	0.0	0,0,0
12945	0.16	0.35	0.18	320,319,333	0.0	0.0	0.0	0,0,0
12946	0.16	0.35	0.19	320,319,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
12947	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12948	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12949	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12950	0.09	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12951	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12952	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12953	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12954	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12955	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12956	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12957	0.10	0.22	0.12	320,320,333	0.0	0.0	0.0	0,0,0
12958	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
12959	0.11	0.24	0.13	320,320,333	0.0	0.0	0.0	0,0,0
12960	0.12	0.25	0.14	320,320,333	0.0	0.0	0.0	0,0,0
12961	0.14	0.30	0.16	320,320,333	0.0	0.0	0.0	0,0,0
12962	0.15	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
12963	0.06	0.14	0.06	319,319,334	0.0	0.0	0.0	0,0,0
12964	0.07	0.16	0.09	320,320,333	0.0	0.0	0.0	0,0,0
12965	0.09	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12966	0.05	0.12	0.06	316,316,333	0.0	0.0	0.0	0,0,0
12967	0.07	0.16	0.09	320,320,333	0.0	0.0	0.0	0,0,0
12968	0.09	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12969	0.07	0.16	0.08	320,320,333	0.0	0.0	0.0	0,0,0
12970	0.08	0.18	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12971	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12972	0.08	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12973	0.09	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12974	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12975	0.08	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12976	0.09	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12977	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12978	0.08	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12979	0.09	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12980	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12981	0.08	0.18	0.10	320,319,333	0.0	0.0	0.0	0,0,0
12982	0.09	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
12983	0.10	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12984	0.09	0.20	0.11	320,319,333	0.0	0.0	0.0	0,0,0
12985	0.10	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
12986	0.12	0.26	0.14	320,320,333	0.0	0.0	0.0	0,0,0
12987	0.20	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
12988	0.08	0.20	0.09	319,319,334	0.0	0.0	0.0	0,0,0
12989	0.17	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
12990	0.09	0.18	0.10	319,319,334	0.0	0.0	0.0	0,0,0
12991	0.14	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
12992	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
12993	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
12994	0.09	0.20	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13015	0.14	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
13016	0.11	0.23	0.13	319,319,333	0.0	0.0	0.0	0,0,0
13017	0.17	0.38	0.20	320,319,333	0.0	0.0	0.0	0,0,0
13018	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
13019	0.27	0.63	0.33	320,319,333	0.28	0.0	0.0	319,0,0
13020	0.18	0.40	0.21	320,319,333	0.0	0.0	0.0	0,0,0
13021	0.38	0.77	0.45	319,319,333	0.31	0.31	0.30	319,332,333
13022	0.18	0.40	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13023	0.32	0.74	0.37	319,319,334	0.33	0.29	0.28	319,332,334
13024	0.22	0.49	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13025	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13026	0.15	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13027	0.14	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
13028	0.17	0.38	0.20	320,319,333	0.0	0.0	0.0	0,0,0
13029	0.28	0.63	0.33	320,320,333	0.28	0.0	0.0	319,0,0
13030	0.43	0.75	0.55	316,316,333	0.28	0.31	0.30	316,332,333
13031	0.35	0.76	0.40	319,319,334	0.34	0.30	0.29	319,332,334
13032	0.23	0.53	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13033	0.18	0.40	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13034	0.14	0.32	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13035	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
13036	0.14	0.32	0.17	320,319,333	0.0	0.0	0.0	0,0,0
13037	0.20	0.44	0.23	320,319,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13038	0.21	0.48	0.26	320,320,333	0.0	0.0	0.0	0,0,0
13039	0.32	0.72	0.36	319,319,334	0.32	0.28	0.0	319,332,0
13040	0.36	0.75	0.41	319,319,334	0.31	0.28	0.26	319,332,334
13041	0.21	0.48	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13042	0.24	0.54	0.27	319,319,334	0.0	0.0	0.0	0,0,0
13043	0.16	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13044	0.18	0.41	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13045	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
13046	0.14	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13047	0.09	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
13048	0.12	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
13049	0.08	0.20	0.09	320,320,334	0.0	0.0	0.0	0,0,0
13050	0.11	0.25	0.13	320,319,334	0.0	0.0	0.0	0,0,0
13051	0.07	0.15	0.08	320,320,334	0.0	0.0	0.0	0,0,0
13052	0.14	0.30	0.16	320,319,333	0.0	0.0	0.0	0,0,0
13053	0.07	0.13	0.08	320,319,334	0.0	0.0	0.0	0,0,0
13054	0.14	0.30	0.17	320,319,333	0.0	0.0	0.0	0,0,0
13055	0.16	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
13056	0.13	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
13057	0.11	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13058	0.18	0.42	0.21	319,319,334	0.0	0.0	0.0	0,0,0
13059	0.16	0.37	0.19	319,320,334	0.0	0.0	0.0	0,0,0
13060	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
13061	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13062	0.14	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13063	0.16	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13064	0.15	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13065	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
13066	0.11	0.25	0.12	319,320,333	0.0	0.0	0.0	0,0,0
13067	0.16	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13068	0.15	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13069	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
13070	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13071	0.16	0.37	0.18	320,320,334	0.0	0.0	0.0	0,0,0
13072	0.14	0.33	0.16	320,320,334	0.0	0.0	0.0	0,0,0
13073	0.12	0.29	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13074	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13075	0.15	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13076	0.14	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
13077	0.12	0.27	0.13	320,320,334	0.0	0.0	0.0	0,0,0
13078	0.10	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
13079	0.14	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13080	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
13081	0.11	0.24	0.12	320,320,334	0.0	0.0	0.0	0,0,0
13082	0.08	0.19	0.09	320,320,334	0.0	0.0	0.0	0,0,0
13083	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13084	0.14	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13085	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13086	0.08	0.18	0.09	319,319,334	0.0	0.0	0.0	0,0,0
13087	0.18	0.40	0.21	319,319,334	0.0	0.0	0.0	0,0,0
13088	0.18	0.40	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13089	0.18	0.40	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13090	0.17	0.40	0.20	319,320,334	0.0	0.0	0.0	0,0,0
13091	0.17	0.39	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13092	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13093	0.15	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13094	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13095	0.19	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13096	0.19	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13097	0.18	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
13098	0.18	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
13099	0.18	0.40	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13100	0.18	0.40	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13101	0.17	0.39	0.20	319,320,334	0.0	0.0	0.0	0,0,0
13102	0.17	0.40	0.20	319,320,334	0.0	0.0	0.0	0,0,0
13103	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13104	0.17	0.39	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13105	0.15	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13106	0.16	0.37	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13107	0.14	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13108	0.15	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13109	0.14	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13110	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13111	0.19	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13112	0.18	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
13113	0.17	0.39	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13114	0.16	0.37	0.18	319,320,334	0.0	0.0	0.0	0,0,0
13115	0.15	0.34	0.17	319,320,334	0.0	0.0	0.0	0,0,0
13116	0.13	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
13117	0.12	0.28	0.14	319,319,334	0.0	0.0	0.0	0,0,0
13118	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
13119	0.49	0.81	0.60	319,319,333	0.31	0.32	0.31	319,332,333
13120	0.15	0.35	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13121	0.10	0.23	0.12	320,320,334	0.0	0.0	0.0	0,0,0
13122	0.12	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13123	0.14	0.32	0.16	319,320,334	0.0	0.0	0.0	0,0,0
13124	0.16	0.36	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13125	0.18	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
13126	0.20	0.45	0.23	319,319,334	0.0	0.0	0.0	0,0,0
13127	0.14	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
13128	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13129	0.14	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13130	0.16	0.36	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13131	0.18	0.40	0.21	319,319,333	0.0	0.0	0.0	0,0,0
13132	0.19	0.44	0.22	319,319,333	0.0	0.0	0.0	0,0,0
13133	0.20	0.46	0.23	319,319,333	0.0	0.0	0.0	0,0,0
13134	0.21	0.48	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13135	0.51	0.78	0.63	320,320,333	0.29	0.30	0.30	320,332,333
13136	0.16	0.35	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13137	0.11	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13138	0.14	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13139	0.16	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
13140	0.18	0.40	0.21	319,319,333	0.0	0.0	0.0	0,0,0
13141	0.19	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13142	0.21	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13143	0.16	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13144	0.15	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13145	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13146	0.19	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
13147	0.20	0.45	0.23	319,319,333	0.0	0.0	0.0	0,0,0
13148	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13149	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13150	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
13151	0.12	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
13152	0.15	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13153	0.16	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13154	0.18	0.40	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13155	0.19	0.43	0.22	319,319,333	0.0	0.0	0.0	0,0,0
13156	0.20	0.46	0.23	319,319,333	0.0	0.0	0.0	0,0,0
13157	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13158	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
13159	0.18	0.41	0.21	319,319,333	0.0	0.0	0.0	0,0,0
13160	0.16	0.37	0.19	320,319,333	0.0	0.0	0.0	0,0,0
13161	0.18	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13162	0.19	0.43	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13163	0.20	0.45	0.23	320,319,333	0.0	0.0	0.0	0,0,0
13164	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13165	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13166	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13167	0.18	0.41	0.20	319,319,333	0.0	0.0	0.0	0,0,0
13168	0.16	0.37	0.19	320,319,333	0.0	0.0	0.0	0,0,0
13169	0.18	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13170	0.19	0.43	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13171	0.20	0.45	0.23	320,319,333	0.0	0.0	0.0	0,0,0
13172	0.20	0.46	0.24	320,319,333	0.0	0.0	0.0	0,0,0
13173	0.20	0.46	0.24	320,319,333	0.0	0.0	0.0	0,0,0
13174	0.20	0.46	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13175	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13176	0.15	0.35	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13177	0.17	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
13178	0.18	0.41	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13179	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13180	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13181	0.19	0.44	0.23	320,320,333	0.0	0.0	0.0	0,0,0
13182	0.19	0.43	0.22	320,319,333	0.0	0.0	0.0	0,0,0
13183	0.18	0.40	0.21	319,319,333	0.0	0.0	0.0	0,0,0
13184	0.17	0.37	0.19	320,319,333	0.0	0.0	0.0	0,0,0
13185	0.18	0.41	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13186	0.19	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13187	0.19	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13188	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13189	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13190	0.16	0.37	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13191	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
13192	0.16	0.37	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13193	0.18	0.40	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13194	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13195	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13196	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13197	0.18	0.42	0.21	320,320,334	0.0	0.0	0.0	0,0,0
13198	0.16	0.36	0.18	320,320,334	0.0	0.0	0.0	0,0,0
13199	0.12	0.29	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13200	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
13201	0.17	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
13202	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13203	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13204	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13205	0.18	0.42	0.21	320,320,334	0.0	0.0	0.0	0,0,0
13206	0.15	0.35	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13207	0.11	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
13208	0.11	0.22	0.12	319,319,333	0.0	0.0	0.0	0,0,0
13209	0.16	0.37	0.19	320,320,333	0.0	0.0	0.0	0,0,0
13210	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13211	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13212	0.19	0.45	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13213	0.18	0.42	0.21	320,320,334	0.0	0.0	0.0	0,0,0
13214	0.15	0.36	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13215	0.11	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
13216	0.44	0.69	0.53	319,319,333	0.24	0.25	0.24	319,325,333
13217	0.12	0.29	0.14	319,319,334	0.0	0.0	0.0	0,0,0
13218	0.12	0.28	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13219	0.14	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
13221	0.18	0.43	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13222	0.17	0.40	0.20	320,320,334	0.0	0.0	0.0	0,0,0
13223	0.10	0.25	0.12	320,319,334	0.0	0.0	0.0	0,0,0
13224	0.09	0.17	0.10	319,320,334	0.0	0.0	0.0	0,0,0
13225	0.10	0.21	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13226	0.32	0.57	0.40	315,315,333	0.21	0.20	0.20	319,325,333
13227	0.08	0.18	0.10	320,320,333	0.0	0.0	0.0	0,0,0
13228	0.19	0.37	0.23	302,302,333	0.0	0.0	0.0	0,0,0
13229	0.63	0.74	0.72	319,319,334	0.27	0.26	0.25	319,332,334
13230	0.10	0.22	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13231	0.08	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
13232	0.14	0.34	0.17	320,320,333	0.0	0.0	0.0	0,0,0
13233	0.17	0.41	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13234	0.18	0.43	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13235	0.14	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13236	0.19	0.47	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13237	0.42	0.67	0.51	319,319,333	0.24	0.25	0.24	319,332,333
13238	0.16	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13239	0.11	0.28	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13240	0.60	0.69	0.74	320,319,333	0.31	0.28	0.21	319,332,333
13241	0.25	0.56	0.29	319,319,333	0.0	0.0	0.0	0,0,0
13242	0.14	0.35	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13243	0.29	0.66	0.34	319,319,333	0.29	0.0	0.0	319,0,0
13244	0.21	0.46	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13245	0.16	0.38	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13246	0.16	0.38	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13247	0.18	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13248	0.18	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13249	0.11	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13250	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
13251	0.06	0.13	0.07	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13252	0.16	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13253	0.14	0.31	0.15	319,319,334	0.0	0.0	0.0	0,0,0
13254	0.12	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13255	0.08	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
13256	0.06	0.15	0.07	320,320,333	0.0	0.0	0.0	0,0,0
13257	0.05	0.11	0.06	319,319,333	0.0	0.0	0.0	0,0,0
13258	0.06	0.15	0.07	320,320,333	0.0	0.0	0.0	0,0,0
13259	0.04	0.10	0.05	319,320,333	0.0	0.0	0.0	0,0,0
13260	0.06	0.14	0.07	319,319,334	0.0	0.0	0.0	0,0,0
13261	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
13262	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13263	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
13264	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13265	0.10	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13266	0.09	0.21	0.11	319,320,333	0.0	0.0	0.0	0,0,0
13267	0.10	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13268	0.08	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
13269	0.07	0.16	0.08	319,319,333	0.0	0.0	0.0	0,0,0
13270	0.18	0.43	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13271	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13272	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13273	0.16	0.37	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13274	0.15	0.34	0.17	320,320,333	0.0	0.0	0.0	0,0,0
13275	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
13276	0.20	0.46	0.23	320,320,333	0.0	0.0	0.0	0,0,0
13277	0.18	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13278	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13279	0.18	0.42	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13280	0.19	0.46	0.23	320,320,333	0.0	0.0	0.0	0,0,0
13281	0.20	0.48	0.24	320,320,333	0.0	0.0	0.0	0,0,0
13282	0.21	0.49	0.24	320,320,333	0.0	0.0	0.0	0,0,0
13283	0.22	0.52	0.26	320,320,333	0.0	0.0	0.0	0,0,0
13284	0.23	0.53	0.26	320,320,333	0.0	0.0	0.0	0,0,0
13285	0.19	0.45	0.23	320,320,333	0.0	0.0	0.0	0,0,0
13286	0.21	0.49	0.24	320,320,333	0.0	0.0	0.0	0,0,0
13287	0.22	0.51	0.25	320,320,333	0.0	0.0	0.0	0,0,0
13288	0.23	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13289	0.23	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13290	0.24	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13291	0.23	0.53	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13292	0.23	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13293	0.24	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13294	0.22	0.52	0.26	320,320,333	0.0	0.0	0.0	0,0,0
13295	0.23	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13296	0.24	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13297	0.22	0.51	0.25	320,320,333	0.0	0.0	0.0	0,0,0
13298	0.23	0.53	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13299	0.23	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13300	0.23	0.54	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13301	0.23	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13302	0.23	0.55	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13303	0.23	0.52	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13304	0.23	0.52	0.26	319,320,333	0.0	0.0	0.0	0,0,0
13305	0.22	0.51	0.26	320,320,333	0.0	0.0	0.0	0,0,0
13306	0.23	0.53	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13307	0.23	0.53	0.27	320,320,333	0.0	0.0	0.0	0,0,0
13308	0.23	0.53	0.26	320,320,333	0.0	0.0	0.0	0,0,0
13309	0.23	0.51	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13310	0.22	0.50	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13311	0.21	0.49	0.25	319,320,333	0.0	0.0	0.0	0,0,0
13312	0.22	0.50	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13313	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
13314	0.20	0.46	0.23	319,320,333	0.0	0.0	0.0	0,0,0
13315	0.21	0.46	0.23	319,319,334	0.0	0.0	0.0	0,0,0
13316	0.20	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13317	0.19	0.42	0.21	319,320,334	0.0	0.0	0.0	0,0,0
13318	0.21	0.48	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13319	0.20	0.45	0.23	319,319,334	0.0	0.0	0.0	0,0,0
13320	0.19	0.42	0.22	319,320,334	0.0	0.0	0.0	0,0,0
13321	0.18	0.40	0.21	319,320,334	0.0	0.0	0.0	0,0,0
13322	0.18	0.41	0.20	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13323	0.18	0.41	0.20	320,320,334	0.0	0.0	0.0	0,0,0
13324	0.19	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13325	0.19	0.42	0.21	319,320,334	0.0	0.0	0.0	0,0,0
13326	0.18	0.42	0.21	320,320,334	0.0	0.0	0.0	0,0,0
13327	0.17	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13328	0.17	0.39	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13329	0.17	0.39	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13330	0.14	0.33	0.16	320,320,334	0.0	0.0	0.0	0,0,0
13331	0.14	0.33	0.16	320,320,334	0.0	0.0	0.0	0,0,0
13332	0.15	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13333	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13334	0.01	0.12	0.02	319,319,334	0.0	0.0	0.0	0,0,0
13335	0.02	0.11	0.02	319,319,334	0.0	0.0	0.0	0,0,0
13336	0.03	0.12	0.03	319,315,333	0.0	0.0	0.0	0,0,0
13337	0.04	0.14	0.05	320,319,334	0.0	0.0	0.0	0,0,0
13338	0.04	0.13	0.04	320,319,334	0.0	0.0	0.0	0,0,0
13339	0.03	0.14	0.04	320,315,334	0.0	0.0	0.0	0,0,0
13340	0.09	0.25	0.10	320,320,334	0.0	0.0	0.0	0,0,0
13341	0.08	0.22	0.09	320,320,334	0.0	0.0	0.0	0,0,0
13342	0.06	0.19	0.07	320,320,334	0.0	0.0	0.0	0,0,0
13343	0.15	0.40	0.18	320,320,334	0.0	0.0	0.0	0,0,0
13344	0.13	0.35	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13345	0.11	0.30	0.12	320,320,334	0.0	0.0	0.0	0,0,0
13346	0.01	0.12	0.01	320,319,334	0.0	0.0	0.0	0,0,0
13347	0.05	0.16	0.06	320,319,334	0.0	0.0	0.0	0,0,0
13348	0.10	0.27	0.12	320,320,334	0.0	0.0	0.0	0,0,0
13349	0.17	0.44	0.20	320,320,334	0.0	0.0	0.0	0,0,0
13350	0.06	0.19	0.07	319,319,333	0.0	0.0	0.0	0,0,0
13351	0.05	0.19	0.06	319,319,333	0.0	0.0	0.0	0,0,0
13352	0.05	0.21	0.06	320,319,334	0.0	0.0	0.0	0,0,0
13353	0.08	0.25	0.09	320,319,334	0.0	0.0	0.0	0,0,0
13354	0.02	0.10	0.02	320,319,334	0.0	0.0	0.0	0,0,0
13355	0.02	0.10	0.02	320,319,334	0.0	0.0	0.0	0,0,0
13356	0.02	0.10	0.02	320,319,334	0.0	0.0	0.0	0,0,0
13357	0.02	0.10	0.02	320,315,334	0.0	0.0	0.0	0,0,0
13358	0.02	0.11	0.02	320,315,334	0.0	0.0	0.0	0,0,0
13359	0.06	0.18	0.07	320,320,334	0.0	0.0	0.0	0,0,0
13360	0.06	0.18	0.07	320,320,334	0.0	0.0	0.0	0,0,0
13361	0.06	0.18	0.07	320,319,334	0.0	0.0	0.0	0,0,0
13362	0.06	0.18	0.07	320,319,334	0.0	0.0	0.0	0,0,0
13363	0.06	0.17	0.06	320,319,334	0.0	0.0	0.0	0,0,0
13364	0.13	0.34	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13365	0.13	0.33	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13366	0.12	0.32	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13367	0.12	0.31	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13368	0.11	0.30	0.13	320,320,334	0.0	0.0	0.0	0,0,0
13369	0.21	0.54	0.25	320,320,334	0.0	0.0	0.0	0,0,0
13370	0.21	0.52	0.24	320,320,334	0.0	0.0	0.0	0,0,0
13371	0.20	0.51	0.24	320,320,334	0.0	0.0	0.0	0,0,0
13372	0.20	0.49	0.23	320,320,334	0.0	0.0	0.0	0,0,0
13373	0.19	0.47	0.22	320,320,334	0.0	0.0	0.0	0,0,0
13374	0.24	0.65	0.29	320,320,334	0.28	0.0	0.0	320,0,0
13375	0.12	0.35	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13376	0.04	0.17	0.05	320,320,334	0.0	0.0	0.0	0,0,0
13377	0.02	0.10	0.02	319,320,333	0.0	0.0	0.0	0,0,0
13378	0.23	0.60	0.27	320,320,334	0.0	0.0	0.0	0,0,0
13379	0.13	0.34	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13380	0.06	0.18	0.07	320,320,334	0.0	0.0	0.0	0,0,0
13381	0.02	0.10	0.02	319,320,333	0.0	0.0	0.0	0,0,0
13382	0.22	0.56	0.26	320,320,334	0.0	0.0	0.0	0,0,0
13383	0.13	0.34	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13384	0.06	0.18	0.07	320,320,334	0.0	0.0	0.0	0,0,0
13385	0.02	0.10	0.02	320,319,334	0.0	0.0	0.0	0,0,0
13386	0.01	0.12	0.01	320,322,334	0.0	0.0	0.0	0,0,0
13387	0.02	0.11	0.02	320,316,334	0.0	0.0	0.0	0,0,0
13388	0.02	0.11	0.02	320,316,334	0.0	0.0	0.0	0,0,0
13389	0.02	0.11	0.02	319,322,334	0.0	0.0	0.0	0,0,0
13390	0.02	0.11	0.03	320,316,334	0.0	0.0	0.0	0,0,0
13391	0.03	0.11	0.03	320,316,334	0.0	0.0	0.0	0,0,0
13392	0.02	0.09	0.02	319,316,333	0.0	0.0	0.0	0,0,0
13393	0.02	0.09	0.03	320,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13394	0.03	0.10	0.03	320,316,334	0.0	0.0	0.0	0,0,0
13395	0.02	0.10	0.02	319,320,333	0.0	0.0	0.0	0,0,0
13396	0.02	0.08	0.03	319,320,333	0.0	0.0	0.0	0,0,0
13397	0.03	0.09	0.03	319,315,333	0.0	0.0	0.0	0,0,0
13398	0.02	0.10	0.02	320,316,334	0.0	0.0	0.0	0,0,0
13399	0.02	0.10	0.02	320,315,334	0.0	0.0	0.0	0,0,0
13400	0.02	0.11	0.02	320,315,334	0.0	0.0	0.0	0,0,0
13401	0.02	0.11	0.02	320,315,334	0.0	0.0	0.0	0,0,0
13402	0.02	0.12	0.02	319,315,334	0.0	0.0	0.0	0,0,0
13403	0.03	0.12	0.04	320,315,334	0.0	0.0	0.0	0,0,0
13404	0.03	0.12	0.04	320,315,334	0.0	0.0	0.0	0,0,0
13405	0.03	0.13	0.04	320,319,334	0.0	0.0	0.0	0,0,0
13406	0.03	0.13	0.04	320,319,334	0.0	0.0	0.0	0,0,0
13407	0.03	0.14	0.03	320,319,333	0.0	0.0	0.0	0,0,0
13408	0.03	0.11	0.04	320,319,334	0.0	0.0	0.0	0,0,0
13409	0.03	0.11	0.04	320,319,334	0.0	0.0	0.0	0,0,0
13410	0.03	0.12	0.04	320,319,334	0.0	0.0	0.0	0,0,0
13411	0.03	0.12	0.04	320,319,334	0.0	0.0	0.0	0,0,0
13412	0.03	0.13	0.03	320,319,334	0.0	0.0	0.0	0,0,0
13413	0.03	0.10	0.03	319,315,333	0.0	0.0	0.0	0,0,0
13414	0.03	0.11	0.03	319,319,333	0.0	0.0	0.0	0,0,0
13415	0.03	0.12	0.03	319,319,333	0.0	0.0	0.0	0,0,0
13416	0.03	0.12	0.03	320,319,333	0.0	0.0	0.0	0,0,0
13417	0.03	0.13	0.03	320,319,333	0.0	0.0	0.0	0,0,0
13418	0.25	0.54	0.30	320,320,333	0.0	0.0	0.0	0,0,0
13419	0.18	0.37	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13420	0.07	0.16	0.08	316,316,333	0.0	0.0	0.0	0,0,0
13421	0.06	0.14	0.07	316,316,333	0.0	0.0	0.0	0,0,0
13422	0.03	0.11	0.04	302,316,333	0.0	0.0	0.0	0,0,0
13532	0.10	0.22	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13533	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13534	0.12	0.27	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13535	0.36	0.77	0.44	319,319,333	0.33	0.31	0.30	319,332,333
13536	0.11	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13537	0.15	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13538	0.09	0.22	0.11	319,320,333	0.0	0.0	0.0	0,0,0
13539	0.02	0.11	0.02	319,320,334	0.0	0.0	0.0	0,0,0
13540	0.09	0.20	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13541	0.15	0.34	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13542	0.08	0.18	0.10	319,319,333	0.0	0.0	0.0	0,0,0
13543	0.21	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13544	0.23	0.52	0.26	319,320,333	0.0	0.0	0.0	0,0,0
13545	0.12	0.26	0.14	319,320,333	0.0	0.0	0.0	0,0,0
13546	0.13	0.28	0.15	320,320,333	0.0	0.0	0.0	0,0,0
13547	0.33	0.74	0.38	320,322,333	0.31	0.28	0.26	322,326,333
13548	0.11	0.25	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13549	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
13550	0.20	0.46	0.24	320,320,333	0.0	0.0	0.0	0,0,0
13551	0.15	0.27	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13552	0.09	0.19	0.11	316,316,333	0.0	0.0	0.0	0,0,0
13553	0.06	0.14	0.08	316,316,333	0.0	0.0	0.0	0,0,0
13554	0.09	0.20	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13555	0.06	0.13	0.07	320,316,334	0.0	0.0	0.0	0,0,0
13556	0.09	0.20	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13557	0.09	0.20	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13558	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
13559	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
13560	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13561	0.14	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13562	0.11	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13563	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
13564	0.13	0.28	0.15	320,320,333	0.0	0.0	0.0	0,0,0
13565	0.12	0.32	0.14	322,322,333	0.0	0.0	0.0	0,0,0
13566	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
13568	0.08	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
13569	0.04	0.15	0.05	320,320,334	0.0	0.0	0.0	0,0,0
13570	0.23	0.55	0.28	316,316,333	0.0	0.0	0.0	0,0,0
13571	0.18	0.32	0.22	316,316,333	0.0	0.0	0.0	0,0,0
13572	0.17	0.27	0.20	316,316,333	0.0	0.0	0.0	0,0,0
13573	0.17	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13574	0.11	0.27	0.13	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13575	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13576	0.13	0.28	0.15	320,320,333	0.0	0.0	0.0	0,0,0
13577	0.07	0.14	0.08	320,320,333	0.0	0.0	0.0	0,0,0
13578	0.18	0.40	0.21	320,320,333	0.0	0.0	0.0	0,0,0
13579	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13580	0.17	0.37	0.19	319,320,334	0.0	0.0	0.0	0,0,0
13581	0.16	0.26	0.20	316,316,333	0.0	0.0	0.0	0,0,0
13582	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13583	0.16	0.37	0.19	320,320,333	0.0	0.0	0.0	0,0,0
13584	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
13585	0.19	0.43	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13586	0.14	0.32	0.16	319,320,334	0.0	0.0	0.0	0,0,0
13587	0.21	0.48	0.25	320,320,333	0.0	0.0	0.0	0,0,0
13588	0.20	0.44	0.23	320,320,333	0.0	0.0	0.0	0,0,0
13589	0.21	0.46	0.24	320,320,333	0.0	0.0	0.0	0,0,0
13590	0.17	0.38	0.19	319,320,334	0.0	0.0	0.0	0,0,0
13591	0.20	0.44	0.23	320,320,333	0.0	0.0	0.0	0,0,0
13592	0.21	0.47	0.24	320,320,333	0.0	0.0	0.0	0,0,0
13593	0.21	0.49	0.25	320,320,333	0.0	0.0	0.0	0,0,0
13594	0.17	0.27	0.20	316,316,334	0.0	0.0	0.0	0,0,0
13595	0.09	0.35	0.11	320,320,334	0.0	0.0	0.0	0,0,0
13596	0.17	0.37	0.19	320,320,333	0.0	0.0	0.0	0,0,0
13597	0.05	0.11	0.05	320,320,333	0.0	0.0	0.0	0,0,0
13598	0.05	0.12	0.06	320,320,333	0.0	0.0	0.0	0,0,0
13599	0.20	0.47	0.24	320,320,333	0.0	0.0	0.0	0,0,0
13600	0.19	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13601	0.17	0.40	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13602	0.20	0.45	0.23	319,320,333	0.0	0.0	0.0	0,0,0
13603	0.18	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13604	0.17	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
13605	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
13606	0.22	0.51	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13607	0.22	0.49	0.25	319,319,333	0.0	0.0	0.0	0,0,0
13608	0.23	0.52	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13609	0.23	0.52	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13610	0.23	0.52	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13611	0.23	0.51	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13612	0.23	0.52	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13613	0.06	0.14	0.07	320,320,333	0.0	0.0	0.0	0,0,0
13614	0.23	0.52	0.27	319,319,334	0.0	0.0	0.0	0,0,0
13615	0.23	0.52	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13616	0.21	0.50	0.25	319,319,333	0.0	0.0	0.0	0,0,0
13617	0.23	0.52	0.27	319,319,334	0.0	0.0	0.0	0,0,0
13618	0.17	0.36	0.20	319,319,333	0.0	0.0	0.0	0,0,0
13619	0.13	0.29	0.14	319,319,333	0.0	0.0	0.0	0,0,0
13620	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
13621	0.23	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13622	0.07	0.16	0.08	320,320,333	0.0	0.0	0.0	0,0,0
13623	0.22	0.50	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13624	0.23	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13625	0.19	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13626	0.17	0.37	0.20	320,320,333	0.0	0.0	0.0	0,0,0
13627	0.21	0.46	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13628	0.20	0.44	0.23	319,319,334	0.0	0.0	0.0	0,0,0
13629	0.16	0.37	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13630	0.21	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13631	0.18	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
13632	0.16	0.37	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13633	0.18	0.40	0.21	319,319,334	0.0	0.0	0.0	0,0,0
13634	0.14	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
13635	0.15	0.32	0.17	319,320,334	0.0	0.0	0.0	0,0,0
13636	0.37	0.65	0.45	316,316,333	0.23	0.24	0.24	316,326,333
13637	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13638	0.12	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
13639	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
13640	0.11	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13641	0.12	0.25	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13642	0.10	0.22	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13643	0.11	0.24	0.13	320,320,333	0.0	0.0	0.0	0,0,0
13644	0.09	0.19	0.11	320,320,333	0.0	0.0	0.0	0,0,0
13645	0.11	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13646	0.08	0.17	0.10	320,320,333	0.0	0.0	0.0	0,0,0
13647	0.10	0.23	0.11	319,319,334	0.0	0.0	0.0	0,0,0
13648	0.05	0.13	0.06	320,320,334	0.0	0.0	0.0	0,0,0
13649	0.14	0.33	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13650	0.08	0.18	0.09	319,320,334	0.0	0.0	0.0	0,0,0
13651	0.24	0.56	0.27	319,319,334	0.0	0.0	0.0	0,0,0
13652	0.13	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
13653	0.43	0.81	0.49	320,320,334	0.33	0.31	0.30	319,332,334
13654	0.22	0.52	0.25	319,319,334	0.0	0.0	0.0	0,0,0
13655	0.26	0.61	0.30	319,319,334	0.0	0.0	0.0	0,0,0
13656	0.24	0.55	0.27	319,319,334	0.0	0.0	0.0	0,0,0
13657	0.46	0.81	0.53	319,319,334	0.31	0.31	0.30	319,332,334
13658	0.22	0.51	0.25	319,319,334	0.0	0.0	0.0	0,0,0
13659	0.24	0.55	0.28	319,319,334	0.0	0.0	0.0	0,0,0
13660	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13661	0.15	0.35	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13662	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13663	0.15	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13664	0.19	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13665	0.11	0.26	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13666	0.10	0.22	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13667	0.10	0.22	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13668	0.12	0.27	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13669	0.24	0.55	0.27	319,319,334	0.0	0.0	0.0	0,0,0
13670	0.10	0.22	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13671	0.09	0.22	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13672	0.23	0.52	0.28	319,319,333	0.0	0.0	0.0	0,0,0
13673	0.23	0.52	0.25	319,319,334	0.0	0.0	0.0	0,0,0
13674	0.15	0.35	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13675	0.27	0.63	0.31	319,319,334	0.29	0.0	0.0	319,0,0
13676	0.17	0.39	0.19	319,319,334	0.0	0.0	0.0	0,0,0
13677	0.09	0.21	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13678	0.31	0.70	0.35	319,319,334	0.31	0.0	0.0	319,0,0
13679	0.41	0.81	0.46	319,319,334	0.32	0.30	0.29	319,332,334
13680	0.10	0.23	0.11	319,319,334	0.0	0.0	0.0	0,0,0
13681	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13682	0.09	0.22	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13683	0.09	0.20	0.11	319,320,333	0.0	0.0	0.0	0,0,0
13684	0.27	0.63	0.30	319,319,334	0.0	0.0	0.0	0,0,0
13685	0.17	0.38	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13686	0.19	0.42	0.22	319,319,333	0.0	0.0	0.0	0,0,0
13687	0.16	0.37	0.19	319,320,333	0.0	0.0	0.0	0,0,0
13688	0.14	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
13689	0.13	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
13691	0.20	0.48	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13692	0.20	0.48	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13693	0.20	0.43	0.23	320,320,334	0.0	0.0	0.0	0,0,0
13694	0.21	0.48	0.25	320,320,333	0.0	0.0	0.0	0,0,0
13695	0.26	0.61	0.31	319,319,334	0.0	0.0	0.0	0,0,0
13696	0.22	0.54	0.25	320,322,333	0.0	0.0	0.0	0,0,0
13697	0.20	0.43	0.23	320,320,333	0.0	0.0	0.0	0,0,0
13698	0.15	0.37	0.17	322,322,333	0.0	0.0	0.0	0,0,0
13699	0.29	0.61	0.35	319,319,333	0.27	0.0	0.0	319,0,0
13700	0.17	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
13701	0.14	0.30	0.16	319,319,333	0.0	0.0	0.0	0,0,0
13702	0.10	0.21	0.12	319,320,333	0.0	0.0	0.0	0,0,0
13703	0.16	0.37	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13704	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13705	0.20	0.45	0.23	319,319,334	0.0	0.0	0.0	0,0,0
13706	0.23	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13707	0.22	0.50	0.26	319,319,333	0.0	0.0	0.0	0,0,0
13708	0.46	0.59	0.56	316,316,333	0.20	0.21	0.21	316,326,333
13709	0.22	0.50	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13710	0.32	0.48	0.39	316,316,333	0.16	0.0	0.0	316,0,0
13711	0.21	0.48	0.25	319,319,334	0.0	0.0	0.0	0,0,0
13712	0.23	0.52	0.27	319,319,334	0.0	0.0	0.0	0,0,0
13713	0.29	0.44	0.35	320,320,334	0.0	0.0	0.0	0,0,0
13714	0.23	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13715	0.23	0.52	0.27	319,319,334	0.0	0.0	0.0	0,0,0
13716	0.23	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13717	0.23	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13718	0.23	0.52	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13719	0.23	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13720	0.23	0.52	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13721	0.21	0.46	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13722	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
13723	0.40	0.58	0.49	320,320,334	0.19	0.20	0.20	320,332,334
13724	0.32	0.76	0.38	319,319,334	0.34	0.31	0.30	319,332,334
13725	0.21	0.47	0.24	320,320,333	0.0	0.0	0.0	0,0,0
13726	0.22	0.49	0.26	320,320,334	0.0	0.0	0.0	0,0,0
13729	0.43	0.79	0.52	319,319,333	0.32	0.32	0.31	319,332,333
13730	0.20	0.44	0.23	320,320,333	0.0	0.0	0.0	0,0,0
13732	0.72	0.76	0.88	319,319,333	0.28	0.29	0.28	319,332,334
13733	0.21	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13734	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
13735	0.19	0.43	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13736	0.20	0.45	0.23	319,319,333	0.0	0.0	0.0	0,0,0
13737	0.22	0.45	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13738	0.72	0.72	0.82	319,319,334	0.31	0.27	0.26	319,332,334
13739	0.30	0.62	0.36	320,320,334	0.21	0.22	0.22	320,332,334
13740	0.35	0.76	0.40	319,319,334	0.33	0.29	0.28	319,332,334
13741	0.11	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13742	0.11	0.32	0.14	320,322,334	0.0	0.0	0.0	0,0,0
13743	0.12	0.35	0.14	320,322,334	0.0	0.0	0.0	0,0,0
13744	0.06	0.25	0.07	320,322,334	0.0	0.0	0.0	0,0,0
13745	0.01	0.15	0.02	320,322,334	0.0	0.0	0.0	0,0,0
13746	0.01	0.16	0.01	320,322,334	0.0	0.0	0.0	0,0,0
13747	0.20	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
13748	0.08	0.17	0.10	319,319,334	0.0	0.0	0.0	0,0,0
13749	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13750	0.12	0.25	0.13	320,319,333	0.0	0.0	0.0	0,0,0
13751	0.12	0.29	0.13	319,319,333	0.0	0.0	0.0	0,0,0
13752	0.31	0.66	0.37	319,319,333	0.28	0.25	0.25	319,332,333
13753	0.09	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
13754	0.14	0.29	0.16	319,319,333	0.0	0.0	0.0	0,0,0
13755	0.11	0.25	0.13	320,320,334	0.0	0.0	0.0	0,0,0
13756	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
13757	8.84e-03	0.17	9.62e-03	321,322,333	0.0	0.0	0.0	0,0,0
13758	0.14	0.35	0.17	319,319,334	0.0	0.0	0.0	0,0,0
13759	0.09	0.30	0.11	320,322,334	0.0	0.0	0.0	0,0,0
13760	0.13	0.32	0.16	319,320,334	0.0	0.0	0.0	0,0,0
13761	0.09	0.30	0.11	320,322,334	0.0	0.0	0.0	0,0,0
13762	0.17	0.38	0.20	319,319,333	0.0	0.0	0.0	0,0,0
13763	0.16	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
13764	0.05	0.12	0.06	316,316,333	0.0	0.0	0.0	0,0,0
13765	0.12	0.26	0.14	320,320,333	0.0	0.0	0.0	0,0,0
13766	0.05	0.11	0.06	319,319,334	0.0	0.0	0.0	0,0,0
13767	0.07	0.16	0.08	319,319,334	0.0	0.0	0.0	0,0,0
13768	0.11	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13769	0.12	0.28	0.14	319,319,334	0.0	0.0	0.0	0,0,0
13770	0.12	0.28	0.14	319,319,334	0.0	0.0	0.0	0,0,0
13771	0.07	0.22	0.08	321,315,334	0.0	0.0	0.0	0,0,0
13772	0.05	0.15	0.05	319,315,334	0.0	0.0	0.0	0,0,0
13773	0.06	0.11	0.07	319,307,334	0.0	0.0	0.0	0,0,0
13774	0.07	0.12	0.08	319,319,334	0.0	0.0	0.0	0,0,0
13775	0.07	0.22	0.08	321,315,334	0.0	0.0	0.0	0,0,0
13776	0.05	0.16	0.06	319,315,334	0.0	0.0	0.0	0,0,0
13777	0.06	0.12	0.07	319,307,333	0.0	0.0	0.0	0,0,0
13778	0.07	0.13	0.08	319,319,333	0.0	0.0	0.0	0,0,0
13779	0.07	0.21	0.08	319,319,334	0.0	0.0	0.0	0,0,0
13780	0.05	0.17	0.06	321,315,334	0.0	0.0	0.0	0,0,0
13781	0.06	0.13	0.07	319,315,333	0.0	0.0	0.0	0,0,0
13782	0.07	0.13	0.08	319,319,333	0.0	0.0	0.0	0,0,0
13783	0.08	0.22	0.09	319,319,334	0.0	0.0	0.0	0,0,0
13784	0.06	0.18	0.07	319,319,334	0.0	0.0	0.0	0,0,0
13785	0.06	0.15	0.07	319,315,333	0.0	0.0	0.0	0,0,0
13786	0.06	0.13	0.07	319,315,333	0.0	0.0	0.0	0,0,0
13787	0.08	0.22	0.10	319,319,334	0.0	0.0	0.0	0,0,0
13788	0.07	0.19	0.09	319,319,334	0.0	0.0	0.0	0,0,0
13789	0.07	0.18	0.08	319,319,334	0.0	0.0	0.0	0,0,0
13790	0.06	0.16	0.07	319,319,334	0.0	0.0	0.0	0,0,0
13791	0.08	0.21	0.10	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13792	0.09	0.22	0.10	319,319,334	0.0	0.0	0.0	0,0,0
13793	0.09	0.22	0.10	319,319,334	0.0	0.0	0.0	0,0,0
13794	0.08	0.21	0.10	319,319,334	0.0	0.0	0.0	0,0,0
13795	0.09	0.22	0.11	319,319,334	0.0	0.0	0.0	0,0,0
13796	0.10	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13797	0.11	0.27	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13798	0.11	0.28	0.13	319,319,334	0.0	0.0	0.0	0,0,0
13799	0.13	0.37	0.15	316,315,333	0.0	0.0	0.0	0,0,0
13800	0.13	0.41	0.15	319,319,333	0.0	0.0	0.0	0,0,0
13801	0.10	0.28	0.12	319,319,333	0.0	0.0	0.0	0,0,0
13802	0.11	0.29	0.13	320,319,333	0.0	0.0	0.0	0,0,0
13803	0.11	0.29	0.13	319,319,333	0.0	0.0	0.0	0,0,0
13804	0.10	0.27	0.12	319,319,333	0.0	0.0	0.0	0,0,0
13805	0.12	0.28	0.13	320,320,334	0.0	0.0	0.0	0,0,0
13806	0.11	0.27	0.13	319,320,334	0.0	0.0	0.0	0,0,0
13807	0.10	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13808	0.11	0.32	0.13	319,319,333	0.0	0.0	0.0	0,0,0
13809	0.18	0.47	0.21	319,319,333	0.0	0.0	0.0	0,0,0
13810	0.12	0.33	0.14	319,319,333	0.0	0.0	0.0	0,0,0
13811	0.09	0.29	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13812	0.16	0.42	0.19	319,319,333	0.0	0.0	0.0	0,0,0
13813	0.11	0.31	0.12	319,319,333	0.0	0.0	0.0	0,0,0
13814	0.08	0.27	0.09	319,319,333	0.0	0.0	0.0	0,0,0
13815	0.14	0.39	0.16	319,319,333	0.0	0.0	0.0	0,0,0
13816	0.10	0.30	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13817	0.09	0.37	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13818	0.14	0.43	0.16	319,319,333	0.0	0.0	0.0	0,0,0
13819	0.10	0.29	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13820	0.16	0.57	0.18	321,321,334	0.0	0.0	0.0	0,0,0
13821	0.31	0.57	0.35	321,321,334	0.22	0.17	0.16	321,330,334
13822	0.15	0.34	0.17	321,321,334	0.0	0.0	0.0	0,0,0
13823	0.16	0.43	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13824	0.26	0.58	0.30	321,319,334	0.21	0.0	0.0	319,0,0
13825	0.15	0.37	0.17	321,321,334	0.0	0.0	0.0	0,0,0
13826	0.14	0.38	0.16	319,319,333	0.0	0.0	0.0	0,0,0
13827	0.23	0.55	0.27	319,319,333	0.0	0.0	0.0	0,0,0
13828	0.15	0.36	0.17	321,319,334	0.0	0.0	0.0	0,0,0
13829	0.13	0.35	0.15	319,319,333	0.0	0.0	0.0	0,0,0
13830	0.21	0.52	0.24	319,319,333	0.0	0.0	0.0	0,0,0
13831	0.13	0.35	0.15	321,319,333	0.0	0.0	0.0	0,0,0
13832	0.14	0.31	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13833	0.12	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13834	0.12	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13835	0.08	0.16	0.09	321,321,334	0.0	0.0	0.0	0,0,0
13836	0.04	0.09	0.04	313,313,334	0.0	0.0	0.0	0,0,0
13837	0.03	0.06	0.04	321,322,334	0.0	0.0	0.0	0,0,0
13838	0.04	0.08	0.04	321,322,334	0.0	0.0	0.0	0,0,0
13839	0.09	0.24	0.10	321,321,334	0.0	0.0	0.0	0,0,0
13840	0.04	0.12	0.04	313,307,334	0.0	0.0	0.0	0,0,0
13841	0.04	0.07	0.04	321,322,334	0.0	0.0	0.0	0,0,0
13842	0.04	0.09	0.05	321,320,334	0.0	0.0	0.0	0,0,0
13843	0.08	0.22	0.09	321,321,334	0.0	0.0	0.0	0,0,0
13844	0.04	0.13	0.04	313,313,334	0.0	0.0	0.0	0,0,0
13845	0.04	0.08	0.05	319,307,334	0.0	0.0	0.0	0,0,0
13846	0.05	0.09	0.06	319,320,334	0.0	0.0	0.0	0,0,0
13847	0.08	0.22	0.09	321,315,334	0.0	0.0	0.0	0,0,0
13848	0.04	0.15	0.05	313,307,334	0.0	0.0	0.0	0,0,0
13849	0.05	0.09	0.06	319,307,334	0.0	0.0	0.0	0,0,0
13850	0.06	0.11	0.07	319,319,334	0.0	0.0	0.0	0,0,0
13851	0.25	0.58	0.29	320,320,334	0.0	0.0	0.0	0,0,0
13852	0.22	0.50	0.25	320,320,334	0.0	0.0	0.0	0,0,0
13853	0.18	0.41	0.21	320,320,334	0.0	0.0	0.0	0,0,0
13854	0.18	0.42	0.21	320,320,334	0.0	0.0	0.0	0,0,0
13855	0.16	0.37	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13856	0.14	0.32	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13857	0.13	0.30	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13858	0.13	0.29	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13859	0.12	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13860	0.09	0.20	0.11	319,319,333	0.0	0.0	0.0	0,0,0
13861	0.28	0.64	0.35	315,315,333	0.27	0.25	0.25	315,325,333
13862	0.32	0.73	0.36	319,319,334	0.33	0.29	0.0	319,332,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13863	0.45	0.81	0.51	319,319,334	0.31	0.30	0.29	319,332,334
13864	0.25	0.57	0.28	319,319,334	0.0	0.0	0.0	0,0,0
13865	0.33	0.75	0.37	319,319,334	0.34	0.29	0.29	319,332,334
13866	0.33	0.78	0.38	319,319,334	0.35	0.30	0.30	319,332,334
13867	0.09	0.27	0.10	320,320,333	0.0	0.0	0.0	0,0,0
13868	0.47	0.81	0.53	319,319,334	0.34	0.31	0.29	319,332,334
13869	0.42	0.81	0.47	319,319,334	0.33	0.30	0.29	319,332,334
13870	0.06	0.24	0.07	320,322,334	0.0	0.0	0.0	0,0,0
13871	0.02	0.15	0.02	320,322,334	0.0	0.0	0.0	0,0,0
13872	0.06	0.15	0.07	319,319,334	0.0	0.0	0.0	0,0,0
13873	0.05	0.13	0.06	320,320,333	0.0	0.0	0.0	0,0,0
13874	0.05	0.13	0.06	320,320,333	0.0	0.0	0.0	0,0,0
13875	0.05	0.12	0.06	320,316,333	0.0	0.0	0.0	0,0,0
13876	0.02	0.15	0.02	319,315,333	0.0	0.0	0.0	0,0,0
13877	0.02	0.19	0.02	319,315,333	0.0	0.0	0.0	0,0,0
13878	0.02	0.25	0.02	319,321,333	0.0	0.0	0.0	0,0,0
13879	0.02	0.14	0.03	320,319,333	0.0	0.0	0.0	0,0,0
13880	0.02	0.17	0.02	320,315,333	0.0	0.0	0.0	0,0,0
13881	0.02	0.22	0.02	321,321,333	0.0	0.0	0.0	0,0,0
13882	0.02	0.13	0.03	320,319,333	0.0	0.0	0.0	0,0,0
13883	0.02	0.13	0.02	320,319,333	0.0	0.0	0.0	0,0,0
13884	0.02	0.15	0.03	321,315,333	0.0	0.0	0.0	0,0,0
13885	0.02	0.13	0.02	320,319,333	0.0	0.0	0.0	0,0,0
13886	0.01	0.12	0.02	320,319,333	0.0	0.0	0.0	0,0,0
13887	0.02	0.13	0.03	319,315,333	0.0	0.0	0.0	0,0,0
13888	0.05	0.36	0.06	321,321,334	0.0	0.0	0.0	0,0,0
13889	0.07	0.28	0.08	319,321,333	0.0	0.0	0.0	0,0,0
13890	0.07	0.22	0.07	319,319,333	0.0	0.0	0.0	0,0,0
13891	0.06	0.20	0.07	319,319,333	0.0	0.0	0.0	0,0,0
13892	0.28	0.66	0.33	320,320,334	0.30	0.0	0.0	320,0,0
13893	0.20	0.46	0.23	320,320,334	0.0	0.0	0.0	0,0,0
13894	0.14	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
13895	0.05	0.14	0.06	319,319,334	0.0	0.0	0.0	0,0,0
13896	0.05	0.12	0.06	320,320,333	0.0	0.0	0.0	0,0,0
13897	0.05	0.12	0.06	320,320,333	0.0	0.0	0.0	0,0,0
13898	0.05	0.12	0.06	320,320,333	0.0	0.0	0.0	0,0,0
13899	0.02	0.13	0.02	319,315,333	0.0	0.0	0.0	0,0,0
13900	0.03	0.14	0.03	320,319,333	0.0	0.0	0.0	0,0,0
13901	0.03	0.13	0.03	320,319,333	0.0	0.0	0.0	0,0,0
13902	0.02	0.13	0.03	320,319,333	0.0	0.0	0.0	0,0,0
13903	0.33	0.73	0.38	320,320,334	0.31	0.28	0.28	320,332,334
13904	0.33	0.76	0.39	320,320,334	0.33	0.30	0.30	320,332,334
13905	0.33	0.77	0.39	320,320,334	0.34	0.31	0.31	320,332,334
13906	0.32	0.76	0.38	320,320,334	0.34	0.31	0.30	320,332,334
13907	0.30	0.71	0.36	320,320,334	0.32	0.29	0.0	320,332,0
13908	0.25	0.60	0.29	320,320,334	0.0	0.0	0.0	0,0,0
13909	0.24	0.58	0.28	320,320,334	0.0	0.0	0.0	0,0,0
13910	0.23	0.55	0.28	320,320,334	0.0	0.0	0.0	0,0,0
13911	0.23	0.53	0.26	320,320,334	0.0	0.0	0.0	0,0,0
13912	0.21	0.50	0.25	320,320,334	0.0	0.0	0.0	0,0,0
13913	0.16	0.40	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13914	0.16	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13915	0.16	0.37	0.18	320,320,334	0.0	0.0	0.0	0,0,0
13916	0.15	0.35	0.18	320,320,334	0.0	0.0	0.0	0,0,0
13917	0.15	0.33	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13918	0.09	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
13919	0.10	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
13920	0.10	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
13921	0.06	0.14	0.06	320,320,334	0.0	0.0	0.0	0,0,0
13922	0.05	0.12	0.05	320,320,334	0.0	0.0	0.0	0,0,0
13923	0.05	0.12	0.05	320,320,334	0.0	0.0	0.0	0,0,0
13924	0.04	0.10	0.05	319,319,333	0.0	0.0	0.0	0,0,0
13925	0.04	0.11	0.05	319,319,333	0.0	0.0	0.0	0,0,0
13926	0.05	0.13	0.06	319,319,333	0.0	0.0	0.0	0,0,0
13927	0.16	0.39	0.17	320,320,334	0.0	0.0	0.0	0,0,0
13928	0.17	0.40	0.18	320,320,334	0.0	0.0	0.0	0,0,0
13929	0.14	0.32	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13930	0.08	0.20	0.09	320,320,334	0.0	0.0	0.0	0,0,0
13931	0.07	0.18	0.08	320,320,334	0.0	0.0	0.0	0,0,0
13932	0.06	0.16	0.07	320,320,334	0.0	0.0	0.0	0,0,0
13933	0.31	0.69	0.34	320,320,334	0.29	0.24	0.0	320,332,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
13934	0.33	0.71	0.36	320,320,334	0.29	0.24	0.23	320,332,334
13935	0.14	0.32	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13936	0.08	0.20	0.09	320,320,334	0.0	0.0	0.0	0,0,0
13937	0.06	0.14	0.06	320,320,334	0.0	0.0	0.0	0,0,0
13938	0.04	0.10	0.05	319,319,333	0.0	0.0	0.0	0,0,0
13939	0.12	0.30	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13940	0.12	0.31	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13941	0.11	0.27	0.12	320,320,334	0.0	0.0	0.0	0,0,0
13942	0.09	0.22	0.10	320,320,334	0.0	0.0	0.0	0,0,0
13943	0.10	0.24	0.11	320,320,334	0.0	0.0	0.0	0,0,0
13944	0.09	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
13945	0.11	0.25	0.13	319,320,334	0.0	0.0	0.0	0,0,0
13946	0.13	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13947	0.21	0.48	0.24	319,319,334	0.0	0.0	0.0	0,0,0
13948	0.22	0.54	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13949	0.11	0.25	0.12	319,320,334	0.0	0.0	0.0	0,0,0
13950	0.35	0.67	0.42	320,320,334	0.25	0.25	0.24	320,332,334
13951	0.33	0.68	0.39	320,320,334	0.27	0.25	0.24	320,332,334
13952	0.32	0.71	0.38	320,320,334	0.29	0.27	0.26	320,332,334
13953	0.25	0.57	0.29	320,320,334	0.0	0.0	0.0	0,0,0
13954	0.25	0.60	0.30	320,320,334	0.0	0.0	0.0	0,0,0
13955	0.25	0.60	0.30	320,320,334	0.0	0.0	0.0	0,0,0
13956	0.16	0.39	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13957	0.17	0.40	0.20	320,320,334	0.0	0.0	0.0	0,0,0
13958	0.17	0.40	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13959	0.14	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
13960	0.22	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
13961	0.40	0.80	0.47	319,320,334	0.30	0.32	0.31	320,332,334
13962	0.10	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
13963	0.12	0.28	0.14	319,319,334	0.0	0.0	0.0	0,0,0
13964	0.15	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13965	0.15	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
13966	0.17	0.41	0.19	320,320,334	0.0	0.0	0.0	0,0,0
13967	0.14	0.35	0.16	320,320,334	0.0	0.0	0.0	0,0,0
13968	0.12	0.27	0.13	320,320,334	0.0	0.0	0.0	0,0,0
13969	0.34	0.74	0.39	320,320,334	0.30	0.26	0.25	320,332,334
13970	0.24	0.59	0.26	320,320,334	0.0	0.0	0.0	0,0,0
13971	0.14	0.32	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13972	0.14	0.32	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13973	0.12	0.30	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13974	0.10	0.24	0.12	319,320,334	0.0	0.0	0.0	0,0,0
13975	0.07	0.17	0.08	320,320,334	0.0	0.0	0.0	0,0,0
13976	0.09	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
13977	0.11	0.24	0.12	320,320,334	0.0	0.0	0.0	0,0,0
13978	0.06	0.17	0.07	319,319,333	0.0	0.0	0.0	0,0,0
13979	0.07	0.16	0.08	320,320,334	0.0	0.0	0.0	0,0,0
13980	0.10	0.24	0.12	320,320,334	0.0	0.0	0.0	0,0,0
13981	0.05	0.11	0.06	320,320,334	0.0	0.0	0.0	0,0,0
13982	0.05	0.12	0.06	320,319,334	0.0	0.0	0.0	0,0,0
13983	0.36	0.71	0.43	316,316,333	0.27	0.28	0.27	316,326,333
13984	0.34	0.61	0.42	316,316,333	0.22	0.22	0.22	316,326,333
13985	0.11	0.29	0.14	316,316,333	0.0	0.0	0.0	0,0,0
13986	0.12	0.31	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13987	0.27	0.44	0.32	320,320,334	0.16	0.14	0.14	316,332,334
13988	0.38	0.64	0.46	320,320,334	0.22	0.23	0.22	320,332,334
13989	0.18	0.46	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13990	0.18	0.44	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13991	0.10	0.27	0.12	316,316,333	0.0	0.0	0.0	0,0,0
13992	0.12	0.31	0.14	320,320,334	0.0	0.0	0.0	0,0,0
13993	0.20	0.48	0.24	320,320,334	0.0	0.0	0.0	0,0,0
13994	0.23	0.51	0.28	320,320,334	0.0	0.0	0.0	0,0,0
13995	0.13	0.32	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13996	0.12	0.31	0.15	320,320,334	0.0	0.0	0.0	0,0,0
13997	0.10	0.23	0.10	320,320,334	0.0	0.0	0.0	0,0,0
13998	0.11	0.27	0.12	320,320,334	0.0	0.0	0.0	0,0,0
13999	0.14	0.35	0.16	320,320,334	0.0	0.0	0.0	0,0,0
14000	0.15	0.35	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14001	0.20	0.48	0.24	316,316,333	0.0	0.0	0.0	0,0,0
14002	0.16	0.40	0.19	316,316,334	0.0	0.0	0.0	0,0,0
14003	0.12	0.29	0.14	320,320,334	0.0	0.0	0.0	0,0,0
14004	0.05	0.13	0.06	320,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14005	0.05	0.14	0.06	320,319,334	0.0	0.0	0.0	0,0,0
14006	0.06	0.15	0.07	320,319,334	0.0	0.0	0.0	0,0,0
14007	0.06	0.15	0.07	319,319,333	0.0	0.0	0.0	0,0,0
14008	0.06	0.17	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14009	0.07	0.18	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14010	0.07	0.18	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14011	0.07	0.18	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14012	0.07	0.15	0.07	320,319,334	0.0	0.0	0.0	0,0,0
14013	0.07	0.18	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14014	0.16	0.37	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14015	0.16	0.39	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14016	0.10	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14017	0.10	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14018	0.10	0.24	0.12	320,320,334	0.0	0.0	0.0	0,0,0
14019	0.13	0.32	0.15	320,320,334	0.0	0.0	0.0	0,0,0
14020	0.10	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14021	0.09	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14022	0.09	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14023	0.09	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14024	0.09	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14025	0.04	0.08	0.04	321,320,334	0.0	0.0	0.0	0,0,0
14026	0.05	0.12	0.04	322,322,333	0.0	0.0	0.0	0,0,0
14027	0.04	0.10	0.05	319,320,334	0.0	0.0	0.0	0,0,0
14028	0.06	0.13	0.07	320,320,333	0.0	0.0	0.0	0,0,0
14029	0.06	0.12	0.07	319,320,334	0.0	0.0	0.0	0,0,0
14030	0.07	0.15	0.08	319,320,333	0.0	0.0	0.0	0,0,0
14031	0.07	0.13	0.08	319,319,334	0.0	0.0	0.0	0,0,0
14032	0.08	0.16	0.09	319,320,333	0.0	0.0	0.0	0,0,0
14033	0.15	0.37	0.16	322,322,333	0.0	0.0	0.0	0,0,0
14034	0.10	0.24	0.11	322,322,333	0.0	0.0	0.0	0,0,0
14035	0.08	0.17	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14036	0.08	0.18	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14037	0.07	0.14	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14038	0.08	0.16	0.09	319,320,333	0.0	0.0	0.0	0,0,0
14039	0.07	0.14	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14040	0.08	0.16	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14041	0.07	0.14	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14042	0.07	0.15	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14043	0.06	0.12	0.07	319,319,333	0.0	0.0	0.0	0,0,0
14044	0.06	0.13	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14045	0.05	0.13	0.06	319,315,333	0.0	0.0	0.0	0,0,0
14046	0.05	0.11	0.06	319,307,333	0.0	0.0	0.0	0,0,0
14047	0.07	0.17	0.08	319,319,334	0.0	0.0	0.0	0,0,0
14048	0.06	0.13	0.07	319,319,334	0.0	0.0	0.0	0,0,0
14049	0.09	0.23	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14050	0.08	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
14051	0.13	0.32	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14052	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
14053	0.20	0.50	0.24	319,319,334	0.0	0.0	0.0	0,0,0
14054	0.17	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14055	0.38	0.80	0.45	319,320,334	0.34	0.31	0.30	320,332,334
14056	0.21	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14057	0.13	0.29	0.16	319,320,333	0.0	0.0	0.0	0,0,0
14058	0.13	0.28	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14059	0.30	0.68	0.36	319,319,333	0.31	0.28	0.0	319,332,0
14060	0.10	0.22	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14061	0.09	0.21	0.10	320,320,333	0.0	0.0	0.0	0,0,0
14062	0.12	0.26	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14063	0.29	0.61	0.34	319,319,333	0.27	0.0	0.0	319,0,0
14064	0.32	0.68	0.37	320,320,333	0.28	0.25	0.24	320,326,333
14065	0.11	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14066	0.11	0.26	0.13	319,320,334	0.0	0.0	0.0	0,0,0
14067	0.10	0.21	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14068	0.11	0.28	0.14	319,319,334	0.0	0.0	0.0	0,0,0
14069	0.13	0.33	0.16	319,320,334	0.0	0.0	0.0	0,0,0
14070	0.15	0.36	0.18	319,320,334	0.0	0.0	0.0	0,0,0
14071	0.15	0.36	0.18	319,320,334	0.0	0.0	0.0	0,0,0
14072	0.10	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14073	0.13	0.33	0.16	319,319,334	0.0	0.0	0.0	0,0,0
14074	0.20	0.46	0.23	319,319,333	0.0	0.0	0.0	0,0,0
14075	0.12	0.28	0.15	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14076	0.23	0.54	0.27	319,319,334	0.0	0.0	0.0	0,0,0
14077	0.13	0.34	0.16	322,322,333	0.0	0.0	0.0	0,0,0
14078	0.10	0.23	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14079	0.09	0.21	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14080	0.08	0.17	0.09	319,320,333	0.0	0.0	0.0	0,0,0
14081	0.06	0.14	0.07	316,320,333	0.0	0.0	0.0	0,0,0
14082	0.11	0.30	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14083	0.12	0.26	0.14	319,320,333	0.0	0.0	0.0	0,0,0
14084	0.10	0.22	0.12	319,320,333	0.0	0.0	0.0	0,0,0
14085	0.09	0.20	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14086	0.08	0.18	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14087	0.13	0.28	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14088	0.13	0.28	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14089	0.11	0.25	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14090	0.09	0.21	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14091	0.09	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
14092	0.13	0.34	0.15	322,322,333	0.0	0.0	0.0	0,0,0
14093	0.18	0.39	0.21	319,319,333	0.0	0.0	0.0	0,0,0
14094	0.12	0.27	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14095	0.10	0.22	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14096	0.09	0.21	0.10	320,320,333	0.0	0.0	0.0	0,0,0
14097	0.12	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14098	0.17	0.41	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14099	0.24	0.58	0.29	319,319,334	0.0	0.0	0.0	0,0,0
14100	0.28	0.67	0.33	319,319,334	0.30	0.0	0.0	319,0,0
14101	0.36	0.80	0.42	319,319,334	0.34	0.32	0.31	319,332,334
14102	0.15	0.35	0.17	319,319,334	0.0	0.0	0.0	0,0,0
14103	0.20	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
14104	0.30	0.71	0.35	319,319,334	0.32	0.29	0.0	319,332,0
14106	0.20	0.44	0.23	320,320,333	0.0	0.0	0.0	0,0,0
14107	0.16	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
14108	0.22	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
14109	0.33	0.73	0.39	319,319,334	0.32	0.29	0.28	319,332,334
14112	0.09	0.22	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14113	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14114	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14115	0.06	0.14	0.07	321,315,334	0.0	0.0	0.0	0,0,0
14116	0.08	0.18	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14117	0.10	0.22	0.12	319,319,334	0.0	0.0	0.0	0,0,0
14118	0.12	0.26	0.14	319,320,333	0.0	0.0	0.0	0,0,0
14119	0.10	0.22	0.12	319,320,333	0.0	0.0	0.0	0,0,0
14120	0.09	0.18	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14121	0.07	0.19	0.09	315,315,334	0.0	0.0	0.0	0,0,0
14122	0.05	0.12	0.06	319,307,333	0.0	0.0	0.0	0,0,0
14123	0.06	0.15	0.08	319,319,334	0.0	0.0	0.0	0,0,0
14124	0.09	0.20	0.10	319,319,334	0.0	0.0	0.0	0,0,0
14125	0.22	0.51	0.25	320,320,333	0.0	0.0	0.0	0,0,0
14126	0.26	0.61	0.32	319,319,333	0.0	0.0	0.0	0,0,0
14127	0.13	0.28	0.15	319,320,333	0.0	0.0	0.0	0,0,0
14128	0.13	0.28	0.15	319,320,333	0.0	0.0	0.0	0,0,0
14129	0.19	0.47	0.21	322,322,333	0.0	0.0	0.0	0,0,0
14130	0.14	0.36	0.16	322,322,333	0.0	0.0	0.0	0,0,0
14131	0.09	0.20	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14132	0.09	0.20	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14133	0.09	0.20	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14134	0.09	0.20	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14135	0.08	0.17	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14136	0.07	0.14	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14137	0.09	0.18	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14138	0.08	0.18	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14139	0.08	0.16	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14140	0.07	0.14	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14141	0.09	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14142	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14143	0.10	0.23	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14144	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14145	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14146	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14147	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14148	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14149	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14150	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14151	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14152	0.12	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14153	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14154	0.12	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
14155	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
14156	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14157	0.12	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14158	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14159	0.12	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
14160	0.14	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
14161	0.12	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14162	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14163	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14164	0.12	0.27	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14165	0.13	0.30	0.15	320,320,334	0.0	0.0	0.0	0,0,0
14166	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14167	0.10	0.23	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14168	0.09	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14169	0.11	0.25	0.12	320,320,334	0.0	0.0	0.0	0,0,0
14170	0.12	0.29	0.14	320,320,334	0.0	0.0	0.0	0,0,0
14171	0.08	0.19	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14172	0.08	0.19	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14173	0.09	0.21	0.10	319,319,334	0.0	0.0	0.0	0,0,0
14174	0.11	0.25	0.12	319,319,334	0.0	0.0	0.0	0,0,0
14175	0.12	0.29	0.14	320,319,334	0.0	0.0	0.0	0,0,0
14176	0.07	0.16	0.08	320,319,333	0.0	0.0	0.0	0,0,0
14177	0.09	0.22	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14178	0.12	0.28	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14179	0.13	0.32	0.16	319,319,334	0.0	0.0	0.0	0,0,0
14180	0.15	0.35	0.17	320,319,334	0.0	0.0	0.0	0,0,0
14181	0.07	0.16	0.08	320,320,333	0.0	0.0	0.0	0,0,0
14182	0.07	0.16	0.08	320,320,333	0.0	0.0	0.0	0,0,0
14183	0.07	0.17	0.08	320,320,333	0.0	0.0	0.0	0,0,0
14184	0.09	0.20	0.10	319,319,334	0.0	0.0	0.0	0,0,0
14185	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14186	0.05	0.11	0.05	320,320,333	0.0	0.0	0.0	0,0,0
14187	0.05	0.12	0.07	319,320,334	0.0	0.0	0.0	0,0,0
14188	0.08	0.20	0.10	319,319,334	0.0	0.0	0.0	0,0,0
14189	0.11	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
14190	0.14	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0
14191	0.04	0.10	0.05	319,320,334	0.0	0.0	0.0	0,0,0
14192	0.07	0.16	0.08	319,320,334	0.0	0.0	0.0	0,0,0
14193	0.10	0.25	0.13	319,320,334	0.0	0.0	0.0	0,0,0
14194	0.14	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0
14195	0.18	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
14196	0.13	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
14197	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14198	0.22	0.50	0.26	319,319,334	0.0	0.0	0.0	0,0,0
14199	0.31	0.72	0.37	319,319,334	0.33	0.29	0.29	319,332,334
14201	0.09	0.20	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14202	0.11	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
14203	0.15	0.35	0.18	319,319,334	0.0	0.0	0.0	0,0,0
14204	0.21	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14205	0.25	0.60	0.30	319,319,334	0.0	0.0	0.0	0,0,0
14206	0.17	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14207	0.22	0.50	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14208	0.34	0.78	0.39	319,319,334	0.35	0.31	0.31	319,332,334
14211	0.16	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
14212	0.20	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
14213	0.28	0.65	0.33	319,319,334	0.29	0.0	0.0	319,0,0
14216	0.17	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14217	0.22	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
14218	0.34	0.78	0.40	319,319,334	0.35	0.31	0.31	319,332,334
14221	0.07	0.17	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14222	0.10	0.24	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14223	0.12	0.30	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14224	0.14	0.33	0.16	320,319,333	0.0	0.0	0.0	0,0,0
14225	0.16	0.37	0.18	320,319,334	0.0	0.0	0.0	0,0,0
14227	0.11	0.27	0.12	319,319,333	0.0	0.0	0.0	0,0,0
14228	0.11	0.28	0.12	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14229	0.12	0.31	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14230	0.08	0.21	0.09	319,320,333	0.0	0.0	0.0	0,0,0
14231	0.08	0.19	0.10	320,320,333	0.0	0.0	0.0	0,0,0
14232	0.09	0.20	0.10	320,320,333	0.0	0.0	0.0	0,0,0
14233	0.08	0.21	0.09	320,320,334	0.0	0.0	0.0	0,0,0
14234	0.11	0.28	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14235	0.13	0.30	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14236	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14237	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14238	0.10	0.26	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14239	0.70	0.81	0.80	319,319,334	0.32	0.30	0.29	319,332,334
14240	0.39	0.80	0.44	319,319,334	0.33	0.30	0.29	319,332,334
14241	0.77	0.81	0.89	319,319,334	0.32	0.31	0.30	319,332,334
14242	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14243	0.12	0.30	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14244	0.15	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
14245	0.12	0.26	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14246	0.09	0.20	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14247	0.18	0.42	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14248	0.11	0.26	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14249	0.19	0.42	0.22	319,319,334	0.0	0.0	0.0	0,0,0
14250	0.21	0.48	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14251	0.20	0.46	0.23	319,319,334	0.0	0.0	0.0	0,0,0
14252	0.22	0.50	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14253	0.22	0.50	0.26	319,319,334	0.0	0.0	0.0	0,0,0
14254	0.22	0.50	0.26	319,319,334	0.0	0.0	0.0	0,0,0
14255	0.22	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
14256	0.71	0.76	0.81	319,319,334	0.31	0.28	0.27	319,332,334
14257	0.33	0.76	0.38	319,319,334	0.34	0.30	0.29	319,332,334
14258	0.20	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
14259	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14260	0.15	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14261	0.18	0.41	0.21	319,319,333	0.0	0.0	0.0	0,0,0
14262	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
14263	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14264	0.07	0.18	0.07	319,320,333	0.0	0.0	0.0	0,0,0
14265	0.09	0.23	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14266	0.10	0.24	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14267	0.09	0.23	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14268	0.23	0.78	0.27	321,321,334	0.62	0.58	0.55	321,325,333
14269	0.28	0.40	0.31	321,321,334	0.14	0.0	0.0	321,0,0
14271	0.08	0.21	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14272	0.10	0.25	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14273	0.11	0.27	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14274	0.11	0.27	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14276	0.04	0.04	0.03	313,313,334	0.0	0.0	0.0	0,0,0
14277	0.03	0.07	0.03	320,322,334	0.0	0.0	0.0	0,0,0
14278	0.03	0.09	0.04	319,320,334	0.0	0.0	0.0	0,0,0
14279	0.09	0.23	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14280	0.10	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14281	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14282	0.12	0.28	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14283	0.12	0.28	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14284	3.28e-03	0.14	4.00e-03	319,315,333	0.0	0.0	0.0	0,0,0
14285	2.77e-03	0.18	3.38e-03	319,315,333	0.0	0.0	0.0	0,0,0
14286	5.33e-03	0.25	6.38e-03	321,321,333	0.0	0.0	0.0	0,0,0
14287	0.09	0.23	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14288	0.10	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14289	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14290	0.12	0.28	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14291	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14292	0.01	0.48	0.01	321,321,334	0.0	0.0	0.0	0,0,0
14293	2.80e-03	0.12	3.41e-03	319,315,333	0.0	0.0	0.0	0,0,0
14294	0.20	0.46	0.24	319,319,333	0.0	0.0	0.0	0,0,0
14295	0.09	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14296	0.10	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14297	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14298	0.12	0.28	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14299	0.05	0.12	0.06	320,320,333	0.0	0.0	0.0	0,0,0
14300	0.09	0.20	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14301	0.03	0.10	0.03	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14302	0.04	0.12	0.04	320,320,333	0.0	0.0	0.0	0,0,0
14303	0.11	0.26	0.13	319,320,334	0.0	0.0	0.0	0,0,0
14304	0.11	0.25	0.13	319,320,334	0.0	0.0	0.0	0,0,0
14305	0.10	0.25	0.12	320,320,334	0.0	0.0	0.0	0,0,0
14306	0.11	0.27	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14307	0.12	0.28	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14308	0.12	0.28	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14309	0.16	0.37	0.19	319,320,334	0.0	0.0	0.0	0,0,0
14310	0.15	0.35	0.17	319,320,334	0.0	0.0	0.0	0,0,0
14311	0.13	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14312	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14313	0.10	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14314	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14315	0.21	0.51	0.23	322,322,333	0.0	0.0	0.0	0,0,0
14316	0.22	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0
14317	0.20	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
14318	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14319	0.13	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
14320	0.09	0.21	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14321	0.09	0.21	0.10	320,320,333	0.0	0.0	0.0	0,0,0
14322	0.22	0.48	0.25	320,320,333	0.0	0.0	0.0	0,0,0
14323	0.09	0.20	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14324	0.32	0.76	0.38	319,319,334	0.34	0.31	0.31	319,332,334
14325	0.30	0.70	0.36	319,319,334	0.32	0.29	0.0	319,332,0
14326	0.23	0.53	0.27	319,319,334	0.0	0.0	0.0	0,0,0
14327	0.16	0.36	0.19	319,319,334	0.0	0.0	0.0	0,0,0
14328	0.10	0.24	0.12	319,319,334	0.0	0.0	0.0	0,0,0
14329	0.07	0.16	0.07	320,320,333	0.0	0.0	0.0	0,0,0
14330	0.12	0.26	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14332	0.36	0.77	0.43	319,319,334	0.33	0.30	0.29	319,332,334
14333	0.28	0.66	0.34	319,319,334	0.30	0.0	0.0	319,0,0
14334	0.18	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
14335	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
14336	0.08	0.18	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14337	0.80	0.80	0.96	319,319,333	0.30	0.30	0.29	319,332,334
14338	0.08	0.22	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14339	0.22	0.48	0.25	320,320,334	0.0	0.0	0.0	0,0,0
14341	0.33	0.75	0.39	319,319,334	0.33	0.30	0.29	319,332,334
14342	0.21	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14343	0.14	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
14344	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14345	0.08	0.21	0.09	319,320,333	0.0	0.0	0.0	0,0,0
14346	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14349	0.35	0.75	0.42	319,319,334	0.32	0.30	0.29	319,332,334
14350	0.25	0.59	0.30	319,319,334	0.0	0.0	0.0	0,0,0
14351	0.15	0.34	0.18	319,319,334	0.0	0.0	0.0	0,0,0
14352	0.09	0.21	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14353	0.06	0.13	0.07	319,319,334	0.0	0.0	0.0	0,0,0
14354	0.07	0.19	0.08	319,320,333	0.0	0.0	0.0	0,0,0
14356	0.28	0.68	0.34	319,319,334	0.31	0.0	0.0	319,0,0
14357	0.36	0.78	0.42	319,319,334	0.33	0.31	0.30	319,332,334
14358	0.27	0.62	0.32	319,319,334	0.0	0.0	0.0	0,0,0
14359	0.16	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14360	0.10	0.24	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14361	0.08	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14362	0.06	0.19	0.07	319,320,333	0.0	0.0	0.0	0,0,0
14364	0.23	0.51	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14365	0.35	0.80	0.42	319,319,334	0.36	0.33	0.32	319,332,334
14366	0.26	0.62	0.32	319,319,334	0.0	0.0	0.0	0,0,0
14367	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14368	0.11	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
14369	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14372	0.23	0.52	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14374	0.25	0.60	0.30	319,319,334	0.0	0.0	0.0	0,0,0
14375	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14376	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14377	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14379	0.29	0.68	0.34	319,319,334	0.31	0.0	0.0	319,0,0
14380	0.29	0.69	0.34	319,319,334	0.31	0.0	0.0	319,0,0
14381	0.23	0.51	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14382	0.22	0.51	0.26	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14383	0.15	0.36	0.19	319,319,334	0.0	0.0	0.0	0,0,0
14384	0.15	0.34	0.18	320,320,333	0.0	0.0	0.0	0,0,0
14385	0.21	0.46	0.24	320,320,333	0.0	0.0	0.0	0,0,0
14386	0.06	0.20	0.06	319,320,333	0.0	0.0	0.0	0,0,0
14387	0.18	0.42	0.21	319,319,334	0.0	0.0	0.0	0,0,0
14388	0.20	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
14389	0.33	0.79	0.40	319,319,334	0.36	0.32	0.32	319,332,334
14390	0.23	0.51	0.26	320,320,333	0.0	0.0	0.0	0,0,0
14391	0.19	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
14392	0.17	0.37	0.19	320,320,333	0.0	0.0	0.0	0,0,0
14393	0.17	0.38	0.19	320,320,333	0.0	0.0	0.0	0,0,0
14394	0.15	0.35	0.18	320,320,333	0.0	0.0	0.0	0,0,0
14395	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
14396	0.16	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14397	0.19	0.43	0.22	320,320,333	0.0	0.0	0.0	0,0,0
14398	0.21	0.47	0.24	320,320,333	0.0	0.0	0.0	0,0,0
14399	0.22	0.50	0.26	320,320,333	0.0	0.0	0.0	0,0,0
14400	0.20	0.46	0.24	320,320,333	0.0	0.0	0.0	0,0,0
14401	0.18	0.40	0.21	320,320,333	0.0	0.0	0.0	0,0,0
14402	0.18	0.40	0.21	320,320,333	0.0	0.0	0.0	0,0,0
14403	0.13	0.30	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14404	0.15	0.34	0.17	320,320,333	0.0	0.0	0.0	0,0,0
14405	0.20	0.44	0.23	320,320,333	0.0	0.0	0.0	0,0,0
14406	0.18	0.42	0.21	319,319,334	0.0	0.0	0.0	0,0,0
14407	0.22	0.50	0.26	320,320,333	0.0	0.0	0.0	0,0,0
14408	0.23	0.53	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14409	0.21	0.48	0.25	320,320,333	0.0	0.0	0.0	0,0,0
14410	0.19	0.42	0.22	320,320,333	0.0	0.0	0.0	0,0,0
14411	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14412	0.15	0.34	0.18	320,320,333	0.0	0.0	0.0	0,0,0
14413	0.21	0.48	0.25	320,320,333	0.0	0.0	0.0	0,0,0
14414	0.20	0.45	0.23	320,320,333	0.0	0.0	0.0	0,0,0
14415	0.35	0.79	0.42	319,319,334	0.35	0.32	0.32	319,332,334
14416	0.23	0.52	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14417	0.24	0.54	0.28	320,320,333	0.0	0.0	0.0	0,0,0
14418	0.21	0.48	0.25	320,320,333	0.0	0.0	0.0	0,0,0
14419	0.15	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14420	0.17	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
14421	0.20	0.45	0.23	320,320,333	0.0	0.0	0.0	0,0,0
14422	0.23	0.51	0.26	320,320,334	0.0	0.0	0.0	0,0,0
14423	0.23	0.52	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14424	0.23	0.52	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14425	0.23	0.52	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14426	0.23	0.52	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14427	0.15	0.35	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14428	0.17	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
14429	0.19	0.43	0.22	320,320,334	0.0	0.0	0.0	0,0,0
14430	0.22	0.51	0.26	320,320,334	0.0	0.0	0.0	0,0,0
14431	0.23	0.52	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14432	0.23	0.51	0.27	320,320,333	0.0	0.0	0.0	0,0,0
14433	0.23	0.51	0.26	320,320,333	0.0	0.0	0.0	0,0,0
14434	0.09	0.26	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14435	0.15	0.35	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14436	0.17	0.38	0.19	320,320,334	0.0	0.0	0.0	0,0,0
14437	0.17	0.40	0.20	320,320,334	0.0	0.0	0.0	0,0,0
14438	0.21	0.47	0.24	320,320,334	0.0	0.0	0.0	0,0,0
14439	0.23	0.52	0.27	320,320,334	0.0	0.0	0.0	0,0,0
14441	0.23	0.51	0.26	320,320,333	0.0	0.0	0.0	0,0,0
14442	0.20	0.44	0.23	320,320,333	0.0	0.0	0.0	0,0,0
14443	0.15	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14444	0.16	0.36	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14445	0.17	0.38	0.20	320,320,334	0.0	0.0	0.0	0,0,0
14446	0.17	0.39	0.20	320,320,334	0.0	0.0	0.0	0,0,0
14447	0.19	0.43	0.22	320,320,334	0.0	0.0	0.0	0,0,0
14448	0.21	0.47	0.24	320,320,334	0.0	0.0	0.0	0,0,0
14450	0.17	0.36	0.19	320,320,334	0.0	0.0	0.0	0,0,0
14451	0.14	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
14452	0.15	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14453	0.16	0.35	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14454	0.16	0.35	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14455	0.15	0.34	0.18	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14456	0.17	0.37	0.20	320,320,334	0.0	0.0	0.0	0,0,0
14457	0.22	0.48	0.25	320,320,334	0.0	0.0	0.0	0,0,0
14458	0.18	0.43	0.21	319,319,334	0.0	0.0	0.0	0,0,0
14459	0.13	0.31	0.16	320,320,334	0.0	0.0	0.0	0,0,0
14460	0.14	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
14461	0.14	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
14462	0.14	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
14463	0.13	0.29	0.15	320,320,334	0.0	0.0	0.0	0,0,0
14464	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14465	0.26	0.61	0.31	319,319,334	0.0	0.0	0.0	0,0,0
14466	0.19	0.44	0.23	319,319,333	0.0	0.0	0.0	0,0,0
14467	0.16	0.37	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14468	0.16	0.37	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14469	0.16	0.37	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14470	0.15	0.34	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14471	0.13	0.29	0.15	320,320,334	0.0	0.0	0.0	0,0,0
14472	0.18	0.42	0.21	319,319,334	0.0	0.0	0.0	0,0,0
14473	0.28	0.65	0.34	319,319,334	0.29	0.0	0.0	319,0,0
14474	0.20	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
14475	0.17	0.39	0.19	320,320,334	0.0	0.0	0.0	0,0,0
14476	0.17	0.39	0.19	320,320,334	0.0	0.0	0.0	0,0,0
14477	0.17	0.39	0.19	320,320,334	0.0	0.0	0.0	0,0,0
14478	0.16	0.37	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14479	0.13	0.30	0.15	320,320,334	0.0	0.0	0.0	0,0,0
14480	0.11	0.27	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14481	0.21	0.47	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14482	0.48	0.75	0.59	319,319,333	0.28	0.29	0.28	319,332,333
14483	0.12	0.28	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14484	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14485	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14486	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14487	0.13	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14488	0.07	0.16	0.08	320,320,333	0.0	0.0	0.0	0,0,0
14489	0.06	0.14	0.08	320,320,333	0.0	0.0	0.0	0,0,0
14490	0.07	0.15	0.08	319,319,334	0.0	0.0	0.0	0,0,0
14491	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14492	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14493	0.08	0.18	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14494	0.01	0.15	0.02	319,322,333	0.0	0.0	0.0	0,0,0
14495	0.02	0.16	0.02	319,322,333	0.0	0.0	0.0	0,0,0
14496	0.13	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14497	0.12	0.34	0.15	320,316,333	0.0	0.0	0.0	0,0,0
14498	0.12	0.34	0.14	320,322,333	0.0	0.0	0.0	0,0,0
14499	0.08	0.18	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14500	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14501	0.10	0.24	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14502	0.09	0.19	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14503	0.09	0.20	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14504	0.07	0.22	0.09	320,322,334	0.0	0.0	0.0	0,0,0
14505	0.12	0.30	0.14	319,320,333	0.0	0.0	0.0	0,0,0
14506	0.25	0.59	0.28	319,319,334	0.0	0.0	0.0	0,0,0
14507	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14508	0.15	0.36	0.17	319,319,334	0.0	0.0	0.0	0,0,0
14509	0.40	0.81	0.45	319,319,334	0.35	0.30	0.30	319,332,334
14510	0.64	0.80	0.72	319,319,334	0.31	0.30	0.29	319,332,334
14512	0.36	0.80	0.40	319,319,334	0.35	0.30	0.29	319,332,334
14513	0.69	0.81	0.80	319,319,334	0.30	0.30	0.29	319,332,334
14514	0.15	0.33	0.17	319,319,334	0.0	0.0	0.0	0,0,0
14515	0.12	0.26	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14516	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14517	0.10	0.23	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14518	0.19	0.43	0.21	319,319,334	0.0	0.0	0.0	0,0,0
14519	0.18	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
14520	0.21	0.47	0.24	319,319,334	0.0	0.0	0.0	0,0,0
14521	0.20	0.45	0.23	319,319,334	0.0	0.0	0.0	0,0,0
14522	0.21	0.48	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14523	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14524	0.22	0.50	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14525	0.22	0.50	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14526	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
14527	0.40	0.73	0.47	319,319,333	0.32	0.29	0.28	319,332,333

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14528	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14529	0.21	0.47	0.24	319,319,333	0.0	0.0	0.0	0,0,0
14530	0.19	0.43	0.22	319,319,333	0.0	0.0	0.0	0,0,0
14531	0.02	0.14	0.03	320,322,334	0.0	0.0	0.0	0,0,0
14532	0.04	0.11	0.04	319,320,333	0.0	0.0	0.0	0,0,0
14533	0.01	0.14	0.02	319,316,333	0.0	0.0	0.0	0,0,0
14534	0.19	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
14535	0.17	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
14536	0.15	0.33	0.18	320,319,333	0.0	0.0	0.0	0,0,0
14537	0.19	0.43	0.21	319,319,334	0.0	0.0	0.0	0,0,0
14538	0.02	0.10	0.03	316,306,334	0.0	0.0	0.0	0,0,0
14539	0.06	0.16	0.07	322,322,333	0.0	0.0	0.0	0,0,0
14540	0.06	0.16	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14541	0.06	0.16	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14542	0.05	0.15	0.06	320,322,333	0.0	0.0	0.0	0,0,0
14543	0.16	0.37	0.19	320,319,334	0.0	0.0	0.0	0,0,0
14544	0.14	0.32	0.17	320,319,334	0.0	0.0	0.0	0,0,0
14545	0.02	0.14	0.02	319,322,333	0.0	0.0	0.0	0,0,0
14546	0.23	0.57	0.28	320,320,333	0.0	0.0	0.0	0,0,0
14547	0.21	0.56	0.26	320,320,333	0.0	0.0	0.0	0,0,0
14548	0.07	0.22	0.09	320,322,334	0.0	0.0	0.0	0,0,0
14549	0.21	0.48	0.24	319,319,334	0.0	0.0	0.0	0,0,0
14550	0.24	0.55	0.27	319,319,334	0.0	0.0	0.0	0,0,0
14551	0.06	0.14	0.08	319,319,334	0.0	0.0	0.0	0,0,0
14552	0.15	0.34	0.18	320,320,333	0.0	0.0	0.0	0,0,0
14553	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14554	0.13	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14555	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14556	0.02	0.12	0.03	320,322,334	0.0	0.0	0.0	0,0,0
14557	0.19	0.41	0.21	320,320,333	0.0	0.0	0.0	0,0,0
14558	0.15	0.32	0.17	320,320,333	0.0	0.0	0.0	0,0,0
14559	0.18	0.41	0.22	319,319,333	0.0	0.0	0.0	0,0,0
14560	0.81	0.72	0.96	319,319,334	0.28	0.26	0.26	319,332,333
14561	0.37	0.80	0.43	319,319,334	0.36	0.33	0.32	319,332,334
14562	0.01	0.12	0.02	320,316,334	0.0	0.0	0.0	0,0,0
14563	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14564	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14565	0.13	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
14566	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14567	0.13	0.30	0.16	319,319,334	0.0	0.0	0.0	0,0,0
14568	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14569	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14570	0.11	0.26	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14571	0.12	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
14572	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14573	0.40	0.80	0.47	320,320,334	0.31	0.32	0.31	320,332,334
14574	0.22	0.50	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14575	0.18	0.44	0.21	320,320,334	0.0	0.0	0.0	0,0,0
14576	0.16	0.37	0.18	319,319,334	0.0	0.0	0.0	0,0,0
14577	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14578	0.07	0.16	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14579	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14580	0.08	0.18	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14581	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14582	0.10	0.22	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14583	0.11	0.25	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14584	0.10	0.24	0.12	319,320,333	0.0	0.0	0.0	0,0,0
14585	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14586	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14587	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14588	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14589	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14590	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14591	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14592	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14593	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14594	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14595	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14596	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14597	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14598	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14599	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14600	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14601	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14602	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14603	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14604	0.11	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14605	0.11	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14606	0.11	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14607	0.10	0.23	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14608	0.10	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14609	0.10	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14610	0.09	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14611	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14612	0.11	0.27	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14613	0.10	0.22	0.11	319,319,334	0.0	0.0	0.0	0,0,0
14614	0.09	0.21	0.10	320,320,334	0.0	0.0	0.0	0,0,0
14615	0.08	0.19	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14616	0.08	0.18	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14617	0.08	0.18	0.09	319,320,333	0.0	0.0	0.0	0,0,0
14618	0.08	0.18	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14619	0.06	0.15	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14620	0.05	0.13	0.07	319,319,333	0.0	0.0	0.0	0,0,0
14621	0.05	0.12	0.06	319,320,333	0.0	0.0	0.0	0,0,0
14622	0.06	0.16	0.08	320,320,334	0.0	0.0	0.0	0,0,0
14623	0.04	0.10	0.05	315,315,333	0.0	0.0	0.0	0,0,0
14624	0.03	0.08	0.04	319,320,334	0.0	0.0	0.0	0,0,0
14625	0.06	0.15	0.07	320,320,334	0.0	0.0	0.0	0,0,0
14626	0.09	0.22	0.10	320,320,334	0.0	0.0	0.0	0,0,0
14627	0.11	0.25	0.12	320,320,334	0.0	0.0	0.0	0,0,0
14628	0.13	0.31	0.15	319,320,334	0.0	0.0	0.0	0,0,0
14629	0.23	0.53	0.26	320,320,334	0.0	0.0	0.0	0,0,0
14630	0.40	0.81	0.46	320,320,334	0.32	0.32	0.31	320,332,334
14631	0.08	0.19	0.09	320,320,334	0.0	0.0	0.0	0,0,0
14632	0.09	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
14633	0.12	0.27	0.14	320,320,334	0.0	0.0	0.0	0,0,0
14634	0.18	0.44	0.21	320,320,334	0.0	0.0	0.0	0,0,0
14635	0.10	0.22	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14636	0.12	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14637	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14638	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14639	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14640	0.10	0.24	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14641	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14642	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14643	0.10	0.23	0.11	320,320,333	0.0	0.0	0.0	0,0,0
14644	0.12	0.27	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14645	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14646	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14647	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14648	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14649	0.20	0.48	0.24	320,320,333	0.0	0.0	0.0	0,0,0
14650	0.22	0.50	0.25	320,320,333	0.0	0.0	0.0	0,0,0
14651	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
14652	0.12	0.28	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14653	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14654	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14655	0.13	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14656	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14657	0.25	0.60	0.30	320,320,333	0.0	0.0	0.0	0,0,0
14658	0.43	0.77	0.52	320,320,333	0.29	0.30	0.29	320,332,333
14659	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14660	0.11	0.25	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14661	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14662	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14663	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14664	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14665	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14666	0.13	0.31	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14667	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14668	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14669	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14670	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
14671	0.17	0.41	0.21	320,320,333	0.0	0.0	0.0	0,0,0
14672	0.27	0.64	0.32	320,320,333	0.29	0.0	0.0	320,0,0
14673	0.18	0.43	0.22	320,320,333	0.0	0.0	0.0	0,0,0
14674	0.49	0.79	0.59	319,319,333	0.30	0.31	0.30	319,332,333
14675	0.08	0.18	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14676	0.08	0.18	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14677	0.06	0.15	0.07	320,320,333	0.0	0.0	0.0	0,0,0
14678	0.07	0.16	0.08	320,320,333	0.0	0.0	0.0	0,0,0
14679	0.07	0.17	0.08	320,320,334	0.0	0.0	0.0	0,0,0
14680	0.06	0.15	0.07	320,320,334	0.0	0.0	0.0	0,0,0
14681	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14682	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14683	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14684	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14685	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14686	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14687	0.15	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14688	0.14	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14689	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14690	0.14	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14691	0.14	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14692	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14693	0.14	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14694	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14695	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14696	0.13	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14697	0.12	0.27	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14698	0.11	0.25	0.12	319,319,333	0.0	0.0	0.0	0,0,0
14699	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14700	0.11	0.25	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14701	0.10	0.24	0.12	319,319,333	0.0	0.0	0.0	0,0,0
14702	0.13	0.31	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14703	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14704	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14705	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14706	0.10	0.23	0.12	319,319,333	0.0	0.0	0.0	0,0,0
14707	0.09	0.21	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14708	0.43	0.80	0.50	320,320,334	0.30	0.30	0.29	320,332,334
14709	0.36	0.75	0.41	320,320,334	0.30	0.27	0.26	320,332,334
14710	0.17	0.38	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14711	0.15	0.35	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14712	0.13	0.32	0.15	320,320,334	0.0	0.0	0.0	0,0,0
14713	0.12	0.28	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14714	0.06	0.14	0.08	319,319,333	0.0	0.0	0.0	0,0,0
14715	0.05	0.13	0.07	315,320,333	0.0	0.0	0.0	0,0,0
14716	0.05	0.12	0.06	320,320,333	0.0	0.0	0.0	0,0,0
14717	0.09	0.21	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14718	0.08	0.19	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14719	0.07	0.17	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14720	0.03	0.05	0.03	319,319,334	0.0	0.0	0.0	0,0,0
14721	0.03	0.08	0.04	319,319,334	0.0	0.0	0.0	0,0,0
14722	0.05	0.11	0.06	319,319,334	0.0	0.0	0.0	0,0,0
14723	0.05	0.10	0.05	320,320,333	0.0	0.0	0.0	0,0,0
14724	0.05	0.11	0.06	320,320,333	0.0	0.0	0.0	0,0,0
14725	0.09	0.23	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14726	0.08	0.20	0.10	319,320,334	0.0	0.0	0.0	0,0,0
14727	0.04	0.10	0.05	320,320,333	0.0	0.0	0.0	0,0,0
14728	0.07	0.17	0.09	320,320,333	0.0	0.0	0.0	0,0,0
14729	0.09	0.21	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14730	0.18	0.39	0.20	320,320,334	0.0	0.0	0.0	0,0,0
14731	0.07	0.18	0.08	320,320,334	0.0	0.0	0.0	0,0,0
14732	0.07	0.19	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14733	0.06	0.15	0.07	319,319,333	0.0	0.0	0.0	0,0,0
14734	0.08	0.19	0.09	320,320,334	0.0	0.0	0.0	0,0,0
14735	0.10	0.23	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14736	0.08	0.19	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14737	0.06	0.14	0.07	315,315,333	0.0	0.0	0.0	0,0,0
14738	0.09	0.21	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14739	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14740	0.09	0.23	0.11	319,319,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14741	0.10	0.24	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14742	0.10	0.24	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14743	0.10	0.24	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14744	0.09	0.23	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14745	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14746	0.13	0.31	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14747	0.13	0.31	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14748	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14749	0.12	0.29	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14750	0.14	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14751	0.14	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14752	0.14	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14753	0.14	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14754	0.13	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14755	0.07	0.17	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14756	0.11	0.27	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14757	0.10	0.23	0.12	319,319,333	0.0	0.0	0.0	0,0,0
14758	0.09	0.20	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14759	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
14760	0.10	0.24	0.12	319,319,333	0.0	0.0	0.0	0,0,0
14761	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
14762	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14763	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14764	0.14	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14765	0.04	0.11	0.05	319,320,333	0.0	0.0	0.0	0,0,0
14766	0.03	0.13	0.03	316,302,334	0.0	0.0	0.0	0,0,0
14767	0.04	0.10	0.05	319,322,333	0.0	0.0	0.0	0,0,0
14768	0.04	0.16	0.05	316,316,333	0.0	0.0	0.0	0,0,0
14769	0.04	0.12	0.05	319,302,333	0.0	0.0	0.0	0,0,0
14770	0.06	0.19	0.07	316,316,333	0.0	0.0	0.0	0,0,0
14771	0.04	0.14	0.05	302,302,333	0.0	0.0	0.0	0,0,0
14772	0.07	0.22	0.08	316,316,333	0.0	0.0	0.0	0,0,0
14773	0.06	0.16	0.07	322,322,333	0.0	0.0	0.0	0,0,0
14774	0.06	0.17	0.07	322,322,333	0.0	0.0	0.0	0,0,0
14775	0.06	0.17	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14776	0.05	0.15	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14777	0.06	0.16	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14778	0.06	0.16	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14779	0.06	0.16	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14780	0.05	0.14	0.06	320,322,333	0.0	0.0	0.0	0,0,0
14781	0.05	0.13	0.06	320,322,333	0.0	0.0	0.0	0,0,0
14782	0.05	0.13	0.06	320,322,333	0.0	0.0	0.0	0,0,0
14783	0.05	0.13	0.06	320,322,333	0.0	0.0	0.0	0,0,0
14784	0.05	0.13	0.06	320,320,333	0.0	0.0	0.0	0,0,0
14785	0.05	0.11	0.05	320,320,333	0.0	0.0	0.0	0,0,0
14786	0.04	0.11	0.05	320,322,333	0.0	0.0	0.0	0,0,0
14787	0.04	0.11	0.05	320,322,333	0.0	0.0	0.0	0,0,0
14788	0.04	0.11	0.05	320,322,333	0.0	0.0	0.0	0,0,0
14789	0.26	0.60	0.30	319,319,334	0.0	0.0	0.0	0,0,0
14790	0.49	0.81	0.58	319,319,334	0.36	0.32	0.31	319,332,333
14791	0.01	0.11	0.02	319,322,333	0.0	0.0	0.0	0,0,0
14792	0.11	0.30	0.13	316,316,333	0.0	0.0	0.0	0,0,0
14793	0.13	0.32	0.15	316,316,333	0.0	0.0	0.0	0,0,0
14796	0.22	0.50	0.26	319,319,333	0.0	0.0	0.0	0,0,0
14797	0.16	0.78	0.18	321,321,334	0.41	0.37	0.35	306,325,333
14798	0.31	0.57	0.34	321,321,334	0.20	0.20	0.18	321,330,334
14801	0.04	0.07	0.04	313,313,334	0.0	0.0	0.0	0,0,0
14802	0.03	0.07	0.03	320,322,334	0.0	0.0	0.0	0,0,0
14803	0.03	0.09	0.04	319,322,334	0.0	0.0	0.0	0,0,0
14804	0.01	0.16	0.02	322,315,333	0.0	0.0	0.0	0,0,0
14805	0.01	0.19	0.02	319,315,333	0.0	0.0	0.0	0,0,0
14806	0.02	0.27	0.02	321,321,334	0.0	0.0	0.0	0,0,0
14807	0.04	0.51	0.04	321,321,333	0.0	0.0	0.0	0,0,0
14808	0.01	0.14	0.02	320,315,333	0.0	0.0	0.0	0,0,0
14810	0.03	0.11	0.04	321,320,334	0.0	0.0	0.0	0,0,0
14811	0.05	0.11	0.04	322,322,333	0.0	0.0	0.0	0,0,0
14812	0.21	0.52	0.24	322,322,333	0.0	0.0	0.0	0,0,0
14813	0.11	0.31	0.14	320,322,333	0.0	0.0	0.0	0,0,0
14814	0.10	0.23	0.12	319,320,333	0.0	0.0	0.0	0,0,0
14815	0.09	0.21	0.11	319,320,333	0.0	0.0	0.0	0,0,0
14816	0.07	0.19	0.09	319,320,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14817	0.05	0.19	0.07	319,320,333	0.0	0.0	0.0	0,0,0
14820	0.06	0.21	0.07	319,320,333	0.0	0.0	0.0	0,0,0
14821	0.09	0.26	0.09	319,320,333	0.0	0.0	0.0	0,0,0
14822	0.12	0.32	0.14	319,320,333	0.0	0.0	0.0	0,0,0
14824	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14825	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14826	0.12	0.28	0.14	320,319,334	0.0	0.0	0.0	0,0,0
14827	0.14	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
14829	0.04	0.11	0.04	319,320,333	0.0	0.0	0.0	0,0,0
14830	0.03	0.11	0.03	316,302,334	0.0	0.0	0.0	0,0,0
14831	0.06	0.16	0.07	322,322,333	0.0	0.0	0.0	0,0,0
14832	0.06	0.17	0.07	322,322,333	0.0	0.0	0.0	0,0,0
14833	0.06	0.17	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14834	0.05	0.15	0.07	320,322,333	0.0	0.0	0.0	0,0,0
14835	0.22	0.49	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14836	0.21	0.48	0.25	319,319,334	0.0	0.0	0.0	0,0,0
14837	0.05	0.16	0.07	316,316,333	0.0	0.0	0.0	0,0,0
14838	0.08	0.22	0.09	316,316,333	0.0	0.0	0.0	0,0,0
14839	0.07	0.19	0.09	316,316,333	0.0	0.0	0.0	0,0,0
14840	0.09	0.25	0.11	316,316,333	0.0	0.0	0.0	0,0,0
14841	0.09	0.23	0.11	316,316,334	0.0	0.0	0.0	0,0,0
14842	0.13	0.31	0.15	316,316,333	0.0	0.0	0.0	0,0,0
14843	0.11	0.26	0.13	316,316,334	0.0	0.0	0.0	0,0,0
14844	0.15	0.36	0.18	316,316,334	0.0	0.0	0.0	0,0,0
14845	0.03	0.11	0.04	319,306,333	0.0	0.0	0.0	0,0,0
14846	0.04	0.12	0.04	322,322,333	0.0	0.0	0.0	0,0,0
14847	0.04	0.12	0.04	322,322,333	0.0	0.0	0.0	0,0,0
14848	0.04	0.11	0.05	316,316,333	0.0	0.0	0.0	0,0,0
14849	0.03	0.13	0.04	322,322,333	0.0	0.0	0.0	0,0,0
14850	0.04	0.14	0.05	322,322,333	0.0	0.0	0.0	0,0,0
14851	0.04	0.14	0.05	322,322,333	0.0	0.0	0.0	0,0,0
14852	0.06	0.14	0.07	316,316,334	0.0	0.0	0.0	0,0,0
14853	0.40	0.68	0.49	319,319,333	0.24	0.25	0.25	319,332,333
14854	0.05	0.16	0.05	320,322,333	0.0	0.0	0.0	0,0,0
14855	0.05	0.16	0.06	320,322,334	0.0	0.0	0.0	0,0,0
14856	0.07	0.18	0.09	316,316,334	0.0	0.0	0.0	0,0,0
14857	0.26	0.58	0.28	321,321,333	0.18	0.15	0.0	321,325,0
14858	0.05	0.16	0.06	319,322,333	0.0	0.0	0.0	0,0,0
14859	0.06	0.16	0.07	320,322,334	0.0	0.0	0.0	0,0,0
14860	0.08	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
14864	0.13	0.29	0.15	320,319,333	0.0	0.0	0.0	0,0,0
14865	0.14	0.32	0.17	319,319,333	0.0	0.0	0.0	0,0,0
14866	0.17	0.38	0.20	319,319,333	0.0	0.0	0.0	0,0,0
14867	0.19	0.43	0.22	319,319,333	0.0	0.0	0.0	0,0,0
14868	0.22	0.49	0.26	319,319,333	0.0	0.0	0.0	0,0,0
14871	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14872	0.13	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14874	0.13	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14875	0.13	0.31	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14876	0.13	0.28	0.15	320,319,334	0.0	0.0	0.0	0,0,0
14877	0.12	0.28	0.14	320,319,334	0.0	0.0	0.0	0,0,0
14878	0.29	0.67	0.33	319,319,334	0.30	0.0	0.0	319,0,0
14879	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14880	0.14	0.33	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14881	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
14882	0.22	0.50	0.26	319,319,333	0.0	0.0	0.0	0,0,0
14883	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
14884	0.14	0.32	0.16	320,320,333	0.0	0.0	0.0	0,0,0
14885	0.12	0.29	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14886	0.10	0.23	0.12	319,319,333	0.0	0.0	0.0	0,0,0
14887	0.08	0.19	0.10	319,320,333	0.0	0.0	0.0	0,0,0
14888	0.06	0.13	0.07	316,316,333	0.0	0.0	0.0	0,0,0
14889	0.04	0.08	0.04	316,316,333	0.0	0.0	0.0	0,0,0
14890	0.08	0.18	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14891	0.08	0.20	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14892	0.08	0.20	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14893	0.11	0.26	0.13	316,316,334	0.0	0.0	0.0	0,0,0
14894	0.10	0.24	0.12	320,316,334	0.0	0.0	0.0	0,0,0
14895	0.08	0.20	0.09	320,320,334	0.0	0.0	0.0	0,0,0
14896	0.15	0.36	0.18	316,316,334	0.0	0.0	0.0	0,0,0
14897	0.13	0.31	0.15	316,316,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14898	0.10	0.25	0.12	320,320,334	0.0	0.0	0.0	0,0,0
14899	0.06	0.16	0.07	319,319,334	0.0	0.0	0.0	0,0,0
14900	0.06	0.17	0.07	319,319,334	0.0	0.0	0.0	0,0,0
14901	0.06	0.17	0.07	319,319,334	0.0	0.0	0.0	0,0,0
14902	0.06	0.16	0.06	320,322,334	0.0	0.0	0.0	0,0,0
14903	0.06	0.15	0.06	320,316,334	0.0	0.0	0.0	0,0,0
14904	0.06	0.14	0.06	320,316,334	0.0	0.0	0.0	0,0,0
14905	0.06	0.16	0.07	320,322,334	0.0	0.0	0.0	0,0,0
14906	0.06	0.15	0.07	320,316,334	0.0	0.0	0.0	0,0,0
14907	0.05	0.14	0.06	320,316,333	0.0	0.0	0.0	0,0,0
14908	0.08	0.20	0.10	320,320,334	0.0	0.0	0.0	0,0,0
14909	0.08	0.19	0.09	320,320,334	0.0	0.0	0.0	0,0,0
14910	0.07	0.17	0.08	320,320,334	0.0	0.0	0.0	0,0,0
14914	0.19	0.42	0.22	320,319,333	0.0	0.0	0.0	0,0,0
14915	0.08	0.22	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14916	0.46	0.74	0.55	319,320,333	0.31	0.28	0.27	319,332,334
14917	0.09	0.25	0.10	319,320,334	0.0	0.0	0.0	0,0,0
14918	0.31	0.69	0.36	319,319,333	0.31	0.27	0.0	319,332,0
14919	0.06	0.15	0.07	319,319,334	0.0	0.0	0.0	0,0,0
14920	0.08	0.20	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14921	0.12	0.26	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14922	0.11	0.26	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14923	0.10	0.24	0.12	320,320,334	0.0	0.0	0.0	0,0,0
14924	0.10	0.22	0.10	320,320,334	0.0	0.0	0.0	0,0,0
14925	0.12	0.26	0.14	320,320,333	0.0	0.0	0.0	0,0,0
14926	0.10	0.22	0.11	320,320,334	0.0	0.0	0.0	0,0,0
14927	0.17	0.31	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14928	0.12	0.27	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14930	0.11	0.24	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14931	0.11	0.21	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14932	0.23	0.43	0.27	319,319,333	0.0	0.0	0.0	0,0,0
14933	0.34	0.54	0.40	319,319,333	0.18	0.17	0.17	319,332,333
14934	0.11	0.22	0.13	319,319,334	0.0	0.0	0.0	0,0,0
14935	0.11	0.24	0.13	320,320,334	0.0	0.0	0.0	0,0,0
14936	0.12	0.27	0.14	319,319,334	0.0	0.0	0.0	0,0,0
14937	0.19	0.42	0.22	320,319,334	0.0	0.0	0.0	0,0,0
14938	0.11	0.26	0.12	319,319,334	0.0	0.0	0.0	0,0,0
14939	0.14	0.33	0.16	319,319,334	0.0	0.0	0.0	0,0,0
14940	0.18	0.42	0.20	319,319,334	0.0	0.0	0.0	0,0,0
14941	0.19	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
14942	0.29	0.68	0.34	320,319,333	0.31	0.0	0.0	319,0,0
14943	0.13	0.29	0.15	319,319,334	0.0	0.0	0.0	0,0,0
14944	0.19	0.44	0.22	319,319,334	0.0	0.0	0.0	0,0,0
14945	0.06	0.13	0.07	319,319,333	0.0	0.0	0.0	0,0,0
14946	0.09	0.20	0.09	319,319,334	0.0	0.0	0.0	0,0,0
14947	0.10	0.23	0.12	319,320,333	0.0	0.0	0.0	0,0,0
14948	0.09	0.20	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14949	0.08	0.17	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14950	0.13	0.30	0.15	320,320,333	0.0	0.0	0.0	0,0,0
14951	0.11	0.27	0.13	320,320,333	0.0	0.0	0.0	0,0,0
14952	0.14	0.33	0.17	320,320,333	0.0	0.0	0.0	0,0,0
14953	0.15	0.36	0.18	320,320,333	0.0	0.0	0.0	0,0,0
14954	0.18	0.43	0.22	320,320,333	0.0	0.0	0.0	0,0,0
14955	0.47	0.76	0.55	320,319,333	0.33	0.30	0.29	320,332,334
14956	0.45	0.81	0.52	319,319,334	0.33	0.31	0.30	319,332,334
14957	0.17	0.39	0.20	320,320,333	0.0	0.0	0.0	0,0,0
14958	0.22	0.52	0.26	320,320,333	0.0	0.0	0.0	0,0,0
14959	0.22	0.50	0.25	320,320,333	0.0	0.0	0.0	0,0,0
14960	0.21	0.48	0.24	320,320,333	0.0	0.0	0.0	0,0,0
14961	0.20	0.46	0.23	320,320,333	0.0	0.0	0.0	0,0,0
14962	0.23	0.52	0.26	319,320,333	0.0	0.0	0.0	0,0,0
14963	0.23	0.52	0.26	319,319,333	0.0	0.0	0.0	0,0,0
14970	0.39	0.81	0.46	319,319,333	0.31	0.33	0.32	319,325,333
14982	0.42	0.79	0.48	320,320,334	0.30	0.30	0.29	320,332,334
14983	0.44	0.80	0.49	320,320,334	0.30	0.30	0.29	320,332,334
14984	0.16	0.37	0.17	320,320,334	0.0	0.0	0.0	0,0,0
14985	0.07	0.16	0.07	320,320,334	0.0	0.0	0.0	0,0,0
14986	0.05	0.13	0.07	319,319,333	0.0	0.0	0.0	0,0,0
14987	0.06	0.14	0.07	315,315,333	0.0	0.0	0.0	0,0,0
14988	0.16	0.39	0.18	320,320,334	0.0	0.0	0.0	0,0,0
14989	0.16	0.39	0.18	320,320,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
14990	0.08	0.18	0.08	320,320,334	0.0	0.0	0.0	0,0,0
14991	0.07	0.16	0.08	315,315,333	0.0	0.0	0.0	0,0,0
14992	0.08	0.20	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14993	0.09	0.22	0.11	319,319,333	0.0	0.0	0.0	0,0,0
14994	0.12	0.29	0.14	319,319,333	0.0	0.0	0.0	0,0,0
14995	0.09	0.21	0.10	319,319,333	0.0	0.0	0.0	0,0,0
14996	0.11	0.27	0.13	319,319,333	0.0	0.0	0.0	0,0,0
14997	0.08	0.19	0.09	319,319,333	0.0	0.0	0.0	0,0,0
14998	0.10	0.25	0.12	319,319,333	0.0	0.0	0.0	0,0,0
14999	0.07	0.16	0.08	319,319,333	0.0	0.0	0.0	0,0,0
15000	0.14	0.33	0.16	319,319,333	0.0	0.0	0.0	0,0,0
15001	0.13	0.31	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15002	0.12	0.29	0.14	319,319,333	0.0	0.0	0.0	0,0,0
15003	0.09	0.24	0.11	320,320,334	0.0	0.0	0.0	0,0,0
15004	0.06	0.16	0.07	320,320,334	0.0	0.0	0.0	0,0,0
15005	0.08	0.19	0.09	320,320,334	0.0	0.0	0.0	0,0,0
15006	0.06	0.16	0.07	319,319,334	0.0	0.0	0.0	0,0,0
15007	0.05	0.14	0.06	320,320,333	0.0	0.0	0.0	0,0,0
15008	0.05	0.13	0.06	320,316,333	0.0	0.0	0.0	0,0,0
15009	0.06	0.14	0.06	320,320,334	0.0	0.0	0.0	0,0,0
15011	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
15012	0.14	0.31	0.16	320,319,334	0.0	0.0	0.0	0,0,0
15027	0.16	0.37	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15028	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15029	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15030	0.16	0.37	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15031	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15032	0.14	0.33	0.16	319,319,333	0.0	0.0	0.0	0,0,0
15033	0.15	0.35	0.17	319,319,333	0.0	0.0	0.0	0,0,0
15034	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15035	0.10	0.22	0.12	315,315,333	0.0	0.0	0.0	0,0,0
15036	0.09	0.21	0.12	315,315,333	0.0	0.0	0.0	0,0,0
15037	0.09	0.20	0.11	315,315,333	0.0	0.0	0.0	0,0,0
15038	0.09	0.21	0.11	319,319,333	0.0	0.0	0.0	0,0,0
15039	0.10	0.24	0.12	319,319,333	0.0	0.0	0.0	0,0,0
15040	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
15041	0.12	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15042	0.12	0.28	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15043	0.12	0.27	0.14	319,319,333	0.0	0.0	0.0	0,0,0
15044	0.12	0.27	0.14	319,319,333	0.0	0.0	0.0	0,0,0
15045	0.12	0.29	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15046	0.13	0.31	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15047	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
15048	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
15049	0.14	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
15050	0.13	0.31	0.16	319,319,333	0.0	0.0	0.0	0,0,0
15051	0.14	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
15052	0.14	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
15053	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15054	0.16	0.37	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15055	0.16	0.39	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15056	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15057	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15058	0.17	0.41	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15059	0.17	0.39	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15060	0.17	0.41	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15061	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15062	0.17	0.39	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15063	0.17	0.41	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15064	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15065	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15066	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15067	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15068	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15069	0.17	0.39	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15070	0.17	0.40	0.20	319,319,334	0.0	0.0	0.0	0,0,0
15071	0.16	0.37	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15072	0.16	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15073	0.16	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15074	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0
15075	0.17	0.39	0.20	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15076	0.17	0.38	0.20	319,319,334	0.0	0.0	0.0	0,0,0
15077	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
15078	0.21	0.48	0.25	319,319,333	0.0	0.0	0.0	0,0,0
15079	0.20	0.46	0.24	319,319,334	0.0	0.0	0.0	0,0,0
15080	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15081	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15082	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15083	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15084	0.17	0.41	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15085	0.18	0.43	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15086	0.18	0.43	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15087	0.18	0.43	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15088	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15089	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15090	0.18	0.43	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15091	0.18	0.43	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15092	0.18	0.43	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15093	0.18	0.43	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15094	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15095	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15096	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15097	0.18	0.42	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15098	0.18	0.41	0.21	319,319,333	0.0	0.0	0.0	0,0,0
15099	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15100	0.17	0.40	0.20	319,319,334	0.0	0.0	0.0	0,0,0
15101	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15102	0.17	0.39	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15103	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15104	0.16	0.37	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15105	0.16	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15106	0.16	0.37	0.18	319,319,334	0.0	0.0	0.0	0,0,0
15107	0.15	0.35	0.17	320,319,334	0.0	0.0	0.0	0,0,0
15108	0.14	0.32	0.16	320,320,334	0.0	0.0	0.0	0,0,0
15109	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15110	0.16	0.36	0.18	319,319,334	0.0	0.0	0.0	0,0,0
15111	0.14	0.33	0.17	320,319,334	0.0	0.0	0.0	0,0,0
15112	0.12	0.28	0.14	320,320,334	0.0	0.0	0.0	0,0,0
15113	0.22	0.51	0.26	319,319,333	0.0	0.0	0.0	0,0,0
15114	0.34	0.78	0.40	319,319,333	0.35	0.32	0.31	319,332,333
15115	0.18	0.41	0.21	319,319,334	0.0	0.0	0.0	0,0,0
15116	0.15	0.34	0.18	320,319,334	0.0	0.0	0.0	0,0,0
15117	0.13	0.29	0.15	320,319,334	0.0	0.0	0.0	0,0,0
15118	0.25	0.56	0.29	319,319,334	0.0	0.0	0.0	0,0,0
15119	0.60	0.80	0.72	319,319,333	0.30	0.29	0.28	319,332,333
15120	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15121	0.17	0.41	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15122	0.17	0.41	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15123	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15124	0.16	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15125	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15126	0.31	0.72	0.36	319,319,333	0.33	0.29	0.28	319,332,333
15127	0.44	0.79	0.52	319,319,333	0.30	0.30	0.29	319,332,333
15128	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15129	0.16	0.37	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15130	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15131	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15132	0.17	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15133	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15134	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15135	0.17	0.39	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15136	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15137	0.17	0.39	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15138	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15139	0.16	0.37	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15140	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15141	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15142	0.15	0.35	0.17	319,319,333	0.0	0.0	0.0	0,0,0
15143	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15144	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15145	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15146	0.20	0.47	0.23	319,319,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15147	0.11	0.25	0.12	319,319,333	0.0	0.0	0.0	0,0,0
15148	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
15149	0.20	0.47	0.23	319,319,333	0.0	0.0	0.0	0,0,0
15150	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
15151	0.11	0.25	0.13	319,319,334	0.0	0.0	0.0	0,0,0
15152	0.14	0.33	0.17	319,319,333	0.0	0.0	0.0	0,0,0
15153	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15154	0.15	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15155	0.15	0.35	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15156	0.15	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
15157	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15158	0.11	0.26	0.13	319,319,333	0.0	0.0	0.0	0,0,0
15159	0.12	0.29	0.14	319,319,333	0.0	0.0	0.0	0,0,0
15160	0.12	0.28	0.14	319,319,333	0.0	0.0	0.0	0,0,0
15161	0.15	0.34	0.17	319,319,333	0.0	0.0	0.0	0,0,0
15162	0.14	0.32	0.16	319,319,333	0.0	0.0	0.0	0,0,0
15163	0.13	0.30	0.15	319,319,333	0.0	0.0	0.0	0,0,0
15164	0.16	0.36	0.18	319,319,333	0.0	0.0	0.0	0,0,0
15165	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15166	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15167	0.17	0.40	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15168	0.17	0.39	0.20	319,319,333	0.0	0.0	0.0	0,0,0
15169	0.16	0.38	0.19	319,319,333	0.0	0.0	0.0	0,0,0
15170	0.05	0.13	0.06	320,320,334	0.0	0.0	0.0	0,0,0
15171	0.07	0.17	0.07	320,320,334	0.0	0.0	0.0	0,0,0
15172	0.05	0.12	0.05	320,320,334	0.0	0.0	0.0	0,0,0
15173	0.08	0.20	0.08	320,320,334	0.0	0.0	0.0	0,0,0
15174	0.09	0.23	0.10	320,320,334	0.0	0.0	0.0	0,0,0
15175	0.10	0.26	0.10	320,320,334	0.0	0.0	0.0	0,0,0
15176	0.16	0.35	0.18	320,319,334	0.0	0.0	0.0	0,0,0
15178	0.16	0.36	0.19	320,319,333	0.0	0.0	0.0	0,0,0
15180	0.16	0.36	0.19	320,319,333	0.0	0.0	0.0	0,0,0
15182	0.16	0.36	0.19	320,319,333	0.0	0.0	0.0	0,0,0
15183	0.16	0.36	0.19	320,319,333	0.0	0.0	0.0	0,0,0
15187	0.14	0.31	0.16	320,319,333	0.0	0.0	0.0	0,0,0
15195	0.17	0.39	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15200	0.12	0.29	0.14	320,320,333	0.0	0.0	0.0	0,0,0
15205	0.16	0.35	0.18	320,319,333	0.0	0.0	0.0	0,0,0
15208	0.30	0.69	0.34	319,319,334	0.31	0.0	0.0	319,0,0
15209	0.25	0.59	0.28	319,319,334	0.0	0.0	0.0	0,0,0
15216	0.14	0.30	0.16	320,320,333	0.0	0.0	0.0	0,0,0
15222	0.10	0.22	0.12	320,319,333	0.0	0.0	0.0	0,0,0
15223	0.10	0.23	0.12	320,320,333	0.0	0.0	0.0	0,0,0
15224	0.12	0.27	0.14	320,320,333	0.0	0.0	0.0	0,0,0
15226	0.15	0.34	0.16	320,320,334	0.0	0.0	0.0	0,0,0
15227	0.12	0.30	0.13	320,320,334	0.0	0.0	0.0	0,0,0
15228	0.05	0.12	0.06	315,320,333	0.0	0.0	0.0	0,0,0
15229	0.09	0.22	0.09	320,320,334	0.0	0.0	0.0	0,0,0
15230	0.08	0.17	0.10	315,315,333	0.0	0.0	0.0	0,0,0
15231	0.09	0.20	0.11	315,320,333	0.0	0.0	0.0	0,0,0
15232	0.04	0.10	0.05	320,320,333	0.0	0.0	0.0	0,0,0
15233	0.05	0.12	0.06	320,320,333	0.0	0.0	0.0	0,0,0
15234	0.05	0.12	0.07	320,320,333	0.0	0.0	0.0	0,0,0
15235	0.05	0.12	0.07	320,320,333	0.0	0.0	0.0	0,0,0
15236	0.04	0.10	0.05	320,301,333	0.0	0.0	0.0	0,0,0
15237	0.05	0.12	0.06	315,315,333	0.0	0.0	0.0	0,0,0
15238	0.06	0.15	0.08	315,316,333	0.0	0.0	0.0	0,0,0
15239	0.07	0.16	0.09	315,316,333	0.0	0.0	0.0	0,0,0
15242	0.34	0.75	0.41	320,320,333	0.33	0.30	0.30	320,332,333
15243	0.19	0.42	0.22	320,320,334	0.0	0.0	0.0	0,0,0
15246	0.38	0.71	0.46	320,320,333	0.32	0.29	0.28	320,332,333
15248	0.22	0.51	0.27	320,320,333	0.0	0.0	0.0	0,0,0
15250	0.06	0.12	0.07	320,319,333	0.0	0.0	0.0	0,0,0
15251	0.14	0.32	0.17	320,319,333	0.0	0.0	0.0	0,0,0
15254	0.17	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15256	0.15	0.34	0.17	319,319,334	0.0	0.0	0.0	0,0,0
15257	0.12	0.26	0.14	319,319,334	0.0	0.0	0.0	0,0,0
15260	0.08	0.17	0.09	319,319,334	0.0	0.0	0.0	0,0,0
15267	0.17	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0
15269	0.14	0.31	0.16	319,319,334	0.0	0.0	0.0	0,0,0
15270	0.16	0.38	0.19	319,319,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15273	0.09	0.19	0.10	319,319,334	0.0	0.0	0.0	0,0,0
15275	0.32	0.65	0.37	320,320,333	0.26	0.23	0.22	320,332,333
15279	0.15	0.33	0.18	320,320,333	0.0	0.0	0.0	0,0,0
15280	0.45	0.81	0.53	319,319,333	0.31	0.32	0.30	319,332,333
15288	0.08	0.20	0.09	319,319,334	0.0	0.0	0.0	0,0,0
15294	0.11	0.25	0.12	320,320,333	0.0	0.0	0.0	0,0,0
15295	0.34	0.66	0.40	320,320,333	0.29	0.23	0.23	320,332,333
16585	0.10	0.24	0.11	319,320,333	0.0	0.0	0.0	0,0,0
16586	0.11	0.27	0.12	319,320,333	0.0	0.0	0.0	0,0,0
16587	0.12	0.31	0.13	319,320,333	0.0	0.0	0.0	0,0,0
16588	0.12	0.30	0.13	319,320,333	0.0	0.0	0.0	0,0,0
16589	0.20	0.48	0.22	322,322,333	0.0	0.0	0.0	0,0,0
16590	0.31	0.62	0.35	320,320,333	0.23	0.22	0.20	320,326,333
16591	0.31	0.63	0.36	320,320,333	0.24	0.22	0.20	320,326,333
16592	0.20	0.50	0.22	322,322,333	0.0	0.0	0.0	0,0,0
16600	0.08	0.11	0.08	321,313,334	0.0	0.0	0.0	0,0,0
16601	0.12	0.13	0.14	319,320,334	0.0	0.0	0.0	0,0,0
16602	0.07	0.06	0.07	321,313,334	0.0	0.0	0.0	0,0,0
16603	0.09	0.12	0.11	315,313,334	0.0	0.0	0.0	0,0,0
Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.81	0.81	0.96		0.62	0.58	0.55	

VERIFICA SETTI IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata.*

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV,** il rapporto x/d, la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento,* riportando in tabella il rapporto x/d, la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattorei di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione "*Singolo Elemento …*" è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento
Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO

Per gli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*" è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Per le verifiche degli elementi con progettazione "*Singolo Elemento …*" e *Progettazione Composta* è presente una tabella

con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e\o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e\o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria
V sec-	Verifica dell'armatura nella direzione secondaria

Per le verifiche degli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*", oltre alla tabella con le verifiche per gli elementi con progettazione "*Singolo Elemento …*", è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]

A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato Ned/(bw fyd)

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armatura in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armatura in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:
"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
3	30.00	5	3	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
3297	ok	0.0	0.3	0.2	12.7	12.7	5.7	5.7	-973.4	-164.7	-28.1	18.2	3.7	-1.6
3298	ok	0.0	0.3	6.38e-02	12.7	12.7	5.7	5.7	-194.9	-139.0	-128.9	9.6	0.9	-3.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
3299	ok	0.0	0.3	5.97e-02	12.7	12.7	5.7	5.7	-257.1	-161.7	82.3	12.5	2.6	-0.4
3300	ok	0.0	0.8	9.92e-02	20.1	20.1	5.7	5.7	-525.7	-170.9	273.7	15.2	-0.5	3.3
3301	ok	0.0	0.9	0.1	20.1	20.1	5.7	5.7	-988.2	-189.5	174.0	18.7	-0.5	-1.8
5289	ok	0.0	0.2	2.69e-02	10.1	10.1	5.7	5.7	-42.7	-43.3	-123.7	-2.2	-1.3	-1.7
5292	ok	0.0	0.2	3.27e-02	20.1	20.1	5.7	5.7	-82.6	-39.5	-133.5	-3.9	-6.9	-1.2
5293	ok	0.0	0.2	1.97e-02	10.1	10.1	5.7	5.7	-59.0	1.0	38.5	-0.7	-1.7	1.2
5294	ok	0.0	0.2	1.79e-02	10.1	10.1	5.7	5.7	-40.2	-8.1	21.1	-2.3	-1.2	0.7
5308	ok	0.0	0.2	2.04e-02	10.1	10.1	5.7	5.7	-74.1	6.5	43.8	-0.7	-2.2	1.2
5309	ok	0.0	0.2	2.10e-02	10.1	10.1	5.7	5.7	-96.4	18.1	52.7	-0.5	-2.9	1.2
5310	ok	0.0	0.2	2.27e-02	10.1	10.1	5.7	5.7	-103.8	38.9	54.9	-0.8	-4.0	0.5
5349	ok	0.0	0.2	2.48e-02	10.1	10.1	5.7	5.7	-132.9	32.2	65.8	-1.5	-3.2	1.5
5350	ok	0.0	0.3	2.46e-02	10.1	10.1	5.7	5.7	-121.4	-62.3	-19.3	1.0	-1.3	-2.9
5354	ok	0.0	0.2	2.50e-02	10.1	10.1	5.7	5.7	-99.6	-16.2	-89.3	1.6	-0.4	-2.4
5355	ok	0.0	0.2	2.55e-02	10.1	10.1	5.7	5.7	-89.4	10.0	-102.2	1.7	-0.3	-1.8
5367	ok	0.0	0.2	2.54e-02	10.1	10.1	5.7	5.7	-74.4	13.9	-116.7	1.0	-0.5	-1.2
5368	ok	0.0	0.2	2.57e-02	10.1	10.1	5.7	5.7	-13.8	-9.7	-108.5	-1.5	-2.20e-02	-1.6
5369	ok	0.0	0.2	3.05e-02	20.1	20.1	5.7	5.7	-145.2	-8.1	-111.4	-1.4	-2.7	-2.6
5372	ok	0.0	0.2	2.74e-02	20.1	20.1	5.7	5.7	-132.6	12.9	-102.8	1.7	4.4	-2.5
5373	ok	0.0	0.3	2.50e-02	20.1	20.1	5.7	5.7	-118.5	38.3	-100.5	3.7	8.9	-1.9
5374	ok	0.0	0.5	1.87e-02	20.1	20.1	5.7	5.7	-81.3	128.8	-55.6	3.5	11.1	1.2
5375	ok	0.0	0.6	2.59e-02	20.1	20.1	5.7	5.7	94.7	233.9	-89.0	-15.3	2.4	3.7
5376	ok	0.0	0.4	3.13e-02	20.1	20.1	5.7	5.7	-201.6	80.7	-53.9	9.4	4.3	2.83e-02
5377	ok	0.0	0.4	2.74e-02	20.1	20.1	5.7	5.7	-135.4	106.7	-96.6	3.3	5.2	-1.3
5378	ok	0.0	0.3	2.71e-02	20.1	20.1	5.7	5.7	-125.7	35.6	-102.9	3.3	5.4	-1.2
5379	ok	0.0	0.2	2.82e-02	20.1	20.1	5.7	5.7	-88.3	17.2	-124.7	1.5	2.5	-1.9
5380	ok	0.0	0.2	2.97e-02	20.1	20.1	5.7	5.7	-85.3	-5.6	-127.1	-1.5	-2.8	-1.8
5385	ok	0.0	0.2	1.14e-02	10.1	10.1	5.7	5.7	10.9	50.7	-15.2	7.5	2.5	-0.8
5390	ok	0.0	0.2	1.46e-02	10.1	10.1	5.7	5.7	43.0	39.0	-20.7	10.3	3.3	-1.2
5391	ok	0.0	0.4	3.22e-02	20.1	20.1	5.7	5.7	141.2	-69.0	-17.0	13.1	2.8	-2.1
5392	ok	0.0	0.1	7.41e-02	20.1	20.1	5.7	5.7	-474.3	-195.3	-113.2	13.6	-7.3	3.0
6582	ok	0.0	0.3	3.97e-02	10.1	10.1	5.7	5.7	-72.0	1.0	-191.1	-1.8	-2.6	-1.4
6590	ok	0.0	0.3	4.47e-02	10.1	10.1	5.7	5.7	-220.3	30.6	137.9	-0.7	-0.5	1.1
6591	ok	0.0	0.3	4.41e-02	10.1	10.1	5.7	5.7	-198.1	19.1	134.9	-0.6	-0.7	1.6
6592	ok	0.0	0.3	4.09e-02	10.1	10.1	5.7	5.7	-180.5	5.6	129.0	-1.2	-1.8	1.8
6593	ok	0.0	0.4	3.89e-02	10.1	10.1	5.7	5.7	-166.9	1.4	120.4	-1.5	-2.9	2.4
6594	ok	0.0	0.2	7.38e-02	20.1	20.1	5.7	5.7	-410.4	-309.0	-102.5	-5.8	-11.6	5.2
9132	ok	0.0	0.2	3.21e-02	10.1	10.1	5.7	5.7	-128.4	10.6	63.5	-1.3	-3.2	1.3
9133	ok	0.0	0.4	3.95e-02	10.1	10.1	5.7	5.7	-42.0	-143.3	-140.8	-2.9	-3.0	-3.2
9134	ok	0.0	0.5	5.18e-02	20.1	20.1	5.7	5.7	-98.4	-230.3	-148.6	-4.4	-9.5	-1.5
9139	ok	0.0	0.7	6.59e-02	20.1	20.1	5.7	5.7	-180.3	-298.0	130.8	-4.0	-7.2	7.8
9140	ok	0.0	0.2	2.49e-02	10.1	10.1	5.7	5.7	-126.2	35.0	65.4	-1.5	-3.5	2.1
9141	ok	0.0	0.3	2.43e-02	10.1	10.1	5.7	5.7	-117.7	72.8	54.8	1.1	2.2	0.8
9142	ok	0.0	0.7	5.04e-02	20.1	20.1	5.7	5.7	-81.1	265.2	120.0	-6.2	3.1	-1.1
9143	ok	0.0	0.2	3.31e-02	20.1	20.1	5.7	5.7	-155.8	-43.3	-111.0	-5.5	-10.0	-1.4
10006	ok	0.0	0.2	3.82e-02	20.1	20.1	5.7	5.7	-134.8	-0.1	-177.0	-1.5	-4.9	-4.6
10007	ok	0.0	0.3	4.41e-02	10.1	10.1	5.7	5.7	-235.7	28.1	99.1	0.9	0.7	2.6
10011	ok	0.0	0.3	3.86e-02	10.1	10.1	5.7	5.7	-182.6	3.0	112.4	-0.2	0.7	1.7
10012	ok	0.0	0.3	3.86e-02	10.1	10.1	5.7	5.7	-76.0	16.0	-174.6	0.7	-0.9	-1.7
10798	ok	0.0	0.3	3.70e-02	10.1	10.1	5.7	5.7	-157.7	-5.0	119.7	-1.9	-3.3	2.0
10799	ok	0.0	0.3	4.08e-02	10.1	10.1	5.7	5.7	-47.2	-42.3	-170.1	-3.4	-3.8	-2.5
10800	ok	0.0	0.3	4.69e-02	20.1	20.1	5.7	5.7	-148.7	-38.1	-185.8	-4.9	-11.4	-2.8
11051	ok	0.0	0.4	3.40e-02	20.1	20.1	5.7	5.7	-60.2	35.0	-170.8	2.9	3.0	-1.6
11052	ok	0.0	0.4	4.08e-02	20.1	20.1	5.7	5.7	-233.1	61.4	89.5	2.4	1.8	2.6
11053	ok	0.0	0.6	3.16e-02	20.1	20.1	5.7	5.7	97.5	163.5	-113.4	9.4	9.4	1.8
11054	ok	0.0	0.4	3.30e-02	20.1	20.1	5.7	5.7	-153.5	7.2	85.9	0.2	3.1	2.1
11055	ok	0.0	0.3	3.49e-02	20.1	20.1	5.7	5.7	-133.9	16.6	-160.6	0.8	1.0	-4.0
11071	ok	0.0	0.3	4.34e-02	20.1	20.1	5.7	5.7	-128.0	4.7	-173.0	-1.8	-4.6	-3.0
11075	ok	0.0	0.4	4.18e-02	20.1	20.1	5.7	5.7	-139.2	15.9	-160.0	0.7	-0.1	-3.0
15155	ok	0.0	0.2	9.08e-03	10.1	10.1	5.7	5.7	21.5	71.0	-42.2	9.3	-2.9	-0.7
15156	ok	0.0	0.3	6.71e-03	10.1	10.1	5.7	5.7	9.9	80.0	-14.2	8.6	2.9	-0.4
15157	ok	0.0	0.3	8.80e-03	10.1	10.1	5.7	5.7	39.1	89.9	-19.1	12.1	3.7	-0.4
15158	ok	0.0	0.5	1.92e-02	20.1	20.1	5.7	5.7	280.5	157.8	-14.7	18.6	5.3	0.8
15159	ok	0.0	0.4	7.83e-02	20.1	20.1	5.7	5.7	-517.8	-73.3	-118.2	29.5	7.1	3.5
15668	ok	0.0	0.3	5.74e-02	10.1	10.1	5.7	5.7	-264.3	-50.3	162.6	-3.1	-0.9	0.4
15669	ok	0.0	0.3	5.75e-02	10.1	10.1	5.7	5.7	-232.8	-27.3	205.5	-1.9	-3.4	1.2
15670	ok	0.0	0.3	5.78e-02	10.1	10.1	5.7	5.7	-222.1	-19.7	211.3	-1.8	-3.6	2.2
15671	ok	0.0	0.3	5.87e-02	10.1	10.1	5.7	5.7	-268.6	0.6	-192.3	1.1	3.4	-1.7
15672	ok	0.0	0.4	6.18e-02	10.1	10.1	5.7	5.7	-311.4	1.0	-174.5	0.6	-1.6	-2.6
15673	ok	0.0	0.4	6.75e-02	10.1	10.1	5.7	5.7	-397.2	-10.5	-111.0	1.7	-1.6	-1.7
15674	ok	0.0	0.4	7.87e-02	10.1	10.1	5.7	5.7	-485.7	-30.7	-76.1	1.4	-1.9	-1.2
15699	ok	0.0	0.2	4.50e-02	10.1	10.1	5.7	5.7	-216.8	41.8	132.6	1.8	-0.1	0.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15700	ok	0.0	0.3	4.62e-02	10.1	10.1	5.7	5.7	-210.8	15.3	149.1	-1.1	-0.2	1.8
15701	ok	0.0	0.3	4.63e-02	10.1	10.1	5.7	5.7	-210.1	-7.5	151.5	-0.9	-1.3	2.7
15702	ok	0.0	0.4	4.52e-02	10.1	10.1	5.7	5.7	-200.7	-15.1	149.0	-1.2	-2.3	2.6
15703	ok	0.0	0.4	4.37e-02	10.1	10.1	5.7	5.7	-192.4	-18.2	144.5	-1.0	-2.6	1.7
15704	ok	0.0	0.3	3.56e-02	10.1	10.1	5.7	5.7	-177.7	3.3	82.0	-3.9	-1.6	0.6
15767	ok	0.0	0.2	2.74e-02	10.1	10.1	5.7	5.7	-147.6	32.5	72.6	4.4	-3.3	1.1
15768	ok	0.0	0.2	2.60e-02	10.1	10.1	5.7	5.7	-128.2	34.3	75.5	1.5	-3.5	1.2
15769	ok	0.0	0.2	2.40e-02	10.1	10.1	5.7	5.7	-112.1	7.9	67.8	-0.5	-3.0	1.8
15770	ok	0.0	0.2	2.19e-02	10.1	10.1	5.7	5.7	-104.1	-5.8	66.7	-0.5	-2.4	1.8
15771	ok	0.0	0.2	1.92e-02	10.1	10.1	5.7	5.7	-84.4	-9.1	63.2	-0.6	-2.2	1.6
15772	ok	0.0	0.2	1.82e-02	10.1	10.1	5.7	5.7	-51.1	6.6	42.0	-1.3	-2.4	0.6
15773	ok	0.0	0.2	1.38e-02	10.1	10.1	5.7	5.7	16.5	47.1	-36.3	6.9	-2.5	-0.3
16962	ok	0.0	0.2	3.17e-02	10.1	10.1	5.7	5.7	-148.8	20.4	70.7	4.0	-3.2	1.2
17101	ok	0.0	0.2	5.45e-02	10.1	10.1	5.7	5.7	-261.4	-47.9	153.9	-3.1	-0.8	0.9
17119	ok	0.0	0.4	5.33e-02	20.1	20.1	5.7	5.7	-56.7	-43.3	-214.5	-4.6	-13.9	-2.2
17123	ok	0.0	0.4	5.73e-02	10.1	10.1	5.7	5.7	-240.7	-38.7	191.2	-2.4	-3.9	1.6
17124	ok	0.0	0.3	5.76e-02	10.1	10.1	5.7	5.7	-254.6	-20.2	190.8	-0.9	-1.6	2.0
17125	ok	0.0	0.3	5.70e-02	20.1	20.1	5.7	5.7	-70.9	-52.9	-212.8	-4.9	-9.6	-1.6
17126	ok	0.0	0.4	5.93e-02	10.1	10.1	5.7	5.7	-244.3	-26.9	195.8	-2.9	-3.9	2.0
17127	ok	0.0	0.4	6.02e-02	10.1	10.1	5.7	5.7	-254.1	-17.9	196.2	-2.0	-2.7	2.2
17128	ok	0.0	0.4	6.12e-02	10.1	10.1	5.7	5.7	-168.3	27.6	-206.9	1.6	-2.3	-0.8
17129	ok	0.0	0.4	6.05e-02	10.1	10.1	5.7	5.7	-206.2	29.1	-192.5	1.8	-1.9	-1.9
17130	ok	0.0	0.3	6.00e-02	10.1	10.1	5.7	5.7	-299.1	-67.3	-65.6	6.2	2.2	-1.7
17131	ok	0.0	0.6	7.36e-02	10.1	10.1	5.7	5.7	-323.2	-154.6	108.5	11.6	4.6	1.5
17132	ok	0.0	0.5	6.99e-02	10.1	10.1	5.7	5.7	-347.3	-46.0	106.9	-0.9	2.5	1.9
17133	ok	0.0	0.5	6.70e-02	10.1	10.1	5.7	5.7	-309.6	-3.06e-02	210.3	-3.0	-2.8	1.9
17134	ok	0.0	0.4	6.54e-02	10.1	10.1	5.7	5.7	-298.5	-3.1	203.4	-2.6	-1.8	1.6
17135	ok	0.0	0.4	6.22e-02	10.1	10.1	5.7	5.7	-278.5	-23.8	202.2	-2.2	-1.5	1.9
17136	ok	0.0	0.9	9.44e-02	20.1	20.1	5.7	5.7	-462.5	-122.9	104.6	16.6	6.9	2.7
17137	ok	0.0	0.7	8.59e-02	20.1	20.1	5.7	5.7	-487.4	-9.7	106.9	-1.7	-5.8	0.5
17138	ok	0.0	0.6	8.27e-02	20.1	20.1	5.7	5.7	-475.9	-6.3	107.4	-1.6	-2.9	0.5
17139	ok	0.0	0.5	7.33e-02	20.1	20.1	5.7	5.7	-355.3	-1.9	170.1	-2.8	-3.1	1.3
17140	ok	0.0	0.4	6.41e-02	20.1	20.1	5.7	5.7	-315.8	-17.4	183.4	-2.2	-1.2	1.5
17141	ok	0.0	1.0	0.1	20.1	20.6	5.7	6.5	-971.6	-169.7	147.8	16.2	-0.4	-1.3
17142	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-588.2	-26.8	100.6	-0.5	-2.7	1.2
17143	ok	0.0	0.5	8.58e-02	20.1	20.1	5.7	5.7	-498.4	-10.2	86.8	-0.6	-1.6	1.6
17144	ok	0.0	0.4	7.18e-02	20.1	20.1	5.7	5.7	-359.3	-4.1	154.2	-2.1	-3.3	2.5
17145	ok	0.0	0.3	6.04e-02	20.1	20.1	5.7	5.7	-349.0	-12.1	153.8	-1.0	-1.2	2.7
17146	ok	0.0	0.3	6.64e-02	20.1	20.1	5.7	5.7	-287.0	-270.4	-132.5	-8.6	-12.4	3.3
17147	ok	0.0	0.3	5.30e-02	10.1	10.1	5.7	5.7	-226.9	-42.7	172.9	-1.5	-2.8	1.1
17148	ok	0.0	0.3	5.21e-02	10.1	10.1	5.7	5.7	-235.5	38.1	136.9	0.4	1.2	1.9
17149	ok	0.0	0.4	5.36e-02	20.1	20.1	5.7	5.7	-9.2	-166.5	-68.3	-2.5	-6.0	-1.2
17150	ok	0.0	0.6	4.82e-02	20.1	20.1	5.7	5.7	-128.1	111.8	163.5	17.3	3.1	4.3
17151	ok	0.0	0.3	4.63e-02	10.1	10.1	5.7	5.7	-219.9	3.3	137.8	-0.7	-1.4	1.6
17152	ok	0.0	0.3	4.93e-02	10.1	10.1	5.7	5.7	-224.0	53.0	114.8	0.7	0.7	1.8
17153	ok	0.0	0.4	5.32e-02	20.1	20.1	5.7	5.7	-235.4	147.7	83.2	4.5	2.5	0.4
17187	ok	0.0	0.4	4.10e-02	20.1	20.1	5.7	5.7	-160.8	-21.2	-171.6	-5.8	-14.9	-3.4
17499	ok	0.0	0.6	0.4	12.7	12.7	5.7	5.7	-2304.3	-147.2	-846.5	15.4	1.6	5.4
17500	ok	0.0	1.0	5.89e-02	20.4	22.9	10.4	13.9	-363.4	-45.6	-81.3	-6.4	-2.2	-4.4
17501	ok	0.0	0.7	9.26e-03	12.7	12.7	5.7	5.7	89.3	245.8	148.8	-0.5	-1.7	2.9
17502	ok	0.0	1.0	6.63e-02	25.4	28.9	5.7	9.1	1158.6	176.5	-288.2	0.5	1.3	-5.9
17503	ok	0.0	0.6	0.4	25.4	25.4	5.7	5.7	-2732.2	-252.3	1119.0	17.7	-0.4	-4.1
17512	ok	0.0	0.6	0.2	25.4	25.4	5.7	5.7	-933.3	45.9	-98.9	13.2	3.1	0.5
17515	ok	0.0	0.4	0.2	25.4	25.4	5.7	5.7	-467.8	-191.7	210.3	-7.5	-6.0	1.9
17516	ok	0.0	0.4	4.36e-02	12.7	12.7	5.7	5.7	-52.1	-72.0	55.6	-4.1	-3.4	0.3
17517	ok	0.0	0.3	9.76e-02	12.7	12.7	5.7	5.7	-33.1	-182.2	-125.4	12.6	2.1	-0.2
17518	ok	0.0	0.4	0.2	12.7	12.7	5.7	5.7	-1118.9	-227.0	-174.3	4.0	0.7	2.1
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-2732.18	-309.04	-846.53	-15.27	-14.88	-5.93
		0.0	0.99	0.44	25.45	28.86	10.45	13.88	1158.60	265.20	1118.95	29.48	11.08	7.83

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
3297	ok	3.83						
3298	ok	1.88						
3299	ok	1.47						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
3300	ok	3.52						
3301	ok	5.16						
5289	ok	0.45						
5292	ok	1.09						
5293	ok	0.22						
5294	ok	0.30						
5308	ok	0.24						
5309	ok	0.30						
5310	ok	0.40						
5349	ok	0.58						
5350	ok	0.35						
5354	ok	0.30						
5355	ok	0.28						
5367	ok	0.22						
5368	ok	0.23						
5369	ok	0.75						
5372	ok	0.75						
5373	ok	0.84						
5374	ok	1.75						
5375	ok	3.34						
5376	ok	1.13						
5377	ok	1.21						
5378	ok	0.73						
5379	ok	0.83						
5380	ok	0.82						
5385	ok	0.94						
5390	ok	0.62						
5391	ok	1.95						
5392	ok	3.34						
6582	ok	0.29						
6590	ok	0.42						
6591	ok	0.27						
6592	ok	0.31						
6593	ok	0.28						
6594	ok	4.57						
9132	ok	0.56						
9133	ok	0.53						
9134	ok	1.95						
9139	ok Av	6.68	0.23	0.04	7.5	1.3	155.3	27.3
9140	ok	0.61						
9141	ok	0.40						
9142	ok	2.08						
9143	ok	1.05						
10006	ok	1.14						
10007	ok	0.25						
10011	ok	0.17						
10012	ok	0.18						
10798	ok	0.35						
10799	ok	0.48						
10800	ok	1.19						
11051	ok	0.65						
11052	ok	1.50						
11053	ok	3.14						
11054	ok	1.00						
11055	ok	1.08						
11071	ok	0.94						
11075	ok	0.83						
15155	ok	2.31						
15156	ok	1.11						
15157	ok	0.74						
15158	ok	2.18						
15159	ok	4.83						
15668	ok	0.97						
15669	ok	0.61						
15670	ok	0.70						
15671	ok	0.77						
15672	ok	0.75						
15673	ok	0.92						
15674	ok	2.30						
15699	ok	0.68						
15700	ok	0.65						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15701	ok	0.52						
15702	ok	0.57						
15703	ok	0.60						
15704	ok	1.19						
15767	ok	1.07						
15768	ok	0.60						
15769	ok	0.55						
15770	ok	0.46						
15771	ok	0.51						
15772	ok	0.52						
15773	ok	1.68						
16962	ok	1.21						
17101	ok	0.97						
17119	ok	1.19						
17123	ok	0.46						
17124	ok	0.47						
17125	ok	0.91						
17126	ok	0.47						
17127	ok	0.58						
17128	ok	0.51						
17129	ok	0.58						
17130	ok	0.88						
17131	ok	0.75						
17132	ok	0.80						
17133	ok	0.43						
17134	ok	0.32						
17135	ok	0.38						
17136	ok	3.04						
17137	ok	1.25						
17138	ok	0.92						
17139	ok	0.90						
17140	ok	0.91						
17141	ok	3.84						
17142	ok	1.28						
17143	ok	0.97						
17144	ok	1.09						
17145	ok	1.10						
17146	ok	4.57						
17147	ok	0.58						
17148	ok	0.45						
17149	ok	1.78						
17150	ok	5.69						
17151	ok	0.58						
17152	ok	0.30						
17153	ok	1.35						
17187	ok	1.25						
17499	ok Av	16.60	0.56	0.07	18.9	2.5	390.2	50.9
17500	ok Av	9.83	0.34	0.03	11.1	1.0	230.2	20.2
17501	ok	2.16						
17502	ok Av	12.40	0.42	0.04	14.0	1.2	290.4	25.2
17503	ok Av	22.08	0.74	0.11	25.1	3.5	518.5	72.1
17512	ok Av	10.45	0.34	0.17	11.4	5.6	235.3	116.7
17515	ok	5.24						
17516	ok	1.77						
17517	ok	3.50						
17518	ok Av	6.68	0.22	0.08	7.1	2.6	147.9	54.7
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		22.08	0.74	0.17	25.06	5.64	518.52	116.72

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
5	30.00	5	3	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
66	ok	0.0	0.7	6.04e-02	25.4	25.4	5.7	5.7	325.9	99.4	60.0	18.3	3.6	0.3
71	ok	0.0	0.6	0.4	25.4	25.4	5.7	5.7	-2414.8	-380.3	-626.1	7.8	3.8	2.6
129	ok	0.0	0.8	5.65e-02	12.7	12.7	5.7	5.7	164.6	140.9	-227.4	10.3	3.1	1.2
130	ok	0.0	0.7	5.88e-02	12.7	12.7	5.7	5.7	-25.7	46.0	351.9	0.2	-1.5	0.5
134	ok	0.0	0.8	5.04e-02	12.7	12.7	5.7	5.7	150.3	151.0	331.7	7.0	1.6	0.9
135	ok	0.0	0.8	4.45e-02	12.7	12.7	5.7	5.7	86.8	113.1	357.9	5.1	1.0	0.8
153	ok	0.0	0.7	9.01e-02	12.7	12.7	5.7	5.7	187.9	-30.8	289.6	4.7	5.9	1.5
197	ok	0.0	0.4	3.81e-02	12.7	12.7	5.7	5.7	22.8	-31.3	107.5	5.2	1.2	0.6
198	ok	0.0	0.5	0.3	12.7	12.7	5.7	5.7	-1472.7	-278.9	815.0	-6.2	4.2	1.9
199	ok	0.0	0.7	6.78e-02	12.7	12.7	5.7	5.7	172.4	-58.7	131.9	4.7	-5.2	-0.7
200	ok	0.0	0.4	3.75e-02	12.7	12.7	5.7	5.7	-107.2	-34.1	155.6	-3.9	-0.6	-1.3
201	ok	0.0	0.4	3.09e-02	12.7	12.7	5.7	5.7	-32.0	-30.3	147.8	-2.0	-0.6	-1.3
241	ok	0.0	0.7	9.37e-02	12.7	12.7	5.7	5.7	257.3	-47.9	347.4	-10.2	-2.1	-1.8
242	ok	0.0	0.9	0.1	12.7	12.7	5.7	5.7	-444.8	62.4	347.9	4.0	1.2	0.7
243	ok	0.0	1.0	8.39e-02	12.7	12.7	5.7	5.7	-39.9	-74.0	465.9	4.3	1.4	0.9
306	ok	0.0	0.7	0.2	12.7	12.7	5.7	5.7	-1091.9	-86.5	-317.5	5.2	-2.7	-1.8
307	ok	0.0	0.6	5.20e-02	12.7	12.7	5.7	5.7	238.8	126.8	79.9	15.8	3.1	-2.5
308	ok	0.0	0.5	5.24e-02	12.7	12.7	5.7	5.7	-236.2	-7.8	181.3	9.3	3.4	-2.4
309	ok	0.0	0.8	0.1	25.4	25.4	5.7	5.7	-184.2	-182.2	257.0	13.7	9.8	0.1
310	ok	0.0	0.9	0.4	25.4	25.4	5.7	5.7	-2550.1	-557.7	676.2	7.7	10.3	3.3
5389	ok	0.0	0.4	5.27e-02	10.1	10.1	5.7	5.7	-157.8	-51.6	191.2	-1.5	-0.1	-2.1
6418	ok	0.0	0.3	4.53e-02	10.1	10.1	5.7	5.7	-261.2	-34.0	79.2	-1.5	1.2	-0.5
10035	ok	0.0	0.6	6.93e-02	20.1	20.1	5.7	5.7	-392.4	-190.1	-149.3	5.6	2.0	1.6
10046	ok	0.0	0.4	4.22e-02	10.1	10.1	5.7	5.7	-86.4	-36.9	-192.9	0.1	-0.4	1.2
13989	ok	0.0	0.7	7.68e-02	20.1	20.1	5.7	5.7	-331.5	-104.3	-126.6	10.4	-3.5	0.3
14047	ok	0.0	0.5	7.71e-02	20.1	20.1	5.7	5.7	-286.8	-346.3	-127.9	18.2	-3.7	-9.7
14071	ok	0.0	1.0	6.96e-02	22.8	20.1	9.7	5.7	-101.4	356.9	558.6	-4.3	-19.2	-4.3
14792	ok	0.0	0.5	3.29e-02	10.1	10.1	5.7	5.7	-9.4	187.3	159.5	1.5	0.4	-1.0
14793	ok	0.0	0.4	2.16e-02	10.1	10.1	5.7	5.7	-11.5	88.4	152.7	0.7	0.2	-0.5
14794	ok	0.0	0.4	2.39e-02	10.1	10.1	5.7	5.7	-10.9	106.6	154.0	1.0	0.3	-0.7
14796	ok	0.0	0.4	2.63e-02	10.1	10.1	5.7	5.7	-10.4	127.9	155.5	1.2	0.4	-0.9
14797	ok	0.0	0.5	2.92e-02	10.1	10.1	5.7	5.7	-10.0	153.9	157.1	1.4	0.4	-1.0
14798	ok	0.0	1.0	5.40e-02	20.1	20.1	5.7	5.7	46.6	399.1	177.6	3.7	-1.7	-0.9
14799	ok	0.0	0.6	3.82e-02	10.1	10.1	5.7	5.7	-15.0	188.7	156.5	1.8	0.5	-1.0
14800	ok	0.0	0.8	4.62e-02	10.1	10.1	5.7	5.7	-3.9	242.0	162.6	2.8	0.7	-1.0
14802	ok	0.0	1.0	5.06e-02	20.3	20.1	5.8	5.7	16.0	385.5	94.2	5.0	-4.0	-0.6
14803	ok	0.0	0.9	4.56e-02	10.1	10.1	5.7	5.7	17.8	319.3	122.1	8.3	2.4	-0.9
14804	ok	0.0	0.8	3.90e-02	10.1	10.1	5.7	5.7	39.5	299.7	144.7	9.2	2.0	-1.8
14805	ok	0.0	0.8	3.97e-02	20.1	20.1	5.7	5.7	257.8	331.6	58.5	8.2	0.3	-3.4
14807	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-723.9	241.9	-139.6	-20.9	-1.9	-3.0
15581	ok	0.0	0.4	7.13e-02	20.1	20.1	5.7	5.7	-286.1	-73.6	272.8	-2.1	1.2	2.6
15582	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-432.5	-270.0	242.0	0.5	2.7	-0.9
15583	ok	0.0	0.4	9.05e-02	20.1	20.1	5.7	5.7	-427.0	-119.2	249.4	0.4	1.1	-1.1
15584	ok	0.0	0.3	8.15e-02	20.1	20.1	5.7	5.7	-295.4	-21.3	212.9	-4.19e-02	-1.3	2.1
15585	ok	0.0	0.3	6.73e-02	20.1	20.1	5.7	5.7	-372.3	-52.5	139.6	-0.8	-2.9	1.8
15586	ok	0.0	0.4	7.20e-02	20.1	20.1	5.7	5.7	-386.4	-81.8	145.0	-0.8	-3.6	1.3
15587	ok	0.0	1.0	0.1	20.1	20.1	6.7	7.3	-466.9	480.3	-130.3	9.4	-2.7	0.7
15602	ok	0.0	0.4	6.08e-02	20.1	20.1	5.7	5.7	-183.4	-50.0	-242.7	-0.8	-1.3	1.8
15603	ok	0.0	0.4	5.55e-02	20.1	20.1	5.7	5.7	-150.7	8.4	261.9	-0.8	-1.5	0.9
15604	ok	0.0	0.4	5.53e-02	20.1	20.1	5.7	5.7	-145.0	4.3	256.0	-0.7	-0.9	0.9
15605	ok	0.0	0.3	5.41e-02	20.1	20.1	5.7	5.7	-113.3	-33.2	264.9	-0.2	-0.6	-1.8
15606	ok	0.0	0.3	5.06e-02	20.1	20.1	5.7	5.7	-88.1	-33.7	-18.7	0.1	3.4	-2.0
15607	ok	0.0	0.3	4.56e-02	20.1	20.1	5.7	5.7	-68.2	-35.1	-34.5	1.7	2.7	-2.0
15732	ok	0.0	0.3	3.87e-02	20.1	20.1	5.7	5.7	-71.8	-36.7	-34.6	1.6	3.6	-1.5
15733	ok	0.0	0.3	3.79e-02	20.1	20.1	5.7	5.7	-34.5	33.9	-42.1	-0.4	-3.4	-0.2
15734	ok	0.0	0.3	3.66e-02	20.1	20.1	5.7	5.7	-33.9	24.4	-42.5	-0.4	-3.4	-0.3
15735	ok	0.0	0.3	3.54e-02	20.1	20.1	5.7	5.7	-33.3	20.8	-39.7	-0.5	-3.4	-0.3
15736	ok	0.0	0.4	3.32e-02	20.1	20.1	5.7	5.7	-16.8	-32.9	-55.3	0.7	3.6	1.5
15737	ok	0.0	0.4	3.55e-02	20.1	20.1	5.7	5.7	5.7	77.7	42.8	-1.1	-5.1	-2.1
15738	ok	0.0	0.8	4.66e-02	20.1	20.1	5.7	5.7	-4.70e-02	261.8	94.4	3.6	-4.9	-1.1
15855	ok	0.0	0.1	0.1	20.1	20.1	5.7	5.7	-381.5	-365.2	315.9	-1.1	-2.9	-0.9
15856	ok	0.0	0.5	9.97e-02	20.1	20.1	5.7	5.7	-262.8	-35.7	94.0	-4.6	-5.5	2.5
15857	ok	0.0	0.5	7.86e-02	20.1	20.1	5.7	5.7	-386.2	-27.8	274.9	2.5	-0.6	-1.8
15858	ok	0.0	0.4	8.19e-02	20.1	20.1	5.7	5.7	-459.8	-43.6	232.1	-4.0	-0.8	-2.1
15859	ok	0.0	0.5	9.17e-02	20.1	20.1	5.7	5.7	-485.8	-16.9	233.2	-3.5	-1.4	-2.1
15860	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-689.6	-55.8	139.4	-8.60e-02	-2.7	-1.3
15861	ok	0.0	1.0	0.2	25.4	26.0	5.7	6.2	-1608.9	-205.9	31.6	23.1	4.4	-4.1
15869	ok	0.0	0.9	5.20e-02	20.1	20.1	5.7	5.7	144.2	312.7	-180.1	-5.7	6.5	-1.0
15870	ok	0.0	0.4	5.04e-02	20.1	20.1	5.7	5.7	-159.1	0.4	233.5	-3.0	0.8	-1.7
15871	ok	0.0	0.3	5.34e-02	20.1	20.1	5.7	5.7	-184.2	-2.3	-241.2	-2.1	-1.1	2.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15872	ok	0.0	0.3	5.38e-02	20.1	20.1	5.7	5.7	-181.4	-16.3	-230.4	-3.8	-5.4	3.0
15873	ok	0.0	0.3	5.43e-02	20.1	20.1	5.7	5.7	-205.1	-71.1	-190.3	-3.8	-10.9	1.8
15874	ok	0.0	0.4	5.73e-02	20.1	20.1	5.7	5.7	-300.2	-220.4	-33.0	8.6	-14.3	-5.0
15939	ok	0.0	0.4	5.23e-02	20.1	20.1	5.7	5.7	-142.4	-232.1	138.1	-0.7	-0.6	5.71e-02
15940	ok	0.0	0.2	3.21e-02	20.1	20.1	5.7	5.7	-115.6	4.1	-124.9	-0.3	-0.9	2.6
15941	ok	0.0	0.2	2.71e-02	20.1	20.1	5.7	5.7	-111.8	12.6	-117.5	1.2	4.1	2.6
15942	ok	0.0	0.3	2.34e-02	20.1	20.1	5.7	5.7	-92.1	42.4	-85.4	2.6	7.9	2.1
15943	ok	0.0	0.7	2.22e-02	20.1	20.1	5.7	5.7	-59.4	130.2	-80.5	3.0	10.9	1.2
15944	ok	0.0	0.8	3.85e-02	20.1	20.1	5.7	5.7	-50.1	-47.5	-88.1	-3.7	-1.8	-4.9
16275	ok	0.0	0.8	9.08e-02	20.1	20.1	5.7	5.7	-255.8	-53.0	398.7	-3.4	1.0	2.9
16277	ok	0.0	0.4	5.29e-02	10.1	10.1	5.7	5.7	-161.1	11.2	186.1	-1.6	-0.9	-3.0
16278	ok	0.0	0.7	6.17e-02	10.1	10.1	5.7	5.7	-262.9	-23.8	-207.2	-10.3	-3.9	-3.2
16279	ok	0.0	0.8	9.49e-02	10.1	10.1	5.7	5.7	-219.9	-75.0	436.6	-10.0	-2.5	3.2
16280	ok	0.0	0.7	8.41e-02	10.1	10.1	5.7	5.7	-84.1	-68.8	444.4	-4.8	-1.0	3.8
16289	ok	0.0	0.4	4.29e-02	20.1	20.1	5.7	5.7	-25.3	-38.8	218.3	3.0	1.2	-2.2
16292	ok	0.0	0.5	4.17e-02	10.1	10.1	5.7	5.7	-53.3	9.0	-215.3	4.2	2.3	-0.9
16293	ok	0.0	0.4	4.26e-02	10.1	10.1	5.7	5.7	-65.3	2.2	-210.3	-8.9	0.9	1.5
16294	ok	0.0	0.4	4.34e-02	10.1	10.1	5.7	5.7	-8.0	-17.3	230.4	1.8	0.5	-1.1
16295	ok	0.0	0.6	0.1	25.4	25.4	5.7	5.7	-164.0	-268.1	-294.6	13.9	4.2	-1.9
16296	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-465.3	-41.1	80.4	-1.3	-2.9	0.3
16297	ok	0.0	0.6	8.73e-02	20.1	20.1	5.7	5.7	-415.9	-15.3	204.2	-3.8	-2.1	-1.7
16298	ok	0.0	0.5	7.60e-02	20.1	20.1	5.7	5.7	-416.8	-34.8	225.4	-4.5	-1.0	-2.0
16299	ok	0.0	0.5	8.31e-02	20.1	20.1	5.7	5.7	-305.6	-53.6	274.2	3.3	0.6	-1.0
16300	ok	0.0	0.4	8.90e-02	20.1	20.1	5.7	5.7	-353.9	-119.3	249.4	-2.9	-0.3	1.1
16301	ok	0.0	0.4	9.57e-02	20.1	20.1	5.7	5.7	-211.6	-180.5	257.1	1.7	-1.0	-1.0
16302	ok	0.0	0.5	6.20e-02	20.1	20.1	5.7	5.7	-77.1	13.3	-291.5	1.6	4.5	0.7
16303	ok	0.0	0.4	5.34e-02	20.1	20.1	5.7	5.7	-102.3	-2.8	238.7	-3.5	-0.9	-2.1
16304	ok	0.0	0.4	5.42e-02	20.1	20.1	5.7	5.7	-90.9	-20.5	245.8	-3.1	-0.4	-2.6
16305	ok	0.0	0.4	5.16e-02	20.1	20.1	5.7	5.7	-139.8	-23.1	-232.8	2.0	-2.6	1.8
16306	ok	0.0	0.5	5.53e-02	20.1	20.1	5.7	5.7	-107.7	-49.0	-183.1	-3.1	-7.2	1.5
16307	ok	0.0	0.5	6.34e-02	20.1	20.1	5.7	5.7	-116.3	-180.5	-208.2	-3.2	-6.3	0.4
16308	ok	0.0	0.7	7.22e-02	20.1	20.1	5.7	5.7	-381.2	-84.4	-168.1	8.2	-3.6	-0.8
16309	ok	0.0	0.5	4.53e-02	20.1	20.1	5.7	5.7	-233.9	122.9	-61.3	3.4	5.7	-5.54e-02
16310	ok	0.0	0.3	2.74e-02	20.1	20.1	5.7	5.7	-107.9	40.2	-80.3	2.8	4.9	1.2
16311	ok	0.0	0.3	2.63e-02	20.1	20.1	5.7	5.7	-79.1	11.7	-116.4	1.5	3.2	1.7
16312	ok	0.0	0.3	2.74e-02	20.1	20.1	5.7	5.7	-17.5	16.6	169.0	0.6	1.3	-1.5
16313	ok	0.0	0.4	3.04e-02	20.1	20.1	5.7	5.7	63.4	-9.4	6.2	-2.1	-2.9	0.7
16314	ok	0.0	0.7	3.35e-02	20.1	20.1	5.7	5.7	171.9	197.1	-101.7	2.9	-0.2	1.4
16315	ok	0.0	0.5	5.34e-02	10.1	10.1	5.7	5.7	-111.3	-85.4	-181.4	2.1	-1.6	2.0
16316	ok	0.0	0.4	4.06e-02	10.1	10.1	5.7	5.7	-118.0	58.1	-157.7	3.3	1.2	1.4
16317	ok	0.0	0.3	3.22e-02	10.1	10.1	5.7	5.7	-101.6	50.5	-125.1	2.7	2.8	1.3
16318	ok	0.0	0.3	2.80e-02	10.1	10.1	5.7	5.7	-64.1	14.6	-124.7	1.6	2.4	1.2
16319	ok	0.0	0.4	2.94e-02	10.1	10.1	5.7	5.7	-7.2	31.6	171.3	-0.9	-1.0	-1.6
16320	ok	0.0	0.4	2.75e-02	10.1	10.1	5.7	5.7	-33.0	50.4	175.0	-0.2	-1.1	-1.7
16321	ok	0.0	0.6	2.75e-02	10.1	10.1	5.7	5.7	3.7	201.9	-202.6	3.8	1.2	0.7
16322	ok	0.0	0.4	4.65e-02	10.1	10.1	5.7	5.7	-82.7	38.4	-170.1	2.3	1.0	1.7
16323	ok	0.0	0.4	3.95e-02	10.1	10.1	5.7	5.7	-85.4	47.7	-165.4	2.8	1.0	1.5
16324	ok	0.0	0.4	3.39e-02	10.1	10.1	5.7	5.7	-59.7	40.6	-125.9	2.3	1.1	1.0
16325	ok	0.0	0.4	3.02e-02	10.1	10.1	5.7	5.7	-55.1	13.2	-150.4	1.5	-0.6	1.1
16326	ok	0.0	0.4	2.91e-02	10.1	10.1	5.7	5.7	-9.4	36.7	161.3	-1.2	-1.2	-1.6
16327	ok	0.0	0.4	2.75e-02	10.1	10.1	5.7	5.7	-28.5	53.8	160.8	-0.4	-0.9	-1.7
16328	ok	0.0	0.5	2.91e-02	10.1	10.1	5.7	5.7	0.8	161.5	-147.6	2.4	0.8	0.1
16329	ok	0.0	0.4	4.30e-02	20.1	20.1	5.7	5.7	-65.5	-18.8	214.1	2.7	1.3	-2.2
16330	ok	0.0	0.4	4.11e-02	20.1	20.1	5.7	5.7	-50.4	-21.3	210.3	1.4	0.9	-2.0
16331	ok	0.0	0.4	3.78e-02	20.1	20.1	5.7	5.7	-8.8	-31.5	210.5	-3.64e-02	1.3	-1.8
16332	ok	0.0	0.4	3.75e-02	20.1	20.1	5.7	5.7	-8.0	-34.7	210.9	-9.18e-02	-0.6	-1.7
16333	ok	0.0	0.5	3.65e-02	20.1	20.1	5.7	5.7	8.2	64.8	215.4	-0.6	-1.0	-1.5
16334	ok	0.0	0.5	3.85e-02	20.1	20.1	5.7	5.7	14.0	100.4	222.8	-0.8	-2.1	-1.4
16335	ok	0.0	0.8	4.73e-02	20.1	20.1	5.7	5.7	26.4	288.2	188.2	3.3	-1.8	-1.1
16336	ok	0.0	0.4	4.11e-02	10.1	10.1	5.7	5.7	-22.3	-27.0	229.9	1.3	0.6	-1.3
16337	ok	0.0	0.4	4.04e-02	10.1	10.1	5.7	5.7	-32.9	23.7	-190.9	0.8	1.0	1.5
16338	ok	0.0	0.4	3.84e-02	10.1	10.1	5.7	5.7	-34.8	30.0	-190.0	0.5	0.9	1.2
16339	ok	0.0	0.5	3.75e-02	10.1	10.1	5.7	5.7	-36.1	36.9	-186.1	4.87e-02	0.8	0.9
16340	ok	0.0	0.5	3.77e-02	10.1	10.1	5.7	5.7	8.6	68.2	221.9	-0.1	-0.6	-1.2
16341	ok	0.0	0.6	3.92e-02	10.1	10.1	5.7	5.7	3.3	103.2	215.3	0.7	-0.4	-1.6
16342	ok	0.0	0.8	4.67e-02	10.1	10.1	5.7	5.7	-12.8	217.4	164.6	2.9	0.7	-1.0
16343	ok	0.0	0.4	3.97e-02	10.1	10.1	5.7	5.7	-39.5	5.5	-200.9	3.6	2.3	1.3
16344	ok	0.0	0.4	3.94e-02	10.1	10.1	5.7	5.7	-44.0	5.7	-203.7	1.5	1.8	0.9
16345	ok	0.0	0.4	3.88e-02	10.1	10.1	5.7	5.7	-44.5	17.0	-199.6	0.3	1.1	1.0
16346	ok	0.0	0.5	3.80e-02	10.1	10.1	5.7	5.7	7.2	42.1	216.3	-0.2	-0.3	-1.6
16347	ok	0.0	0.5	3.81e-02	10.1	10.1	5.7	5.7	8.0	66.9	222.2	-0.3	-0.3	-1.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16348	ok	0.0	0.6	3.85e-02	10.1	10.1	5.7	5.7	-5.6	98.2	198.1	1.1	0.6	-1.3
16349	ok	0.0	0.7	4.31e-02	10.1	10.1	5.7	5.7	-15.6	177.6	155.9	2.1	0.6	-0.9
16350	ok	0.0	0.4	3.90e-02	10.1	10.1	5.7	5.7	-53.5	3.3	-215.4	4.3	2.5	-0.5
16351	ok	0.0	0.4	3.83e-02	10.1	10.1	5.7	5.7	-54.5	4.3	-207.7	1.7	1.7	1.0
16352	ok	0.0	0.4	3.81e-02	10.1	10.1	5.7	5.7	-53.3	-13.3	-201.4	0.2	1.0	1.0
16353	ok	0.0	0.5	3.76e-02	10.1	10.1	5.7	5.7	9.9	45.5	217.2	-0.3	-0.4	-1.5
16354	ok	0.0	0.5	3.80e-02	10.1	10.1	5.7	5.7	4.7	63.4	217.2	-0.4	-0.6	-1.2
16355	ok	0.0	0.5	3.77e-02	10.1	10.1	5.7	5.7	-9.9	89.3	188.1	1.2	0.7	-1.2
16356	ok	0.0	0.6	3.89e-02	10.1	10.1	5.7	5.7	-10.5	176.7	163.2	1.8	0.5	-1.0
16357	ok	0.0	0.4	4.03e-02	10.1	10.1	5.7	5.7	-73.7	3.3	-205.6	0.4	1.7	0.5
16358	ok	0.0	0.4	3.93e-02	10.1	10.1	5.7	5.7	-67.3	7.1	-206.1	1.2	1.3	0.7
16359	ok	0.0	0.4	3.84e-02	10.1	10.1	5.7	5.7	-61.3	-12.4	-200.4	0.3	0.8	1.0
16360	ok	0.0	0.5	3.77e-02	10.1	10.1	5.7	5.7	-5.8	36.3	208.4	-0.2	-0.9	-1.2
16361	ok	0.0	0.5	3.71e-02	10.1	10.1	5.7	5.7	-6.3	57.2	210.2	-0.5	-0.9	-1.1
16362	ok	0.0	0.5	3.65e-02	10.1	10.1	5.7	5.7	-12.0	78.3	179.7	1.1	0.6	-1.1
16363	ok	0.0	0.5	3.52e-02	10.1	10.1	5.7	5.7	-10.7	146.3	159.7	1.7	0.5	-0.9
16364	ok	0.0	0.4	4.08e-02	10.1	10.1	5.7	5.7	-76.2	-4.9	-204.7	0.2	0.5	0.7
16365	ok	0.0	0.4	3.94e-02	10.1	10.1	5.7	5.7	-72.8	-5.7	-203.1	0.3	0.6	0.7
16366	ok	0.0	0.4	3.84e-02	10.1	10.1	5.7	5.7	-10.5	17.9	182.8	-0.5	-0.8	-1.2
16367	ok	0.0	0.4	3.74e-02	10.1	10.1	5.7	5.7	-7.7	38.2	209.3	-0.6	-1.1	-1.2
16368	ok	0.0	0.5	3.63e-02	10.1	10.1	5.7	5.7	-7.9	59.2	211.2	-0.5	-1.0	-1.1
16369	ok	0.0	0.5	3.45e-02	10.1	10.1	5.7	5.7	-10.6	80.7	179.2	1.0	0.5	-1.1
16370	ok	0.0	0.5	3.21e-02	10.1	10.1	5.7	5.7	-11.0	121.7	157.3	1.6	0.5	-0.9
16371	ok	0.0	0.4	4.13e-02	10.1	10.1	5.7	5.7	-78.7	-20.5	-202.3	-0.2	-6.46e-02	1.0
16372	ok	0.0	0.4	3.95e-02	10.1	10.1	5.7	5.7	-74.9	-9.0	-197.8	-0.1	-9.62e-02	1.0
16373	ok	0.0	0.4	3.78e-02	10.1	10.1	5.7	5.7	-48.3	18.6	184.4	-0.7	-0.8	-1.6
16374	ok	0.0	0.4	3.67e-02	10.1	10.1	5.7	5.7	-51.8	32.5	185.5	-0.8	-0.8	-1.6
16375	ok	0.0	0.4	3.51e-02	10.1	10.1	5.7	5.7	-45.6	48.6	181.9	-0.9	-0.9	-1.1
16376	ok	0.0	0.4	3.29e-02	10.1	10.1	5.7	5.7	-11.4	69.7	172.8	0.9	0.4	-1.0
16377	ok	0.0	0.5	2.95e-02	10.1	10.1	5.7	5.7	-11.4	101.5	155.1	1.3	0.4	-0.9
16378	ok	0.0	0.4	4.15e-02	10.1	10.1	5.7	5.7	-81.1	-26.8	-197.5	-7.13e-02	-0.4	1.0
16379	ok	0.0	0.4	3.95e-02	10.1	10.1	5.7	5.7	-64.4	-13.9	-187.5	-7.06e-02	-0.5	1.1
16380	ok	0.0	0.4	3.73e-02	10.1	10.1	5.7	5.7	-49.1	18.4	178.9	-0.8	-0.6	-1.6
16381	ok	0.0	0.4	3.58e-02	10.1	10.1	5.7	5.7	-51.9	30.7	179.9	-0.9	-0.7	-1.6
16382	ok	0.0	0.4	3.38e-02	10.1	10.1	5.7	5.7	-43.5	38.8	167.8	-1.0	-0.3	-1.5
16383	ok	0.0	0.4	3.13e-02	10.1	10.1	5.7	5.7	-36.9	47.2	160.7	-1.2	-0.3	-1.5
16384	ok	0.0	0.4	2.71e-02	10.1	10.1	5.7	5.7	-11.8	84.1	153.0	1.1	0.3	-0.7
16385	ok	0.0	0.4	4.28e-02	10.1	10.1	5.7	5.7	-80.2	-40.8	-194.2	1.5	-0.3	1.9
16386	ok	0.0	0.4	3.99e-02	10.1	10.1	5.7	5.7	-83.9	-16.3	-192.8	1.7	-0.5	1.7
16387	ok	0.0	0.4	3.56e-02	10.1	10.1	5.7	5.7	-69.1	1.7	-178.1	1.6	-0.6	1.4
16388	ok	0.0	0.4	3.26e-02	10.1	10.1	5.7	5.7	-42.3	29.6	171.2	-1.0	0.5	-1.4
16389	ok	0.0	0.4	3.02e-02	10.1	10.1	5.7	5.7	-39.0	38.9	169.9	-1.2	-1.0	-1.5
16390	ok	0.0	0.4	2.82e-02	10.1	10.1	5.7	5.7	-31.6	53.5	166.7	-1.2	-0.8	-1.6
16391	ok	0.0	0.4	2.84e-02	10.1	10.1	5.7	5.7	-10.0	122.4	-135.3	0.6	0.3	-0.3
16392	ok	0.0	0.4	4.21e-02	10.1	10.1	5.7	5.7	-68.7	-32.5	-209.5	1.2	-9.81e-02	1.7
16393	ok	0.0	0.4	3.91e-02	10.1	10.1	5.7	5.7	-64.9	-15.0	-200.4	1.3	-0.3	1.6
16394	ok	0.0	0.4	3.60e-02	10.1	10.1	5.7	5.7	-55.0	-0.2	-190.2	1.2	-0.3	1.4
16395	ok	0.0	0.4	3.34e-02	10.1	10.1	5.7	5.7	-50.1	30.6	169.7	-1.1	-9.57e-02	-1.5
16396	ok	0.0	0.4	3.11e-02	10.1	10.1	5.7	5.7	-42.3	36.3	176.4	-1.2	-0.8	-1.5
16397	ok	0.0	0.4	2.92e-02	10.1	10.1	5.7	5.7	-34.6	46.0	170.6	-1.2	-0.6	-1.5
16398	ok	0.0	0.4	2.73e-02	10.1	10.1	5.7	5.7	-20.6	65.3	148.2	-2.5	-0.5	-0.9
16399	ok	0.0	0.4	4.17e-02	10.1	10.1	5.7	5.7	-83.3	-34.5	-192.1	0.1	-0.4	1.1
16400	ok	0.0	0.4	3.93e-02	10.1	10.1	5.7	5.7	-78.4	-19.4	-186.1	9.64e-02	-0.5	1.1
16401	ok	0.0	0.4	3.68e-02	10.1	10.1	5.7	5.7	-59.5	24.3	168.5	-1.1	-2.89e-02	-1.6
16402	ok	0.0	0.4	3.45e-02	10.1	10.1	5.7	5.7	-50.4	29.9	165.4	-1.1	-0.2	-1.6
16403	ok	0.0	0.4	3.25e-02	10.1	10.1	5.7	5.7	-17.8	34.4	181.6	-1.1	-0.3	-1.5
16404	ok	0.0	0.4	3.00e-02	10.1	10.1	5.7	5.7	-19.2	41.7	174.9	-1.2	-0.4	-1.5
16405	ok	0.0	0.4	2.53e-02	10.1	10.1	5.7	5.7	-12.0	69.1	150.7	1.0	0.2	-0.8
16406	ok	0.0	1.0	0.1	20.4	21.4	10.8	8.6	471.3	551.1	369.2	-10.9	-2.8	-4.6
16407	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-886.5	-168.5	-246.2	1.6	-1.2	-1.7
16408	ok	0.0	0.1	5.53e-02	20.1	20.1	5.7	5.7	-253.5	6.1	8.1	0.1	3.93e-02	-1.8
16409	ok	0.0	0.1	5.41e-02	20.1	20.1	5.7	5.7	-288.4	-15.2	16.0	0.6	0.4	-0.7
16410	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-394.9	-43.3	17.1	0.5	-9.85e-02	-2.6
16411	ok	0.0	0.9	0.2	20.1	20.1	5.7	5.7	-1239.9	-600.0	390.1	-1.6	0.3	1.2
16412	ok	0.0	0.8	9.80e-02	20.1	20.1	5.7	5.7	-255.9	-119.0	402.9	-3.8	1.3	2.7
16413	ok	0.0	1.0	0.1	14.5	13.7	7.4	6.7	-106.8	-313.2	-243.5	3.4	1.2	4.8
16418	ok	0.0	1.0	8.89e-02	10.6	11.1	6.2	6.7	4.7	-378.8	305.8	-1.7	-2.6	1.1
16419	ok	0.0	0.9	9.64e-02	10.1	10.1	5.7	5.7	-93.2	-186.5	453.3	-5.1	-1.3	2.6
16420	ok	0.0	0.8	0.2	12.7	12.7	5.7	5.7	-652.6	-932.5	461.5	4.0	3.0	0.2
16421	ok	0.0	1.0	0.1	11.5	10.9	7.1	6.5	623.9	191.4	-291.8	-4.4	-0.6	-0.6
16422	ok	0.0	0.4	4.32e-02	10.1	10.1	5.7	5.7	-91.3	2.4	61.3	-2.1	-0.2	-1.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16423	ok	0.0	0.4	4.76e-02	10.1	10.1	5.7	5.7	-68.4	4.7	60.4	-2.6	-0.4	-1.7
16424	ok	0.0	1.0	0.1	11.5	10.8	7.1	6.4	-532.0	88.0	246.8	-0.3	0.5	-2.0
16425	ok	0.0	1.0	0.1	16.3	14.5	10.8	9.7	937.1	456.1	300.5	-1.9	-2.1	-3.3
16426	ok	0.0	0.8	9.45e-02	10.1	10.1	5.7	5.7	-181.7	-129.8	429.4	-8.9	-3.5	2.1
16427	ok	0.0	0.7	9.61e-02	12.7	12.7	5.7	5.7	-193.1	-358.9	304.4	-3.9	-1.3	-1.6
16428	ok	0.0	0.6	8.17e-02	10.1	10.1	5.7	5.7	-192.7	-204.4	307.0	-4.4	-1.2	-1.7
16429	ok	0.0	0.5	6.29e-02	10.1	10.1	5.7	5.7	-206.6	28.6	280.6	-3.2	-0.9	-2.0
16430	ok	0.0	0.6	6.08e-02	10.1	10.1	5.7	5.7	-92.1	11.2	243.9	-2.7	-1.0	-2.4
16431	ok	0.0	0.7	6.15e-02	10.1	10.1	5.7	5.7	-217.5	120.3	268.7	-2.3	-1.3	-2.7
16432	ok	0.0	0.9	7.37e-02	10.1	10.1	5.7	5.7	-200.3	182.7	246.3	-1.6	-1.8	-2.7
16433	ok	0.0	0.6	6.07e-02	10.1	10.1	5.7	5.7	-257.8	-100.9	-184.3	-7.6	-1.7	0.7
16434	ok	0.0	0.7	7.57e-02	12.7	12.7	5.7	5.7	-50.9	-296.0	263.3	-3.5	-1.2	-1.6
16435	ok	0.0	0.6	7.07e-02	10.1	10.1	5.7	5.7	-93.6	26.2	259.1	-3.8	-1.2	-1.7
16436	ok	0.0	0.6	6.00e-02	10.1	10.1	5.7	5.7	-117.1	9.0	300.4	-3.0	-1.2	-1.9
16437	ok	0.0	0.6	5.92e-02	10.1	10.1	5.7	5.7	-128.5	28.0	308.7	-2.4	-1.2	-2.2
16438	ok	0.0	0.7	5.59e-02	10.1	10.1	5.7	5.7	-143.2	98.4	272.5	-2.0	-1.1	-2.5
16439	ok	0.0	0.7	5.92e-02	10.1	10.1	5.7	5.7	-154.8	154.9	248.7	-1.2	-1.3	-2.4
16440	ok	0.0	0.4	4.41e-02	10.1	10.1	5.7	5.7	-164.1	47.8	185.1	-2.0	-1.0	-2.4
16441	ok	0.0	0.6	6.05e-02	12.7	12.7	5.7	5.7	-147.9	-157.5	155.8	-4.3	-1.4	-1.4
16442	ok	0.0	0.6	7.02e-02	10.1	10.1	5.7	5.7	-151.7	-165.7	235.0	-3.2	-1.0	-1.5
16443	ok	0.0	0.5	6.26e-02	10.1	10.1	5.7	5.7	-170.6	-2.1	287.2	-2.7	-1.2	-1.8
16444	ok	0.0	0.6	6.33e-02	10.1	10.1	5.7	5.7	-158.0	22.4	314.2	-2.0	-1.1	-2.1
16445	ok	0.0	0.7	5.76e-02	10.1	10.1	5.7	5.7	-145.5	84.5	301.6	-1.8	-1.0	-2.3
16446	ok	0.0	0.6	5.38e-02	10.1	10.1	5.7	5.7	-133.1	102.2	261.9	-1.1	-0.9	-2.4
16447	ok	0.0	0.4	4.47e-02	10.1	10.1	5.7	5.7	-135.6	38.6	194.8	-1.1	-0.8	-2.6
16448	ok	0.0	0.5	9.81e-02	12.7	12.7	5.7	5.7	-319.1	33.3	111.2	-2.7	-0.2	0.3
16449	ok	0.0	0.5	6.37e-02	10.1	10.1	5.7	5.7	-325.7	6.8	161.0	-3.3	-1.7	0.4
16450	ok	0.0	0.5	6.87e-02	10.1	10.1	5.7	5.7	-187.6	16.9	316.6	-1.4	-0.8	-2.0
16451	ok	0.0	0.6	6.98e-02	10.1	10.1	5.7	5.7	-180.3	22.5	325.1	-1.7	-0.9	-2.1
16452	ok	0.0	0.6	6.12e-02	10.1	10.1	5.7	5.7	-154.6	59.1	314.9	-1.5	-0.8	-2.3
16453	ok	0.0	0.6	5.45e-02	10.1	10.1	5.7	5.7	-134.9	69.5	240.9	-1.0	-0.6	-2.4
16454	ok	0.0	0.4	4.85e-02	10.1	10.1	5.7	5.7	-126.4	31.1	216.5	-1.4	-0.6	-2.5
16455	ok	0.0	0.9	0.1	12.7	12.7	5.7	5.7	-737.1	141.6	245.5	-6.5	-2.6	-2.9
16456	ok	0.0	0.5	9.25e-02	10.1	10.1	5.7	5.7	-282.7	63.0	321.7	-1.3	-1.1	-1.3
16457	ok	0.0	0.5	7.72e-02	10.1	10.1	5.7	5.7	-208.2	13.4	341.4	-1.1	-0.6	-2.0
16458	ok	0.0	0.6	7.33e-02	10.1	10.1	5.7	5.7	-185.8	15.0	337.6	-1.3	-0.7	-2.1
16459	ok	0.0	0.6	7.00e-02	10.1	10.1	5.7	5.7	-158.7	33.6	325.7	-0.9	-0.6	-2.4
16460	ok	0.0	0.6	5.89e-02	10.1	10.1	5.7	5.7	-136.4	37.7	265.5	-0.7	-0.5	-2.5
16461	ok	0.0	0.4	5.27e-02	10.1	10.1	5.7	5.7	-157.8	-40.8	201.0	-1.5	-7.32e-02	-2.3
16462	ok	0.0	0.7	0.1	12.7	12.7	5.7	5.7	-377.2	-80.6	588.3	-3.3	-1.7	0.6
16463	ok	0.0	0.6	9.34e-02	10.1	10.1	5.7	5.7	-327.4	-17.0	362.1	-1.2	-0.4	5.99e-02
16464	ok	0.0	0.5	8.18e-02	10.1	10.1	5.7	5.7	-246.2	-52.5	316.6	0.3	0.8	0.6
16465	ok	0.0	0.5	7.58e-02	10.1	10.1	5.7	5.7	-164.3	-44.4	350.1	-0.6	0.5	-2.2
16466	ok	0.0	0.5	7.18e-02	10.1	10.1	5.7	5.7	-154.1	-60.9	335.6	0.3	0.9	-2.5
16467	ok	0.0	0.5	6.29e-02	10.1	10.1	5.7	5.7	-175.9	-44.1	231.0	-1.2	0.7	-2.3
16468	ok	0.0	0.4	5.64e-02	10.1	10.1	5.7	5.7	-158.7	-48.9	198.4	-1.6	-0.1	-2.1
16469	ok	0.0	0.6	7.92e-02	12.7	12.7	5.7	5.7	-138.5	-73.6	391.9	-0.9	0.9	0.2
16470	ok	0.0	0.6	8.12e-02	10.1	10.1	5.7	5.7	-147.2	-107.0	367.7	-0.7	1.0	-3.56e-02
16471	ok	0.0	0.5	7.61e-02	10.1	10.1	5.7	5.7	-190.0	-102.6	313.5	0.4	2.4	0.6
16472	ok	0.0	0.5	7.69e-02	10.1	10.1	5.7	5.7	-180.8	-77.2	291.8	2.5	3.3	0.7
16473	ok	0.0	0.5	7.39e-02	10.1	10.1	5.7	5.7	-199.3	-71.3	281.6	2.0	2.2	-1.9
16474	ok	0.0	0.5	6.65e-02	10.1	10.1	5.7	5.7	-191.9	-66.8	255.6	0.8	1.3	-2.2
16475	ok	0.0	0.4	5.95e-02	10.1	10.1	5.7	5.7	-180.1	-68.7	222.3	-1.3	0.8	-2.2
16476	ok	0.0	0.6	6.59e-02	12.7	12.7	5.7	5.7	39.4	-88.8	363.3	3.8	1.1	-1.0
16477	ok	0.0	0.6	7.37e-02	10.1	10.1	5.7	5.7	-83.0	-143.5	316.1	1.1	1.3	-2.0
16478	ok	0.0	0.5	7.25e-02	10.1	10.1	5.7	5.7	-140.2	-123.0	290.6	-1.1	1.8	-2.5
16479	ok	0.0	0.6	7.70e-02	10.1	10.1	5.7	5.7	-171.1	-66.2	277.4	7.0	3.6	0.7
16480	ok	0.0	0.5	7.47e-02	10.1	10.1	5.7	5.7	-207.1	-85.0	283.7	2.9	2.6	-2.3
16481	ok	0.0	0.4	6.96e-02	10.1	10.1	5.7	5.7	-194.0	-83.6	255.2	-1.0	1.6	-1.9
16482	ok	0.0	0.4	6.19e-02	10.1	10.1	5.7	5.7	-184.4	-81.4	218.3	-1.4	0.7	-1.9
16483	ok	0.0	0.6	5.99e-02	12.7	12.7	5.7	5.7	58.8	-130.1	323.2	5.5	2.0	-1.2
16484	ok	0.0	0.6	6.87e-02	10.1	10.1	5.7	5.7	0.8	-162.6	-217.9	2.2	1.7	-2.1
16485	ok	0.0	0.5	6.90e-02	10.1	10.1	5.7	5.7	-150.1	-125.5	262.7	-0.7	1.7	-2.7
16486	ok	0.0	0.5	6.65e-02	10.1	10.1	5.7	5.7	-214.0	-63.1	261.9	6.6	3.3	-0.2
16487	ok	0.0	0.5	6.89e-02	10.1	10.1	5.7	5.7	-215.5	-83.0	272.3	3.1	2.5	1.3
16488	ok	0.0	0.4	7.14e-02	10.1	10.1	5.7	5.7	-218.4	-102.3	261.5	-1.1	1.5	-1.6
16489	ok	0.0	0.4	6.51e-02	10.1	10.1	5.7	5.7	-199.6	-104.3	219.4	-1.3	0.6	-1.6
16490	ok	0.0	0.4	7.81e-02	10.1	10.1	5.7	5.7	-243.7	-148.2	240.1	-1.1	0.7	-1.2
16491	ok	0.0	0.4	7.91e-02	10.1	10.1	5.7	5.7	-242.4	-99.0	313.9	-1.4	1.7	-1.3
16492	ok	0.0	0.5	7.39e-02	10.1	10.1	5.7	5.7	-263.0	-59.2	268.3	3.2	1.3	-0.9
16493	ok	0.0	0.5	7.01e-02	10.1	10.1	5.7	5.7	-226.0	-45.1	-251.7	-4.5	-0.5	-1.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16494	ok	0.0	0.6	7.03e-02	10.1	10.1	5.7	5.7	-212.2	-71.7	-269.3	-3.3	-1.1	-1.6
16495	ok	0.0	0.6	7.60e-02	10.1	10.1	5.7	5.7	-74.4	-167.1	-254.2	2.6	1.8	-2.4
16496	ok	0.0	0.7	7.19e-02	12.7	12.7	5.7	5.7	-8.0	-213.8	-275.3	8.4	3.3	-1.9
16497	ok	0.0	0.7	7.22e-02	20.1	20.1	5.7	5.7	-202.9	-35.0	320.2	-1.7	-0.8	1.8
16498	ok	0.0	0.6	6.13e-02	20.1	20.1	5.7	5.7	-121.7	7.3	268.8	-0.5	-0.9	0.8
16499	ok	0.0	0.5	5.46e-02	20.1	20.1	5.7	5.7	-37.8	-29.5	287.4	-0.1	-0.5	-1.8
16500	ok	0.0	0.5	5.36e-02	20.1	20.1	5.7	5.7	-36.7	-40.0	278.5	-0.2	-0.4	-1.9
16501	ok	0.0	0.4	5.24e-02	20.1	20.1	5.7	5.7	-65.3	-41.2	243.5	0.3	-0.5	-1.9
16502	ok	0.0	0.4	4.74e-02	20.1	20.1	5.7	5.7	-42.9	-31.1	221.1	4.2	0.4	-1.8
16503	ok	0.0	0.7	6.39e-02	10.1	10.1	5.7	5.7	-87.8	-11.1	328.1	3.1	-0.1	1.9
16504	ok	0.0	0.6	5.89e-02	10.1	10.1	5.7	5.7	-85.9	-53.1	-254.4	1.3	0.8	1.5
16505	ok	0.0	0.5	5.69e-02	10.1	10.1	5.7	5.7	-47.1	-20.3	304.4	-0.1	-0.4	-1.9
16506	ok	0.0	0.5	5.31e-02	10.1	10.1	5.7	5.7	-45.0	-28.6	283.4	-0.3	-0.5	-1.9
16507	ok	0.0	0.5	5.23e-02	10.1	10.1	5.7	5.7	-35.3	-24.2	252.4	0.8	-1.2	-2.1
16508	ok	0.0	0.4	4.57e-02	10.1	10.1	5.7	5.7	-38.0	-23.9	249.9	-0.3	-1.3	-1.1
16509	ok	0.0	0.4	4.46e-02	10.1	10.1	5.7	5.7	-63.8	-1.4	-215.2	-7.5	0.8	1.3
16510	ok	0.0	0.5	5.24e-02	10.1	10.1	5.7	5.7	-20.1	-29.2	252.7	1.1	-1.2	-1.9
16511	ok	0.0	0.5	5.54e-02	10.1	10.1	5.7	5.7	-78.3	-20.5	272.9	-0.2	-0.8	-1.9
16512	ok	0.0	0.5	5.98e-02	10.1	10.1	5.7	5.7	-87.3	-22.0	286.1	-0.3	-0.3	-1.9
16513	ok	0.0	0.5	6.39e-02	10.1	10.1	5.7	5.7	-81.5	-28.4	310.2	1.0	0.2	-1.8
16514	ok	0.0	0.6	7.12e-02	10.1	10.1	5.7	5.7	-91.2	-29.8	336.6	1.6	0.5	-1.7
16515	ok	0.0	0.5	4.35e-02	10.1	10.1	5.7	5.7	-86.1	-0.9	-223.4	-3.7	0.7	0.9
16516	ok	0.0	0.4	5.20e-02	10.1	10.1	5.7	5.7	-71.3	-35.3	-215.0	-1.8	0.5	1.9
16517	ok	0.0	0.4	5.47e-02	10.1	10.1	5.7	5.7	-78.3	-17.3	252.9	-7.90e-03	-0.9	-1.9
16518	ok	0.0	0.5	5.69e-02	10.1	10.1	5.7	5.7	-85.8	-19.7	257.4	0.3	-0.5	-1.8
16519	ok	0.0	0.5	6.01e-02	10.1	10.1	5.7	5.7	-126.3	-27.0	252.8	0.4	-0.3	-1.6
16520	ok	0.0	0.5	6.31e-02	10.1	10.1	5.7	5.7	-106.6	-25.2	288.7	1.8	0.3	-1.6
16521	ok	0.0	0.4	4.36e-02	10.1	10.1	5.7	5.7	-4.2	-18.1	231.2	-1.7	-1.1	-2.1
16522	ok	0.0	0.4	5.01e-02	10.1	10.1	5.7	5.7	-0.4	-12.5	232.5	-1.4	-1.2	-1.8
16523	ok	0.0	0.4	5.15e-02	10.1	10.1	5.7	5.7	-88.2	-17.2	238.6	0.2	-0.8	-1.9
16524	ok	0.0	0.4	5.29e-02	10.1	10.1	5.7	5.7	-97.8	-21.0	237.6	0.4	-0.6	-1.8
16525	ok	0.0	0.4	5.31e-02	10.1	10.1	5.7	5.7	-130.4	-26.0	246.9	0.4	-0.8	-1.6
16526	ok	0.0	0.4	5.18e-02	10.1	10.1	5.7	5.7	-144.4	-19.3	221.3	1.3	-1.0	-2.4
16527	ok	0.0	0.5	6.08e-02	10.1	10.1	5.7	5.7	-200.6	-71.0	188.4	-1.8	-0.3	-1.7
16528	ok	0.0	0.4	5.69e-02	10.1	10.1	5.7	5.7	-211.0	-40.5	204.7	-2.8	-1.2	-2.4
16529	ok	0.0	0.4	5.15e-02	10.1	10.1	5.7	5.7	-150.4	-23.0	212.9	5.4	1.4	-2.5
16530	ok	0.0	0.4	5.08e-02	10.1	10.1	5.7	5.7	-143.7	-23.6	218.5	3.7	1.4	-0.3
16531	ok	0.0	0.4	5.59e-02	10.1	10.1	5.7	5.7	-123.2	-61.0	-183.9	-2.3	-1.6	1.8
16532	ok	0.0	0.5	6.27e-02	10.1	10.1	5.7	5.7	-97.7	-142.8	-207.2	-2.9	-2.7	2.2
16533	ok	0.0	0.4	5.66e-02	10.1	10.1	5.7	5.7	-207.6	-69.7	203.2	-2.2	-0.2	-1.9
16534	ok	0.0	0.4	5.50e-02	10.1	10.1	5.7	5.7	-184.3	-46.7	190.4	-3.2	-0.5	-1.9
16535	ok	0.0	0.5	5.37e-02	10.1	10.1	5.7	5.7	-150.8	-30.0	200.0	8.9	2.7	-1.1
16536	ok	0.0	0.4	5.18e-02	10.1	10.1	5.7	5.7	-133.4	-35.0	197.7	4.9	3.5	0.4
16537	ok	0.0	0.4	5.25e-02	10.1	10.1	5.7	5.7	-108.2	-39.1	220.3	1.2	2.0	-1.6
16538	ok	0.0	0.4	5.30e-02	10.1	10.1	5.7	5.7	-76.7	-80.9	-249.6	-1.6	-0.7	2.3
16539	ok	0.0	0.4	5.46e-02	10.1	10.1	5.7	5.7	-187.0	-60.7	192.2	-1.8	0.3	-2.0
16540	ok	0.0	0.4	5.41e-02	10.1	10.1	5.7	5.7	-184.9	-46.8	198.3	-3.1	8.79e-02	-1.8
16541	ok	0.0	0.5	5.71e-02	10.1	10.1	5.7	5.7	-93.3	-39.3	203.2	13.3	4.6	2.2
16542	ok	0.0	0.4	5.04e-02	10.1	10.1	5.7	5.7	-124.5	-42.6	198.6	4.9	2.9	-2.6
16543	ok	0.0	0.4	4.79e-02	10.1	10.1	5.7	5.7	-111.2	-41.6	196.8	0.2	1.9	-2.0
16544	ok	0.0	0.4	4.86e-02	10.1	10.1	5.7	5.7	-75.2	-57.1	-235.0	-1.0	-0.1	2.1
16545	ok	0.0	0.4	5.28e-02	10.1	10.1	5.7	5.7	-166.0	-56.9	195.1	-1.7	0.8	-1.9
16546	ok	0.0	0.4	5.12e-02	10.1	10.1	5.7	5.7	-154.8	-50.8	192.0	-1.6	1.3	0.5
16547	ok	0.0	0.4	4.92e-02	10.1	10.1	5.7	5.7	-126.2	-42.8	182.9	3.2	2.0	0.3
16548	ok	0.0	0.4	4.86e-02	10.1	10.1	5.7	5.7	-122.0	-37.0	197.1	3.2	1.4	-1.5
16549	ok	0.0	0.4	4.67e-02	10.1	10.1	5.7	5.7	-103.4	-8.0	230.3	1.0	1.2	-2.6
16550	ok	0.0	0.4	4.39e-02	10.1	10.1	5.7	5.7	-94.1	8.6	213.5	-1.1	0.8	-2.0
16551	ok	0.0	0.4	5.03e-02	10.1	10.1	5.7	5.7	-148.6	-53.0	179.8	-1.4	-0.2	-1.8
16552	ok	0.0	0.4	4.84e-02	10.1	10.1	5.7	5.7	-117.4	-20.9	225.1	-0.4	0.9	-1.7
16553	ok	0.0	0.4	4.74e-02	10.1	10.1	5.7	5.7	-113.6	-19.9	222.1	0.4	0.6	-1.8
16554	ok	0.0	0.4	4.66e-02	10.1	10.1	5.7	5.7	-105.7	-13.4	223.3	0.8	0.6	-2.1
16555	ok	0.0	0.4	4.60e-02	10.1	10.1	5.7	5.7	-102.8	-6.6	220.0	0.8	0.7	-2.3
16556	ok	0.0	0.4	4.32e-02	10.1	10.1	5.7	5.7	-90.8	9.8	213.4	-0.7	0.6	-2.1
16557	ok	0.0	0.4	4.84e-02	10.1	10.1	5.7	5.7	-127.9	-9.8	211.2	-0.2	-0.7	-2.2
16558	ok	0.0	0.4	4.90e-02	10.1	10.1	5.7	5.7	-123.8	-25.0	220.8	0.4	-0.8	-1.9
16559	ok	0.0	0.4	4.92e-02	10.1	10.1	5.7	5.7	-103.6	-21.4	236.5	0.3	-0.8	-1.9
16560	ok	0.0	0.4	4.89e-02	10.1	10.1	5.7	5.7	-94.7	-18.5	236.1	0.2	-0.9	-1.9
16561	ok	0.0	0.4	4.83e-02	10.1	10.1	5.7	5.7	-98.3	-17.9	239.0	-2.73e-02	-1.0	-2.0
16562	ok	0.0	0.4	4.59e-02	10.1	10.1	5.7	5.7	-86.3	-17.7	230.8	-1.1	-0.9	-2.1
16563	ok	0.0	0.4	4.65e-02	10.1	10.1	5.7	5.7	-118.3	-17.8	208.4	-0.7	-0.5	-2.2
16564	ok	0.0	0.4	4.74e-02	10.1	10.1	5.7	5.7	-117.1	-26.1	213.2	-0.4	-0.5	-2.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16565	ok	0.0	0.4	4.72e-02	10.1	10.1	5.7	5.7	-106.3	-22.3	225.6	0.2	-0.6	-2.0
16566	ok	0.0	0.4	4.71e-02	10.1	10.1	5.7	5.7	-98.6	-17.6	226.5	0.2	-0.6	-2.0
16567	ok	0.0	0.4	4.69e-02	10.1	10.1	5.7	5.7	-100.4	-15.2	229.8	0.1	-0.6	-2.1
16568	ok	0.0	0.4	4.43e-02	10.1	10.1	5.7	5.7	-89.1	-7.2	223.8	-0.6	-0.5	-2.1
16569	ok	0.0	0.4	4.78e-02	10.1	10.1	5.7	5.7	-133.4	-46.5	174.7	-1.2	-0.2	-1.8
16570	ok	0.0	0.4	4.71e-02	10.1	10.1	5.7	5.7	-115.6	-25.5	216.1	-0.3	-0.4	-2.0
16571	ok	0.0	0.4	4.67e-02	10.1	10.1	5.7	5.7	-108.3	-22.6	221.2	0.2	-0.4	-1.9
16572	ok	0.0	0.4	4.63e-02	10.1	10.1	5.7	5.7	-101.8	-16.9	221.5	0.4	-0.4	-2.0
16573	ok	0.0	0.4	4.60e-02	10.1	10.1	5.7	5.7	-101.8	-12.5	224.6	0.3	-0.3	-2.2
16574	ok	0.0	0.4	4.32e-02	10.1	10.1	5.7	5.7	-89.8	3.7	214.8	-0.5	0.2	-2.2
16598	ok	0.0	0.5	7.66e-02	10.1	10.1	5.7	5.7	-329.6	-196.0	201.6	0.4	1.3	2.2
16599	ok	0.0	0.4	6.77e-02	10.1	10.1	5.7	5.7	-345.8	-61.3	120.6	-1.8	0.4	2.6
16600	ok	0.0	0.3	6.24e-02	20.1	20.1	5.7	5.7	-327.2	7.9	37.0	-3.1	-9.64e-02	2.5
16601	ok	0.0	0.3	5.48e-02	10.1	10.1	5.7	5.7	-290.1	-85.8	96.0	-1.4	1.6	-0.4
16602	ok	0.0	0.2	5.05e-02	10.1	10.1	5.7	5.7	-286.7	-53.5	92.9	-2.3	0.9	-0.4
16603	ok	0.0	0.2	4.82e-02	20.1	20.1	5.7	5.7	-289.0	-29.7	10.8	-3.6	0.9	1.6
16604	ok	0.0	0.3	5.03e-02	10.1	10.1	5.7	5.7	-283.7	-55.9	94.4	-1.5	1.5	-0.5
16605	ok	0.0	0.2	4.40e-02	10.1	10.1	5.7	5.7	-258.9	-32.4	66.5	-2.4	0.9	-0.5
16606	ok	0.0	0.3	4.48e-02	20.1	20.1	5.7	5.7	-195.3	-18.1	32.5	-2.5	0.6	-0.6
16607	ok	0.0	0.2	1.79e-02	10.1	10.1	5.7	5.7	-97.4	-46.3	-29.8	0.3	4.2	-2.2
16608	ok	0.0	0.2	2.09e-02	10.1	10.1	5.7	5.7	-94.5	-59.7	-22.1	1.1	2.4	-1.8
16609	ok	0.0	0.2	3.28e-02	20.1	20.1	5.7	5.7	-140.7	-78.6	-14.1	-1.4	-1.7	-1.5
16610	ok	0.0	0.2	1.69e-02	10.1	10.1	5.7	5.7	-82.4	-43.0	-21.5	0.6	3.9	-2.1
16611	ok	0.0	0.2	1.89e-02	10.1	10.1	5.7	5.7	-95.3	-58.8	-10.2	-1.1	2.8	-1.3
16612	ok	0.0	0.8	6.88e-02	20.1	20.1	5.7	5.7	-121.3	61.0	-7.2	-5.3	-1.0	1.6
16613	ok	0.0	0.3	2.06e-02	10.1	10.1	5.7	5.7	-31.0	-67.6	-61.8	0.7	5.0	1.8
16614	ok	0.0	0.2	1.57e-02	10.1	10.1	5.7	5.7	-7.1	-38.8	40.8	2.7	1.1	-1.7
16615	ok	0.0	0.2	2.01e-02	20.1	20.1	5.7	5.7	-79.4	-16.3	18.1	4.8	0.9	-1.3
16616	ok	0.0	0.2	2.30e-02	10.1	10.1	5.7	5.7	-101.6	-30.9	-29.0	0.3	3.1	-2.3
16617	ok	0.0	0.2	2.28e-02	10.1	10.1	5.7	5.7	-102.3	-25.4	-33.9	0.7	1.9	-2.1
16618	ok	0.0	0.1	2.30e-02	20.1	20.1	5.7	5.7	-104.2	3.1	-40.7	1.4	0.6	-2.3
16619	ok	0.0	0.7	3.48e-02	10.1	10.1	5.7	5.7	8.5	235.1	119.8	7.3	2.3	-1.3
16620	ok	0.0	0.6	3.42e-02	10.1	10.1	5.7	5.7	23.5	217.6	115.0	8.1	2.5	-1.8
16621	ok	0.0	0.5	3.83e-02	20.1	20.1	5.7	5.7	120.7	131.1	111.2	6.3	1.3	-2.4
16622	ok	0.0	0.4	8.20e-02	10.1	10.1	5.7	5.7	-339.3	-113.0	225.1	0.3	0.9	2.4
16623	ok	0.0	0.3	8.28e-02	10.1	10.1	5.7	5.7	-383.0	-38.3	237.1	-1.0	-1.0	2.4
16624	ok	0.0	0.4	8.27e-02	10.1	10.1	5.7	5.7	-399.4	-45.3	206.3	-0.5	-1.4	2.3
16625	ok	0.0	0.4	7.93e-02	10.1	10.1	5.7	5.7	-291.1	-75.0	75.2	3.4	-2.1	1.0
16626	ok	0.0	0.4	5.94e-02	12.7	12.7	5.7	5.7	-245.6	-138.8	-102.0	11.4	-1.5	-1.4
16627	ok	0.0	0.6	9.26e-02	12.7	12.7	5.7	5.7	-330.3	-179.3	103.0	8.5	3.1	-1.7
16628	ok	0.0	0.4	9.65e-02	10.1	10.1	5.7	5.7	-409.0	-69.9	283.4	4.8	1.6	-0.6
16629	ok	0.0	0.4	9.35e-02	10.1	10.1	5.7	5.7	-484.9	-29.4	233.5	1.7	0.8	2.0
16630	ok	0.0	0.4	9.11e-02	10.1	10.1	5.7	5.7	-426.7	-49.2	216.5	-0.9	-0.2	2.5
16631	ok	0.0	0.4	8.20e-02	10.1	10.1	5.7	5.7	-367.2	-80.9	170.7	-1.7	-0.3	2.5
16632	ok	0.0	0.7	0.2	25.4	25.4	5.7	5.7	-575.2	-255.6	213.5	10.6	2.5	-0.8
16633	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-792.6	-115.1	268.0	5.3	1.5	-0.8
16634	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-687.6	-61.5	213.2	2.7	0.9	1.8
16635	ok	0.0	0.4	9.79e-02	20.1	20.1	5.7	5.7	-563.7	-41.1	178.6	0.9	0.2	2.3
16636	ok	0.0	0.4	7.92e-02	20.1	20.1	5.7	5.7	-377.8	-29.1	115.8	-1.6	-0.2	2.7
16637	ok	0.0	0.1	5.28e-02	20.1	20.1	5.7	5.7	-288.9	-16.0	-66.6	8.5	1.4	0.8
16638	ok	0.0	0.2	4.96e-02	20.1	20.1	5.7	5.7	-247.5	-81.9	-149.6	12.6	1.6	0.6
16639	ok	0.0	0.1	3.53e-02	20.1	20.1	5.7	5.7	-192.7	-14.3	-13.3	-5.7	-0.8	-0.5
16642	ok	0.0	0.4	4.28e-02	10.1	10.1	5.7	5.7	-68.2	-35.4	-208.9	1.2	-5.39e-02	1.8
16643	ok	0.0	0.4	4.44e-02	10.1	10.1	5.7	5.7	-90.0	-34.8	-203.9	1.4	-2.21e-02	1.9
16644	ok	0.0	0.4	4.66e-02	10.1	10.1	5.7	5.7	-102.4	-56.4	-205.4	2.1	-0.7	2.1
16645	ok	0.0	0.5	6.02e-02	10.1	10.1	5.7	5.7	-102.9	-93.5	-274.2	-2.5	-1.9	2.5
16675	ok	0.0	6.62e-02	2.22e-02	20.1	20.1	5.7	5.7	-66.5	12.3	-8.4	2.4	0.3	-2.3
16676	ok	0.0	0.3	9.33e-02	20.1	20.1	5.7	5.7	-583.0	-116.3	-83.1	-18.4	-2.0	-1.4
16677	ok	0.0	7.61e-02	3.19e-02	20.1	20.1	5.7	5.7	-222.6	-13.1	-19.8	0.8	0.2	-1.4
16678	ok	0.0	6.97e-02	2.56e-02	20.1	20.1	5.7	5.7	-170.7	-6.2	-4.8	-1.3	0.2	-2.0
16679	ok	0.0	7.31e-02	2.17e-02	20.1	20.1	5.7	5.7	-151.9	-6.0	-5.2	-1.4	0.3	-1.9
16680	ok	0.0	0.1	2.28e-02	20.1	20.1	5.7	5.7	-142.1	-15.9	48.3	-6.0	-0.6	-1.2
16681	ok	0.0	0.7	3.32e-02	20.1	20.1	5.7	5.7	306.1	202.4	-194.5	8.9	2.3	-1.1
16682	ok	0.0	0.4	3.42e-02	20.1	20.1	5.7	5.7	-134.7	88.1	5.9	-5.1	-1.0	1.3
16683	ok	0.0	0.2	1.72e-02	20.1	20.1	5.7	5.7	-101.5	6.4	-8.7	-1.8	0.4	-2.1
16684	ok	0.0	0.2	1.74e-02	20.1	20.1	5.7	5.7	-110.0	-11.6	6.9	-1.7	1.0	-2.1
16685	ok	0.0	0.1	1.86e-02	20.1	20.1	5.7	5.7	-106.7	-6.5	-27.7	-0.9	0.8	-1.9
16686	ok	0.0	8.48e-02	1.97e-02	20.1	20.1	5.7	5.7	-118.5	-10.9	-27.1	0.1	0.7	-1.5
16687	ok	0.0	0.2	2.61e-02	20.1	20.1	5.7	5.7	-154.0	-6.0	20.9	13.6	1.3	1.7
16688	ok	0.0	7.91e-02	2.28e-02	20.1	20.1	5.7	5.7	-140.4	0.4	2.2	-0.9	-5.54e-02	0.4
16689	ok	0.0	6.13e-02	2.22e-02	20.1	20.1	5.7	5.7	-156.6	-1.2	3.1	-0.7	9.42e-02	0.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16690	ok	0.0	4.96e-02	2.20e-02	20.1	20.1	5.7	5.7	-136.5	2.8	-0.8	0.4	0.2	-2.7
16691	ok	0.0	0.1	2.50e-02	20.1	20.1	5.7	5.7	-115.3	-4.7	-7.4	0.4	0.2	-2.7
16692	ok	0.0	0.1	2.69e-02	20.1	20.1	5.7	5.7	-145.9	-0.9	15.8	-1.2	9.98e-02	2.2
16693	ok	0.0	0.2	2.88e-02	20.1	20.1	5.7	5.7	-142.4	4.1	12.4	-1.2	-0.4	2.2
16694	ok	0.0	0.2	3.55e-02	20.1	20.1	5.7	5.7	-186.8	24.8	-19.3	-1.9	-1.2	1.4
16710	ok	0.0	0.4	2.08e-02	10.1	10.1	5.7	5.7	-11.9	72.7	151.3	0.5	5.78e-02	-0.5
16713	ok	0.0	0.3	0.1	20.1	20.1	5.7	5.7	-303.3	-440.6	-330.4	-6.5	1.1	-4.0
16714	ok	0.0	0.4	8.49e-02	20.1	20.1	5.7	5.7	-142.7	-271.1	-85.3	-5.0	-2.4	3.0
16720	ok	0.0	0.4	5.77e-02	10.1	10.1	5.7	5.7	-176.1	-74.1	207.6	-1.7	0.5	-1.9
16721	ok	0.0	0.4	5.55e-02	10.1	10.1	5.7	5.7	-162.4	-62.2	202.7	-1.7	0.6	-2.0
16722	ok	0.0	0.4	5.94e-02	10.1	10.1	5.7	5.7	-192.0	-91.1	198.6	-1.7	0.3	-1.7
16723	ok	0.0	0.6	7.21e-02	10.1	10.1	5.7	5.7	-197.6	-127.1	215.2	-1.5	-0.4	-1.4
16729	ok	0.0	1.0	2.59e-02	20.1	20.1	5.7	5.7	174.5	369.5	-168.6	6.3	-0.5	1.7
16730	ok	0.0	0.6	4.77e-02	20.1	20.1	5.7	5.7	-327.0	205.9	-23.7	8.6	-0.3	-1.7
16736	ok	0.0	0.4	2.30e-02	10.1	10.1	5.7	5.7	-20.8	68.4	150.3	-2.9	-0.6	0.1
16737	ok	0.0	0.4	2.47e-02	10.1	10.1	5.7	5.7	-10.4	132.1	-123.8	0.3	0.1	-0.6
16738	ok	0.0	0.5	2.81e-02	10.1	10.1	5.7	5.7	5.3	185.2	-126.4	2.7	0.7	2.84e-02
16739	ok	0.0	0.8	4.21e-02	10.1	10.1	5.7	5.7	40.7	299.8	-123.6	5.3	0.9	0.7
17080	ok	0.0	0.4	4.19e-02	10.1	10.1	5.7	5.7	-84.2	-28.9	-197.6	-8.04e-02	-0.4	1.0
17082	ok	0.0	0.4	6.74e-02	20.1	20.1	5.7	5.7	-312.5	-67.3	119.9	-2.2	1.1	2.1
17083	ok	0.0	0.4	4.61e-02	10.1	10.1	5.7	5.7	-130.1	-36.0	168.2	-1.5	-0.7	-2.2
17086	ok	0.0	0.3	3.86e-02	20.1	20.1	5.7	5.7	-54.8	-47.4	-14.1	1.0	4.4	-2.2
17090	ok	0.0	0.4	4.12e-02	10.1	10.1	5.7	5.7	-78.5	-6.8	-207.2	0.3	0.4	0.9
17092	ok	0.0	0.4	4.94e-02	10.1	10.1	5.7	5.7	-144.4	-42.7	176.2	-1.4	-0.6	-2.1
17093	ok	0.0	0.4	4.51e-02	10.1	10.1	5.7	5.7	-134.8	6.1	205.4	-0.9	-0.8	-2.4
17096	ok	0.0	0.4	4.16e-02	10.1	10.1	5.7	5.7	-79.1	-16.0	-201.2	-0.1	0.1	1.0
17100	ok	0.0	0.4	4.05e-02	10.1	10.1	5.7	5.7	-64.0	-19.2	204.4	-2.7	-2.0	-1.2
17118	ok	0.0	0.1	5.75e-02	20.1	20.1	5.7	5.7	-319.4	10.2	33.2	-4.3	-0.5	2.4
17154	ok	0.0	1.0	0.3	26.6	26.0	6.8	6.2	-2060.7	-206.1	299.3	8.9	-1.0	-2.7
17155	ok	0.0	0.6	0.2	20.1	20.1	5.7	5.7	-1217.0	-95.1	154.8	6.5	0.7	-0.4
17156	ok	0.0	0.3	0.1	20.1	20.1	5.7	5.7	-839.2	-39.6	87.0	3.1	0.4	1.7
17157	ok	0.0	0.2	8.85e-02	20.1	20.1	5.7	5.7	-616.2	-23.5	63.4	1.2	0.2	1.9
17158	ok	0.0	0.2	6.77e-02	20.1	20.1	5.7	5.7	-416.8	3.8	26.4	-1.3	-0.1	2.5
17183	ok	0.0	0.2	3.93e-02	10.1	10.1	5.7	5.7	-238.0	-7.2	51.2	-1.8	0.7	-0.6
17188	ok	0.0	0.2	1.62e-02	10.1	10.1	5.7	5.7	-97.9	-31.8	-7.2	-0.2	2.4	-1.7
17189	ok	0.0	0.2	1.33e-02	10.1	10.1	5.7	5.7	-65.5	-2.2	-28.8	-0.8	0.9	-1.8
17190	ok	0.0	0.1	1.28e-02	10.1	10.1	5.7	5.7	-65.8	-4.0	-29.2	-0.7	0.8	-1.9
17191	ok	0.0	0.1	1.34e-02	10.1	10.1	5.7	5.7	-41.4	-8.7	-32.7	-0.6	0.5	-1.4
17198	ok	0.0	1.0	9.08e-02	20.1	20.3	5.7	5.8	-394.8	-389.0	-202.7	13.4	2.4	2.9
17208	ok	0.0	0.2	3.39e-02	10.1	10.1	5.7	5.7	-208.6	4.0	20.1	-1.5	-0.2	2.0
17213	ok	0.0	0.2	2.95e-02	10.1	10.1	5.7	5.7	-151.5	-0.7	32.3	-0.1	0.3	2.0
17218	ok	0.0	0.2	1.24e-02	10.1	10.1	5.7	5.7	-33.6	14.9	-60.2	-0.1	-2.1	1.5
17223	ok	0.0	0.2	1.36e-02	10.1	10.1	5.7	5.7	-29.8	29.9	-64.8	0.6	3.6	1.8
17227	ok	0.0	0.2	2.59e-02	10.1	10.1	5.7	5.7	-143.5	-8.8	14.4	-0.5	0.9	-2.5
17228	ok	0.0	0.2	2.70e-02	10.1	10.1	5.7	5.7	-162.7	-10.2	23.3	-0.5	1.0	-2.3
17229	ok	0.0	0.2	3.33e-02	10.1	10.1	5.7	5.7	-167.9	-16.7	36.4	4.94e-02	1.7	-2.0
17230	ok	0.0	0.2	3.90e-02	10.1	10.1	5.7	5.7	-225.5	-3.0	48.5	-1.1	0.6	-0.6
17247	ok	0.0	0.2	1.40e-02	10.1	10.1	5.7	5.7	-42.4	17.4	-55.2	-0.1	-1.9	1.4
17248	ok	0.0	0.2	1.37e-02	10.1	10.1	5.7	5.7	-38.2	38.5	-48.1	-0.3	-3.6	-0.2
17249	ok	0.0	0.2	1.57e-02	10.1	10.1	5.7	5.7	-83.2	-42.1	-20.7	0.6	3.9	-2.0
17250	ok	0.0	0.3	2.03e-02	10.1	10.1	5.7	5.7	-100.9	-53.8	-5.8	-1.1	2.7	-1.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-2550.12	-932.49	-626.09	-20.89	-19.19	-9.71
		0.0	0.99	0.38	26.56	25.99	10.83	9.74	937.07	551.15	814.99	23.10	10.88	4.83

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
66	ok	3.26						
71	ok Av	9.35	0.32	0.05	10.6	1.6	218.5	33.7
129	ok	1.03						
130	ok	0.61						
134	ok	0.47						
135	ok	0.46						
153	ok	2.10						
197	ok	0.76						
198	ok	2.22						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
199	ok	1.83						
200	ok	0.70						
201	ok	0.35						
241	ok	2.10						
242	ok	1.30						
243	ok	1.90						
306	ok Av	6.10	0.21	0.02	6.9	0.8	142.4	17.1
307	ok	2.63						
308	ok	1.05						
309	ok	3.20						
310	ok	3.21						
5389	ok	0.03						
6418	ok	0.15						
10035	ok	3.20						
10046	ok	0.06						
13989	ok	1.19						
14047	ok	4.97						
14071	ok	2.55						
14792	ok	0.59						
14793	ok	0.36						
14794	ok	0.38						
14796	ok	0.41						
14797	ok	0.51						
14798	ok	0.65						
14799	ok	0.67						
14800	ok	0.71						
14802	ok	1.71						
14803	ok	1.20						
14804	ok	1.03						
14805	ok	1.74						
14807	ok	1.92						
15581	ok	0.64						
15582	ok	0.44						
15583	ok	0.26						
15584	ok	0.18						
15585	ok	0.29						
15586	ok	0.63						
15587	ok	3.50						
15602	ok	0.57						
15603	ok	0.24						
15604	ok	0.16						
15605	ok	0.19						
15606	ok	0.28						
15607	ok	0.70						
15732	ok	0.45						
15733	ok	0.21						
15734	ok	0.15						
15735	ok	0.16						
15736	ok	0.21						
15737	ok	0.37						
15738	ok	1.46						
15855	ok	4.09						
15856	ok	1.02						
15857	ok	1.53						
15858	ok	1.59						
15859	ok	1.31						
15860	ok	0.91						
15861	ok	6.20						
15869	ok	2.45						
15870	ok	1.30						
15871	ok	1.51						
15872	ok	1.45						
15873	ok	0.90						
15874	ok	3.29						
15939	ok	0.86						
15940	ok	0.74						
15941	ok	0.70						
15942	ok	0.67						
15943	ok	1.33						
15944	ok	2.51						
16275	ok	0.50						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16277	ok	0.94						
16278	ok	1.95						
16279	ok	1.02						
16280	ok	0.28						
16289	ok	0.89						
16292	ok	1.18						
16293	ok	0.67						
16294	ok	0.29						
16295	ok	2.67						
16296	ok	0.93						
16297	ok	0.61						
16298	ok	0.63						
16299	ok	0.78						
16300	ok	0.73						
16301	ok	1.66						
16302	ok	0.91						
16303	ok	0.53						
16304	ok	0.80						
16305	ok	0.90						
16306	ok	0.93						
16307	ok	1.42						
16308	ok	1.19						
16309	ok	0.95						
16310	ok	0.54						
16311	ok	0.56						
16312	ok	0.57						
16313	ok	0.55						
16314	ok	1.77						
16315	ok	0.20						
16316	ok	0.24						
16317	ok	0.19						
16318	ok	0.14						
16319	ok	0.15						
16320	ok	0.25						
16321	ok	0.55						
16322	ok	0.12						
16323	ok	0.09						
16324	ok	0.09						
16325	ok	0.11						
16326	ok	0.11						
16327	ok	0.17						
16328	ok	0.29						
16329	ok	0.34						
16330	ok	0.27						
16331	ok	0.12						
16332	ok	0.09						
16333	ok	0.11						
16334	ok	0.26						
16335	ok	0.62						
16336	ok	0.25						
16337	ok	0.20						
16338	ok	0.10						
16339	ok	0.07						
16340	ok	0.10						
16341	ok	0.21						
16342	ok	0.33						
16343	ok	0.53						
16344	ok	0.24						
16345	ok	0.12						
16346	ok	0.07						
16347	ok	0.10						
16348	ok	0.15						
16349	ok	0.22						
16350	ok	1.07						
16351	ok	0.38						
16352	ok	0.11						
16353	ok	0.07						
16354	ok	0.09						
16355	ok	0.14						
16356	ok	0.21						
16357	ok	0.42						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16358	ok	0.15						
16359	ok	0.11						
16360	ok	0.07						
16361	ok	0.09						
16362	ok	0.15						
16363	ok	0.21						
16364	ok	0.12						
16365	ok	0.10						
16366	ok	0.06						
16367	ok	0.07						
16368	ok	0.10						
16369	ok	0.16						
16370	ok	0.22						
16371	ok	0.08						
16372	ok	0.06						
16373	ok	0.05						
16374	ok	0.07						
16375	ok	0.11						
16376	ok	0.17						
16377	ok	0.22						
16378	ok	0.06						
16379	ok	0.06						
16380	ok	0.06						
16381	ok	0.08						
16382	ok	0.11						
16383	ok	0.17						
16384	ok	0.24						
16385	ok	0.05						
16386	ok	0.07						
16387	ok	0.08						
16388	ok	0.09						
16389	ok	0.11						
16390	ok	0.14						
16391	ok	0.28						
16392	ok	0.06						
16393	ok	0.06						
16394	ok	0.07						
16395	ok	0.09						
16396	ok	0.11						
16397	ok	0.16						
16398	ok	0.28						
16399	ok	0.06						
16400	ok	0.06						
16401	ok	0.06						
16402	ok	0.09						
16403	ok	0.12						
16404	ok	0.18						
16405	ok	0.27						
16406	ok	3.07						
16407	ok	1.65						
16408	ok	0.88						
16409	ok	1.04						
16410	ok	1.15						
16411	ok	1.59						
16412	ok	0.63						
16413	ok	2.77						
16418	ok	0.58						
16419	ok	0.41						
16420	ok	1.03						
16421	ok	0.76						
16422	ok	0.81						
16423	ok	0.87						
16424	ok	0.98						
16425	ok	1.03						
16426	ok	1.07						
16427	ok	0.52						
16428	ok	0.26						
16429	ok	0.10						
16430	ok	0.10						
16431	ok	0.24						
16432	ok	0.35						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16433	ok	1.10						
16434	ok	0.19						
16435	ok	0.17						
16436	ok	0.16						
16437	ok	0.14						
16438	ok	0.14						
16439	ok	0.17						
16440	ok	0.49						
16441	ok	0.23						
16442	ok	0.14						
16443	ok	0.12						
16444	ok	0.10						
16445	ok	0.08						
16446	ok	0.10						
16447	ok	0.10						
16448	ok	0.55						
16449	ok	0.21						
16450	ok	0.11						
16451	ok	0.09						
16452	ok	0.07						
16453	ok	0.05						
16454	ok	0.04						
16455	ok	1.02						
16456	ok	0.19						
16457	ok	0.14						
16458	ok	0.12						
16459	ok	0.09						
16460	ok	0.07						
16461	ok	0.03						
16462	ok	0.75						
16463	ok	0.20						
16464	ok	0.24						
16465	ok	0.14						
16466	ok	0.16						
16467	ok	0.07						
16468	ok	0.04						
16469	ok	0.36						
16470	ok	0.27						
16471	ok	0.33						
16472	ok	0.69						
16473	ok	0.26						
16474	ok	0.15						
16475	ok	0.06						
16476	ok	0.33						
16477	ok	0.26						
16478	ok	0.93						
16479	ok	1.33						
16480	ok	0.61						
16481	ok	0.14						
16482	ok	0.10						
16483	ok	0.55						
16484	ok	0.31						
16485	ok	0.42						
16486	ok	0.85						
16487	ok	0.49						
16488	ok	0.22						
16489	ok	0.09						
16490	ok	0.21						
16491	ok	0.30						
16492	ok	0.40						
16493	ok	0.34						
16494	ok	0.41						
16495	ok	0.67						
16496	ok	0.78						
16497	ok	0.71						
16498	ok	0.24						
16499	ok	0.13						
16500	ok	0.10						
16501	ok	0.26						
16502	ok	0.94						
16503	ok	0.38						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16504	ok	0.28						
16505	ok	0.11						
16506	ok	0.09						
16507	ok	0.21						
16508	ok	0.36						
16509	ok	0.50						
16510	ok	0.17						
16511	ok	0.11						
16512	ok	0.13						
16513	ok	0.24						
16514	ok	0.64						
16515	ok	0.88						
16516	ok	0.16						
16517	ok	0.11						
16518	ok	0.13						
16519	ok	0.20						
16520	ok	0.89						
16521	ok	0.28						
16522	ok	0.14						
16523	ok	0.09						
16524	ok	0.10						
16525	ok	0.15						
16526	ok	0.37						
16527	ok	0.22						
16528	ok	0.41						
16529	ok	0.40						
16530	ok	0.57						
16531	ok	0.46						
16532	ok	0.32						
16533	ok	0.17						
16534	ok	0.59						
16535	ok	1.25						
16536	ok	0.68						
16537	ok	0.33						
16538	ok	0.15						
16539	ok	0.13						
16540	ok	0.68						
16541	ok	1.84						
16542	ok	0.85						
16543	ok	0.24						
16544	ok	0.09						
16545	ok	0.11						
16546	ok	0.23						
16547	ok	0.85						
16548	ok	0.34						
16549	ok	0.18						
16550	ok	0.08						
16551	ok	0.05						
16552	ok	0.10						
16553	ok	0.10						
16554	ok	0.14						
16555	ok	0.11						
16556	ok	0.07						
16557	ok	0.11						
16558	ok	0.09						
16559	ok	0.06						
16560	ok	0.06						
16561	ok	0.08						
16562	ok	0.13						
16563	ok	0.04						
16564	ok	0.05						
16565	ok	0.04						
16566	ok	0.05						
16567	ok	0.07						
16568	ok	0.07						
16569	ok	0.04						
16570	ok	0.05						
16571	ok	0.05						
16572	ok	0.06						
16573	ok	0.07						
16574	ok	0.06						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16598	ok	0.22						
16599	ok	0.13						
16600	ok	0.14						
16601	ok	0.19						
16602	ok	0.14						
16603	ok	1.15						
16604	ok	0.18						
16605	ok	0.12						
16606	ok	1.36						
16607	ok	0.19						
16608	ok	0.24						
16609	ok	1.24						
16610	ok	0.19						
16611	ok	0.18						
16612	ok	1.24						
16613	ok	0.42						
16614	ok	0.42						
16615	ok	0.28						
16616	ok	0.18						
16617	ok	0.18						
16618	ok	0.19						
16619	ok	1.18						
16620	ok	0.50						
16621	ok	0.62						
16622	ok	0.13						
16623	ok	0.12						
16624	ok	0.27						
16625	ok	0.74						
16626	ok	1.71						
16627	ok	0.61						
16628	ok	0.61						
16629	ok	0.35						
16630	ok	0.21						
16631	ok	0.12						
16632	ok	0.98						
16633	ok	0.28						
16634	ok	0.24						
16635	ok	0.09						
16636	ok	0.09						
16637	ok	2.84						
16638	ok	3.48						
16639	ok	0.67						
16642	ok	0.06						
16643	ok	0.06						
16644	ok	0.12						
16645	ok	0.25						
16675	ok	1.42						
16676	ok	1.08						
16677	ok	0.67						
16678	ok	0.67						
16679	ok	0.63						
16680	ok	1.13						
16681	ok	1.92						
16682	ok	0.96						
16683	ok	0.45						
16684	ok	0.11						
16685	ok	0.10						
16686	ok	0.11						
16687	ok	2.75						
16688	ok	1.10						
16689	ok	1.10						
16690	ok	1.09						
16691	ok	0.18						
16692	ok	0.18						
16693	ok	0.20						
16694	ok	1.09						
16710	ok	0.38						
16713	ok	5.16						
16714	ok	1.37						
16720	ok	0.07						
16721	ok	0.05						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16722	ok	0.08						
16723	ok	0.17						
16729	ok	1.90						
16730	ok	2.57						
16736	ok	0.46						
16737	ok	0.48						
16738	ok	0.58						
16739	ok	0.65						
17080	ok	0.06						
17082	ok	0.42						
17083	ok	0.05						
17086	ok	0.73						
17090	ok	0.11						
17092	ok	0.03						
17093	ok	0.12						
17096	ok	0.09						
17100	ok	0.58						
17118	ok	1.24						
17154	ok	1.30						
17155	ok	0.92						
17156	ok	0.99						
17157	ok	1.05						
17158	ok	1.07						
17183	ok	0.17						
17188	ok	0.13						
17189	ok	0.11						
17190	ok	0.13						
17191	ok	0.22						
17198	ok	3.49						
17208	ok	0.12						
17213	ok	0.07						
17218	ok	0.15						
17223	ok	0.18						
17227	ok	0.10						
17228	ok	0.12						
17229	ok	0.09						
17230	ok	0.10						
17247	ok	0.14						
17248	ok	0.14						
17249	ok	0.19						
17250	ok	0.15						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		9.35	0.32	0.05	10.56	1.63	218.50	33.68

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
6	30.00	5	9	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
259	ok	0.0	1.0	0.2	30.4	42.3	16.0	20.7	-1331.9	-40.7	181.7	-80.4	-14.7	-1.0
3301	ok	0.0	0.8	0.1	25.4	25.4	5.7	5.7	-743.1	-91.8	-158.4	-32.5	-6.4	8.7
3302	ok	0.0	1.0	8.51e-02	25.4	25.4	5.7	6.1	-416.0	-78.0	27.6	-47.3	-10.6	6.0
3307	ok	0.0	1.0	8.79e-02	12.7	12.7	5.7	5.7	-284.7	-161.7	-30.3	-52.8	-10.4	3.3
3312	ok	0.0	1.0	0.2	25.4	25.4	6.0	7.6	172.5	24.4	12.5	-81.5	-18.6	3.3
5369	ok	0.0	0.1	2.85e-02	20.1	20.1	5.7	5.7	-105.6	-8.5	125.8	0.9	3.5	-4.7
5372	ok	0.0	0.2	2.73e-02	20.1	20.1	5.7	5.7	-101.5	7.9	125.7	-0.8	-3.3	-4.4
5373	ok	0.0	0.3	2.53e-02	20.1	20.1	5.7	5.7	-98.7	19.0	104.2	-1.7	-7.9	-2.8
5374	ok	0.0	0.3	1.98e-02	20.1	20.1	5.7	5.7	-75.3	24.0	82.3	13.2	-4.3	3.9
5375	ok	0.0	0.6	2.00e-02	20.1	20.1	5.7	5.7	-110.8	10.7	62.7	99.0	13.6	0.9
5392	ok	0.0	0.2	6.80e-02	20.1	20.1	5.7	5.7	-469.2	-90.3	34.5	-35.5	-1.2	5.4
5495	ok	0.0	1.0	0.3	20.1	30.2	5.7	15.8	-1728.4	-368.2	573.1	-83.6	-15.7	22.5
6594	ok	0.0	0.4	5.97e-02	20.1	20.1	5.7	5.7	-404.8	-58.3	71.3	-71.1	-5.0	6.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
8573	ok	0.0	1.0	6.45e-02	20.1	32.1	5.7	14.9	1145.8	243.3	392.1	90.9	10.2	15.1
9131	ok	0.0	0.6	7.46e-02	20.1	20.1	5.7	5.7	357.7	75.3	110.2	48.5	3.2	1.0
9139	ok	0.0	0.7	6.05e-02	20.1	20.1	5.7	5.7	-129.1	-22.3	73.9	123.0	25.2	-9.2
9143	ok	0.0	0.2	2.91e-02	20.1	20.1	5.7	5.7	-154.7	-24.1	87.4	1.6	6.9	-3.7
9168	ok	0.0	0.2	4.61e-02	20.1	20.1	5.7	5.7	-318.8	-24.0	-41.2	-6.6	-2.0	1.8
9959	ok	0.0	8.33e-02	4.61e-02	20.1	20.1	5.7	5.7	-324.5	-6.6	12.1	5.3	-1.97e-02	-2.1
9963	ok	0.0	6.67e-02	5.29e-02	20.1	20.1	5.7	5.7	-371.5	-6.9	23.6	-2.2	-0.5	-4.0
9964	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-688.1	49.2	184.4	43.0	7.1	11.5
10006	ok	0.0	0.2	3.56e-02	20.1	20.1	5.7	5.7	-147.0	-10.1	146.9	4.7	5.5	-5.8
10022	ok	0.0	0.7	5.31e-02	20.1	20.1	5.7	5.7	-117.7	50.2	223.5	34.8	3.1	2.2
10023	ok	0.0	0.4	3.69e-02	20.1	20.1	5.7	5.7	-150.2	34.6	99.0	18.6	3.5	-2.2
10027	ok	0.0	0.2	4.12e-02	20.1	20.1	5.7	5.7	-238.8	4.2	75.6	5.7	1.5	-5.2
10028	ok	0.0	0.2	4.84e-02	20.1	20.1	5.7	5.7	-256.9	-11.4	75.2	2.0	0.3	-5.7
10152	ok	0.0	1.0	0.3	20.1	35.8	5.7	20.1	1274.0	315.9	471.7	96.7	18.7	21.7
11053	ok	0.0	0.3	3.07e-02	20.1	20.1	5.7	5.7	-186.0	-5.5	-69.5	-28.2	-9.9	-4.08e-02
11054	ok	0.0	0.3	3.13e-02	20.1	20.1	5.7	5.7	-193.3	-9.0	-69.7	0.1	-3.0	1.0
11055	ok	0.0	0.3	3.46e-02	20.1	20.1	5.7	5.7	-163.2	-4.1	-73.2	-1.3	-2.6	1.8
11158	ok	0.0	0.5	3.69e-02	10.1	10.1	5.7	5.7	-188.6	73.5	69.5	39.0	6.7	7.4
11610	ok	0.0	0.5	3.50e-02	10.1	10.1	5.7	5.7	-191.9	72.0	67.3	29.4	7.9	5.1
13076	ok	0.0	0.3	3.48e-02	10.1	10.1	5.7	5.7	-152.2	49.8	106.8	17.1	6.3	-2.8
13617	ok	0.0	0.2	3.24e-02	10.1	10.1	5.7	5.7	-146.4	16.6	107.9	7.0	3.5	-6.7
14177	ok	0.0	0.5	0.4	20.1	20.1	5.7	5.7	-2478.6	-441.5	679.6	-54.1	-5.2	3.5
14815	ok	0.0	0.2	3.43e-02	10.1	10.1	5.7	5.7	-166.4	-21.6	97.9	2.0	1.6	-6.4
15159	ok	0.0	0.3	7.91e-02	20.1	20.1	5.7	5.7	-552.3	25.1	1.2	-62.9	-9.2	3.6
15163	ok	0.0	0.7	1.95e-02	20.1	20.1	5.7	5.7	15.9	115.1	38.0	-51.9	-11.4	6.3
15168	ok	0.0	0.8	1.08e-02	10.1	10.1	5.7	5.7	49.0	130.5	52.3	-50.1	-10.8	5.2
15183	ok	0.0	0.5	2.18e-02	20.1	20.1	5.7	5.7	-106.2	12.2	60.2	42.0	12.7	9.1
15184	ok	0.0	1.0	5.04e-02	20.1	20.1	5.7	5.7	207.8	191.4	58.1	-56.9	-11.4	6.9
15938	ok	0.0	0.4	2.31e-02	20.1	20.1	5.7	5.7	-113.0	48.1	69.1	21.7	7.9	6.2
16595	ok	0.0	0.2	2.57e-02	20.1	20.1	5.7	5.7	-111.0	37.5	99.0	8.5	3.6	-3.7
16596	ok	0.0	0.3	2.84e-02	20.1	20.1	5.7	5.7	-109.0	13.7	114.7	2.0	1.9	-8.3
16597	ok	0.0	0.3	3.06e-02	20.1	20.1	5.7	5.7	-113.5	-12.9	125.5	1.3	3.0	-8.5
17117	ok	0.0	0.3	9.73e-02	20.1	20.1	5.7	5.7	-227.0	62.2	-143.8	8.6	2.4	0.4
17119	ok	0.0	0.3	5.25e-02	20.1	20.1	5.7	5.7	-266.0	18.0	-130.5	6.0	3.7	1.3
17120	ok	0.0	0.4	6.75e-02	20.1	20.1	5.7	5.7	-341.2	18.7	-110.2	8.0	2.9	0.9
17121	ok	0.0	0.5	7.74e-02	10.1	10.1	5.7	5.7	-399.4	3.9	-141.5	2.9	-0.4	-0.4
17122	ok	0.0	0.5	8.97e-02	20.1	20.1	5.7	5.7	-474.2	31.9	-135.5	5.6	1.2	0.4
17141	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-958.2	-124.6	25.1	-39.5	-9.1	-4.3
17142	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-536.3	13.1	144.7	-2.0	-8.4	-0.6
17143	ok	0.0	0.4	8.35e-02	20.1	20.1	5.7	5.7	-539.1	-15.8	150.6	-2.0	-5.9	-1.1
17144	ok	0.0	0.3	7.18e-02	20.1	20.1	5.7	5.7	-399.2	8.9	-141.0	-0.5	3.2	3.7
17145	ok	0.0	0.3	6.07e-02	20.1	20.1	5.7	5.7	-346.3	8.1	-140.2	-9.22e-02	1.3	3.7
17146	ok	0.0	0.4	5.51e-02	20.1	20.1	5.7	5.7	-319.6	-25.8	-146.6	-8.6	5.5	0.3
17150	ok	0.0	0.6	5.61e-02	20.1	20.1	5.7	5.7	-324.0	-38.7	-148.2	-55.5	-8.5	-8.0
17159	ok	0.0	1.0	0.3	21.0	33.8	6.5	11.6	1896.4	179.9	349.4	45.1	1.9	6.1
17160	ok	0.0	0.8	0.2	20.1	20.1	5.7	5.7	-1425.1	-105.5	-148.1	-8.6	-3.0	0.4
17161	ok	0.0	0.5	0.2	20.1	20.1	5.7	5.7	-1135.2	-50.8	-86.5	-2.8	-1.3	1.1
17162	ok	0.0	0.3	0.1	20.1	20.1	5.7	5.7	-773.8	4.7	-69.5	3.1	0.3	1.8
17163	ok	0.0	0.3	0.1	20.1	20.1	5.7	5.7	-630.0	11.7	-72.5	2.5	0.8	1.8
17164	ok	0.0	1.0	0.2	20.1	20.6	5.7	10.1	278.2	25.7	515.9	41.4	6.1	6.4
17165	ok	0.0	1.0	0.2	20.1	20.1	5.7	7.3	-951.1	-98.5	-208.5	-5.8	-2.0	-1.4
17166	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-721.4	-26.7	-152.8	3.0	0.9	1.4
17167	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-616.1	-5.7	-148.9	2.8	1.1	1.3
17168	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-513.0	8.4	-157.0	2.7	0.8	1.2
17169	ok	0.0	1.0	0.1	10.1	11.3	5.7	6.9	-536.9	-116.5	-59.4	-30.8	-12.8	-3.5
17170	ok	0.0	0.8	9.92e-02	10.1	10.1	5.7	5.7	-564.5	-89.5	-182.6	2.9	3.1	1.8
17171	ok	0.0	0.6	9.66e-02	10.1	10.1	5.7	5.7	-517.6	-36.9	-185.7	2.6	3.1	1.4
17172	ok	0.0	0.6	9.25e-02	10.1	10.1	5.7	5.7	-464.9	-13.6	-184.4	2.7	2.7	0.8
17173	ok	0.0	0.6	8.50e-02	10.1	10.1	5.7	5.7	-425.8	3.0	-179.3	2.7	1.3	0.4
17174	ok	0.0	1.0	9.48e-02	20.1	20.1	5.7	6.5	-503.2	-112.6	-72.1	-38.3	-14.1	-5.2
17175	ok	0.0	0.5	9.04e-02	20.1	20.1	5.7	5.7	-550.5	-1.0	-27.7	-3.2	5.3	1.1
17176	ok	0.0	0.5	8.51e-02	20.1	20.1	5.7	5.7	-496.0	-15.9	-134.7	2.0	6.0	2.8
17177	ok	0.0	0.5	8.15e-02	20.1	20.1	5.7	5.7	-445.5	10.7	-111.3	1.3	1.9	4.3
17178	ok	0.0	0.5	7.41e-02	20.1	20.1	5.7	5.7	-390.6	13.7	-123.4	-0.3	2.2	3.1
17179	ok	0.0	0.6	5.38e-02	20.1	20.1	5.7	5.7	-275.0	-32.0	-149.4	-15.7	-5.8	5.0
17180	ok	0.0	0.5	6.10e-02	10.1	10.1	5.7	5.7	-279.8	4.2	-104.5	-9.9	-1.9	-3.7
17181	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	458.2	-11.5	162.8	-34.0	-7.9	17.3
17182	ok	0.0	0.8	0.2	20.1	20.1	5.7	5.7	-1350.2	-192.6	310.5	-65.1	-4.0	6.9
17184	ok	0.0	0.3	6.09e-02	20.1	20.1	5.7	5.7	-268.9	-35.6	-149.0	-14.9	-10.1	-0.2
17185	ok	0.0	0.5	6.99e-02	10.1	10.1	5.7	5.7	-340.9	-21.4	-99.4	7.3	3.9	-1.3
17186	ok	0.0	0.6	9.25e-02	20.1	20.1	5.7	5.7	-198.6	-94.4	191.4	-20.9	-2.2	4.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
17187	ok	0.0	0.3	3.73e-02	20.1	20.1	5.7	5.7	-158.0	-24.1	146.6	4.0	11.8	-4.5
17204	ok	0.0	0.6	3.23e-02	20.1	20.1	5.7	5.7	-164.9	-21.4	75.6	-47.9	-12.2	10.1
17205	ok	0.0	0.6	4.13e-02	10.1	10.1	5.7	5.7	-199.9	-8.1	86.7	-36.0	-8.9	9.6
17206	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	357.0	70.4	123.4	-46.8	-9.9	16.1
17207	ok	0.0	0.4	8.87e-02	20.1	20.1	5.7	5.7	-612.7	-37.4	80.9	-19.6	-2.3	-2.7
17209	ok	0.0	0.3	3.81e-02	20.1	20.1	5.7	5.7	-97.0	-21.5	147.5	4.1	7.1	-9.0
17210	ok	0.0	0.3	5.00e-02	10.1	10.1	5.7	5.7	-186.9	-39.8	157.2	-8.7	-3.5	-3.6
17211	ok	0.0	0.3	6.94e-02	20.1	20.1	5.7	5.7	-423.8	21.6	89.0	-6.9	-1.1	-3.0
17212	ok	0.0	0.8	0.3	20.1	20.1	5.7	5.7	-1813.4	-245.1	325.3	-74.5	-6.2	9.5
17214	ok	0.0	0.5	3.42e-02	20.1	20.1	5.7	5.7	-158.9	-34.3	75.7	-53.4	-16.2	12.3
17215	ok	0.0	0.4	4.19e-02	10.1	10.1	5.7	5.7	-193.2	-52.4	85.5	-34.7	-9.2	8.5
17216	ok	0.0	0.7	6.94e-02	20.1	20.1	5.7	5.7	-278.6	-88.9	195.7	-33.3	-3.6	7.2
17217	ok	0.0	0.4	7.36e-02	20.1	20.1	5.7	5.7	-506.5	-38.3	71.0	-18.8	-2.1	-2.1
17219	ok	0.0	0.2	3.08e-02	20.1	20.1	5.7	5.7	-102.6	-75.6	80.3	-7.4	-1.9	-5.1
17220	ok	0.0	0.3	3.76e-02	10.1	10.1	5.7	5.7	-111.7	-84.5	97.1	-15.3	-5.7	-4.1
17221	ok	0.0	0.3	5.53e-02	20.1	20.1	5.7	5.7	-305.2	-47.7	114.2	-15.4	-3.8	-3.0
17222	ok	0.0	0.8	0.3	20.1	20.1	5.7	5.7	-1883.7	-232.4	343.5	-54.5	-3.2	4.1
17224	ok	0.0	0.5	1.87e-02	20.1	20.1	5.7	5.7	-47.8	-70.4	13.1	-39.9	-10.5	8.3
17225	ok	0.0	0.6	3.22e-02	10.1	10.1	5.7	5.7	-11.2	-122.3	33.8	-46.0	-10.4	6.6
17226	ok	0.0	0.9	8.73e-02	20.1	20.1	5.7	5.7	227.3	-149.6	35.6	-47.8	-9.6	6.9
17231	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	608.5	134.5	156.8	54.8	2.4	1.5
17232	ok	0.0	0.2	7.29e-02	20.1	20.1	5.7	5.7	-390.0	-8.5	-26.4	0.9	-0.5	3.2
17233	ok	0.0	8.86e-02	6.10e-02	20.1	20.1	5.7	5.7	-420.3	-14.2	-35.2	-2.9	-0.9	2.9
17234	ok	0.0	0.1	6.27e-02	20.1	20.1	5.7	5.7	-430.4	-12.5	30.8	2.3	0.2	-2.7
17235	ok	0.0	0.2	5.72e-02	20.1	20.1	5.7	5.7	-331.5	-12.3	102.1	1.5	0.5	-3.9
17236	ok	0.0	0.2	5.66e-02	20.1	20.1	5.7	5.7	-277.9	9.1	51.6	4.9	0.8	-3.5
17237	ok	0.0	0.4	5.81e-02	20.1	20.1	5.7	5.7	-125.3	33.6	121.0	12.2	1.6	-0.8
17238	ok	0.0	0.7	5.96e-02	20.1	20.1	5.7	5.7	-191.3	120.3	317.5	32.8	2.4	3.3
17239	ok	0.0	0.6	5.36e-02	10.1	10.1	5.7	5.7	-267.7	90.3	101.8	14.2	2.8	2.8
17240	ok	0.0	0.4	4.54e-02	10.1	10.1	5.7	5.7	-259.3	41.7	82.3	8.9	0.8	-1.7
17241	ok	0.0	0.3	4.49e-02	10.1	10.1	5.7	5.7	-172.0	16.6	172.0	4.6	2.5	-5.9
17242	ok	0.0	0.3	4.61e-02	10.1	10.1	5.7	5.7	-180.7	-9.8	171.8	2.3	1.7	-6.9
17243	ok	0.0	0.5	4.25e-02	20.1	20.1	5.7	5.7	-222.8	10.8	-90.4	2.4	6.4	1.2
17244	ok	0.0	0.3	3.87e-02	20.1	20.1	5.7	5.7	-90.8	44.3	159.4	5.2	1.6	-2.9
17245	ok	0.0	0.3	3.53e-02	20.1	20.1	5.7	5.7	-75.5	11.0	154.1	2.5	1.8	-7.6
17246	ok	0.0	0.3	3.67e-02	20.1	20.1	5.7	5.7	-89.4	-8.1	146.5	3.5	4.4	-9.5
17498	ok	0.0	0.6	0.5	25.4	25.4	5.7	5.7	-3216.0	-194.3	-1341.7	11.5	1.7	6.4
17503	ok	0.0	0.7	0.5	25.4	25.4	5.7	5.7	-2792.2	-318.3	1187.4	3.0	8.9	-7.9
17504	ok	0.0	1.0	4.38e-02	26.3	25.4	6.5	5.7	1043.6	97.4	-226.3	-5.5	-4.9	8.0
17506	ok	0.0	0.7	1.63e-02	12.7	12.7	5.7	5.7	-48.1	239.3	-18.8	15.0	4.1	4.4
17508	ok	0.0	1.0	6.34e-02	27.9	25.8	8.1	6.1	1336.5	305.4	415.0	-5.6	2.8	-10.7
17510	ok	0.0	0.5	0.2	25.4	25.4	5.7	5.7	-358.7	-205.4	155.8	-17.0	-9.1	0.9
17511	ok	0.0	0.7	7.06e-02	12.7	12.7	5.7	5.7	167.5	-369.7	69.2	-37.7	-14.0	-0.4
17512	ok	0.0	0.8	0.1	25.4	25.4	5.7	5.7	-904.9	183.7	-230.2	-23.8	-8.6	2.3
17513	ok	0.0	0.7	0.2	25.4	25.4	5.7	5.7	-573.4	-244.2	-288.0	31.7	11.3	3.3
17514	ok	0.0	0.8	0.2	25.4	25.4	5.7	5.7	-1415.2	-504.5	36.7	-33.8	9.1	6.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-3215.96	-504.53	-1341.73	-83.57	-18.60	-10.67
		0.0	1.00	0.52	30.41	42.28	15.96	20.73	1896.43	315.94	1187.41	122.98	25.15	22.50

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
259	ok Av	19.46	0.66	0.07	22.1	2.4	457.3	49.1
3301	ok Av	17.31	0.59	0.09	19.6	3.1	406.7	63.5
3302	ok Av	6.79	0.23	0.05	7.5	1.7	156.3	36.3
3307	ok	4.09						
3312	ok Av	7.31	0.24	0.07	8.0	2.3	165.3	46.6
5369	ok	2.44						
5372	ok	2.07						
5373	ok	2.26						
5374	ok Av	6.50	0.17	0.15	5.5	4.9	115.2	101.2
5375	ok Av	21.17	0.72	0.13	24.0	4.2	498.4	87.1
5392	ok Av	11.26	0.35	0.17	11.7	5.5	243.8	114.7
5495	ok	4.38						
6594	ok Av	24.74	0.82	0.23	27.2	7.5	566.1	156.6
8573	ok	3.80						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
9131	ok	2.79						
9139	ok Av	32.48	1.00	0.05	42.9	1.6	698.0	32.5
9143	ok	2.69						
9168	ok	2.56						
9959	ok	2.81						
9963	ok	2.87						
9964	ok	2.64						
10006	ok	3.72						
10022	ok	1.70						
10023	ok	1.15						
10027	ok	0.76						
10028	ok	0.73						
10152	ok	3.78						
11053	ok Av	8.04	0.25	0.16	8.4	5.2	174.1	108.3
11054	ok	2.40						
11055	ok	2.20						
11158	ok	1.34						
11610	ok	1.49						
13076	ok	1.42						
13617	ok	0.84						
14177	ok	4.59						
14815	ok	0.75						
15159	ok Av	14.51	0.49	0.10	16.3	3.3	338.5	68.9
15163	ok	4.96						
15168	ok	3.72						
15183	ok	2.73						
15184	ok	5.83						
15938	ok	3.34						
16595	ok	1.83						
16596	ok	0.73						
16597	ok	0.45						
17117	ok	2.70						
17119	ok	2.98						
17120	ok	2.61						
17121	ok	1.62						
17122	ok	1.27						
17141	ok Av	13.58	0.40	0.28	13.1	9.4	272.4	195.4
17142	ok	3.53						
17143	ok	2.54						
17144	ok	2.46						
17145	ok	2.53						
17146	ok Av	15.97	0.52	0.20	17.1	6.6	355.5	136.6
17150	ok Av	24.20	0.83	0.05	27.5	1.6	570.5	32.3
17159	ok	3.06						
17160	ok	2.30						
17161	ok	2.95						
17162	ok	3.12						
17163	ok	3.08						
17164	ok	3.23						
17165	ok	1.55						
17166	ok	1.13						
17167	ok	0.50						
17168	ok	0.66						
17169	ok	2.77						
17170	ok	2.94						
17171	ok	1.13						
17172	ok	0.45						
17173	ok	0.88						
17174	ok Av	8.26	0.20	0.20	6.8	6.8	140.9	140.4
17175	ok	3.07						
17176	ok	0.91						
17177	ok	0.36						
17178	ok	0.63						
17179	ok	3.43						
17180	ok	1.29						
17181	ok	1.56						
17182	ok	3.91						
17184	ok	3.81						
17185	ok	1.56						
17186	ok	1.92						
17187	ok	3.92						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17204	ok	4.45						
17205	ok	1.23						
17206	ok	3.04						
17207	ok	2.87						
17209	ok	2.99						
17210	ok	1.94						
17211	ok	1.45						
17212	ok	2.91						
17214	ok	4.33						
17215	ok	1.89						
17216	ok	2.77						
17217	ok	2.69						
17219	ok	2.15						
17220	ok	1.57						
17221	ok	1.30						
17222	ok	1.48						
17224	ok	3.77						
17225	ok	1.89						
17226	ok	2.92						
17231	ok	3.86						
17232	ok	2.71						
17233	ok	3.00						
17234	ok	3.07						
17235	ok	0.78						
17236	ok	0.67						
17237	ok	1.18						
17238	ok	1.70						
17239	ok	1.31						
17240	ok	1.25						
17241	ok	0.83						
17242	ok	0.87						
17243	ok	3.45						
17244	ok	1.97						
17245	ok	0.72						
17246	ok	0.57						
17498	ok Av	23.27	0.78	0.09	26.3	3.1	543.4	65.0
17503	ok Av	21.94	0.74	0.13	24.9	4.2	515.5	87.4
17504	ok Av	8.21	0.28	0.08	9.2	2.7	189.6	56.0
17506	ok	4.00						
17508	ok Av	8.52	0.29	0.08	9.5	2.7	196.8	56.9
17510	ok Av	9.21	0.31	0.07	10.2	2.2	211.7	45.5
17511	ok	4.61						
17512	ok Av	18.72	0.64	0.15	21.3	5.0	439.9	103.0
17513	ok Av	10.61	0.35	0.12	11.7	4.0	241.1	83.1
17514	ok Av	19.16	0.65	0.27	21.7	9.1	449.7	187.5
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		32.48	1.00	0.28	42.90	9.40	698.05	195.39

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
9	30.00	5	11	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
255	ok	0.0	1.0	0.2	25.4	25.4	8.2	9.7	-1479.4	-100.5	-95.7	41.5	7.9	0.3
306	ok	0.0	0.3	0.2	25.4	25.4	5.7	5.7	-1378.6	-268.0	635.4	6.8	1.0	-2.9
787	ok	0.0	0.2	3.12e-02	20.1	20.1	5.7	5.7	-72.6	-67.7	-117.9	5.2	-3.9	2.20e-02
3297	ok	0.0	0.4	0.2	12.7	12.7	5.7	5.7	-1001.9	-177.8	-257.4	15.5	1.7	0.1
3306	ok	0.0	0.4	8.11e-02	12.7	12.7	5.7	5.7	-436.2	-5.4	103.5	22.1	5.0	-3.5
3311	ok	0.0	0.3	7.12e-02	12.7	12.7	5.7	5.7	-276.4	-79.6	46.0	29.2	5.5	-4.5
3316	ok	0.0	0.7	0.1	25.4	25.4	5.7	5.7	-463.2	-205.8	-212.9	34.9	7.6	-3.6
3345	ok	0.0	0.5	6.05e-02	12.7	12.7	5.7	5.7	-153.4	-68.1	268.7	-2.3	-0.6	0.6
3350	ok	0.0	0.4	4.58e-02	12.7	12.7	5.7	5.7	-102.6	-25.7	218.7	-2.1	-0.5	0.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
3355	ok	0.0	0.4	4.00e-02	12.7	12.7	5.7	5.7	108.0	68.8	146.1	-10.1	0.3	-0.6
3368	ok	0.0	0.3	0.1	25.4	25.4	5.7	5.7	-226.0	-194.2	361.2	-0.8	-3.8	-0.3
5491	ok	0.0	0.4	9.95e-02	20.1	20.1	5.7	5.7	-496.5	-111.3	156.7	-41.0	-7.6	-1.9
10050	ok	0.0	0.7	5.51e-02	10.1	10.1	5.7	5.7	-201.9	-100.6	150.9	-15.5	-3.2	-2.3
10148	ok	0.0	0.9	0.1	20.1	20.1	5.7	5.7	-742.3	-430.3	51.5	-42.3	-7.8	-2.2
14173	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-490.6	-143.3	297.4	-11.6	-4.8	7.3
14802	ok	0.0	0.2	2.89e-02	20.1	20.1	5.7	5.7	-75.6	-73.9	-114.5	6.2	-4.4	9.87e-02
15155	ok	0.0	0.4	3.13e-02	10.1	10.1	5.7	5.7	7.1	-32.3	-179.2	-5.1	-2.6	2.0
15167	ok	0.0	0.6	3.26e-02	10.1	10.1	5.7	5.7	9.0	-11.2	-180.0	-8.2	-3.3	2.2
15173	ok	0.0	0.8	2.90e-02	10.1	10.1	5.7	5.7	80.8	114.5	-207.7	-10.4	-3.0	1.1
15189	ok	0.0	1.0	3.96e-02	20.3	20.6	5.8	6.1	301.6	230.9	-205.4	-10.5	8.22e-03	-1.3
15217	ok	0.0	0.2	3.10e-02	10.1	10.1	5.7	5.7	-51.5	-29.7	-151.6	4.5	0.9	0.7
15224	ok	0.0	0.2	2.94e-02	10.1	10.1	5.7	5.7	-21.1	-22.7	-145.6	1.7	0.7	0.7
15232	ok	0.0	0.3	2.81e-02	10.1	10.1	5.7	5.7	-6.8	-31.3	-154.5	-1.3	2.3	0.3
15581	ok	0.0	0.3	5.88e-02	20.1	20.1	5.7	5.7	-2.1	17.7	188.8	4.2	-2.4	0.9
15582	ok	0.0	0.3	6.18e-02	20.1	20.1	5.7	5.7	-328.3	2.0	179.3	5.8	2.9	0.9
15583	ok	0.0	0.3	6.58e-02	20.1	20.1	5.7	5.7	-404.6	4.6	150.3	3.5	-1.4	-0.8
15584	ok	0.0	0.2	6.49e-02	20.1	20.1	5.7	5.7	-283.9	-9.0	212.1	-2.2	-2.7	1.0
15585	ok	0.0	0.2	6.94e-02	20.1	20.1	5.7	5.7	-273.7	1.3	220.1	-2.4	-3.7	0.9
15586	ok	0.0	0.3	7.43e-02	20.1	20.1	5.7	5.7	-365.8	-26.8	233.3	-2.0	-3.6	1.2
15587	ok	0.0	0.7	9.50e-02	25.4	25.4	5.7	5.7	-525.1	-86.0	266.1	-2.9	-2.8	-4.31e-02
15588	ok	0.0	0.4	0.1	25.4	25.4	5.7	5.7	-429.5	-28.7	246.2	-3.0	-0.7	0.8
15589	ok	0.0	0.4	8.56e-02	20.1	20.1	5.7	5.7	-308.5	-13.7	232.2	-2.3	-4.1	1.0
15590	ok	0.0	0.3	6.97e-02	20.1	20.1	5.7	5.7	-274.2	-1.6	219.1	-2.4	-3.7	0.7
15591	ok	0.0	0.3	6.72e-02	20.1	20.1	5.7	5.7	-274.9	-2.9	236.5	-2.1	-2.1	1.4
15592	ok	0.0	0.4	6.69e-02	20.1	20.1	5.7	5.7	-325.2	-21.9	189.9	4.3	1.9	1.7
15593	ok	0.0	0.4	6.96e-02	20.1	20.1	5.7	5.7	-330.5	0.9	209.3	5.9	-3.4	1.3
15594	ok	0.0	0.5	6.61e-02	20.1	20.1	5.7	5.7	-314.0	-15.2	194.2	5.0	-1.2	1.6
15595	ok	0.0	0.4	6.47e-02	10.1	10.1	5.7	5.7	-250.8	-11.9	241.2	4.6	2.3	1.5
15596	ok	0.0	0.4	6.82e-02	10.1	10.1	5.7	5.7	-291.9	-15.1	216.5	4.1	-1.0	1.8
15597	ok	0.0	0.4	6.89e-02	10.1	10.1	5.7	5.7	-274.3	-32.2	250.5	-3.1	-1.3	2.6
15598	ok	0.0	0.4	6.83e-02	10.1	10.1	5.7	5.7	-266.3	-3.2	240.2	-2.1	-2.2	1.3
15599	ok	0.0	0.4	7.18e-02	10.1	10.1	5.7	5.7	-257.7	-8.6	248.1	-2.0	-2.4	1.3
15600	ok	0.0	0.3	7.65e-02	10.1	10.1	5.7	5.7	-276.8	-35.5	267.2	-2.3	-2.4	1.2
15601	ok	0.0	0.4	8.34e-02	12.7	12.7	5.7	5.7	-261.9	-124.6	318.7	-2.3	-1.1	0.9
15602	ok	0.0	0.4	5.45e-02	20.1	20.1	5.7	5.7	-222.1	-11.7	228.3	4.2	0.7	1.1
15603	ok	0.0	0.4	5.29e-02	20.1	20.1	5.7	5.7	-177.0	-4.6	249.6	0.3	0.9	0.9
15604	ok	0.0	0.4	4.95e-02	20.1	20.1	5.7	5.7	-123.4	-3.1	240.9	0.2	0.3	0.9
15605	ok	0.0	0.4	4.82e-02	20.1	20.1	5.7	5.7	-85.2	1.5	-273.9	0.8	2.5	-0.9
15606	ok	0.0	0.3	4.95e-02	20.1	20.1	5.7	5.7	-85.8	-6.7	-277.5	0.7	2.3	-0.9
15607	ok	0.0	0.3	4.61e-02	20.1	20.1	5.7	5.7	-75.1	-15.0	-223.0	2.8	1.2	-1.2
15608	ok	0.0	0.5	4.81e-02	20.1	20.1	5.7	5.7	-103.4	-19.8	-211.4	3.5	1.5	-1.4
15609	ok	0.0	0.5	4.68e-02	20.1	20.1	5.7	5.7	4.6	2.1	-271.7	0.7	2.2	-0.9
15610	ok	0.0	0.5	5.00e-02	20.1	20.1	5.7	5.7	-1.7	1.2	-272.7	0.7	2.2	-1.0
15611	ok	0.0	0.5	5.33e-02	20.1	20.1	5.7	5.7	-133.6	-5.9	240.9	0.5	0.2	1.4
15612	ok	0.0	0.5	5.62e-02	20.1	20.1	5.7	5.7	-157.3	-8.3	245.1	0.5	0.4	1.4
15613	ok	0.0	0.5	5.81e-02	20.1	20.1	5.7	5.7	-202.7	-9.5	238.2	4.6	-0.7	1.7
15614	ok	0.0	0.5	5.92e-02	10.1	10.1	5.7	5.7	-203.0	-11.3	244.8	3.8	-1.0	1.4
15615	ok	0.0	0.5	5.75e-02	10.1	10.1	5.7	5.7	-181.9	-9.6	249.0	-0.4	-0.2	1.4
15616	ok	0.0	0.5	5.53e-02	10.1	10.1	5.7	5.7	-144.3	-7.1	246.2	0.4	-0.2	1.4
15617	ok	0.0	0.5	5.25e-02	10.1	10.1	5.7	5.7	-125.4	-5.5	238.0	0.6	-0.5	1.5
15618	ok	0.0	0.5	4.98e-02	10.1	10.1	5.7	5.7	-123.5	-1.9	239.4	0.5	-0.6	1.6
15619	ok	0.0	0.5	4.36e-02	10.1	10.1	5.7	5.7	-15.8	7.99e-02	-228.2	-0.9	0.8	-1.7
15620	ok	0.0	0.4	5.96e-02	10.1	10.1	5.7	5.7	-202.2	-13.7	247.1	-2.3	-0.8	1.4
15621	ok	0.0	0.4	5.84e-02	10.1	10.1	5.7	5.7	-188.5	-10.9	249.8	-0.9	-0.7	1.7
15622	ok	0.0	0.4	5.69e-02	10.1	10.1	5.7	5.7	-173.1	-10.8	249.9	0.3	-0.5	1.5
15623	ok	0.0	0.4	5.51e-02	10.1	10.1	5.7	5.7	-144.2	1.6	240.4	0.3	0.8	1.6
15624	ok	0.0	0.5	5.29e-02	10.1	10.1	5.7	5.7	-122.3	3.8	222.9	0.2	1.2	1.7
15625	ok	0.0	0.5	4.68e-02	10.1	10.1	5.7	5.7	-114.2	-33.3	213.9	2.1	1.1	1.3
15626	ok	0.0	0.3	6.46e-02	12.7	12.7	5.7	5.7	-166.8	-112.3	260.3	-1.8	-0.6	1.3
15627	ok	0.0	0.3	6.77e-02	10.1	10.1	5.7	5.7	-222.1	-59.5	269.6	-1.7	-0.8	1.4
15628	ok	0.0	0.4	6.83e-02	10.1	10.1	5.7	5.7	-231.6	-16.9	267.4	-1.5	-1.1	1.4
15629	ok	0.0	0.4	6.97e-02	10.1	10.1	5.7	5.7	-242.4	-7.8	261.6	-1.6	-1.3	1.3
15630	ok	0.0	0.4	6.86e-02	10.1	10.1	5.7	5.7	-241.1	-29.9	253.5	-2.4	-1.4	2.4
15631	ok	0.0	0.4	6.76e-02	10.1	10.1	5.7	5.7	-240.7	-27.9	249.6	-2.0	-0.6	2.4
15632	ok	0.0	0.4	6.44e-02	10.1	10.1	5.7	5.7	-231.5	-24.4	245.9	5.5	2.0	1.2
15633	ok	0.0	0.3	5.45e-02	12.7	12.7	5.7	5.7	-207.0	-44.1	-161.7	4.0	-2.2	-0.4
15634	ok	0.0	0.3	6.12e-02	10.1	10.1	5.7	5.7	-197.8	-13.0	-220.1	1.2	-2.0	-2.3
15635	ok	0.0	0.4	6.53e-02	10.1	10.1	5.7	5.7	-207.7	-6.1	-221.8	1.2	0.2	-3.5
15636	ok	0.0	0.4	6.90e-02	10.1	10.1	5.7	5.7	-236.1	-32.7	266.4	-1.8	-2.0	3.1
15637	ok	0.0	0.4	7.02e-02	10.1	10.1	5.7	5.7	-240.0	-31.3	267.7	-2.3	-3.5	2.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15638	ok	0.0	0.4	6.93e-02	10.1	10.1	5.7	5.7	-237.1	-44.9	260.1	-2.2	-3.7	1.6
15639	ok	0.0	0.4	6.60e-02	10.1	10.1	5.7	5.7	-229.2	-41.9	249.0	5.5	1.3	1.4
15640	ok	0.0	1.0	0.1	22.0	20.1	10.7	5.7	-800.1	-170.1	-164.1	-11.5	-0.6	-4.7
15641	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-505.7	-7.1	229.8	-20.2	-7.0	7.6
15642	ok	0.0	0.4	8.84e-02	20.1	20.1	5.7	5.7	-519.1	-24.1	208.4	-15.0	-3.2	9.7
15643	ok	0.0	0.4	7.92e-02	20.1	20.1	5.7	5.7	-423.7	-0.9	219.7	12.6	2.0	9.5
15644	ok	0.0	0.6	7.74e-02	20.1	20.1	5.7	5.7	-253.6	7.0	288.9	37.6	10.9	1.3
15645	ok	0.0	0.6	7.25e-02	20.1	20.1	5.7	5.7	-260.1	-33.8	268.7	43.2	26.1	-5.7
15646	ok	0.0	0.2	0.1	20.1	20.1	5.7	5.7	-449.1	-245.0	248.8	7.1	19.8	-2.1
15647	ok	0.0	0.4	7.61e-02	20.1	20.1	5.7	5.7	-266.7	-146.6	260.4	9.0	6.1	-9.8
15648	ok	0.0	0.4	8.07e-02	20.1	20.1	5.7	5.7	-304.6	-50.9	281.2	27.7	12.5	-3.4
15649	ok	0.0	0.6	7.65e-02	20.1	20.1	5.7	5.7	-309.2	-18.8	268.1	25.6	6.6	4.6
15650	ok	0.0	0.6	7.77e-02	20.1	20.1	5.7	5.7	-372.4	8.6	214.1	10.2	2.1	11.4
15651	ok	0.0	0.5	8.23e-02	20.1	20.1	5.7	5.7	-437.0	2.7	202.2	-12.5	-2.8	11.3
15652	ok	0.0	0.7	8.70e-02	20.1	20.1	5.7	5.7	-464.0	34.1	211.5	-16.6	-3.9	8.5
15653	ok	0.0	1.0	0.1	20.8	20.1	6.8	5.7	-413.7	164.9	298.6	-31.3	-13.6	-1.5
15654	ok	0.0	0.4	7.09e-02	10.1	10.1	5.7	5.7	-252.1	-98.3	240.2	6.2	2.6	-8.9
15655	ok	0.0	0.4	7.69e-02	10.1	10.1	5.7	5.7	-271.8	-50.6	279.0	8.9	-3.8	-5.2
15656	ok	0.0	0.5	7.65e-02	10.1	10.1	5.7	5.7	-283.2	-21.6	290.5	8.0	-5.3	7.3
15657	ok	0.0	0.5	7.53e-02	10.1	10.1	5.7	5.7	-294.0	-11.5	286.1	6.4	-3.3	10.1
15658	ok	0.0	0.5	7.62e-02	10.1	10.1	5.7	5.7	-317.6	6.45e-02	276.9	-10.4	-3.7	10.2
15659	ok	0.0	0.5	7.95e-02	10.1	10.1	5.7	5.7	-345.3	29.2	264.2	-12.1	-0.7	7.7
15660	ok	0.0	0.7	8.65e-02	12.7	12.7	5.7	5.7	-348.5	94.2	44.7	12.7	4.0	-2.5
15661	ok	0.0	0.4	7.57e-02	12.7	12.7	5.7	5.7	-436.0	50.6	26.8	12.3	4.3	-2.0
15662	ok	0.0	0.5	7.38e-02	10.1	10.1	5.7	5.7	-294.7	82.1	242.9	-5.2	1.5	3.3
15663	ok	0.0	0.5	7.42e-02	10.1	10.1	5.7	5.7	-189.7	-2.8	257.0	-5.4	-2.0	9.0
15664	ok	0.0	0.5	7.46e-02	10.1	10.1	5.7	5.7	-275.8	-18.3	292.1	-2.2	-7.6	8.8
15665	ok	0.0	0.5	7.50e-02	10.1	10.1	5.7	5.7	-260.0	-26.4	301.3	1.4	-10.7	5.9
15666	ok	0.0	0.5	7.45e-02	10.1	10.1	5.7	5.7	-258.9	-49.5	289.4	2.1	-10.8	-1.9
15667	ok	0.0	0.4	7.01e-02	10.1	10.1	5.7	5.7	-264.5	-67.6	238.0	3.4	-1.6	-6.3
15668	ok	0.0	0.4	7.07e-02	10.1	10.1	5.7	5.7	-266.2	-48.0	250.1	3.8	-5.7	-2.0
15669	ok	0.0	0.5	7.19e-02	10.1	10.1	5.7	5.7	-249.0	-40.9	284.9	-2.5	-13.8	1.0
15670	ok	0.0	0.5	7.25e-02	10.1	10.1	5.7	5.7	-248.6	-29.8	291.0	-2.8	-13.1	4.1
15671	ok	0.0	0.5	7.15e-02	10.1	10.1	5.7	5.7	-160.3	-21.4	282.4	-2.7	-8.0	6.0
15672	ok	0.0	0.5	6.36e-02	10.1	10.1	5.7	5.7	-249.2	8.4	-238.8	2.1	5.7	-4.2
15673	ok	0.0	0.4	6.68e-02	10.1	10.1	5.7	5.7	-275.1	-2.7	-243.2	2.3	2.2	-3.3
15674	ok	0.0	0.3	7.53e-02	12.7	12.7	5.7	5.7	-424.3	3.1	-176.1	8.0	1.9	-0.6
15675	ok	0.0	0.4	6.08e-02	10.1	10.1	5.7	5.7	-210.1	-21.7	246.5	-3.1	-1.6	1.9
15676	ok	0.0	0.4	5.96e-02	10.1	10.1	5.7	5.7	-201.1	-11.2	248.6	0.5	-1.1	1.9
15677	ok	0.0	0.4	5.88e-02	10.1	10.1	5.7	5.7	-189.5	-2.9	241.4	0.4	0.6	2.3
15678	ok	0.0	0.5	5.69e-02	10.1	10.1	5.7	5.7	-171.0	-0.7	243.7	0.6	-4.6	1.9
15679	ok	0.0	0.5	5.51e-02	10.1	10.1	5.7	5.7	-163.4	-2.3	236.4	0.5	-5.0	1.4
15680	ok	0.0	0.5	5.11e-02	10.1	10.1	5.7	5.7	-129.7	-57.0	184.9	4.0	2.5	0.8
15681	ok	0.0	1.0	7.32e-02	20.1	20.1	5.8	5.7	-343.4	170.0	302.5	-40.0	-16.6	3.2
15682	ok	0.0	0.4	6.91e-02	20.1	20.1	5.7	5.7	-138.9	25.1	239.2	-11.8	-6.8	2.6
15683	ok	0.0	0.4	7.00e-02	20.1	20.1	5.7	5.7	-332.5	4.2	262.5	14.4	1.8	4.1
15684	ok	0.0	0.4	7.16e-02	20.1	20.1	5.7	5.7	-221.7	4.2	258.2	27.7	7.3	-0.2
15685	ok	0.0	0.5	7.28e-02	20.1	20.1	5.7	5.7	-226.4	11.3	250.9	29.6	17.4	-4.7
15686	ok	0.0	0.3	0.1	20.1	20.1	5.7	5.7	-407.5	-319.9	255.6	4.8	16.6	-0.3
15687	ok	0.0	0.6	7.63e-02	20.1	20.1	5.7	5.7	-191.0	-182.2	192.6	-14.8	1.1	-3.3
15688	ok	0.0	0.4	7.93e-02	20.1	20.1	5.7	5.7	-296.8	-15.6	256.0	20.5	11.9	-2.4
15689	ok	0.0	0.5	7.23e-02	20.1	20.1	5.7	5.7	-298.2	-10.9	249.3	19.0	5.2	1.8
15690	ok	0.0	0.5	7.29e-02	20.1	20.1	5.7	5.7	-285.5	7.8	263.2	10.6	-5.80e-02	7.8
15691	ok	0.0	0.6	7.45e-02	20.1	20.1	5.7	5.7	-325.1	23.6	264.5	-15.6	-5.1	5.4
15692	ok	0.0	0.6	7.64e-02	20.1	20.1	5.7	5.7	-379.8	61.0	205.2	-26.5	-6.8	2.4
15693	ok	0.0	0.7	6.59e-02	10.1	10.1	5.7	5.7	-206.6	-157.3	225.6	3.3	2.5	-4.8
15694	ok	0.0	0.4	7.08e-02	10.1	10.1	5.7	5.7	-259.5	-23.4	277.0	9.8	-1.2	0.5
15695	ok	0.0	0.5	7.04e-02	10.1	10.1	5.7	5.7	-270.3	-4.5	272.8	9.2	-1.9	3.3
15696	ok	0.0	0.5	6.97e-02	10.1	10.1	5.7	5.7	-278.3	2.9	252.7	5.8	-0.9	7.7
15697	ok	0.0	0.6	6.98e-02	10.1	10.1	5.7	5.7	-288.8	15.4	253.3	-9.6	-2.7	5.9
15698	ok	0.0	0.6	6.92e-02	10.1	10.1	5.7	5.7	-298.4	4.6	207.9	-17.6	-2.8	1.1
15699	ok	0.0	0.4	6.22e-02	10.1	10.1	5.7	5.7	-223.7	-25.8	239.9	-5.2	-1.2	1.7
15700	ok	0.0	0.5	6.20e-02	10.1	10.1	5.7	5.7	-227.1	-11.7	245.6	0.4	0.5	4.2
15701	ok	0.0	0.5	6.17e-02	10.1	10.1	5.7	5.7	-220.7	-0.5	244.9	-0.3	-3.6	4.3
15702	ok	0.0	0.5	6.15e-02	10.1	10.1	5.7	5.7	-212.7	-5.4	249.9	-0.4	-7.2	3.2
15703	ok	0.0	0.5	6.00e-02	10.1	10.1	5.7	5.7	-208.2	-11.0	242.0	-0.5	-7.9	0.9
15704	ok	0.0	0.5	5.59e-02	10.1	10.1	5.7	5.7	-172.8	-64.9	185.1	3.5	-0.5	-1.4
15705	ok	0.0	0.6	5.98e-02	10.1	10.1	5.7	5.7	-188.3	-104.4	220.8	2.4	-0.3	-3.7
15706	ok	0.0	0.4	6.47e-02	10.1	10.1	5.7	5.7	-207.8	-18.1	246.3	2.2	-6.3	-1.1
15707	ok	0.0	0.5	6.57e-02	10.1	10.1	5.7	5.7	-238.0	-4.7	265.0	2.1	-5.9	4.4
15708	ok	0.0	0.5	6.64e-02	10.1	10.1	5.7	5.7	-251.8	5.2	252.4	2.3	-2.7	6.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15709	ok	0.0	0.5	6.65e-02	10.1	10.1	5.7	5.7	-257.0	4.0	238.0	-4.5	-2.2	5.3
15710	ok	0.0	0.5	6.61e-02	10.1	10.1	5.7	5.7	-264.9	-28.1	227.2	-10.5	-1.9	-1.3
15711	ok	0.0	0.9	9.65e-02	20.1	20.1	5.7	5.7	-646.8	-86.1	128.8	-42.5	-9.7	-1.2
15712	ok	0.0	0.6	4.72e-02	20.1	20.1	5.7	5.7	-222.6	63.9	196.1	-26.6	-12.9	3.3
15713	ok	0.0	0.3	4.85e-02	20.1	20.1	5.7	5.7	-202.6	9.3	205.8	-7.3	-4.1	4.8
15714	ok	0.0	0.4	4.93e-02	20.1	20.1	5.7	5.7	-91.8	11.1	194.7	18.5	3.3	1.3
15715	ok	0.0	0.3	5.03e-02	20.1	20.1	5.7	5.7	-103.3	11.3	198.7	18.5	6.6	-1.9
15716	ok	0.0	0.3	5.47e-02	20.1	20.1	5.7	5.7	-235.3	-9.3	206.8	9.0	8.4	-5.1
15717	ok	0.0	0.5	9.87e-02	20.1	20.1	5.7	5.7	-433.9	-252.1	302.9	0.7	11.1	4.5
15718	ok	0.0	0.6	5.17e-02	20.1	20.1	5.7	5.7	285.4	-67.6	-198.5	-7.0	-2.7	-1.4
15719	ok	0.0	0.4	5.57e-02	20.1	20.1	5.7	5.7	-150.4	-15.4	195.8	7.5	7.2	-4.1
15720	ok	0.0	0.4	4.94e-02	20.1	20.1	5.7	5.7	-176.0	-16.4	197.8	11.5	5.3	-1.2
15721	ok	0.0	0.4	4.86e-02	20.1	20.1	5.7	5.7	-182.5	-5.6	192.7	11.1	2.0	2.2
15722	ok	0.0	0.5	5.16e-02	20.1	20.1	5.7	5.7	-222.6	2.0	181.4	-6.9	-3.8	5.9
15723	ok	0.0	0.6	5.51e-02	20.1	20.1	5.7	5.7	-267.8	20.5	143.1	-17.8	-4.8	3.1
15724	ok	0.0	0.6	5.98e-02	20.1	20.1	5.7	5.7	-245.3	-26.1	-212.2	22.1	4.7	-9.05e-02
15725	ok	0.0	0.6	5.27e-02	10.1	10.1	5.7	5.7	-202.1	-89.1	153.9	-15.8	-3.2	-1.7
15726	ok	0.0	0.6	4.69e-02	10.1	10.1	5.7	5.7	-191.8	-8.3	111.0	-11.5	-2.5	2.3
15727	ok	0.0	0.5	4.61e-02	10.1	10.1	5.7	5.7	-187.2	12.2	158.3	-3.9	-2.3	5.5
15728	ok	0.0	0.4	4.44e-02	10.1	10.1	5.7	5.7	-156.1	6.0	184.3	4.4	-2.0	3.4
15729	ok	0.0	0.3	4.40e-02	10.1	10.1	5.7	5.7	-142.6	-9.4	184.9	4.8	-0.2	2.0
15730	ok	0.0	0.4	4.36e-02	10.1	10.1	5.7	5.7	-113.5	-31.7	194.0	4.8	4.0	-1.3
15731	ok	0.0	0.6	3.33e-02	10.1	10.1	5.7	5.7	80.0	35.8	-253.2	-9.0	-5.0	6.21e-02
15732	ok	0.0	0.3	3.74e-02	20.1	20.1	5.7	5.7	-76.0	3.1	-208.4	-4.2	2.2	-1.2
15733	ok	0.0	0.3	3.80e-02	20.1	20.1	5.7	5.7	-65.4	-1.5	-215.0	-1.9	2.7	-1.0
15734	ok	0.0	0.3	3.34e-02	20.1	20.1	5.7	5.7	-8.8	0.6	-204.1	-0.8	2.7	-0.8
15735	ok	0.0	0.3	3.21e-02	20.1	20.1	5.7	5.7	-8.5	1.0	-194.0	-1.0	2.7	-0.8
15736	ok	0.0	0.3	3.04e-02	20.1	20.1	5.7	5.7	-5.2	1.9	-182.4	-1.5	2.6	-0.9
15737	ok	0.0	0.3	2.93e-02	20.1	20.1	5.7	5.7	-8.1	-7.2	-184.2	-1.6	-4.8	-0.8
15738	ok	0.0	0.2	2.96e-02	20.1	20.1	5.7	5.7	-65.1	-52.5	-121.3	5.0	-4.5	-0.7
15739	ok	0.0	0.2	3.24e-02	20.1	20.1	5.7	5.7	-65.9	-50.5	-118.9	4.1	-4.1	-0.9
15740	ok	0.0	0.3	3.07e-02	20.1	20.1	5.7	5.7	-7.0	-7.1	-180.3	-1.6	-4.6	-0.9
15741	ok	0.0	0.4	3.19e-02	20.1	20.1	5.7	5.7	-7.2	2.2	-183.2	-1.5	2.7	-0.9
15742	ok	0.0	0.4	3.34e-02	20.1	20.1	5.7	5.7	-10.1	0.9	-192.8	-1.0	2.6	-0.9
15743	ok	0.0	0.4	3.49e-02	20.1	20.1	5.7	5.7	-11.9	0.5	-202.7	-0.8	2.5	-0.8
15744	ok	0.0	0.4	3.68e-02	20.1	20.1	5.7	5.7	-17.5	2.3	-220.4	-2.2	2.1	-1.6
15745	ok	0.0	0.4	3.92e-02	20.1	20.1	5.7	5.7	-27.4	3.2	-203.3	-5.2	2.2	-1.7
15746	ok	0.0	0.4	3.78e-02	10.1	10.1	5.7	5.7	-18.7	2.0	-223.5	-4.0	1.3	-1.8
15747	ok	0.0	0.4	3.65e-02	10.1	10.1	5.7	5.7	-19.7	2.5	-217.6	-2.3	1.7	-1.5
15748	ok	0.0	0.4	3.48e-02	10.1	10.1	5.7	5.7	-16.7	3.1	-208.7	-0.7	1.6	-1.2
15749	ok	0.0	0.4	3.33e-02	10.1	10.1	5.7	5.7	-12.6	4.4	-191.1	-0.7	1.7	-1.2
15750	ok	0.0	0.4	3.29e-02	10.1	10.1	5.7	5.7	-10.0	4.1	-184.2	-1.2	1.9	-1.3
15751	ok	0.0	0.3	3.17e-02	10.1	10.1	5.7	5.7	-12.9	-1.0	-181.7	-1.3	-2.9	-1.3
15752	ok	0.0	0.3	3.06e-02	10.1	10.1	5.7	5.7	-48.8	-24.8	-152.9	3.8	0.8	-1.8
15753	ok	0.0	0.4	3.76e-02	10.1	10.1	5.7	5.7	-83.1	-19.8	179.8	-2.5	-0.7	0.7
15754	ok	0.0	0.4	3.57e-02	10.1	10.1	5.7	5.7	-20.6	23.3	-205.2	-0.8	0.8	-1.4
15755	ok	0.0	0.4	3.59e-02	10.1	10.1	5.7	5.7	-19.0	-13.9	-197.5	-0.5	-1.0	-1.4
15756	ok	0.0	0.4	3.43e-02	10.1	10.1	5.7	5.7	-59.8	6.8	138.7	0.5	-1.7	1.2
15757	ok	0.0	0.4	3.33e-02	10.1	10.1	5.7	5.7	-15.7	-7.5	-188.2	-0.4	2.1	-1.4
15758	ok	0.0	0.4	3.30e-02	10.1	10.1	5.7	5.7	-15.3	-5.4	-193.8	-0.4	2.3	-1.5
15759	ok	0.0	0.3	3.13e-02	10.1	10.1	5.7	5.7	-17.9	-17.2	-148.9	1.2	0.6	-1.7
15760	ok	0.0	0.4	4.11e-02	10.1	10.1	5.7	5.7	-110.5	-36.6	178.6	-3.8	-1.4	1.1
15761	ok	0.0	0.4	3.81e-02	10.1	10.1	5.7	5.7	-103.3	-41.1	154.4	-1.0	1.3	1.6
15762	ok	0.0	0.4	3.53e-02	10.1	10.1	5.7	5.7	-95.8	11.5	145.5	0.8	1.9	1.6
15763	ok	0.0	0.4	3.30e-02	10.1	10.1	5.7	5.7	-83.7	6.8	139.1	0.7	-4.0	1.5
15764	ok	0.0	0.4	3.23e-02	10.1	10.1	5.7	5.7	-7.1	-19.9	-184.6	1.1	3.7	-1.8
15765	ok	0.0	0.4	3.29e-02	10.1	10.1	5.7	5.7	-6.1	-18.6	-177.6	1.0	5.6	-1.5
15766	ok	0.0	0.3	3.19e-02	10.1	10.1	5.7	5.7	-5.6	-21.0	-182.7	1.3	3.9	0.4
15767	ok	0.0	0.5	4.38e-02	10.1	10.1	5.7	5.7	-144.7	-54.3	167.4	-6.6	0.7	0.9
15768	ok	0.0	0.4	4.11e-02	10.1	10.1	5.7	5.7	-131.0	-43.5	139.6	1.1	3.4	2.4
15769	ok	0.0	0.4	3.85e-02	10.1	10.1	5.7	5.7	-125.4	-30.8	155.1	1.0	2.5	1.9
15770	ok	0.0	0.4	3.74e-02	10.1	10.1	5.7	5.7	-111.0	8.1	151.4	0.8	-3.7	2.0
15771	ok	0.0	0.4	3.72e-02	10.1	10.1	5.7	5.7	-93.0	0.5	147.1	0.6	-4.6	1.7
15772	ok	0.0	0.4	3.70e-02	10.1	10.1	5.7	5.7	9.3	-29.0	-169.4	-0.8	5.2	-1.5
15773	ok	0.0	0.4	3.84e-02	10.1	10.1	5.7	5.7	8.3	-12.2	-147.2	-3.1	4.2	0.3
15774	ok	0.0	0.5	4.50e-02	10.1	10.1	5.7	5.7	-169.8	-83.5	147.2	-9.8	-2.0	-1.6
15775	ok	0.0	0.5	4.25e-02	10.1	10.1	5.7	5.7	-165.8	-45.0	134.6	-5.8	-1.5	1.8
15776	ok	0.0	0.5	4.08e-02	10.1	10.1	5.7	5.7	-151.7	21.2	154.8	1.7	1.4	3.9
15777	ok	0.0	0.4	3.84e-02	10.1	10.1	5.7	5.7	-128.1	3.8	165.3	1.8	-1.6	3.4
15778	ok	0.0	0.4	3.82e-02	10.1	10.1	5.7	5.7	-114.8	-4.9	163.8	1.8	-2.0	2.5
15779	ok	0.0	0.4	3.79e-02	10.1	10.1	5.7	5.7	-88.5	-33.6	172.3	0.7	-2.7	1.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15780	ok	0.0	0.5	3.63e-02	10.1	10.1	5.7	5.7	17.7	40.2	-218.3	-7.2	-3.3	1.2
16962	ok	0.0	0.5	5.09e-02	10.1	10.1	5.7	5.7	-172.9	-70.5	187.1	5.7	2.8	-0.9
17079	ok	0.0	0.5	5.18e-02	10.1	10.1	5.7	5.7	-170.1	-89.5	151.2	-10.0	-2.1	-2.3
17081	ok	0.0	0.5	6.36e-02	20.1	20.1	5.7	5.7	-275.8	19.4	227.4	4.3	1.2	1.3
17082	ok	0.0	0.4	5.83e-02	20.1	20.1	5.7	5.7	-272.8	-20.9	215.0	3.6	-0.8	1.7
17084	ok	0.0	0.4	6.30e-02	10.1	10.1	5.7	5.7	-246.4	-16.0	236.5	5.6	1.7	0.9
17085	ok	0.0	0.4	4.66e-02	20.1	20.1	5.7	5.7	-24.9	5.9	-205.0	-5.3	2.3	-1.8
17086	ok	0.0	0.3	3.81e-02	20.1	20.1	5.7	5.7	-78.2	6.2	-205.8	-4.3	2.2	-1.4
17087	ok	0.0	0.4	3.97e-02	10.1	10.1	5.7	5.7	-19.6	4.1	-223.4	-4.1	1.2	-1.6
17088	ok	0.0	0.4	4.18e-02	10.1	10.1	5.7	5.7	-96.5	-36.4	190.9	3.8	1.1	0.4
17089	ok	0.0	0.4	6.20e-02	10.1	10.1	5.7	5.7	-228.4	-24.0	240.5	7.6	2.1	0.5
17091	ok	0.0	0.4	6.33e-02	10.1	10.1	5.7	5.7	-227.2	-42.4	230.1	9.9	3.2	1.1
17094	ok	0.0	0.6	7.16e-02	20.1	20.1	5.7	5.7	-357.5	-83.0	184.6	-22.9	-3.4	-2.7
17095	ok	0.0	0.4	4.65e-02	10.1	10.1	5.7	5.7	-129.6	14.0	186.2	6.0	2.7	0.8
17097	ok	0.0	0.5	6.83e-02	10.1	10.1	5.7	5.7	-291.8	-75.2	198.4	-16.0	-2.4	-2.7
17098	ok	0.0	0.9	6.59e-02	20.1	20.1	5.7	5.7	-254.8	-65.6	-227.2	23.3	5.1	0.8
17099	ok	0.0	0.4	6.75e-02	10.1	10.1	5.7	5.7	-261.9	-62.0	226.5	-10.0	-2.3	-3.2
17101	ok	0.0	0.4	6.89e-02	10.1	10.1	5.7	5.7	-267.9	-61.9	245.3	9.7	-0.2	-1.5
17497	ok	0.0	0.6	0.5	25.4	25.4	5.7	5.7	-3001.5	-282.1	-1293.4	40.9	2.2	13.6
17499	ok	0.0	0.7	0.5	10.1	10.1	5.7	5.7	-2656.1	-322.4	1149.2	21.8	-2.5	-2.7
17505	ok	0.0	1.0	4.37e-02	15.5	14.1	7.7	8.0	852.5	110.8	-124.2	-8.42e-02	4.2	-6.0
17507	ok	0.0	0.6	1.69e-02	12.7	12.7	5.7	5.7	92.7	185.4	34.7	-6.9	-1.1	0.6
17509	ok	0.0	1.0	5.53e-02	25.5	26.5	5.7	6.7	1180.9	348.9	318.5	3.4	-3.1	9.1
17518	ok	0.0	0.9	0.2	10.1	10.1	5.7	5.7	-1112.0	218.2	-166.5	15.7	8.2	0.1
17519	ok	0.0	0.5	0.2	25.4	25.4	5.7	5.7	-1472.2	-9.1	-22.9	12.8	-4.9	-4.6
17520	ok	0.0	0.3	0.2	25.4	25.4	5.7	5.7	-671.0	-719.3	-610.4	18.1	3.4	1.0
17521	ok	0.0	0.3	5.99e-02	12.7	12.7	5.7	5.7	-106.4	-302.3	45.4	23.2	5.5	-1.0
17522	ok	0.0	0.3	0.2	12.7	12.7	5.7	5.7	-374.5	-292.6	231.3	18.3	5.8	-1.8
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-3001.47	-719.31	-1293.39	-42.53	-16.63	-9.83
		0.0	0.99	0.50	25.46	26.46	10.70	9.74	1180.89	348.91	1149.24	43.16	26.08	13.63

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
255	ok Av	12.10	0.41	0.06	13.7	2.0	283.4	42.2
306	ok	5.54						
787	ok	1.61						
3297	ok	5.29						
3306	ok	2.30						
3311	ok	1.59						
3316	ok	3.60						
3345	ok	0.62						
3350	ok	0.48						
3355	ok	1.07						
3368	ok	2.18						
5491	ok	2.95						
10050	ok	1.22						
10148	ok Av	6.77	0.23	0.02	7.6	0.8	158.9	16.2
14173	ok Av	8.03	0.27	0.02	9.1	0.6	189.1	11.5
14802	ok	2.36						
15155	ok	2.10						
15167	ok	1.36						
15173	ok	0.67						
15189	ok	0.99						
15217	ok	0.95						
15224	ok	0.64						
15232	ok	0.90						
15581	ok	2.15						
15582	ok	2.38						
15583	ok	2.39						
15584	ok	1.56						
15585	ok	1.16						
15586	ok	1.97						
15587	ok	4.85						
15588	ok	1.42						
15589	ok	0.60						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15590	ok	0.49						
15591	ok	0.46						
15592	ok	0.61						
15593	ok	1.29						
15594	ok	1.24						
15595	ok	0.41						
15596	ok	0.35						
15597	ok	0.26						
15598	ok	0.23						
15599	ok	0.29						
15600	ok	0.38						
15601	ok	0.67						
15602	ok	1.70						
15603	ok	0.69						
15604	ok	0.73						
15605	ok	0.72						
15606	ok	0.78						
15607	ok	1.59						
15608	ok	0.76						
15609	ok	0.27						
15610	ok	0.20						
15611	ok	0.18						
15612	ok	0.16						
15613	ok	1.07						
15614	ok	0.46						
15615	ok	0.19						
15616	ok	0.16						
15617	ok	0.21						
15618	ok	0.23						
15619	ok	0.42						
15620	ok	0.28						
15621	ok	0.17						
15622	ok	0.16						
15623	ok	0.21						
15624	ok	0.22						
15625	ok	0.25						
15626	ok	0.49						
15627	ok	0.34						
15628	ok	0.17						
15629	ok	0.15						
15630	ok	0.21						
15631	ok	0.33						
15632	ok	0.46						
15633	ok	1.07						
15634	ok	0.43						
15635	ok	0.20						
15636	ok	0.19						
15637	ok	0.28						
15638	ok	0.58						
15639	ok	1.05						
15640	ok Av	6.81	0.16	0.18	5.4	5.8	111.0	120.4
15641	ok	5.10						
15642	ok	5.16						
15643	ok	5.15						
15644	ok	5.30						
15645	ok Av	8.48	0.25	0.15	8.4	4.9	173.8	101.9
15646	ok	5.59						
15647	ok	4.02						
15648	ok	3.53						
15649	ok	2.32						
15650	ok	1.10						
15651	ok	1.03						
15652	ok	1.93						
15653	ok	4.43						
15654	ok	0.95						
15655	ok	1.23						
15656	ok	1.39						
15657	ok	0.93						
15658	ok	0.82						
15659	ok	1.15						
15660	ok	1.22						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15661	ok	2.67						
15662	ok	1.07						
15663	ok	0.30						
15664	ok	0.46						
15665	ok	0.99						
15666	ok	1.18						
15667	ok	0.99						
15668	ok	2.03						
15669	ok	1.18						
15670	ok	1.06						
15671	ok	0.62						
15672	ok	0.55						
15673	ok	1.12						
15674	ok	3.18						
15675	ok	0.61						
15676	ok	0.22						
15677	ok	0.20						
15678	ok	0.25						
15679	ok	0.35						
15680	ok	0.74						
15681	ok	4.01						
15682	ok	3.48						
15683	ok	3.95						
15684	ok	4.29						
15685	ok	4.25						
15686	ok	6.16						
15687	ok	4.05						
15688	ok	2.38						
15689	ok	1.92						
15690	ok	1.03						
15691	ok	1.08						
15692	ok	2.08						
15693	ok	1.04						
15694	ok	0.92						
15695	ok	1.01						
15696	ok	0.80						
15697	ok	0.82						
15698	ok	1.07						
15699	ok	1.75						
15700	ok	0.56						
15701	ok	0.33						
15702	ok	0.65						
15703	ok	0.75						
15704	ok	1.06						
15705	ok	0.80						
15706	ok	0.79						
15707	ok	0.66						
15708	ok	0.20						
15709	ok	0.59						
15710	ok	1.47						
15711	ok	3.74						
15712	ok	3.17						
15713	ok	3.39						
15714	ok	3.56						
15715	ok	4.81						
15716	ok	4.17						
15717	ok	6.35						
15718	ok	1.54						
15719	ok	0.94						
15720	ok	2.02						
15721	ok	1.33						
15722	ok	1.06						
15723	ok	1.27						
15724	ok	3.39						
15725	ok	1.18						
15726	ok	0.95						
15727	ok	0.70						
15728	ok	0.58						
15729	ok	0.37						
15730	ok	0.47						
15731	ok	0.62						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15732	ok	2.04						
15733	ok	1.03						
15734	ok	0.58						
15735	ok	0.62						
15736	ok	0.63						
15737	ok	0.60						
15738	ok	2.16						
15739	ok	1.60						
15740	ok	0.35						
15741	ok	0.24						
15742	ok	0.23						
15743	ok	0.22						
15744	ok	0.39						
15745	ok	0.68						
15746	ok	0.27						
15747	ok	0.27						
15748	ok	0.19						
15749	ok	0.21						
15750	ok	0.26						
15751	ok	0.35						
15752	ok	0.84						
15753	ok	0.26						
15754	ok	0.24						
15755	ok	0.19						
15756	ok	0.20						
15757	ok	0.25						
15758	ok	0.29						
15759	ok	0.15						
15760	ok	0.56						
15761	ok	0.44						
15762	ok	0.21						
15763	ok	0.23						
15764	ok	0.26						
15765	ok	0.30						
15766	ok	0.87						
15767	ok	1.95						
15768	ok	1.06						
15769	ok	0.39						
15770	ok	0.28						
15771	ok	0.35						
15772	ok	0.55						
15773	ok	1.53						
15774	ok	1.35						
15775	ok	1.09						
15776	ok	0.37						
15777	ok	0.15						
15778	ok	0.32						
15779	ok	0.56						
15780	ok	0.89						
16962	ok	1.86						
17079	ok	1.33						
17081	ok	0.90						
17082	ok	2.25						
17084	ok	0.45						
17085	ok	0.72						
17086	ok	2.04						
17087	ok	0.38						
17088	ok	0.24						
17089	ok	0.48						
17091	ok	1.06						
17094	ok	4.20						
17095	ok	0.75						
17097	ok	1.43						
17098	ok	3.70						
17099	ok	1.21						
17101	ok	2.98						
17497	ok Av	17.55	0.59	0.17	19.9	5.5	410.8	114.5
17499	ok Av	15.93	0.54	0.19	18.1	6.3	375.9	131.0
17505	ok	4.05						
17507	ok	2.45						
17509	ok Av	5.73	0.19	0.04	6.4	1.4	131.7	28.7

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17518	ok Av	16.99	0.56	0.15	18.8	4.9	390.4	102.5
17519	ok Av	17.57	0.59	0.15	19.7	5.0	408.5	104.2
17520	ok	6.03						
17521	ok	2.67						
17522	ok	4.21						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		17.57	0.59	0.19	19.85	6.31	410.79	131.03

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
10	30.00	5	9	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
44	ok	0.0	0.8	0.6	25.4	25.4	5.7	5.7	-4189.9	-765.9	-1381.8	35.9	15.4	3.9
55	ok	0.0	0.7	6.79e-02	12.7	12.7	5.7	5.7	-204.8	21.3	321.1	21.9	4.6	-2.5
59	ok	0.0	0.7	7.26e-02	12.7	12.7	5.7	5.7	-255.3	11.3	295.8	8.0	1.7	-2.3
61	ok	0.0	0.8	8.19e-02	12.7	12.7	5.7	5.7	-269.7	101.5	328.9	34.2	8.7	-1.4
63	ok	0.0	0.9	0.2	25.4	25.4	5.7	5.7	-781.2	-194.4	-434.2	40.7	10.2	2.5
71	ok	0.0	0.9	0.4	25.4	25.4	5.7	5.7	-2827.1	-523.5	948.1	23.4	12.8	-2.6
75	ok	0.0	1.0	0.1	12.7	12.7	5.7	5.7	-537.1	-159.0	450.1	23.8	5.1	-1.3
77	ok	0.0	0.7	9.20e-02	12.7	12.7	5.7	5.7	-283.9	-44.1	403.6	22.0	5.0	-1.6
79	ok	0.0	0.7	7.35e-02	12.7	12.7	5.7	5.7	-202.1	10.1	355.8	21.3	4.6	-2.6
1347	ok	0.0	1.0	0.2	25.4	25.4	5.7	5.7	-731.4	-342.2	523.8	23.3	10.3	-1.1
5280	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-634.9	-123.7	209.7	30.1	2.8	5.4
5291	ok	0.0	0.8	8.53e-02	10.1	10.1	5.7	5.7	-254.1	-59.4	297.3	-3.6	-0.7	-1.5
5295	ok	0.0	0.8	8.66e-02	10.1	10.1	5.7	5.7	-268.7	-76.6	284.8	-2.6	-0.4	-1.0
5297	ok	0.0	0.8	8.91e-02	10.1	10.1	5.7	5.7	-292.2	-105.8	268.6	-10.4	-1.6	-1.5
5299	ok	0.0	0.7	9.49e-02	20.1	20.1	5.7	5.7	-163.4	-155.3	360.5	21.2	1.6	-0.9
5311	ok	0.0	1.0	8.54e-02	10.1	10.5	5.7	6.1	-288.5	-51.2	317.3	9.9	1.3	-1.8
5313	ok	0.0	0.9	8.29e-02	10.1	10.1	5.7	5.7	-289.8	-51.5	326.4	7.1	1.1	-2.5
5315	ok	0.0	0.8	8.46e-02	10.1	10.1	5.7	5.7	-288.4	-47.5	331.4	6.6	1.1	-1.8
6583	ok	0.0	1.0	0.1	20.1	20.1	5.7	8.4	-476.9	-141.3	132.6	12.5	3.9	-10.3
9937	ok	0.0	0.9	0.1	20.1	20.1	5.7	5.7	-798.1	-247.5	222.5	50.9	7.6	-4.1
9948	ok	0.0	0.7	5.64e-02	10.1	10.1	5.7	5.7	-108.7	44.6	-169.8	-31.2	-5.9	3.6
9952	ok	0.0	0.7	5.88e-02	10.1	10.1	5.7	5.7	-123.9	68.0	-162.8	-29.0	-5.2	4.7
9954	ok	0.0	0.7	6.13e-02	10.1	10.1	5.7	5.7	-135.4	100.2	-134.6	-25.6	-4.0	6.1
9956	ok	0.0	0.8	7.31e-02	20.1	20.1	5.7	5.7	-264.0	47.4	-122.3	-31.1	-5.0	7.0
9968	ok	0.0	1.0	7.57e-02	10.1	10.3	5.7	5.9	-201.7	0.2	-243.7	63.5	15.9	-7.1
9970	ok	0.0	0.8	5.80e-02	10.1	10.1	5.7	5.7	-103.0	8.0	-159.9	-40.8	-9.9	-1.6
9972	ok	0.0	0.7	5.52e-02	10.1	10.1	5.7	5.7	-102.6	14.4	-159.5	-34.6	-6.9	2.4
11044	ok	0.0	1.0	7.21e-02	20.1	20.1	5.7	7.0	-280.4	-7.2	-197.8	82.4	19.9	-10.3
13962	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-673.4	-204.1	237.7	33.1	4.5	-4.5
13973	ok	0.0	0.4	2.75e-02	10.1	10.1	5.7	5.7	-59.0	36.0	-108.7	24.5	5.5	1.2
13977	ok	0.0	0.5	3.00e-02	10.1	10.1	5.7	5.7	-66.1	-85.5	109.2	-6.91e-02	-0.3	0.1
13979	ok	0.0	0.6	3.26e-02	10.1	10.1	5.7	5.7	-66.9	-82.5	121.6	-2.9	-0.9	0.2
13981	ok	0.0	0.6	4.35e-02	20.1	20.1	5.7	5.7	144.8	93.9	167.8	24.0	4.0	-1.2
13993	ok	0.0	0.4	4.20e-02	10.1	10.1	5.7	5.7	-171.5	-63.3	-134.5	37.5	11.3	-2.6
13995	ok	0.0	0.4	2.83e-02	10.1	10.1	5.7	5.7	-86.9	-5.4	-118.3	28.4	7.7	-0.9
13997	ok	0.0	0.4	2.71e-02	10.1	10.1	5.7	5.7	-65.0	37.1	-125.5	25.0	5.8	1.3
14047	ok	0.0	0.9	6.29e-02	20.1	20.1	5.7	5.7	-350.3	-163.0	-127.1	132.5	16.7	14.6
14071	ok	0.0	0.5	3.39e-02	20.1	20.1	5.7	5.7	-194.2	-41.7	86.0	22.0	-10.0	-11.0
15069	ok	0.0	0.5	4.65e-02	20.1	20.1	5.7	5.7	-237.5	-36.6	-118.7	48.4	9.5	-4.2
15787	ok	0.0	0.9	0.1	20.1	20.1	5.7	5.7	-787.2	-309.6	211.6	40.9	-7.1	-3.1
15788	ok	0.0	0.5	8.16e-02	20.1	20.1	5.7	5.7	-299.9	-48.9	352.1	-3.2	-14.0	-0.9
15789	ok	0.0	0.4	6.93e-02	20.1	20.1	5.7	5.7	-234.8	9.3	331.3	-2.7	-6.1	1.6
15790	ok	0.0	0.4	7.09e-02	20.1	20.1	5.7	5.7	-273.5	-2.7	302.7	4.3	0.1	0.8
15791	ok	0.0	0.5	8.01e-02	20.1	20.1	5.7	5.7	-147.6	26.6	329.3	-3.8	3.9	-0.1
15792	ok	0.0	0.7	9.69e-02	20.1	20.1	5.7	5.7	-571.0	-119.4	231.5	26.2	4.8	-3.2
15793	ok	0.0	0.7	8.41e-02	20.1	20.1	5.7	5.7	-301.4	-88.0	190.9	13.9	-2.0	-2.9
15794	ok	0.0	0.6	8.36e-02	20.1	20.1	5.7	5.7	-297.2	10.9	317.0	-5.3	1.3	-1.2
15795	ok	0.0	0.5	8.44e-02	20.1	20.1	5.7	5.7	-241.3	-1.3	300.5	5.4	1.4	-1.0
15796	ok	0.0	0.5	7.92e-02	20.1	20.1	5.7	5.7	-240.8	-1.7	349.4	3.8	-1.2	-1.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15797	ok	0.0	0.7	8.25e-02	20.1	20.1	5.7	5.7	-218.0	-34.1	351.9	-1.9	-7.8	-3.4
15798	ok	0.0	0.7	8.68e-02	20.1	20.1	5.7	5.7	-229.5	119.7	-328.5	6.7	11.1	7.8
15799	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-737.8	-276.8	238.6	33.5	-10.1	-2.8
15800	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-416.9	-60.6	417.4	-2.4	-13.0	-1.1
15801	ok	0.0	0.4	9.92e-02	20.1	20.1	5.7	5.7	-496.7	8.0	350.8	2.1	-3.4	1.6
15802	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-746.7	-52.7	247.3	-4.2	-2.0	0.9
15803	ok	0.0	0.5	0.2	20.1	20.1	5.7	5.7	-828.5	0.1	245.2	-3.8	-2.4	1.4
15804	ok	0.0	0.7	0.2	20.1	20.1	5.7	5.7	-1483.8	-104.5	-274.4	3.4	-5.2	0.4
15805	ok	0.0	1.0	0.3	28.3	29.0	8.7	10.8	-2428.1	-189.5	-256.9	24.7	-5.4	4.1
15806	ok	0.0	1.0	0.3	25.4	25.4	5.7	5.7	-741.9	-486.2	-512.6	33.1	11.4	-3.9
15807	ok	0.0	0.9	0.2	20.1	20.1	5.7	5.7	-939.3	-162.9	-522.6	4.9	1.7	2.1
15808	ok	0.0	0.7	0.2	20.1	20.1	5.7	5.7	-842.8	-34.0	160.2	-2.0	-2.7	2.3
15809	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-684.7	-47.1	188.3	-6.2	-1.4	0.7
15810	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-436.6	-10.0	-432.0	-5.2	-0.8	-1.6
15811	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-373.2	16.3	-392.4	1.8	3.1	-1.5
15812	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-361.9	-129.2	338.8	-11.3	-4.7	-2.2
15813	ok	0.0	1.0	0.1	12.7	12.7	5.7	5.7	-424.8	-250.3	218.4	29.6	8.8	-3.1
15814	ok	0.0	0.9	0.1	10.1	10.1	5.7	5.7	-337.8	-243.2	-400.7	10.1	5.4	0.7
15815	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-504.3	-132.7	-388.1	-1.6	1.6	1.4
15816	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-358.8	-48.2	-478.3	-4.2	-0.8	-1.4
15817	ok	0.0	0.6	0.1	10.1	10.1	5.7	5.7	-345.6	-9.1	-450.8	-3.3	0.6	-1.8
15818	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-326.2	26.1	-444.9	2.9	3.0	0.4
15819	ok	0.0	0.8	9.88e-02	10.1	10.1	5.7	5.7	-338.7	-131.8	319.9	-5.3	-2.7	-0.6
15820	ok	0.0	0.9	9.54e-02	12.7	12.7	5.7	5.7	-257.6	-188.3	287.3	26.2	7.6	-2.1
15821	ok	0.0	0.8	0.1	10.1	10.1	5.7	5.7	-331.7	-200.3	280.1	13.2	4.8	-3.3
15822	ok	0.0	0.8	0.1	10.1	10.1	5.7	5.7	-410.0	-142.2	323.4	-5.0	0.5	-2.1
15823	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-429.6	-79.8	336.9	-10.0	-1.8	-2.3
15824	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-376.7	-43.0	343.7	-2.6	-0.6	-3.5
15825	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-269.8	11.5	-424.1	9.5	2.1	1.1
15826	ok	0.0	0.7	9.23e-02	10.1	10.1	5.7	5.7	-324.6	-60.3	322.2	-4.5	-0.6	-0.7
15827	ok	0.0	0.8	8.39e-02	12.7	12.7	5.7	5.7	-188.0	-150.5	318.3	28.3	5.7	-1.6
15828	ok	0.0	0.8	9.44e-02	10.1	10.1	5.7	5.7	-251.9	-186.6	328.7	15.8	5.0	-3.1
15829	ok	0.0	0.7	9.88e-02	10.1	10.1	5.7	5.7	-332.8	-145.8	349.6	-4.6	0.2	-2.2
15830	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-368.2	-82.5	347.1	-9.6	-1.8	-1.9
15831	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-357.0	-49.9	342.5	-3.2	-0.9	-2.3
15832	ok	0.0	0.7	9.78e-02	10.1	10.1	5.7	5.7	-340.2	-38.3	324.8	-6.1	-1.2	-2.7
15833	ok	0.0	0.8	9.18e-02	10.1	10.1	5.7	5.7	-308.6	-75.3	362.4	6.4	1.8	-1.3
15834	ok	0.0	0.8	9.83e-02	12.7	12.7	5.7	5.7	-251.6	-143.9	355.0	19.0	4.9	-1.8
15835	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-244.8	-172.8	382.9	14.8	4.6	-3.1
15836	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-317.4	-135.9	392.1	-4.4	0.1	-2.3
15837	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-352.1	-76.4	374.6	-8.8	-1.8	-1.4
15838	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-327.9	-22.2	365.7	-2.2	-0.8	-1.8
15839	ok	0.0	0.7	9.59e-02	10.1	10.1	5.7	5.7	-303.0	-14.3	339.9	-2.7	-0.9	-2.1
15840	ok	0.0	0.8	9.00e-02	10.1	10.1	5.7	5.7	-314.3	-58.8	353.3	7.2	1.8	-2.0
15841	ok	0.0	0.8	0.1	12.7	12.7	5.7	5.7	-329.7	-185.0	421.8	20.6	6.0	-0.3
15842	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-397.7	-134.9	440.5	9.6	3.4	-2.3
15843	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-401.1	-37.6	404.0	-3.0	0.2	-3.0
15844	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-427.7	-26.5	379.8	-6.1	-1.3	-1.6
15845	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-345.8	-10.3	349.2	-1.7	-0.4	-1.6
15846	ok	0.0	0.7	9.41e-02	10.1	10.1	5.7	5.7	-308.7	7.1	319.8	-4.1	-1.0	-1.9
15847	ok	0.0	0.9	8.75e-02	10.1	10.1	5.7	5.7	-319.9	-48.0	336.8	8.2	2.0	-2.8
15848	ok	0.0	0.8	0.2	12.7	12.7	5.7	5.7	-626.0	-248.4	469.2	25.3	6.7	-0.2
15849	ok	0.0	0.8	0.1	10.1	10.1	5.7	5.7	-647.5	-101.5	469.4	7.2	3.2	-2.0
15850	ok	0.0	0.8	0.1	10.1	10.1	5.7	5.7	-471.6	-14.5	409.4	-0.6	0.9	-3.3
15851	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-402.2	-10.1	369.7	-3.8	-0.9	-1.4
15852	ok	0.0	0.7	9.91e-02	10.1	10.1	5.7	5.7	-411.4	-15.7	356.6	-1.9	-1.5	-1.5
15853	ok	0.0	0.6	9.02e-02	10.1	10.1	5.7	5.7	-301.8	25.6	326.0	-6.0	-2.0	1.2
15854	ok	0.0	1.0	8.38e-02	10.1	10.9	5.7	6.5	-320.1	-46.8	312.3	9.7	1.8	-2.5
15855	ok	0.0	0.3	7.14e-02	20.1	20.1	5.7	5.7	-355.3	-27.2	197.5	-17.2	-7.1	0.5
15856	ok	0.0	0.4	8.45e-02	20.1	20.1	5.7	5.7	-377.5	-20.7	328.1	2.4	-0.7	-4.7
15857	ok	0.0	0.4	7.89e-02	20.1	20.1	5.7	5.7	-300.5	10.7	339.9	-4.2	-3.4	-0.6
15858	ok	0.0	0.4	8.44e-02	20.1	20.1	5.7	5.7	-372.8	-17.0	282.2	-3.0	-1.3	-1.8
15859	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-471.5	27.1	273.5	-0.1	-1.4	-1.7
15860	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-922.0	-25.8	247.4	4.0	-3.1	-0.9
15861	ok	0.0	1.0	0.2	28.4	26.9	8.6	7.1	-1536.8	-6.2	126.6	27.9	4.2	-1.7
15862	ok	0.0	0.8	0.2	25.4	25.4	5.7	5.7	-1158.3	-251.8	549.7	29.2	6.2	2.7
15863	ok	0.0	0.9	0.2	20.1	20.1	5.7	5.7	-883.1	-79.7	342.4	4.2	-3.3	-1.6
15864	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-607.5	-17.8	299.1	-0.7	-1.8	-1.8
15865	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-400.1	-5.6	326.3	-3.3	-1.2	-1.8
15866	ok	0.0	0.7	9.35e-02	20.1	20.1	5.7	5.7	-407.1	-6.0	322.8	-2.8	-1.8	-1.8
15867	ok	0.0	0.6	8.94e-02	20.1	20.1	5.7	5.7	-279.1	61.0	330.9	-7.4	-2.9	0.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15868	ok	0.0	1.0	0.1	20.1	20.1	5.7	7.8	-369.2	-56.4	162.9	10.2	6.8	-1.7
15869	ok	0.0	0.5	5.21e-02	20.1	20.1	5.7	5.7	-194.6	11.3	174.5	24.0	7.9	-1.3
15870	ok	0.0	0.4	5.35e-02	20.1	20.1	5.7	5.7	-211.5	5.4	234.4	-2.5	1.8	-1.7
15871	ok	0.0	0.3	5.27e-02	20.1	20.1	5.7	5.7	-209.7	-17.9	217.2	2.7	-0.7	-1.6
15872	ok	0.0	0.4	5.66e-02	20.1	20.1	5.7	5.7	-180.8	-9.8	-236.9	-3.0	-5.5	1.4
15873	ok	0.0	0.4	5.65e-02	20.1	20.1	5.7	5.7	-186.6	-8.1	-174.8	-2.8	-10.3	8.6
15874	ok	0.0	0.6	4.77e-02	20.1	20.1	5.7	5.7	-296.5	-38.2	-98.6	93.3	0.3	-24.7
15875	ok	0.0	1.0	7.87e-02	20.1	20.1	5.7	6.4	-316.1	-88.0	-242.7	56.7	18.1	-11.1
15876	ok	0.0	0.6	7.32e-02	20.1	20.1	5.7	5.7	-261.1	-25.9	-169.1	-4.2	-8.9	6.5
15877	ok	0.0	0.5	5.90e-02	20.1	20.1	5.7	5.7	-158.0	-7.2	-273.5	-5.1	-4.6	2.7
15878	ok	0.0	0.5	5.84e-02	20.1	20.1	5.7	5.7	-136.9	-9.7	-236.9	3.8	0.2	4.0
15879	ok	0.0	0.6	6.15e-02	20.1	20.1	5.7	5.7	-217.4	-1.7	252.7	-1.2	1.5	-1.1
15880	ok	0.0	0.8	6.97e-02	20.1	20.1	5.7	5.7	-281.8	-11.9	256.7	12.8	5.1	1.5
15881	ok	0.0	1.0	6.65e-02	10.1	10.3	5.7	5.9	-159.5	-25.4	-226.6	52.8	18.0	-8.1
15882	ok	0.0	0.5	6.52e-02	10.1	10.1	5.7	5.7	-189.9	-25.4	-283.2	2.7	3.9	3.7
15883	ok	0.0	0.5	6.35e-02	10.1	10.1	5.7	5.7	-175.0	-12.2	-256.6	-3.8	-1.9	5.9
15884	ok	0.0	0.6	6.25e-02	10.1	10.1	5.7	5.7	-180.8	-5.0	282.1	-1.3	-0.3	0.3
15885	ok	0.0	0.7	6.67e-02	10.1	10.1	5.7	5.7	-193.0	7.3	244.0	-3.4	-0.5	-1.6
15886	ok	0.0	0.8	7.43e-02	10.1	10.1	5.7	5.7	-278.6	-9.8	271.7	7.4	1.5	0.2
15887	ok	0.0	0.8	7.34e-02	10.1	10.1	5.7	5.7	-231.9	-23.2	302.3	-4.5	-1.5	-0.4
15888	ok	0.0	0.7	7.00e-02	10.1	10.1	5.7	5.7	-210.4	-9.0	295.4	-5.4	-1.1	0.7
15889	ok	0.0	0.6	6.72e-02	10.1	10.1	5.7	5.7	-205.7	-12.1	295.1	-1.6	-0.6	0.3
15890	ok	0.0	0.5	6.62e-02	10.1	10.1	5.7	5.7	-157.5	-8.6	-289.6	-1.1	1.9	4.9
15891	ok	0.0	0.5	6.50e-02	10.1	10.1	5.7	5.7	-162.8	-20.7	-290.3	9.5	7.9	2.5
15892	ok	0.0	0.8	6.21e-02	10.1	10.1	5.7	5.7	-143.9	-15.3	-272.3	33.8	9.2	-0.9
15893	ok	0.0	0.8	7.41e-02	10.1	10.1	5.7	5.7	-235.2	-28.7	305.6	-4.5	-1.5	-1.9
15894	ok	0.0	0.6	7.15e-02	10.1	10.1	5.7	5.7	-217.0	-1.7	313.0	-6.2	-1.7	0.1
15895	ok	0.0	0.6	7.00e-02	10.1	10.1	5.7	5.7	-216.1	-5.8	308.7	-3.3	-0.7	0.8
15896	ok	0.0	0.5	6.95e-02	10.1	10.1	5.7	5.7	-190.1	-13.9	319.2	0.6	1.2	0.9
15897	ok	0.0	0.6	6.66e-02	10.1	10.1	5.7	5.7	-157.8	-18.3	-285.9	12.7	8.2	1.7
15898	ok	0.0	0.7	6.05e-02	10.1	10.1	5.7	5.7	-140.8	15.0	-275.0	28.7	6.7	2.6
15899	ok	0.0	0.8	7.48e-02	10.1	10.1	5.7	5.7	-246.8	-36.1	304.9	-4.3	-1.3	-1.5
15900	ok	0.0	0.6	7.42e-02	10.1	10.1	5.7	5.7	-231.8	4.7	322.4	-6.3	-1.9	-0.1
15901	ok	0.0	0.5	7.30e-02	10.1	10.1	5.7	5.7	-228.8	-4.6	320.3	-4.2	-0.8	-0.3
15902	ok	0.0	0.6	7.32e-02	10.1	10.1	5.7	5.7	-182.6	-14.2	332.1	1.55e-02	1.7	-2.3
15903	ok	0.0	0.6	7.15e-02	10.1	10.1	5.7	5.7	-158.2	-20.7	-284.2	12.9	6.9	1.5
15904	ok	0.0	0.6	6.46e-02	10.1	10.1	5.7	5.7	-147.2	15.6	-261.4	25.5	6.0	4.0
15905	ok	0.0	0.7	7.71e-02	10.1	10.1	5.7	5.7	-262.7	-34.4	313.0	-3.6	-0.9	-1.3
15906	ok	0.0	0.6	7.60e-02	10.1	10.1	5.7	5.7	-249.4	19.0	329.2	-5.9	-2.1	-0.3
15907	ok	0.0	0.5	7.64e-02	10.1	10.1	5.7	5.7	-245.9	-2.0	329.9	-4.3	-1.0	-1.2
15908	ok	0.0	0.5	7.60e-02	10.1	10.1	5.7	5.7	-213.7	-17.2	344.4	3.5	1.6	-1.9
15909	ok	0.0	0.6	7.64e-02	10.1	10.1	5.7	5.7	-165.9	-49.0	311.8	-3.7	2.8	-2.8
15910	ok	0.0	0.6	7.06e-02	10.1	10.1	5.7	5.7	-158.9	40.3	-259.8	23.7	3.3	5.1
15911	ok	0.0	0.7	7.76e-02	10.1	10.1	5.7	5.7	-280.6	44.9	269.8	-7.0	-2.3	-1.3
15912	ok	0.0	0.6	7.86e-02	10.1	10.1	5.7	5.7	-266.8	31.3	342.9	-6.1	-1.8	-0.6
15913	ok	0.0	0.5	7.98e-02	10.1	10.1	5.7	5.7	-256.7	-2.2	346.5	-4.6	-1.2	-1.1
15914	ok	0.0	0.5	7.87e-02	10.1	10.1	5.7	5.7	-229.2	-15.6	353.1	3.8	1.0	-2.4
15915	ok	0.0	0.6	8.07e-02	10.1	10.1	5.7	5.7	-185.4	-49.7	337.4	-5.6	-1.6	-3.0
15916	ok	0.0	0.7	8.04e-02	10.1	10.1	5.7	5.7	-158.9	-167.9	244.1	13.4	3.8	0.1
15917	ok	0.0	0.6	5.93e-02	20.1	20.1	5.7	5.7	-372.3	-140.9	94.3	40.6	7.4	1.5
15918	ok	0.0	0.6	4.29e-02	20.1	20.1	5.7	5.7	-260.7	-92.1	-84.1	13.9	7.6	1.1
15919	ok	0.0	0.4	3.65e-02	20.1	20.1	5.7	5.7	-40.3	40.8	196.8	2.2	7.7	-1.2
15920	ok	0.0	0.3	3.53e-02	20.1	20.1	5.7	5.7	-101.0	14.4	180.4	0.8	4.4	1.0
15921	ok	0.0	0.2	3.79e-02	20.1	20.1	5.7	5.7	-118.7	-1.7	184.2	-0.8	-0.5	1.1
15922	ok	0.0	0.3	5.38e-02	20.1	20.1	5.7	5.7	-264.0	-53.6	178.0	0.2	-7.6	-0.7
15923	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-663.6	-232.0	214.3	27.1	2.59e-02	-1.6
15924	ok	0.0	0.4	4.77e-02	20.1	20.1	5.7	5.7	84.3	-121.4	200.8	19.0	-0.3	3.8
15925	ok	0.0	0.4	4.54e-02	20.1	20.1	5.7	5.7	-113.6	-25.5	182.0	1.8	-4.5	-2.2
15926	ok	0.0	0.3	4.19e-02	20.1	20.1	5.7	5.7	-108.7	-0.2	180.3	-1.1	-1.0	-0.9
15927	ok	0.0	0.3	3.94e-02	20.1	20.1	5.7	5.7	-108.6	14.5	178.9	1.0	1.6	-0.9
15928	ok	0.0	0.3	3.85e-02	20.1	20.1	5.7	5.7	-130.9	26.7	190.2	0.6	2.2	-1.0
15929	ok	0.0	0.4	4.23e-02	20.1	20.1	5.7	5.7	-40.5	-45.9	-97.2	5.6	-2.4	-0.3
15930	ok	0.0	0.6	4.84e-02	20.1	20.1	5.7	5.7	-258.7	62.4	-125.1	-30.2	-6.1	6.9
15931	ok	0.0	0.4	3.80e-02	10.1	10.1	5.7	5.7	-57.2	-56.1	-138.0	18.8	6.1	3.2
15932	ok	0.0	0.4	4.03e-02	10.1	10.1	5.7	5.7	-34.2	-38.4	190.3	1.0	1.2	-1.4
15933	ok	0.0	0.3	3.93e-02	10.1	10.1	5.7	5.7	-83.9	-1.9	189.5	-1.1	-0.9	-1.0
15934	ok	0.0	0.3	3.89e-02	10.1	10.1	5.7	5.7	-105.0	16.3	180.3	-1.1	-1.0	-0.7
15935	ok	0.0	0.3	3.80e-02	10.1	10.1	5.7	5.7	-124.4	35.1	176.0	-1.5	-1.3	4.32e-02
15936	ok	0.0	0.5	3.80e-02	10.1	10.1	5.7	5.7	-166.3	74.0	109.9	-6.5	-4.1	2.5
15937	ok	0.0	0.6	4.15e-02	10.1	10.1	5.7	5.7	-143.3	73.9	-136.9	-26.8	-5.5	4.3
15939	ok	0.0	0.3	2.72e-02	20.1	20.1	5.7	5.7	-109.3	-6.7	-114.9	-1.5	-6.7	2.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15940	ok	0.0	0.2	3.34e-02	20.1	20.1	5.7	5.7	-127.9	-7.6	-145.3	4.2	-0.2	1.4
15941	ok	0.0	0.2	2.82e-02	20.1	20.1	5.7	5.7	-109.2	3.4	-124.2	0.6	3.5	1.9
15942	ok	0.0	0.2	2.60e-02	20.1	20.1	5.7	5.7	-99.0	9.1	-111.0	3.8	7.4	1.7
15943	ok	0.0	0.3	2.11e-02	20.1	20.1	5.7	5.7	23.2	12.4	103.4	18.9	8.9	0.9
15944	ok	0.0	0.6	1.97e-02	20.1	20.1	5.7	5.7	-95.6	-26.6	-20.8	-64.9	-2.6	-0.7
15945	ok	0.0	1.0	4.03e-02	20.1	20.1	5.7	5.7	-162.9	29.3	2.8	-44.6	-14.9	-5.6
15946	ok	0.0	0.4	2.74e-02	20.1	20.1	5.7	5.7	-39.3	21.9	-146.8	-15.5	-6.9	-4.0
15947	ok	0.0	0.3	2.89e-02	20.1	20.1	5.7	5.7	-80.2	7.0	-112.8	-1.1	3.2	3.4
15948	ok	0.0	0.3	3.08e-02	20.1	20.1	5.7	5.7	-101.6	1.9	-123.4	5.18e-02	1.9	3.9
15949	ok	0.0	0.3	3.14e-02	20.1	20.1	5.7	5.7	-91.4	1.2	-126.9	-1.1	-2.4	3.6
15950	ok	0.0	0.3	4.09e-02	20.1	20.1	5.7	5.7	-166.1	-13.5	-67.8	2.5	-6.4	3.7
15951	ok	0.0	0.4	5.37e-02	20.1	20.1	5.7	5.7	-276.5	-86.5	-123.9	19.9	9.0	-6.8
15952	ok	0.0	0.5	4.00e-02	10.1	10.1	5.7	5.7	-110.4	-33.8	-144.1	26.4	11.5	-4.7
15953	ok	0.0	0.3	3.41e-02	10.1	10.1	5.7	5.7	-120.8	-3.8	-130.9	3.7	1.6	4.4
15954	ok	0.0	0.3	3.28e-02	10.1	10.1	5.7	5.7	-104.9	-0.2	-124.3	-1.3	-1.2	5.0
15955	ok	0.0	0.3	3.12e-02	10.1	10.1	5.7	5.7	-90.7	7.4	-144.8	-1.1	-2.4	4.6
15956	ok	0.0	0.4	3.10e-02	10.1	10.1	5.7	5.7	-76.1	13.9	-155.6	-5.8	-5.9	2.3
15957	ok	0.0	0.5	3.11e-02	10.1	10.1	5.7	5.7	-57.2	22.9	-164.5	-22.5	-12.1	-4.8
15958	ok	0.0	0.8	3.23e-02	10.1	10.1	5.7	5.7	-54.7	17.3	-168.1	-52.2	-13.9	-5.9
15959	ok	0.0	0.4	3.36e-02	10.1	10.1	5.7	5.7	-84.5	-33.8	-122.1	25.5	8.4	-2.3
15960	ok	0.0	0.3	3.33e-02	10.1	10.1	5.7	5.7	-93.2	-5.3	-136.1	7.2	4.2	2.8
15961	ok	0.0	0.3	3.27e-02	10.1	10.1	5.7	5.7	-89.3	2.2	-142.0	1.5	-1.2	3.8
15962	ok	0.0	0.4	3.24e-02	10.1	10.1	5.7	5.7	-89.3	7.7	-146.2	-3.9	-4.1	3.0
15963	ok	0.0	0.4	3.30e-02	10.1	10.1	5.7	5.7	-91.9	14.9	-155.3	-11.4	-8.1	0.3
15964	ok	0.0	0.5	3.42e-02	10.1	10.1	5.7	5.7	-98.4	17.6	-163.1	-25.9	-11.5	-3.1
15965	ok	0.0	0.6	3.54e-02	10.1	10.1	5.7	5.7	-103.9	9.3	-160.9	-39.5	-10.5	-1.8
15966	ok	0.0	0.4	3.01e-02	10.1	10.1	5.7	5.7	-67.8	-35.5	-120.0	23.7	5.9	-0.4
15967	ok	0.0	0.3	3.28e-02	10.1	10.1	5.7	5.7	-76.6	-7.8	-134.7	9.0	4.2	1.5
15968	ok	0.0	0.3	3.26e-02	10.1	10.1	5.7	5.7	-84.6	6.2	-145.5	1.5	-1.2	7.09e-02
15969	ok	0.0	0.3	3.27e-02	10.1	10.1	5.7	5.7	-92.2	9.3	-151.3	-5.7	-4.6	0.9
15970	ok	0.0	0.4	3.28e-02	10.1	10.1	5.7	5.7	-94.9	17.4	-156.5	-13.6	-7.3	-9.98e-02
15971	ok	0.0	0.5	3.40e-02	10.1	10.1	5.7	5.7	-100.5	22.7	-160.8	-24.3	-8.1	-0.9
15972	ok	0.0	0.6	3.59e-02	10.1	10.1	5.7	5.7	-102.6	16.9	-160.7	-33.5	-7.2	2.1
15973	ok	0.0	0.4	3.06e-02	10.1	10.1	5.7	5.7	-60.7	20.4	-110.6	22.4	5.4	0.2
15974	ok	0.0	0.3	3.32e-02	10.1	10.1	5.7	5.7	-70.7	-18.1	-139.8	9.3	3.4	0.3
15975	ok	0.0	0.3	3.27e-02	10.1	10.1	5.7	5.7	-82.8	5.8	-140.3	1.4	-1.1	-0.9
15976	ok	0.0	0.3	3.30e-02	10.1	10.1	5.7	5.7	-96.3	10.7	-147.7	-5.9	-3.6	-9.97e-02
15977	ok	0.0	0.4	3.39e-02	10.1	10.1	5.7	5.7	-104.1	22.2	-150.4	-13.2	-5.4	0.1
15978	ok	0.0	0.5	3.56e-02	10.1	10.1	5.7	5.7	-109.2	28.7	-157.7	-22.2	-6.2	1.4
15979	ok	0.0	0.6	3.82e-02	10.1	10.1	5.7	5.7	-107.3	44.3	-156.3	-27.5	-5.6	3.4
15980	ok	0.0	0.4	3.25e-02	10.1	10.1	5.7	5.7	-63.0	35.4	-121.4	18.4	4.5	1.9
15981	ok	0.0	0.3	3.62e-02	10.1	10.1	5.7	5.7	-74.4	-21.8	-130.4	7.3	3.2	-0.2
15982	ok	0.0	0.3	3.63e-02	10.1	10.1	5.7	5.7	-85.1	8.3	-144.5	1.2	-0.6	-2.1
15983	ok	0.0	0.3	3.59e-02	10.1	10.1	5.7	5.7	-93.6	13.6	171.1	-1.5	-1.3	-0.5
15984	ok	0.0	0.3	3.55e-02	10.1	10.1	5.7	5.7	-115.2	24.2	-141.8	-11.4	-4.1	0.3
15985	ok	0.0	0.5	3.71e-02	10.1	10.1	5.7	5.7	-116.9	43.5	-143.3	-15.5	-4.6	2.3
15986	ok	0.0	0.6	4.05e-02	10.1	10.1	5.7	5.7	-131.1	-71.7	134.1	-6.5	-1.2	0.1
16713	ok	0.0	0.7	7.43e-02	20.1	20.1	5.7	5.7	-390.3	-61.8	71.7	16.0	2.2	0.9
16730	ok	0.0	0.3	8.10e-02	20.1	20.1	5.7	5.7	-571.2	-126.4	8.6	64.4	-2.9	7.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-4189.88	-765.94	-1381.76	-64.91	-14.92	-24.72
		0.0	1.00	0.64	28.36	29.05	8.72	10.83	144.76	119.66	948.13	132.52	19.87	14.58

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
44	ok Av	9.14	0.25	0.19	8.4	6.2	173.3	127.4
55	ok	1.08						
59	ok	1.12						
61	ok	2.20						
63	ok Av	7.67	0.22	0.16	7.4	5.3	152.1	108.9
71	ok Av	10.72	0.36	0.07	12.0	2.3	248.5	47.9
75	ok	2.81						
77	ok	1.52						
79	ok	1.14						
1347	ok Av	5.67	0.19	0.03	6.3	1.1	131.3	21.9
5280	ok Av	14.92	0.51	0.09	16.9	2.9	350.2	60.0

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
5291	ok	0.94						
5295	ok	0.95						
5297	ok	1.20						
5299	ok	3.77						
5311	ok	3.49						
5313	ok	1.34						
5315	ok	0.97						
6583	ok Av	8.81	0.30	0.08	9.9	2.5	206.5	52.9
9937	ok Av	16.85	0.57	0.05	19.1	1.8	397.7	36.7
9948	ok	0.83						
9952	ok	0.88						
9954	ok	1.08						
9956	ok	3.74						
9968	ok	4.31						
9970	ok	1.42						
9972	ok	0.93						
11044	ok Av	11.75	0.40	0.18	13.3	6.1	277.2	126.2
13962	ok Av	9.03	0.31	0.04	10.2	1.2	212.4	24.5
13973	ok	0.98						
13977	ok	1.07						
13979	ok	1.65						
13981	ok	2.69						
13993	ok	3.93						
13995	ok	1.43						
13997	ok	0.85						
14047	ok Av	30.62	1.00	0.19	37.1	6.4	692.2	133.7
14071	ok Av	21.26	0.69	0.30	22.8	10.1	474.6	209.3
15069	ok Av	12.59	0.43	0.10	14.2	3.3	294.1	67.6
15787	ok Av	15.27	0.50	0.14	16.7	4.7	347.3	97.9
15788	ok	2.41						
15789	ok	1.91						
15790	ok	1.86						
15791	ok	1.54						
15792	ok Av	9.28	0.31	0.08	10.2	2.8	211.4	57.3
15793	ok	2.60						
15794	ok	1.61						
15795	ok	1.03						
15796	ok	1.09						
15797	ok	2.14						
15798	ok	4.29						
15799	ok Av	12.69	0.40	0.16	13.4	5.4	278.1	111.2
15800	ok	2.17						
15801	ok	1.58						
15802	ok	2.02						
15803	ok	1.34						
15804	ok	1.27						
15805	ok Av	9.87	0.31	0.18	10.6	6.0	218.6	125.6
15806	ok Av	6.64	0.17	0.15	5.8	4.9	119.2	100.5
15807	ok	1.79						
15808	ok	1.12						
15809	ok	1.08						
15810	ok	1.06						
15811	ok	2.40						
15812	ok	4.55						
15813	ok	1.94						
15814	ok	2.01						
15815	ok	1.07						
15816	ok	0.91						
15817	ok	0.78						
15818	ok	1.50						
15819	ok	1.54						
15820	ok	1.36						
15821	ok	1.28						
15822	ok	1.18						
15823	ok	1.09						
15824	ok	0.85						
15825	ok	0.95						
15826	ok	1.03						
15827	ok	1.05						
15828	ok	1.08						
15829	ok	1.10						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15830	ok	1.12						
15831	ok	0.91						
15832	ok	0.95						
15833	ok	0.98						
15834	ok	1.04						
15835	ok	1.06						
15836	ok	1.02						
15837	ok	0.99						
15838	ok	0.97						
15839	ok	1.02						
15840	ok	1.09						
15841	ok	1.23						
15842	ok	1.39						
15843	ok	0.87						
15844	ok	0.74						
15845	ok	0.92						
15846	ok	1.48						
15847	ok	1.56						
15848	ok	3.16						
15849	ok	1.59						
15850	ok	0.46						
15851	ok	0.51						
15852	ok	0.63						
15853	ok	2.39						
15854	ok	3.64						
15855	ok Av	18.63	0.64	0.29	21.2	9.6	439.5	200.2
15856	ok Av	8.08	0.26	0.10	8.6	3.2	179.2	65.6
15857	ok	3.76						
15858	ok	2.09						
15859	ok	1.87						
15860	ok	1.66						
15861	ok Av	8.26	0.28	0.19	9.3	6.4	191.5	132.0
15862	ok Av	6.23	0.15	0.15	5.0	5.0	103.7	103.5
15863	ok	1.15						
15864	ok	0.81						
15865	ok	0.64						
15866	ok	0.91						
15867	ok	2.08						
15868	ok Av	12.44	0.41	0.20	13.6	6.5	282.2	135.0
15869	ok Av	8.13	0.26	0.09	8.7	3.0	181.6	62.0
15870	ok	2.61						
15871	ok	2.62						
15872	ok	2.48						
15873	ok	2.43						
15874	ok Av	18.17	0.50	0.40	16.7	13.1	347.0	272.8
15875	ok Av	13.12	0.43	0.19	14.3	6.2	298.1	128.8
15876	ok	2.63						
15877	ok	1.11						
15878	ok	0.79						
15879	ok	1.41						
15880	ok	5.38						
15881	ok	4.25						
15882	ok	2.08						
15883	ok	0.45						
15884	ok	0.69						
15885	ok	1.54						
15886	ok	2.42						
15887	ok	1.26						
15888	ok	1.14						
15889	ok	0.95						
15890	ok	0.64						
15891	ok	1.38						
15892	ok	1.68						
15893	ok	1.01						
15894	ok	0.90						
15895	ok	0.82						
15896	ok	0.80						
15897	ok	0.90						
15898	ok	1.11						
15899	ok	0.92						
15900	ok	0.84						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15901	ok	0.82						
15902	ok	0.83						
15903	ok	0.85						
15904	ok	0.94						
15905	ok	0.89						
15906	ok	0.84						
15907	ok	0.76						
15908	ok	0.71						
15909	ok	0.82						
15910	ok	0.97						
15911	ok	1.14						
15912	ok	1.26						
15913	ok	0.78						
15914	ok	0.64						
15915	ok	1.33						
15916	ok	1.43						
15917	ok Av	11.68	0.40	0.04	13.2	1.2	275.3	24.4
15918	ok	5.35						
15919	ok	1.54						
15920	ok	0.81						
15921	ok	0.92						
15922	ok	1.34						
15923	ok Av	9.13	0.30	0.08	10.1	2.5	208.9	52.9
15924	ok	2.80						
15925	ok	1.28						
15926	ok	0.46						
15927	ok	0.49						
15928	ok	1.44						
15929	ok	2.88						
15930	ok	2.28						
15931	ok	0.94						
15932	ok	0.90						
15933	ok	0.37						
15934	ok	0.56						
15935	ok	1.13						
15936	ok	1.07						
15937	ok	1.15						
15939	ok	5.32						
15940	ok	2.16						
15941	ok	2.04						
15942	ok	2.71						
15943	ok Av	6.71	0.13	0.19	4.2	6.4	87.7	133.4
15944	ok Av	25.96	0.85	0.29	28.2	9.7	586.1	201.5
15945	ok Av	11.81	0.39	0.14	13.0	4.6	269.2	96.2
15946	ok Av	6.23	0.15	0.15	4.9	5.1	102.6	105.3
15947	ok	1.53						
15948	ok	0.57						
15949	ok	0.92						
15950	ok	1.10						
15951	ok Av	6.87	0.21	0.20	7.0	6.6	145.7	136.5
15952	ok	2.75						
15953	ok	1.05						
15954	ok	0.21						
15955	ok	0.52						
15956	ok	1.72						
15957	ok	3.52						
15958	ok	3.93						
15959	ok	1.08						
15960	ok	0.89						
15961	ok	0.49						
15962	ok	0.72						
15963	ok	1.25						
15964	ok	1.43						
15965	ok	1.61						
15966	ok	0.72						
15967	ok	0.65						
15968	ok	0.62						
15969	ok	0.70						
15970	ok	0.85						
15971	ok	0.99						
15972	ok	0.98						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15973	ok	0.63						
15974	ok	0.60						
15975	ok	0.61						
15976	ok	0.66						
15977	ok	0.77						
15978	ok	0.87						
15979	ok	0.87						
15980	ok	0.66						
15981	ok	0.58						
15982	ok	0.53						
15983	ok	0.62						
15984	ok	0.77						
15985	ok	0.88						
15986	ok	0.90						
16713	ok Av	31.36	1.00	0.30	39.3	10.0	699.7	208.4
16730	ok Av	9.49	0.32	0.04	10.8	1.2	223.7	25.8
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		31.36	1.00	0.40	39.28	13.13	699.69	272.81

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
11	30.00	5	9	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
41	ok	0.0	1.0	0.2	25.4	27.0	5.7	7.2	-770.0	-163.7	-547.1	-37.4	-10.6	-2.9
44	ok	0.0	0.8	0.7	25.4	25.4	5.7	5.7	-4297.0	-800.8	-1439.2	-34.7	6.1	-10.3
81	ok	0.0	0.9	7.86e-02	12.7	12.7	5.7	5.7	-65.7	-38.8	-441.9	-26.2	-8.5	-3.4
101	ok	0.0	0.7	6.99e-02	12.7	12.7	5.7	5.7	-132.1	5.1	333.0	-13.5	-2.9	-1.3
103	ok	0.0	0.8	5.10e-02	12.7	12.7	5.7	5.7	24.0	65.6	-286.3	-19.0	-4.0	-3.2
104	ok	0.0	0.7	5.69e-02	12.7	12.7	5.7	5.7	-70.5	28.3	285.7	-17.8	-3.8	-1.6
145	ok	0.0	1.0	0.1	12.7	17.6	5.7	8.7	818.1	-28.2	-88.3	21.7	4.4	-2.5
157	ok	0.0	0.9	3.79e-02	25.4	25.4	5.7	5.7	-116.7	-30.6	161.1	7.3	-0.3	1.2
159	ok	0.0	0.9	0.5	12.7	12.7	5.7	5.7	-2756.9	-411.1	-1334.6	10.5	0.4	-6.0
160	ok	0.0	1.0	0.1	12.7	17.7	5.7	7.5	851.0	-48.4	93.2	38.0	8.5	2.9
161	ok	0.0	0.9	5.40e-02	12.7	12.7	5.7	5.7	-19.7	-2.3	-321.3	15.3	6.1	-1.8
162	ok	0.0	0.9	3.45e-02	12.7	12.7	5.7	5.7	85.2	20.0	137.2	9.0	3.7	0.3
217	ok	0.0	1.0	9.26e-02	25.4	25.4	5.7	13.8	698.0	-147.4	500.6	52.8	6.7	6.4
219	ok	0.0	1.0	0.2	25.4	25.4	9.9	14.6	-840.5	-56.4	211.3	5.7	4.9	1.1
220	ok	0.0	1.0	0.1	10.2	13.1	5.8	8.7	66.5	-58.5	543.7	19.8	4.6	4.5
255	ok	0.0	1.0	0.1	25.4	26.1	5.7	6.3	-930.1	-419.5	277.3	7.0	-0.8	-0.2
4749	ok	0.0	0.8	7.70e-02	20.1	20.1	5.7	5.7	-333.2	115.0	-217.5	30.8	5.3	1.5
5277	ok	0.0	0.7	9.44e-02	20.1	20.1	5.7	5.7	-75.0	-89.4	181.2	-34.2	-6.5	-2.4
5280	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-674.4	-230.2	275.1	-44.8	-3.9	1.8
5317	ok	0.0	0.8	9.18e-02	10.1	10.1	5.7	5.7	-312.0	-17.2	-379.7	-7.7	-7.7	-6.8
5337	ok	0.0	0.9	9.04e-02	10.1	10.1	5.7	5.7	-265.0	-49.5	-391.8	-21.0	-4.3	-4.8
5339	ok	0.0	0.8	9.33e-02	10.1	10.1	5.7	5.7	-303.8	-54.4	-383.3	-13.6	-2.8	-6.2
5340	ok	0.0	0.8	9.19e-02	10.1	10.1	5.7	5.7	-283.6	-53.0	-383.4	-17.6	-3.5	-5.3
5381	ok	0.0	0.9	8.75e-02	10.1	10.1	5.7	5.7	-295.9	-54.2	-322.4	-21.3	-2.8	-4.8
5393	ok	0.0	0.9	8.72e-02	20.1	20.1	5.7	5.7	-141.3	152.1	-291.4	30.1	5.0	1.3
5395	ok	0.0	0.9	8.31e-02	10.1	10.1	5.7	5.7	-239.4	-35.4	-329.7	21.5	5.5	-4.1
5396	ok	0.0	0.9	7.85e-02	10.1	10.1	5.7	5.7	-239.3	-30.0	-310.1	29.6	5.8	-3.5
5397	ok	0.0	0.9	7.58e-02	10.1	10.1	5.7	5.7	-245.3	44.8	-284.2	31.3	6.1	-3.0
5398	ok	0.0	1.0	6.76e-02	10.1	10.1	5.7	5.7	-233.8	176.0	-290.8	34.6	4.9	-3.1
5453	ok	0.0	1.0	0.2	20.1	30.7	13.1	13.5	1592.7	460.5	253.2	42.2	7.9	15.2
5455	ok	0.0	1.0	0.2	21.0	22.7	9.9	8.7	-432.5	-517.1	684.0	-28.6	-5.4	-1.9
5456	ok	0.0	1.0	0.1	16.0	10.6	11.6	6.2	-32.1	-375.3	661.6	-41.9	-10.3	1.1
5491	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-183.4	-158.2	-193.8	-66.7	-11.6	-8.0
9934	ok	0.0	0.6	6.45e-02	20.1	20.1	5.7	5.7	-257.6	-71.4	-178.2	38.4	6.5	-9.2
9937	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-401.8	-82.7	-57.5	-55.9	-11.2	-2.3
9974	ok	0.0	0.7	6.52e-02	10.1	10.1	5.7	5.7	-171.0	-29.3	-297.7	-46.2	-12.2	-6.9
9994	ok	0.0	0.7	6.59e-02	10.1	10.1	5.7	5.7	-162.3	-49.0	-288.7	-34.7	-7.1	-4.7
9996	ok	0.0	0.6	6.46e-02	10.1	10.1	5.7	5.7	-164.0	-12.9	-304.7	-31.1	-7.1	-5.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
9997	ok	0.0	0.7	6.51e-02	10.1	10.1	5.7	5.7	-167.2	-17.3	-304.2	-32.4	-6.8	-5.1
10038	ok	0.0	0.7	6.66e-02	10.1	10.1	5.7	5.7	-171.3	-52.3	-279.2	-37.3	-7.5	-4.1
10052	ok	0.0	0.8	6.65e-02	10.1	10.1	5.7	5.7	-183.6	-48.5	-261.0	-39.4	-7.9	-4.0
10053	ok	0.0	0.8	6.52e-02	10.1	10.1	5.7	5.7	-204.5	-53.5	-267.2	-41.1	-8.3	-3.2
10054	ok	0.0	0.8	6.28e-02	10.1	10.1	5.7	5.7	-248.3	36.5	-173.6	-31.7	-6.3	-2.8
10055	ok	0.0	0.8	6.35e-02	10.1	10.1	5.7	5.7	-259.5	142.4	-120.8	-34.9	-7.4	-2.9
10110	ok	0.0	1.0	0.2	20.1	32.5	11.5	14.7	-1680.5	-465.4	-231.0	46.1	12.7	23.3
10112	ok	0.0	1.0	0.2	22.0	25.3	10.5	11.6	-387.4	-359.4	509.8	-32.8	-5.9	-1.7
10113	ok	0.0	1.0	0.1	14.8	10.1	10.4	5.7	-173.5	-122.7	-589.9	-55.1	-16.6	-0.8
10148	ok	0.0	1.0	9.96e-02	20.1	20.1	5.7	5.7	-140.8	-200.4	-210.4	-106.0	-19.4	-13.0
13959	ok	0.0	0.7	3.95e-02	20.1	20.1	5.7	5.7	-56.5	69.6	-171.7	-31.4	-7.6	-3.6
13962	ok	0.0	0.6	9.25e-02	20.1	20.1	5.7	5.7	-611.3	-103.1	137.1	-43.1	-5.7	2.2
13999	ok	0.0	0.6	3.09e-02	10.1	10.1	5.7	5.7	-55.2	110.7	-205.0	-7.9	-1.6	-2.0
14019	ok	0.0	0.5	3.24e-02	10.1	10.1	5.7	5.7	-70.9	53.2	-168.5	-16.7	-3.4	-1.5
14021	ok	0.0	0.6	3.21e-02	10.1	10.1	5.7	5.7	-63.1	69.8	-180.1	-10.9	-2.4	-1.7
14022	ok	0.0	0.5	3.24e-02	10.1	10.1	5.7	5.7	-66.6	58.9	-174.9	-13.9	-2.9	-1.6
14063	ok	0.0	0.5	3.21e-02	10.1	10.1	5.7	5.7	-75.7	49.1	-176.2	-19.2	-3.9	-1.2
14075	ok	0.0	0.6	4.67e-02	20.1	20.1	5.7	5.7	-124.9	74.2	-198.9	-29.9	-6.3	-0.8
14077	ok	0.0	0.5	3.19e-02	10.1	10.1	5.7	5.7	-79.4	35.9	-167.7	-21.2	-4.3	-1.1
14078	ok	0.0	0.5	3.06e-02	10.1	10.1	5.7	5.7	-78.5	52.7	-148.4	-21.1	-4.3	-1.2
14079	ok	0.0	0.5	2.97e-02	10.1	10.1	5.7	5.7	-80.5	76.1	-153.1	-29.6	-6.1	-0.9
14080	ok	0.0	0.6	3.55e-02	10.1	10.1	5.7	5.7	-100.3	81.7	-192.3	-29.7	-6.2	-0.9
14135	ok	0.0	0.7	7.93e-02	20.1	20.1	5.7	5.7	-212.8	-81.0	-339.9	-47.0	-6.9	-0.5
14137	ok	0.0	0.8	6.05e-02	20.1	20.1	5.7	5.7	-109.5	61.0	-268.8	-31.1	-6.7	-0.5
14138	ok	0.0	0.8	6.95e-02	10.1	10.1	5.7	5.7	-119.0	5.5	-318.0	-35.4	-8.2	-0.2
14173	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-541.6	-206.9	-299.2	-77.1	-8.0	-8.9
15640	ok	0.0	1.0	0.1	25.5	25.4	6.3	5.7	-232.1	228.0	82.9	-1.9	-23.7	0.3
15641	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-194.6	140.3	-97.5	1.6	-0.5	-3.9
15642	ok	0.0	0.3	8.70e-02	20.1	20.1	5.7	5.7	-212.5	32.7	-103.9	2.8	-0.2	-3.8
15643	ok	0.0	0.3	7.70e-02	20.1	20.1	5.7	5.7	-423.7	15.7	203.8	3.4	1.2	5.1
15644	ok	0.0	0.8	8.18e-02	20.1	20.1	5.7	5.7	-196.7	152.1	462.6	8.4	7.6	-2.7
15645	ok	0.0	0.5	7.63e-02	20.1	20.1	5.7	5.7	-417.2	-174.2	103.1	4.3	32.9	-8.3
15646	ok	0.0	0.8	9.76e-02	20.1	20.1	5.7	5.7	-408.6	166.7	214.0	-13.7	11.7	-2.3
15681	ok	0.0	0.8	8.37e-02	20.1	20.1	5.7	5.7	-10.3	172.2	-150.2	10.5	3.7	-5.3
15682	ok	0.0	0.3	6.40e-02	20.1	20.1	5.7	5.7	-320.8	-27.0	216.6	-2.2	-2.4	2.6
15683	ok	0.0	0.3	6.45e-02	20.1	20.1	5.7	5.7	-330.5	13.8	224.3	3.3	1.2	1.6
15684	ok	0.0	0.6	6.54e-02	20.1	20.1	5.7	5.7	-195.5	125.8	332.6	6.8	4.6	-2.7
15685	ok	0.0	0.5	7.21e-02	20.1	20.1	5.7	5.7	-380.5	-74.9	214.6	8.4	23.8	-5.7
15686	ok	0.0	0.7	9.62e-02	20.1	20.1	5.7	5.7	-117.9	-145.1	-207.9	-47.3	2.1	6.5
15711	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	467.2	146.0	-153.8	51.8	5.8	0.7
15712	ok	0.0	0.5	5.55e-02	20.1	20.1	5.7	5.7	22.0	83.7	-136.1	1.3	-7.4	-5.1
15713	ok	0.0	0.2	4.55e-02	20.1	20.1	5.7	5.7	-21.3	10.3	-151.4	-3.5	-2.1	-4.3
15714	ok	0.0	0.4	5.22e-02	20.1	20.1	5.7	5.7	-180.8	81.1	173.8	2.2	2.1	2.2
15715	ok	0.0	0.6	5.31e-02	20.1	20.1	5.7	5.7	-116.1	-113.6	224.7	3.6	9.6	-0.7
15716	ok	0.0	0.6	5.28e-02	20.1	20.1	5.7	5.7	-190.8	117.0	282.0	5.1	8.3	-2.1
15717	ok	0.0	0.5	8.31e-02	20.1	20.1	5.7	5.7	-359.3	-76.6	-226.6	-29.5	7.7	1.1
15787	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-700.9	-234.2	216.6	-46.4	0.2	1.5
15788	ok	0.0	0.5	6.96e-02	20.1	20.1	5.7	5.7	-231.9	-16.0	-288.8	6.5	10.6	2.7
15789	ok	0.0	0.4	6.78e-02	20.1	20.1	5.7	5.7	-237.6	-23.6	-291.3	6.0	6.7	2.8
15790	ok	0.0	0.3	6.98e-02	20.1	20.1	5.7	5.7	-260.2	-22.8	-306.0	2.9	1.7	-0.6
15791	ok	0.0	0.5	7.82e-02	20.1	20.1	5.7	5.7	-399.7	-25.1	-260.3	3.2	-6.97e-02	-2.1
15792	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-581.0	-100.0	-256.3	-28.9	-5.9	-1.4
15799	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-658.9	-215.8	236.0	-39.7	8.4	1.4
15800	ok	0.0	0.5	9.18e-02	20.1	20.1	5.7	5.7	-363.5	-47.2	339.1	1.2	11.3	0.8
15801	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-602.7	-15.9	-250.4	3.0	2.2	0.3
15802	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-763.9	-52.8	-260.8	-3.2	0.5	-1.1
15803	ok	0.0	0.5	0.2	20.1	20.1	5.7	5.7	-849.2	5.1	-287.2	-1.9	1.9	-1.1
15804	ok	0.0	0.7	0.2	20.1	20.1	5.7	5.7	-1550.2	-116.9	-399.2	-3.8	5.4	-1.4
15805	ok	0.0	1.0	0.3	28.0	27.7	8.2	7.9	-2581.0	-185.4	-369.2	-32.5	1.9	-3.6
15917	ok	0.0	0.7	5.80e-02	20.1	20.1	5.7	5.7	-401.8	-68.7	-46.0	-57.5	-11.6	9.19e-02
15918	ok	0.0	0.5	4.75e-02	20.1	20.1	5.7	5.7	-244.8	-55.6	-145.2	-18.0	-5.7	-0.8
15919	ok	0.0	0.4	3.64e-02	20.1	20.1	5.7	5.7	-102.0	19.6	-161.3	-7.98e-02	-6.7	0.9
15920	ok	0.0	0.2	3.23e-02	20.1	20.1	5.7	5.7	-102.4	9.1	-159.5	-0.8	-2.9	1.4
15921	ok	0.0	0.2	3.36e-02	20.1	20.1	5.7	5.7	-118.8	-3.3	-153.8	1.5	0.5	1.8
15922	ok	0.0	0.3	4.41e-02	20.1	20.1	5.7	5.7	-253.7	-49.7	111.7	-1.0	6.5	1.6
15923	ok	0.0	0.6	9.41e-02	20.1	20.1	5.7	5.7	-607.9	-196.0	146.8	-32.7	-1.6	1.0
15987	ok	0.0	1.0	0.2	20.1	20.1	11.3	8.4	-567.3	112.4	648.9	-19.0	-8.6	6.5
15988	ok	0.0	1.0	0.4	20.7	20.1	6.2	7.5	-2714.3	-608.9	493.8	5.3	20.0	-12.7
15989	ok	0.0	1.0	0.3	22.2	20.1	7.7	5.7	-1731.0	-122.5	285.4	10.3	1.88e-02	-4.1
15990	ok	0.0	0.5	0.2	20.1	20.1	5.7	5.7	-1193.3	-86.6	138.4	3.2	0.6	4.7
15991	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-836.2	-122.4	-170.5	5.6	1.1	-3.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
15992	ok	0.0	1.0	0.2	23.6	20.1	8.2	5.7	-595.9	11.6	-159.4	5.9	4.8	-2.8
15993	ok	0.0	1.0	0.1	29.2	30.2	14.3	17.8	792.8	148.6	555.8	27.5	1.0	21.1
15994	ok	0.0	1.0	0.2	15.2	16.9	14.3	17.5	-123.3	-370.9	-410.8	-9.0	9.0	-8.1
15999	ok	0.0	1.0	0.2	17.1	19.0	24.2	23.9	219.9	1469.8	652.9	2.9	-8.1	7.7
16000	ok	0.0	1.0	0.1	14.9	12.2	10.5	7.8	-14.2	-224.9	704.8	-28.2	-8.6	5.8
16001	ok	0.0	1.0	0.4	25.4	26.2	9.9	17.8	-1987.1	-1202.8	704.3	10.5	4.1	-1.3
16006	ok	0.0	1.0	0.2	29.1	26.9	28.1	24.8	1307.5	1178.9	553.8	-16.3	-3.6	-2.2
16007	ok	0.0	1.0	0.1	20.1	20.1	9.5	6.6	-339.0	-227.4	652.6	-23.0	-6.1	4.1
16008	ok	0.0	0.9	0.3	25.4	25.4	5.7	5.7	-726.7	-497.4	-621.8	-35.3	-10.8	-2.8
16009	ok	0.0	0.7	0.2	20.1	20.1	5.7	5.7	-976.3	-198.2	-606.4	-5.1	-3.7	-2.1
16010	ok	0.0	0.7	0.2	20.1	20.1	5.7	5.7	-837.0	-48.8	-407.7	1.5	2.6	-1.1
16011	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-517.3	-42.4	-397.0	2.7	0.5	1.8
16012	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-491.9	-32.1	-414.8	3.9	2.4	1.2
16013	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-274.3	-43.0	323.4	-0.4	5.3	1.7
16014	ok	0.0	0.6	9.26e-02	20.1	20.1	5.7	5.7	-150.3	-163.6	224.6	-27.5	-0.8	-2.3
16015	ok	0.0	0.9	0.1	12.7	12.7	5.7	5.7	-311.6	-375.1	-532.1	-25.3	-8.5	-3.9
16016	ok	0.0	0.8	0.2	10.1	10.1	5.7	5.7	-427.7	-288.9	-529.9	-10.0	-4.3	-1.9
16017	ok	0.0	0.6	0.1	10.1	10.1	5.7	5.7	-525.6	-178.5	-497.5	4.6	1.1	-1.9
16018	ok	0.0	0.6	0.1	10.1	10.1	5.7	5.7	-529.1	-108.1	-464.9	4.3	1.2	1.2
16019	ok	0.0	0.5	0.1	10.1	10.1	5.7	5.7	-406.4	-30.7	-432.7	1.4	1.0	1.9
16020	ok	0.0	0.5	0.1	10.1	10.1	5.7	5.7	-380.6	-22.4	-412.3	-3.1	7.16e-02	-1.1
16021	ok	0.0	0.6	9.66e-02	10.1	10.1	5.7	5.7	-317.1	-1.9	-372.2	-4.8	-10.6	-6.5
16022	ok	0.0	0.8	0.1	12.7	12.7	5.7	5.7	-77.1	-266.1	-356.4	-19.0	-5.5	-2.4
16023	ok	0.0	0.8	0.1	10.1	10.1	5.7	5.7	-174.1	-274.7	-450.1	-10.0	-3.3	-1.5
16024	ok	0.0	0.6	0.1	10.1	10.1	5.7	5.7	-382.6	-206.8	-441.3	7.4	5.2	-1.9
16025	ok	0.0	0.6	0.1	10.1	10.1	5.7	5.7	-411.1	-99.3	-447.4	13.8	6.6	1.7
16026	ok	0.0	0.5	0.1	10.1	10.1	5.7	5.7	-389.3	-53.5	-377.6	-6.3	0.7	0.4
16027	ok	0.0	0.6	0.1	10.1	10.1	5.7	5.7	-323.0	-65.4	-394.3	-5.5	-1.2	-2.0
16028	ok	0.0	0.7	9.59e-02	10.1	10.1	5.7	5.7	-301.1	-63.9	-379.7	-27.1	-6.0	-5.4
16029	ok	0.0	0.7	7.14e-02	12.7	12.7	5.7	5.7	-158.2	-141.1	283.9	-18.6	-3.5	0.8
16030	ok	0.0	0.7	9.09e-02	10.1	10.1	5.7	5.7	-241.9	-172.5	277.0	-12.0	-1.8	3.6
16031	ok	0.0	0.6	0.1	10.1	10.1	5.7	5.7	-308.5	-171.8	-349.4	7.7	4.7	1.2
16032	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-385.9	-95.2	-394.7	17.3	8.6	-1.7
16033	ok	0.0	0.5	9.62e-02	10.1	10.1	5.7	5.7	-326.7	-93.3	-365.9	-6.7	0.5	-0.7
16034	ok	0.0	0.6	9.64e-02	10.1	10.1	5.7	5.7	-280.3	-64.4	-389.8	-16.9	-1.6	-2.5
16035	ok	0.0	0.7	9.35e-02	10.1	10.1	5.7	5.7	-283.1	-58.4	-396.1	-23.1	-5.3	-5.1
16036	ok	0.0	0.7	9.10e-02	12.7	12.7	5.7	5.7	-243.8	-147.3	376.1	-16.0	-3.4	1.5
16037	ok	0.0	0.7	9.44e-02	10.1	10.1	5.7	5.7	-274.5	-131.6	340.5	-10.4	-3.4	3.4
16038	ok	0.0	0.6	8.88e-02	10.1	10.1	5.7	5.7	-334.2	-99.4	306.0	-6.3	-2.2	3.7
16039	ok	0.0	0.5	9.27e-02	10.1	10.1	5.7	5.7	-328.7	-101.7	-345.6	3.8	1.5	-1.9
16040	ok	0.0	0.5	9.25e-02	10.1	10.1	5.7	5.7	-312.8	-71.4	-353.6	-3.4	0.5	-2.5
16041	ok	0.0	0.6	9.22e-02	10.1	10.1	5.7	5.7	-262.8	-66.4	-386.3	-10.0	-2.4	-2.7
16042	ok	0.0	0.7	9.09e-02	10.1	10.1	5.7	5.7	-265.7	-58.0	-389.0	-17.8	-3.9	-4.8
16043	ok	0.0	0.8	0.2	12.7	12.7	5.7	5.7	-302.3	-134.7	417.5	-14.3	-3.2	-0.5
16044	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-430.7	-33.4	353.4	-8.7	-3.4	3.0
16045	ok	0.0	0.6	9.06e-02	10.1	10.1	5.7	5.7	-371.4	-45.8	300.6	-7.6	-3.5	3.1
16046	ok	0.0	0.5	8.85e-02	10.1	10.1	5.7	5.7	-316.9	-73.5	-332.8	-1.2	-1.1	-1.0
16047	ok	0.0	0.5	9.22e-02	10.1	10.1	5.7	5.7	-308.1	-93.3	-358.5	-4.5	-1.6	-2.1
16048	ok	0.0	0.6	9.03e-02	10.1	10.1	5.7	5.7	-303.0	-99.1	-322.2	-9.8	-1.6	-2.7
16049	ok	0.0	0.7	8.75e-02	10.1	10.1	5.7	5.7	-292.8	-66.5	-334.4	-17.9	-2.9	-4.4
16050	ok	0.0	1.0	0.2	13.1	14.8	7.0	9.2	-746.8	505.7	234.6	15.2	3.3	1.7
16051	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-508.8	11.5	241.2	-9.0	-3.5	1.5
16052	ok	0.0	0.6	9.29e-02	10.1	10.1	5.7	5.7	-393.9	-14.8	254.8	-6.5	-2.9	2.7
16053	ok	0.0	0.6	9.52e-02	10.1	10.1	5.7	5.7	-326.4	-55.6	-380.4	-3.7	-1.8	-1.1
16054	ok	0.0	0.6	9.59e-02	10.1	10.1	5.7	5.7	-295.1	-114.9	-382.2	-6.4	-2.3	-1.9
16055	ok	0.0	0.6	9.03e-02	10.1	10.1	5.7	5.7	-279.4	-126.8	-350.8	-11.1	-2.8	-2.7
16056	ok	0.0	0.7	8.40e-02	10.1	10.1	5.7	5.7	-268.7	-66.2	-310.4	-19.2	-3.4	-3.9
16057	ok	0.0	1.0	0.2	12.7	12.7	5.7	5.7	-753.3	-341.6	-651.5	9.1	0.2	-3.5
16058	ok	0.0	1.0	0.1	10.1	10.1	5.7	5.7	-450.3	38.3	-393.5	4.0	0.2	-0.8
16059	ok	0.0	0.8	9.82e-02	10.1	10.1	5.7	5.7	-348.6	47.0	-419.6	-2.6	-0.8	-0.7
16060	ok	0.0	0.6	0.1	10.1	10.1	5.7	5.7	-297.3	-70.8	-436.7	-4.5	-2.2	-1.3
16061	ok	0.0	0.8	0.1	10.1	10.1	5.7	5.7	-270.6	-166.7	-415.8	-7.3	-2.9	-1.9
16062	ok	0.0	0.7	8.72e-02	10.1	10.1	5.7	5.7	-190.3	-187.2	-351.3	-11.7	-3.2	-2.4
16063	ok	0.0	0.6	7.90e-02	10.1	10.1	5.7	5.7	-245.1	-60.1	-314.6	-20.0	-3.8	-3.3
16064	ok	0.0	1.0	7.57e-02	12.7	12.7	5.7	6.6	-64.7	161.4	-338.7	22.1	6.0	-1.6
16065	ok	0.0	1.0	8.93e-02	10.1	10.9	5.7	6.5	-164.3	166.1	-430.8	8.8	1.4	-1.1
16066	ok	0.0	0.9	9.31e-02	10.1	10.1	5.7	5.7	-251.1	38.4	-451.9	-2.6	-1.3	-1.1
16067	ok	0.0	0.7	0.1	10.1	10.1	5.7	5.7	-240.1	-93.1	-464.5	-5.0	-2.2	-1.5
16068	ok	0.0	0.9	0.1	10.1	10.1	5.7	5.7	-240.3	-240.1	-442.5	-7.9	-3.0	-1.9
16069	ok	0.0	0.9	9.58e-02	10.1	10.1	5.7	5.7	-153.9	-299.0	-356.4	-12.2	-4.0	-2.3
16070	ok	0.0	0.6	7.11e-02	10.1	10.1	5.7	5.7	-230.7	-65.8	-208.4	-20.4	-5.1	-2.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16071	ok	0.0	1.0	0.1	12.7	12.7	6.8	8.2	105.7	167.9	-382.3	13.8	4.8	-2.3
16072	ok	0.0	1.0	0.1	10.1	11.0	5.7	6.6	14.1	159.4	-370.4	8.6	0.9	-2.2
16073	ok	0.0	0.9	9.42e-02	10.1	10.1	5.7	5.7	-82.0	45.7	-428.3	-2.8	-1.3	-1.4
16074	ok	0.0	0.7	9.04e-02	10.1	10.1	5.7	5.7	-119.0	-89.1	-455.9	-5.3	-1.9	-1.6
16075	ok	0.0	1.0	0.1	10.3	10.1	5.9	5.7	-198.2	-272.7	-435.9	-8.4	-2.8	-2.2
16076	ok	0.0	1.0	0.1	12.1	11.6	8.4	7.6	-210.8	-506.7	-401.0	-12.3	-4.1	-2.5
16077	ok	0.0	0.6	6.09e-02	10.1	10.1	5.7	5.7	-215.7	-36.8	-90.7	-32.5	-8.1	0.2
16078	ok	0.0	1.0	0.2	25.4	25.8	9.3	9.0	-339.1	-616.3	450.1	15.6	4.0	-0.7
16079	ok	0.0	1.0	0.1	20.1	20.1	6.7	8.0	-375.3	-18.0	597.2	10.3	2.8	-1.1
16080	ok	0.0	1.0	0.1	20.1	20.1	5.9	6.7	-205.7	-60.7	365.1	3.6	0.8	1.7
16081	ok	0.0	0.8	9.67e-02	20.1	20.1	5.7	5.7	-251.0	-7.0	87.4	-5.7	-0.9	0.3
16082	ok	0.0	1.0	0.1	20.1	20.1	7.0	6.8	-325.2	-316.8	-419.9	-9.2	-2.2	-2.5
16083	ok	0.0	1.0	0.2	23.3	23.4	13.8	13.1	32.3	912.4	105.3	-15.8	-3.0	1.2
16084	ok	0.0	0.4	5.40e-02	20.1	20.1	5.7	5.7	-70.9	-19.7	80.0	-20.5	-3.3	3.7
16085	ok	0.0	0.9	8.88e-02	20.1	20.1	5.7	5.7	-337.7	-97.7	-312.4	-16.0	0.9	1.6
16086	ok	0.0	0.5	8.21e-02	20.1	20.1	5.7	5.7	-314.2	-44.9	-284.8	-2.5	-3.1	-2.2
16087	ok	0.0	0.5	7.97e-02	20.1	20.1	5.7	5.7	-261.6	-33.1	-331.1	3.5	0.8	2.0
16088	ok	0.0	0.4	7.85e-02	20.1	20.1	5.7	5.7	-234.0	-25.7	-301.4	5.1	3.7	4.9
16089	ok	0.0	0.5	6.77e-02	20.1	20.1	5.7	5.7	-226.2	-18.6	-301.0	5.2	6.0	4.7
16090	ok	0.0	0.7	6.60e-02	20.1	20.1	5.7	5.7	-194.0	-63.2	-273.9	-41.4	-16.5	-10.9
16091	ok	0.0	0.9	9.08e-02	10.1	10.1	5.7	5.7	-325.8	-96.9	-301.8	-11.2	-6.1	-3.4
16092	ok	0.0	0.6	8.52e-02	10.1	10.1	5.7	5.7	-274.3	-52.0	-330.7	6.4	0.7	-1.5
16093	ok	0.0	0.5	8.09e-02	10.1	10.1	5.7	5.7	-219.7	-41.1	-338.5	4.0	0.8	3.0
16094	ok	0.0	0.4	7.64e-02	10.1	10.1	5.7	5.7	-207.1	-26.4	-342.5	2.8	0.9	2.4
16095	ok	0.0	0.5	7.27e-02	10.1	10.1	5.7	5.7	-212.2	-51.0	-266.1	-14.2	-6.1	-1.0
16096	ok	0.0	0.7	6.64e-02	10.1	10.1	5.7	5.7	-169.6	-57.8	-293.4	-45.1	-15.9	-7.8
16097	ok	0.0	0.8	8.88e-02	10.1	10.1	5.7	5.7	-246.1	-44.0	-384.3	9.5	2.2	-3.9
16098	ok	0.0	0.7	8.71e-02	10.1	10.1	5.7	5.7	-279.5	-51.5	-342.3	10.8	4.0	-1.5
16099	ok	0.0	0.6	8.57e-02	10.1	10.1	5.7	5.7	-226.1	-45.9	-387.5	13.7	5.4	3.2
16100	ok	0.0	0.5	7.72e-02	10.1	10.1	5.7	5.7	-186.5	-41.1	-342.9	-2.1	-1.1	1.1
16101	ok	0.0	0.5	7.32e-02	10.1	10.1	5.7	5.7	-193.3	-49.2	-280.7	-17.0	-7.8	-0.6
16102	ok	0.0	0.6	6.72e-02	10.1	10.1	5.7	5.7	-169.9	-40.9	-287.0	-40.8	-10.0	-5.7
16103	ok	0.0	0.8	8.67e-02	10.1	10.1	5.7	5.7	-241.6	-43.6	-385.3	12.1	3.1	-3.2
16104	ok	0.0	0.7	8.56e-02	10.1	10.1	5.7	5.7	-267.8	-55.6	-333.1	13.9	4.0	-0.1
16105	ok	0.0	0.6	8.86e-02	10.1	10.1	5.7	5.7	-306.9	-40.6	-345.0	15.5	3.5	-1.5
16106	ok	0.0	0.4	7.63e-02	10.1	10.1	5.7	5.7	-169.3	-57.9	-338.1	-2.8	-1.5	3.90e-02
16107	ok	0.0	0.5	7.44e-02	10.1	10.1	5.7	5.7	-168.1	-62.9	-315.1	-14.1	-2.2	-0.7
16108	ok	0.0	0.6	6.79e-02	10.1	10.1	5.7	5.7	-168.7	-13.7	-306.4	-30.2	-6.7	-5.0
16109	ok	0.0	0.8	8.43e-02	10.1	10.1	5.7	5.7	-251.8	-53.6	-343.5	16.3	3.6	-2.3
16110	ok	0.0	0.7	8.40e-02	10.1	10.1	5.7	5.7	-203.9	-56.8	-365.1	15.5	3.8	1.1
16111	ok	0.0	0.5	8.24e-02	10.1	10.1	5.7	5.7	-210.8	-67.0	-366.7	8.3	3.2	-0.6
16112	ok	0.0	0.5	7.91e-02	10.1	10.1	5.7	5.7	-180.1	-81.5	-334.0	-2.1	-0.6	-0.9
16113	ok	0.0	0.5	7.52e-02	10.1	10.1	5.7	5.7	-173.6	-91.0	-304.2	-14.4	-2.3	-0.7
16114	ok	0.0	0.6	6.85e-02	10.1	10.1	5.7	5.7	-162.3	-49.0	-304.9	-32.0	-6.9	-4.5
16115	ok	0.0	0.8	8.25e-02	10.1	10.1	5.7	5.7	-239.9	-53.3	-347.0	12.9	3.8	-2.2
16116	ok	0.0	0.7	8.37e-02	10.1	10.1	5.7	5.7	-193.9	-64.2	-375.6	15.1	3.3	-1.4
16117	ok	0.0	0.5	8.44e-02	10.1	10.1	5.7	5.7	-194.5	-78.0	-374.4	7.9	1.3	-0.8
16118	ok	0.0	0.5	8.26e-02	10.1	10.1	5.7	5.7	-177.4	-107.8	-340.4	-1.7	-1.0	-1.1
16119	ok	0.0	0.5	7.78e-02	10.1	10.1	5.7	5.7	-177.7	-118.3	-297.0	-14.7	-3.6	-1.0
16120	ok	0.0	0.6	6.85e-02	10.1	10.1	5.7	5.7	-172.0	-58.5	-299.9	-34.1	-7.1	-4.0
16121	ok	0.0	0.8	8.20e-02	10.1	10.1	5.7	5.7	-234.3	-25.3	-354.4	19.3	3.5	-2.3
16122	ok	0.0	0.7	8.39e-02	10.1	10.1	5.7	5.7	-222.4	-42.5	-367.4	11.9	2.5	-1.3
16123	ok	0.0	0.6	8.76e-02	10.1	10.1	5.7	5.7	-177.7	-87.3	-369.9	6.2	1.2	-1.2
16124	ok	0.0	0.6	8.78e-02	10.1	10.1	5.7	5.7	-167.6	-109.5	-343.6	-1.8	-0.9	-1.4
16125	ok	0.0	0.5	8.15e-02	10.1	10.1	5.7	5.7	-177.1	-120.2	-300.7	-14.9	-3.5	-1.4
16126	ok	0.0	0.6	6.78e-02	10.1	10.1	5.7	5.7	-186.1	-66.8	-258.5	-35.8	-7.4	-3.6
16127	ok	0.0	0.8	8.14e-02	10.1	10.1	5.7	5.7	-237.1	18.7	-359.4	20.5	4.7	-2.1
16128	ok	0.0	0.7	8.44e-02	10.1	10.1	5.7	5.7	-222.0	-20.7	-389.4	12.6	2.9	-1.3
16129	ok	0.0	0.7	9.27e-02	10.1	10.1	5.7	5.7	-173.8	-108.8	-400.6	6.3	1.4	-1.2
16130	ok	0.0	0.7	9.59e-02	10.1	10.1	5.7	5.7	-163.6	-142.0	-342.7	-3.7	-0.7	-1.4
16131	ok	0.0	0.7	8.76e-02	10.1	10.1	5.7	5.7	-186.9	-163.9	-279.7	-14.0	-3.3	-1.5
16132	ok	0.0	0.6	6.69e-02	10.1	10.1	5.7	5.7	-206.0	-72.4	-269.2	-37.2	-7.7	-3.1
16133	ok	0.0	0.9	8.07e-02	10.1	10.1	5.7	5.7	-244.0	89.0	-364.1	21.3	4.9	-1.7
16134	ok	0.0	0.8	8.56e-02	10.1	10.1	5.7	5.7	-226.0	21.7	-411.8	12.9	3.3	-1.4
16135	ok	0.0	0.7	9.80e-02	10.1	10.1	5.7	5.7	-173.2	-109.4	-398.7	6.3	1.3	-1.5
16136	ok	0.0	0.9	0.1	10.1	10.1	5.7	5.7	-160.6	-191.4	-343.8	-3.8	-0.8	-1.6
16137	ok	0.0	0.9	9.94e-02	10.1	10.1	5.7	5.7	-201.0	-233.2	-248.7	-14.1	-3.5	-1.9
16138	ok	0.0	0.6	6.47e-02	10.1	10.1	5.7	5.7	-181.9	-45.4	-206.8	-33.4	-7.5	-2.5
16139	ok	0.0	1.0	0.2	20.9	20.1	6.5	5.7	-772.3	11.0	-194.9	9.7	9.0	-1.5
16140	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-868.0	-134.7	-192.8	0.7	1.3	-2.8
16141	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-979.3	-109.2	203.3	2.7	0.7	1.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16142	ok	0.0	1.0	0.3	22.5	20.1	8.1	5.7	-1902.8	-178.0	273.6	7.5	0.8	-3.8
16143	ok	0.0	1.0	0.3	21.9	20.1	7.4	7.3	-2081.8	-405.9	346.0	8.7	16.8	-10.9
16144	ok	0.0	1.0	0.2	20.2	20.1	9.9	6.4	-593.7	-282.4	-255.1	-28.7	-13.0	9.7
16149	ok	0.0	1.0	0.2	15.4	17.9	16.9	17.6	208.8	1032.0	574.6	11.9	-1.8	3.3
16150	ok	0.0	1.0	0.1	14.0	10.4	9.6	6.0	-185.9	-170.8	-603.2	-50.5	-14.3	5.2
16155	ok	0.0	1.0	0.3	25.8	24.9	17.2	15.7	-1711.6	-996.6	-558.0	-21.8	-5.3	-6.4
16156	ok	0.0	1.0	0.1	20.1	20.1	10.2	6.2	-369.0	-322.8	510.1	-27.8	-6.5	1.8
16157	ok	0.0	1.0	8.50e-02	20.1	20.1	5.7	6.2	-252.9	-68.5	-364.0	22.7	2.7	-2.3
16158	ok	0.0	0.8	7.49e-02	20.1	20.1	5.7	5.7	-184.3	16.1	-192.5	13.9	1.4	-1.3
16159	ok	0.0	0.9	0.1	20.1	20.1	5.7	5.7	-255.6	-53.7	-355.0	5.2	0.4	0.8
16160	ok	0.0	1.0	0.1	20.1	20.1	6.4	6.5	-236.5	2.9	-548.7	-6.3	-1.3	0.4
16161	ok	0.0	1.0	0.2	22.8	23.6	10.6	10.6	-329.2	-741.9	-225.5	-16.9	-4.6	-4.0
16162	ok	0.0	0.6	5.66e-02	20.1	20.1	5.7	5.7	-244.6	-59.6	-175.8	-31.2	-7.7	-1.4
16163	ok	0.0	1.0	7.54e-02	10.1	10.1	5.7	5.7	-230.4	154.6	-364.0	21.3	4.8	-1.4
16164	ok	0.0	0.8	8.57e-02	10.1	10.1	5.7	5.7	-242.2	14.8	-359.2	12.9	2.8	-1.5
16165	ok	0.0	0.8	9.92e-02	10.1	10.1	5.7	5.7	-226.0	-110.7	-400.8	5.7	1.1	-1.5
16166	ok	0.0	1.0	0.1	10.1	10.1	5.7	5.7	-180.3	-260.9	-352.3	-4.3	-1.1	-1.8
16167	ok	0.0	1.0	0.1	11.6	11.5	7.5	7.1	-214.2	-497.9	-398.4	-11.6	-3.0	-2.2
16168	ok	0.0	0.6	6.44e-02	10.1	10.1	5.7	5.7	-194.6	-48.4	-207.4	-33.3	-7.7	-2.0
16169	ok	0.0	0.6	5.61e-02	20.1	20.1	5.7	5.7	-251.1	-37.6	-177.6	38.2	8.2	-10.3
16170	ok	0.0	0.5	4.35e-02	20.1	20.1	5.7	5.7	-153.4	37.7	-192.0	18.7	5.1	-5.0
16171	ok	0.0	0.3	3.81e-02	20.1	20.1	5.7	5.7	-120.6	24.3	-164.5	7.5	1.6	-0.9
16172	ok	0.0	0.3	3.60e-02	20.1	20.1	5.7	5.7	-105.4	9.1	-157.2	1.9	0.2	2.8
16173	ok	0.0	0.3	3.45e-02	20.1	20.1	5.7	5.7	-131.0	-13.7	105.0	1.8	-9.22e-02	4.3
16174	ok	0.0	0.3	3.40e-02	20.1	20.1	5.7	5.7	-117.3	-28.8	112.6	-3.8	2.6	3.3
16175	ok	0.0	0.5	3.50e-02	20.1	20.1	5.7	5.7	65.9	-66.2	112.8	-25.2	-1.6	-5.3
16176	ok	0.0	1.0	0.2	20.1	29.2	5.7	9.1	-1680.9	-311.8	-214.0	38.8	9.2	7.4
16177	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-338.0	7.1	-161.0	2.1	-1.6	-4.7
16178	ok	0.0	0.4	7.68e-02	20.1	20.1	5.7	5.7	-367.5	-64.1	-158.6	-2.8	9.79e-02	-5.1
16179	ok	0.0	0.8	0.2	20.1	20.1	5.7	5.7	-1168.3	-113.7	222.6	1.8	1.9	-2.1
16180	ok	0.0	1.0	0.2	20.7	20.1	6.2	5.7	-1247.4	-323.2	240.0	6.5	10.1	-4.1
16181	ok	0.0	0.9	9.90e-02	20.1	20.1	5.7	5.7	-174.6	118.0	279.5	2.8	3.9	-4.4
16182	ok	0.0	0.8	8.21e-02	20.1	20.1	5.7	5.7	-225.2	-115.1	-316.9	-31.7	-6.5	1.8
16187	ok	0.0	1.0	0.1	13.7	14.8	13.7	13.2	185.4	876.4	393.7	1.5	-3.0	2.1
16188	ok	0.0	0.9	9.49e-02	10.1	10.1	5.7	5.7	-97.1	-108.6	-394.3	-5.2	-5.1	-4.6
16189	ok	0.0	0.8	8.09e-02	10.1	10.1	5.7	5.7	-118.1	-27.4	-324.2	-28.7	-7.6	1.4
16190	ok	0.0	0.8	9.03e-02	20.1	20.1	5.7	5.7	-118.0	-16.6	-322.2	-26.9	-6.6	-0.2
16191	ok	0.0	1.0	0.1	20.1	20.1	5.9	5.7	-288.0	-136.4	-418.2	-8.9	-5.1	-4.1
16192	ok	0.0	1.0	0.2	21.7	21.8	12.4	12.1	-731.6	-978.9	-453.7	-5.5	-3.0	-7.4
16197	ok	0.0	0.6	5.35e-02	10.1	10.1	5.7	5.7	-157.8	-10.8	-190.9	35.1	7.3	-5.8
16198	ok	0.0	0.6	4.69e-02	10.1	10.1	5.7	5.7	-141.3	20.6	-207.6	21.7	6.7	-4.0
16199	ok	0.0	0.4	4.15e-02	10.1	10.1	5.7	5.7	-128.0	14.5	-181.8	12.1	4.4	-1.0
16200	ok	0.0	0.3	3.89e-02	10.1	10.1	5.7	5.7	-109.6	5.4	-171.2	5.8	1.8	2.5
16201	ok	0.0	0.3	3.55e-02	10.1	10.1	5.7	5.7	-95.7	-7.0	-164.3	1.6	-0.2	3.6
16202	ok	0.0	0.3	3.46e-02	10.1	10.1	5.7	5.7	-62.8	13.4	-168.3	5.6	1.3	0.2
16203	ok	0.0	0.5	3.46e-02	10.1	10.1	5.7	5.7	-49.1	38.2	-193.2	-7.0	-1.8	-3.5
16204	ok	0.0	0.6	5.25e-02	10.1	10.1	5.7	5.7	-100.6	-9.3	-239.9	12.5	2.4	-5.5
16205	ok	0.0	0.5	5.13e-02	10.1	10.1	5.7	5.7	-126.5	-23.8	-214.5	23.5	5.0	-2.8
16206	ok	0.0	0.4	4.58e-02	10.1	10.1	5.7	5.7	-89.7	-25.5	-215.1	5.7	1.0	-0.9
16207	ok	0.0	0.3	4.28e-02	10.1	10.1	5.7	5.7	-84.7	-13.5	-201.7	4.0	0.1	0.4
16208	ok	0.0	0.3	4.01e-02	10.1	10.1	5.7	5.7	-90.8	-18.9	-171.6	1.7	-0.8	1.9
16209	ok	0.0	0.3	3.68e-02	10.1	10.1	5.7	5.7	-73.8	5.8	-190.7	-2.3	-0.7	-0.2
16210	ok	0.0	0.5	3.44e-02	10.1	10.1	5.7	5.7	-60.9	44.9	-199.8	-9.2	-2.1	-2.8
16211	ok	0.0	0.6	5.43e-02	10.1	10.1	5.7	5.7	-124.3	-35.1	-247.4	16.8	3.4	-4.9
16212	ok	0.0	0.6	5.34e-02	10.1	10.1	5.7	5.7	-112.2	-35.9	-239.0	11.9	2.8	-2.8
16213	ok	0.0	0.5	5.05e-02	10.1	10.1	5.7	5.7	-99.8	-37.5	-227.3	7.7	1.9	-1.1
16214	ok	0.0	0.3	4.73e-02	10.1	10.1	5.7	5.7	-89.6	-38.1	-214.1	4.7	0.8	-0.2
16215	ok	0.0	0.3	4.40e-02	10.1	10.1	5.7	5.7	-83.7	-27.7	-211.4	1.0	-0.6	0.1
16216	ok	0.0	0.3	3.95e-02	10.1	10.1	5.7	5.7	-78.9	5.8	-199.8	-3.0	-0.7	-0.3
16217	ok	0.0	0.5	3.54e-02	10.1	10.1	5.7	5.7	-71.9	37.8	-196.2	-11.4	-2.5	-2.2
16218	ok	0.0	0.7	5.48e-02	10.1	10.1	5.7	5.7	-120.0	-41.6	-254.2	20.5	4.2	-4.4
16219	ok	0.0	0.6	5.53e-02	10.1	10.1	5.7	5.7	-112.8	-43.7	-248.8	14.7	3.5	-2.7
16220	ok	0.0	0.4	5.34e-02	10.1	10.1	5.7	5.7	-100.9	-48.4	-239.2	9.5	2.6	-1.2
16221	ok	0.0	0.3	5.08e-02	10.1	10.1	5.7	5.7	-92.1	-52.1	-225.2	5.4	1.4	-0.4
16222	ok	0.0	0.3	4.74e-02	10.1	10.1	5.7	5.7	-89.1	-50.9	-223.4	1.0	0.3	-0.2
16223	ok	0.0	0.3	4.31e-02	10.1	10.1	5.7	5.7	-84.0	-37.0	-205.7	-3.6	-0.7	-0.4
16224	ok	0.0	0.5	3.58e-02	10.1	10.1	5.7	5.7	-70.8	26.5	-171.2	-13.7	-2.9	-2.0
16225	ok	0.0	0.7	5.62e-02	10.1	10.1	5.7	5.7	-125.0	-43.5	-256.8	23.9	4.9	-3.9
16226	ok	0.0	0.6	5.60e-02	10.1	10.1	5.7	5.7	-121.2	-48.6	-260.7	17.2	4.2	-2.6
16227	ok	0.0	0.5	5.60e-02	10.1	10.1	5.7	5.7	-98.8	-56.5	-254.1	11.1	3.5	-1.2
16228	ok	0.0	0.4	5.47e-02	10.1	10.1	5.7	5.7	-89.6	-68.5	-238.1	6.1	2.0	-0.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16229	ok	0.0	0.3	5.13e-02	10.1	10.1	5.7	5.7	-89.8	-73.8	-236.2	1.1	0.7	-0.4
16230	ok	0.0	0.3	4.61e-02	10.1	10.1	5.7	5.7	-77.2	-38.0	-190.8	-4.4	-0.7	-0.4
16231	ok	0.0	0.4	3.60e-02	10.1	10.1	5.7	5.7	-73.9	23.4	-178.1	-15.8	-3.3	-1.9
16232	ok	0.0	0.7	5.80e-02	10.1	10.1	5.7	5.7	-138.0	-47.0	-264.0	35.4	7.1	-3.7
16233	ok	0.0	0.6	5.80e-02	10.1	10.1	5.7	5.7	-134.1	-39.9	-265.5	26.6	6.0	-2.3
16234	ok	0.0	0.5	6.02e-02	10.1	10.1	5.7	5.7	-125.3	-64.3	-277.1	17.4	4.4	-1.2
16235	ok	0.0	0.4	6.09e-02	10.1	10.1	5.7	5.7	-111.3	-93.6	-274.6	8.9	2.7	-0.7
16236	ok	0.0	0.4	5.74e-02	10.1	10.1	5.7	5.7	-96.5	-106.9	-253.3	1.1	1.1	-0.7
16237	ok	0.0	0.3	4.98e-02	10.1	10.1	5.7	5.7	-79.4	-61.9	-185.3	-5.1	-0.7	-0.7
16238	ok	0.0	0.4	3.59e-02	10.1	10.1	5.7	5.7	-76.3	16.3	-169.3	-17.6	-3.6	-1.9
16239	ok	0.0	0.7	5.97e-02	10.1	10.1	5.7	5.7	-183.3	-20.4	-233.1	27.1	5.6	-3.0
16240	ok	0.0	0.7	6.19e-02	10.1	10.1	5.7	5.7	-141.7	-41.5	-278.2	24.9	5.8	-1.7
16241	ok	0.0	0.6	6.58e-02	10.1	10.1	5.7	5.7	-147.5	-70.7	-279.4	17.8	4.6	-1.1
16242	ok	0.0	0.5	6.98e-02	10.1	10.1	5.7	5.7	-126.9	-123.8	-306.9	9.0	3.0	-0.9
16243	ok	0.0	0.5	6.59e-02	10.1	10.1	5.7	5.7	-105.6	-154.2	-276.3	1.0	1.3	-1.0
16244	ok	0.0	0.4	5.51e-02	10.1	10.1	5.7	5.7	-84.2	-97.0	-178.7	-5.6	-0.8	-1.1
16245	ok	0.0	0.4	3.54e-02	10.1	10.1	5.7	5.7	-93.7	9.0	-167.5	-18.3	-3.8	-1.9
16246	ok	0.0	0.8	6.36e-02	10.1	10.1	5.7	5.7	-225.7	54.1	-215.2	28.7	5.9	-2.3
16247	ok	0.0	0.8	6.55e-02	10.1	10.1	5.7	5.7	-157.3	40.6	-334.6	25.5	6.0	-0.8
16248	ok	0.0	0.6	7.41e-02	10.1	10.1	5.7	5.7	-130.3	-41.8	-349.1	15.4	4.3	-0.9
16249	ok	0.0	0.6	8.16e-02	10.1	10.1	5.7	5.7	-108.6	-156.3	-306.0	6.7	2.6	-1.0
16250	ok	0.0	0.6	7.70e-02	10.1	10.1	5.7	5.7	-117.9	-220.9	-301.3	0.7	1.2	-1.3
16251	ok	0.0	0.5	6.07e-02	10.1	10.1	5.7	5.7	-103.1	-143.2	-172.4	-10.3	-0.9	-1.5
16252	ok	0.0	0.4	3.46e-02	10.1	10.1	5.7	5.7	-88.1	10.7	-154.3	-25.8	-5.3	-1.9
16253	ok	0.0	0.9	6.43e-02	10.1	10.1	5.7	5.7	-228.0	183.5	-195.7	31.9	6.2	-2.2
16254	ok	0.0	0.8	7.16e-02	10.1	10.1	5.7	5.7	-219.5	39.9	-333.6	25.4	5.6	-0.6
16255	ok	0.0	0.7	8.06e-02	10.1	10.1	5.7	5.7	-246.3	-59.2	-336.7	18.0	4.2	-1.0
16256	ok	0.0	0.7	9.20e-02	10.1	10.1	5.7	5.7	-199.3	-174.7	-349.0	8.6	2.6	-1.0
16257	ok	0.0	0.8	9.67e-02	10.1	10.1	5.7	5.7	-159.0	-329.1	-219.4	-2.1	0.9	-1.6
16258	ok	0.0	0.5	6.47e-02	10.1	10.1	5.7	5.7	-160.9	-215.7	-183.7	-10.5	-1.1	-2.2
16259	ok	0.0	0.5	3.96e-02	10.1	10.1	5.7	5.7	-113.6	5.1	-160.9	-25.9	-5.4	-1.7
16260	ok	0.0	0.9	8.88e-02	20.1	20.1	5.7	5.7	-329.7	153.1	-216.1	28.1	4.4	1.4
16261	ok	0.0	0.8	5.92e-02	20.1	20.1	5.7	5.7	-127.1	77.7	-329.2	24.9	3.5	-1.0
16262	ok	0.0	0.7	8.60e-02	20.1	20.1	5.7	5.7	-168.7	-8.2	-331.6	18.4	2.6	-0.4
16263	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-303.5	-9.0	-199.7	8.2	1.3	1.0
16264	ok	0.0	1.0	0.1	20.9	20.9	6.5	6.5	-324.0	-523.6	-208.0	-3.5	0.8	-1.8
16265	ok	0.0	0.6	7.63e-02	20.1	20.1	5.7	5.7	-257.0	-173.8	-258.8	-10.5	-1.7	-3.1
16266	ok	0.0	0.5	5.56e-02	20.1	20.1	5.7	5.7	-129.5	26.7	-267.4	-26.1	-5.8	-1.2
17011	ok	0.0	1.0	0.2	21.3	24.5	6.9	10.0	-610.4	-251.8	260.4	19.3	1.6	-0.9
17012	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-84.4	24.2	-149.7	24.8	-2.53e-02	-0.3
17013	ok	0.0	0.3	5.81e-02	20.1	20.1	5.7	5.7	-123.0	31.4	-150.6	19.1	0.6	0.9
17014	ok	0.0	0.9	0.2	20.1	20.1	5.7	5.7	-380.8	-15.1	-162.3	8.2	0.6	1.1
17015	ok	0.0	1.0	0.2	20.2	22.6	5.7	8.2	-413.7	-44.5	185.6	12.6	5.18e-02	0.9
17016	ok	0.0	0.5	7.23e-02	20.1	20.1	5.7	5.7	-158.5	3.9	-137.7	13.2	-0.1	0.9
17017	ok	0.0	0.4	8.48e-02	20.1	20.1	5.7	5.7	-523.2	-67.5	-184.6	5.9	0.1	1.1
17018	ok	0.0	1.0	0.2	21.8	22.9	7.3	8.4	-1070.2	-191.7	-490.5	-7.7	0.9	0.2
17019	ok	0.0	1.0	0.2	25.8	27.1	11.4	12.7	1533.8	334.6	-562.7	16.8	-1.7	2.9
17020	ok	0.0	0.6	9.45e-02	20.1	20.1	5.7	5.7	-203.3	-8.3	140.5	3.6	0.3	1.7
17021	ok	0.0	0.4	5.36e-02	20.1	20.1	5.7	5.7	-258.0	-68.1	-176.9	-4.0	0.2	-1.5
17022	ok	0.0	1.0	0.2	21.5	21.6	7.1	7.1	1092.1	142.5	497.1	-7.7	2.1	3.0
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-4296.96	-1202.81	-1439.17	-105.99	-23.73	-13.01
		0.0	0.99	0.66	29.22	32.47	28.11	24.78	1592.71	1469.81	704.85	52.79	32.91	23.25

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
41	ok Av	6.38	0.17	0.14	5.5	4.6	114.8	96.2
44	ok Av	13.80	0.46	0.12	15.5	4.0	320.9	82.8
81	ok	2.93						
101	ok	1.54						
103	ok	1.14						
104	ok	1.01						
145	ok	5.21						
157	ok	5.17						
159	ok	5.07						
160	ok	5.10						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
161	ok	1.85						
162	ok	1.90						
217	ok Av	9.80	0.22	0.25	7.3	8.4	151.6	174.5
219	ok	3.53						
220	ok	4.95						
255	ok Av	28.05	0.96	0.06	31.8	2.1	658.7	43.6
4749	ok	2.10						
5277	ok	3.85						
5280	ok Av	18.24	0.62	0.06	20.6	2.1	428.8	43.7
5317	ok	1.27						
5337	ok	1.30						
5339	ok	1.25						
5340	ok	1.27						
5381	ok	1.29						
5393	ok	1.97						
5395	ok	1.30						
5396	ok	1.37						
5397	ok	1.46						
5398	ok	2.16						
5453	ok Av	7.71	0.25	0.11	8.2	3.5	171.0	73.4
5455	ok	1.88						
5456	ok	4.54						
5491	ok Av	33.66	1.00	0.09	47.1	2.9	758.2	59.9
9934	ok	4.06						
9937	ok Av	21.34	0.73	0.04	24.2	1.3	503.1	27.9
9974	ok	1.24						
9994	ok	0.99						
9996	ok	0.99						
9997	ok	0.94						
10038	ok	1.03						
10052	ok	1.09						
10053	ok	1.15						
10054	ok	1.31						
10055	ok	2.11						
10110	ok Av	8.02	0.25	0.12	8.4	4.0	174.0	82.2
10112	ok	1.55						
10113	ok	4.59						
10148	ok Av	39.67	1.00	0.08	77.6	2.6	832.3	54.7
13959	ok	3.01						
13962	ok Av	14.23	0.48	0.05	16.1	1.6	335.0	32.3
13999	ok	2.06						
14019	ok	1.05						
14021	ok	1.33						
14022	ok	1.08						
14063	ok	1.04						
14075	ok	0.82						
14077	ok	1.07						
14078	ok	1.06						
14079	ok	1.02						
14080	ok	0.86						
14135	ok	4.96						
14137	ok	1.23						
14138	ok	2.10						
14173	ok Av	21.75	0.74	0.06	24.7	1.9	513.0	39.0
15640	ok Av	17.59	0.60	0.37	19.9	12.4	411.1	255.8
15641	ok	5.87						
15642	ok	4.78						
15643	ok	4.83						
15644	ok	3.81						
15645	ok Av	7.06	0.21	0.12	7.0	4.0	145.0	82.2
15646	ok Av	20.48	0.63	0.31	20.9	10.4	434.4	215.4
15681	ok Av	12.35	0.42	0.19	13.9	6.3	288.5	131.8
15682	ok	4.05						
15683	ok	3.79						
15684	ok	4.61						
15685	ok	5.61						
15686	ok Av	28.80	0.95	0.29	31.5	9.6	653.5	199.8
15711	ok Av	28.30	0.96	0.18	32.0	6.0	663.9	125.6
15712	ok Av	7.11	0.24	0.05	7.9	1.7	164.6	36.3
15713	ok	3.80						
15714	ok	2.26						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
15715	ok	2.01						
15716	ok	2.85						
15717	ok Av	15.48	0.50	0.17	16.6	5.7	345.8	117.9
15787	ok Av	20.71	0.69	0.15	23.1	5.1	480.8	106.3
15788	ok	3.24						
15789	ok	2.75						
15790	ok	1.53						
15791	ok	1.89						
15792	ok Av	11.98	0.40	0.10	13.2	3.4	273.9	70.2
15799	ok Av	17.50	0.58	0.16	19.2	5.3	398.1	110.1
15800	ok	2.61						
15801	ok	1.57						
15802	ok	1.83						
15803	ok	1.71						
15804	ok	1.90						
15805	ok Av	13.00	0.44	0.19	14.7	6.3	304.9	130.2
15917	ok Av	15.31	0.52	0.04	17.4	1.5	361.4	31.0
15918	ok Av	6.98	0.22	0.10	7.2	3.5	149.6	72.2
15919	ok	1.69						
15920	ok	1.15						
15921	ok	1.51						
15922	ok	1.85						
15923	ok Av	12.69	0.42	0.11	13.9	3.7	289.7	76.1
15987	ok Av	7.63	0.24	0.11	8.1	3.5	168.1	73.1
15988	ok Av	9.56	0.31	0.24	10.4	8.0	216.9	166.2
15989	ok	4.18						
15990	ok	5.60						
15991	ok	5.49						
15992	ok Av	7.96	0.27	0.05	9.0	1.7	187.9	34.3
15993	ok Av	16.21	0.47	0.37	15.6	12.4	324.0	258.1
15994	ok Av	6.14	0.08	0.20	2.6	6.5	53.2	134.9
15999	ok	4.55						
16000	ok	3.71						
16001	ok	4.52						
16006	ok	1.35						
16007	ok	1.64						
16008	ok Av	6.51	0.17	0.14	5.6	4.8	116.7	98.9
16009	ok	2.03						
16010	ok	0.74						
16011	ok	0.87						
16012	ok	0.80						
16013	ok	2.88						
16014	ok	5.01						
16015	ok	1.96						
16016	ok	2.00						
16017	ok	1.05						
16018	ok	0.75						
16019	ok	1.15						
16020	ok	1.78						
16021	ok	1.72						
16022	ok	1.37						
16023	ok	1.11						
16024	ok	1.47						
16025	ok	1.81						
16026	ok	1.13						
16027	ok	1.10						
16028	ok	1.09						
16029	ok	1.01						
16030	ok	0.84						
16031	ok	1.40						
16032	ok	2.86						
16033	ok	1.18						
16034	ok	0.97						
16035	ok	0.99						
16036	ok	0.90						
16037	ok	0.84						
16038	ok	0.81						
16039	ok	1.46						
16040	ok	0.99						
16041	ok	0.96						
16042	ok	0.95						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16043	ok	2.06						
16044	ok	0.82						
16045	ok	0.80						
16046	ok	0.90						
16047	ok	0.90						
16048	ok	0.89						
16049	ok	0.92						
16050	ok	1.95						
16051	ok	0.83						
16052	ok	0.85						
16053	ok	0.83						
16054	ok	0.87						
16055	ok	0.89						
16056	ok	0.91						
16057	ok	1.99						
16058	ok	0.87						
16059	ok	0.88						
16060	ok	0.87						
16061	ok	0.87						
16062	ok	0.89						
16063	ok	0.94						
16064	ok	1.34						
16065	ok	1.22						
16066	ok	0.88						
16067	ok	0.87						
16068	ok	0.88						
16069	ok	0.89						
16070	ok	0.99						
16071	ok	2.65						
16072	ok	1.08						
16073	ok	0.92						
16074	ok	0.93						
16075	ok	0.92						
16076	ok	0.92						
16077	ok	1.20						
16078	ok	3.95						
16079	ok	1.58						
16080	ok	0.96						
16081	ok	0.90						
16082	ok	1.08						
16083	ok	1.21						
16084	ok	1.08						
16085	ok	3.36						
16086	ok	2.31						
16087	ok	0.95						
16088	ok	0.83						
16089	ok	2.60						
16090	ok	5.19						
16091	ok	1.70						
16092	ok	1.84						
16093	ok	1.45						
16094	ok	0.92						
16095	ok	1.69						
16096	ok	1.63						
16097	ok	1.26						
16098	ok	1.54						
16099	ok	1.78						
16100	ok	0.93						
16101	ok	0.98						
16102	ok	1.09						
16103	ok	1.25						
16104	ok	1.50						
16105	ok	1.84						
16106	ok	1.20						
16107	ok	0.95						
16108	ok	1.02						
16109	ok	1.27						
16110	ok	1.32						
16111	ok	1.63						
16112	ok	1.05						
16113	ok	1.02						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16114	ok	1.04						
16115	ok	1.25						
16116	ok	1.19						
16117	ok	1.17						
16118	ok	1.10						
16119	ok	1.04						
16120	ok	1.08						
16121	ok	1.26						
16122	ok	1.21						
16123	ok	1.16						
16124	ok	1.13						
16125	ok	1.10						
16126	ok	1.12						
16127	ok	1.32						
16128	ok	1.25						
16129	ok	1.20						
16130	ok	1.16						
16131	ok	1.13						
16132	ok	1.16						
16133	ok	1.38						
16134	ok	1.29						
16135	ok	1.23						
16136	ok	1.17						
16137	ok	1.14						
16138	ok	1.20						
16139	ok	6.00						
16140	ok	4.38						
16141	ok	4.03						
16142	ok	3.63						
16143	ok	5.11						
16144	ok Av	7.26	0.23	0.10	7.6	3.2	158.1	66.2
16149	ok	2.85						
16150	ok	3.39						
16155	ok	1.89						
16156	ok	1.98						
16157	ok	1.69						
16158	ok	1.23						
16159	ok	1.20						
16160	ok	1.40						
16161	ok	1.26						
16162	ok	1.33						
16163	ok	1.53						
16164	ok	1.30						
16165	ok	1.23						
16166	ok	1.20						
16167	ok	1.15						
16168	ok	1.72						
16169	ok	2.52						
16170	ok	3.28						
16171	ok	1.72						
16172	ok	0.53						
16173	ok	0.28						
16174	ok	1.67						
16175	ok	3.23						
16176	ok	4.82						
16177	ok	5.76						
16178	ok	3.83						
16179	ok	2.51						
16180	ok	1.70						
16181	ok	1.75						
16182	ok	4.55						
16187	ok	2.10						
16188	ok	1.45						
16189	ok	1.63						
16190	ok	1.02						
16191	ok	1.45						
16192	ok	3.01						
16197	ok	0.99						
16198	ok	1.13						
16199	ok	1.31						
16200	ok	0.73						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16201	ok	0.59						
16202	ok	1.16						
16203	ok	1.16						
16204	ok	0.95						
16205	ok	0.90						
16206	ok	0.84						
16207	ok	0.79						
16208	ok	0.75						
16209	ok	0.77						
16210	ok	0.80						
16211	ok	0.95						
16212	ok	0.92						
16213	ok	0.87						
16214	ok	0.82						
16215	ok	0.80						
16216	ok	0.80						
16217	ok	0.77						
16218	ok	0.99						
16219	ok	0.96						
16220	ok	0.91						
16221	ok	0.87						
16222	ok	0.85						
16223	ok	0.83						
16224	ok	0.80						
16225	ok	1.04						
16226	ok	1.00						
16227	ok	0.96						
16228	ok	0.92						
16229	ok	0.88						
16230	ok	0.86						
16231	ok	0.84						
16232	ok	1.09						
16233	ok	1.05						
16234	ok	1.00						
16235	ok	0.95						
16236	ok	0.91						
16237	ok	0.88						
16238	ok	0.87						
16239	ok	1.15						
16240	ok	1.11						
16241	ok	1.04						
16242	ok	0.99						
16243	ok	0.94						
16244	ok	0.90						
16245	ok	0.88						
16246	ok	1.30						
16247	ok	1.17						
16248	ok	1.09						
16249	ok	1.01						
16250	ok	0.95						
16251	ok	0.91						
16252	ok	0.88						
16253	ok	2.02						
16254	ok	1.29						
16255	ok	1.13						
16256	ok	1.02						
16257	ok	0.95						
16258	ok	0.91						
16259	ok	0.87						
16260	ok	2.12						
16261	ok	1.37						
16262	ok	1.06						
16263	ok	1.07						
16264	ok	0.96						
16265	ok	0.89						
16266	ok	0.87						
17011	ok	0.75						
17012	ok	1.02						
17013	ok	1.42						
17014	ok	1.77						
17015	ok	1.00						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17016	ok	1.52						
17017	ok	1.68						
17018	ok	1.66						
17019	ok	2.49						
17020	ok	1.86						
17021	ok	1.79						
17022	ok	1.55						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		39.67	1.00	0.37	77.61	12.42	832.26	258.06

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
12	30.00	5	3	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
1309	ok	0.0	0.4	4.93e-02	12.7	12.7	5.7	5.7	-315.8	-37.9	-17.7	22.8	4.7	-13.9
1310	ok	0.0	0.9	0.4	25.4	25.4	5.7	5.7	-2873.0	-440.9	495.9	71.1	4.1	-9.8
1313	ok	0.0	0.3	4.01e-02	12.7	12.7	5.7	5.7	-257.7	2.6	-26.7	30.7	6.4	-12.8
1314	ok	0.0	0.4	4.74e-02	12.7	12.7	5.7	5.7	-268.8	32.8	38.8	38.9	10.7	-12.6
1315	ok	0.0	0.7	0.1	25.4	25.4	5.7	5.7	-611.8	-29.5	170.0	66.0	13.0	-12.5
1415	ok	0.0	0.7	0.2	25.4	25.4	5.7	5.7	-1359.6	-203.5	355.3	70.2	11.3	-11.6
1594	ok	0.0	1.0	0.4	36.9	26.8	17.2	7.0	-3318.7	-578.5	-655.3	49.8	5.3	12.4
1595	ok	0.0	0.5	5.31e-02	12.7	12.7	5.7	5.7	-328.0	-95.2	65.3	12.5	1.8	-15.7
1596	ok	0.0	0.5	6.13e-02	12.7	12.7	5.7	5.7	-254.8	-95.8	200.2	-6.4	-2.2	-15.6
1597	ok	0.0	0.8	0.1	25.4	25.4	5.7	5.7	-509.9	20.6	-224.4	45.2	9.9	15.7
6651	ok	0.0	0.3	3.96e-02	20.1	20.1	5.7	5.7	-277.5	-37.7	20.1	-11.5	-15.0	1.8
6830	ok	0.0	0.9	0.2	20.1	20.1	5.7	5.7	-878.2	-683.2	306.9	27.9	6.1	-6.9
8539	ok	0.0	0.7	1.98e-02	10.1	10.1	5.7	5.7	-57.4	-69.8	57.8	31.1	6.5	-3.2
8590	ok	0.0	0.7	7.76e-04	20.1	20.1	5.7	5.7	522.9	61.7	113.6	-28.9	-0.2	-2.5
8591	ok	0.0	0.5	1.60e-02	10.1	10.1	5.7	5.7	-45.6	-27.4	45.1	20.8	4.4	-3.0
8704	ok	0.0	0.4	1.34e-02	10.1	10.1	5.7	5.7	-53.7	-31.9	-10.4	33.6	6.6	-3.6
8782	ok	0.0	0.3	1.10e-02	20.1	20.1	5.7	5.7	9.7	-28.3	2.8	-23.0	-3.6	-7.2
8791	ok	0.0	0.3	1.24e-02	20.1	20.1	5.7	5.7	127.7	3.9	21.6	-35.2	-5.6	-7.2
8792	ok	0.0	0.8	2.58e-02	10.1	10.1	5.7	5.7	-75.1	-102.7	68.4	38.7	8.0	-3.5
9055	ok	0.0	1.0	3.14e-02	10.1	11.2	5.7	6.3	-124.0	-148.2	44.4	49.6	9.8	8.1
9060	ok	0.0	1.0	6.99e-02	20.1	20.1	5.7	7.3	363.6	119.4	234.8	103.7	13.0	-15.3
12498	ok	0.0	1.0	0.3	23.9	20.2	9.5	5.7	-1485.3	-728.1	631.3	88.7	68.0	-13.7
12895	ok	0.0	1.0	0.3	28.0	21.5	16.8	9.4	-730.1	-855.7	286.8	80.6	59.0	-34.3
13518	ok	0.0	1.0	2.70e-02	20.8	20.1	6.4	5.7	328.1	14.4	-8.9	-21.4	-32.8	11.7
13538	ok	0.0	1.0	0.3	20.1	20.2	5.7	5.7	-1785.0	-283.2	388.7	191.8	8.2	-20.9
16002	ok	0.0	0.4	5.49e-02	10.1	10.1	5.7	5.7	-224.8	-222.1	-59.1	5.6	-1.2	-17.7
16003	ok	0.0	0.3	4.85e-02	10.1	10.1	5.7	5.7	-260.9	-56.9	-105.7	-16.7	4.2	-19.2
16004	ok	0.0	0.6	4.23e-02	10.1	10.1	5.7	5.7	-254.8	22.2	-61.5	-28.1	9.6	-10.6
16005	ok	0.0	0.5	3.68e-02	10.1	10.1	5.7	5.7	-202.1	57.8	-26.3	-27.4	12.5	3.5
16151	ok	0.0	0.5	3.07e-02	10.1	10.1	5.7	5.7	-187.5	25.5	-14.4	-19.0	11.4	10.6
16152	ok	0.0	0.4	2.52e-02	10.1	10.1	5.7	5.7	-118.6	21.5	32.4	13.3	12.1	10.4
16153	ok	0.0	0.7	2.08e-02	10.1	10.1	5.7	5.7	-60.3	-7.0	31.5	41.5	9.3	2.9
16154	ok	0.0	0.8	8.68e-02	10.1	10.1	5.7	5.7	-343.5	-254.0	-39.0	16.4	-0.4	-21.6
16193	ok	0.0	0.6	6.60e-02	10.1	10.1	5.7	5.7	-396.3	-67.6	-87.2	-24.0	1.0	-26.0
16194	ok	0.0	0.6	5.68e-02	10.1	10.1	5.7	5.7	-345.6	78.4	-32.1	-46.0	7.9	-15.3
16195	ok	0.0	0.6	4.70e-02	10.1	10.1	5.7	5.7	-256.4	120.1	65.5	-39.4	7.4	5.2
16196	ok	0.0	0.5	4.38e-02	10.1	10.1	5.7	5.7	-243.3	42.8	73.3	-25.7	5.4	14.3
16755	ok	0.0	0.3	5.74e-02	10.1	10.1	5.7	5.7	-230.2	-73.8	182.6	2.5	2.5	6.2
16756	ok	0.0	0.2	3.27e-02	20.1	20.1	5.7	5.7	-222.9	24.4	5.2	-14.9	-0.3	3.9
16757	ok	0.0	0.3	5.83e-02	10.1	10.1	5.7	5.7	-251.1	-36.7	193.8	-1.2	2.3	5.4
16758	ok	0.0	0.3	5.72e-02	10.1	10.1	5.7	5.7	-274.7	-10.2	124.1	-3.7	1.9	5.0
16759	ok	0.0	0.3	4.12e-02	20.1	20.1	5.7	5.7	-149.9	11.1	51.6	-11.1	-5.6	1.7
16760	ok	0.0	0.6	3.69e-02	10.1	10.1	5.7	5.7	-137.3	8.2	45.8	16.0	9.6	16.4
16761	ok	0.0	0.3	5.83e-02	10.1	10.1	5.7	5.7	-279.2	-115.8	135.9	3.9	2.6	5.8
16762	ok	0.0	0.5	6.48e-02	10.1	10.1	5.7	5.7	-294.8	-119.9	159.3	4.6	2.4	5.7
16763	ok	0.0	1.0	9.14e-02	20.1	20.2	5.7	6.3	-396.2	-487.2	-66.1	13.5	1.4	6.8
16764	ok	0.0	0.3	3.24e-02	10.1	10.1	5.7	5.7	-132.5	-114.9	-31.9	2.6	1.8	-11.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16765	ok	0.0	0.3	1.73e-02	20.1	20.1	5.7	5.7	215.9	-17.6	-12.7	-12.1	6.7	1.9
16766	ok	0.0	0.3	2.00e-02	10.1	10.1	5.7	5.7	-104.5	66.9	-20.2	-1.4	2.6	-3.4
16767	ok	0.0	0.2	2.28e-02	10.1	10.1	5.7	5.7	96.7	-31.4	-27.2	0.4	2.3	-6.5
16768	ok	0.0	0.4	1.80e-02	20.1	20.1	5.7	5.7	140.0	-6.3	-3.8	2.2	-6.8	-14.5
16769	ok	0.0	0.8	2.82e-02	10.1	10.1	5.7	5.7	-72.3	-110.6	79.6	55.1	9.8	-1.1
16770	ok	0.0	0.4	4.69e-02	10.1	10.1	5.7	5.7	-228.2	-241.3	-54.1	7.0	-2.1	-16.6
16771	ok	0.0	0.9	8.09e-02	10.1	10.1	5.7	5.7	-338.1	-408.9	-7.9	21.0	2.2	-19.6
16772	ok	0.0	1.0	0.1	22.2	20.1	11.8	5.7	-416.5	-700.9	-206.3	57.0	29.5	-25.8
16773	ok	0.0	1.0	0.3	30.6	25.4	10.8	5.7	-2107.0	-74.2	240.0	70.7	3.1	-4.6
16774	ok	0.0	0.7	0.2	20.1	20.1	5.7	5.7	-1203.6	-31.9	37.5	45.5	2.4	-1.1
16775	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-937.4	-18.9	22.7	23.1	1.4	1.6
16776	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-781.5	-15.5	17.7	15.8	0.9	3.0
16777	ok	0.0	0.3	9.36e-02	20.1	20.1	5.7	5.7	-659.7	-18.0	15.2	9.9	0.4	3.8
16778	ok	0.0	0.3	7.64e-02	20.1	20.1	5.7	5.7	-537.6	7.3	22.8	4.9	0.6	4.5
16779	ok	0.0	0.3	6.10e-02	20.1	20.1	5.7	5.7	255.6	79.5	-13.8	6.3	1.2	-0.3
16780	ok	0.0	0.3	5.59e-02	20.1	20.1	5.7	5.7	-297.6	-98.2	15.9	-12.3	-5.5	3.4
16781	ok	0.0	0.3	7.50e-02	20.1	20.1	5.7	5.7	-520.4	-15.1	62.1	4.7	0.6	8.4
16782	ok	0.0	0.3	8.90e-02	20.1	20.1	5.7	5.7	-619.0	-15.1	66.7	9.9	1.2	7.8
16783	ok	0.0	0.3	0.1	20.1	20.1	5.7	5.7	-733.9	-18.7	72.2	15.8	1.9	6.2
16784	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-874.4	-31.1	94.2	23.1	3.0	3.8
16785	ok	0.0	0.7	0.2	20.1	20.1	5.7	5.7	-1118.9	-61.7	197.1	45.7	4.9	-0.8
16786	ok	0.0	0.8	0.2	25.4	25.4	5.7	5.7	-1354.1	-228.6	325.1	66.3	7.0	-7.9
16787	ok	0.0	1.0	0.4	39.2	30.6	18.3	10.8	-3038.3	-375.4	-529.8	58.0	6.1	7.5
16788	ok	0.0	0.9	0.2	20.1	20.1	5.7	5.7	-1689.6	-146.3	-224.9	29.4	3.4	1.9
16789	ok	0.0	0.4	0.2	20.1	20.1	5.7	5.7	-1189.8	-59.1	-100.9	15.7	1.5	-1.6
16790	ok	0.0	0.3	0.1	20.1	20.1	5.7	5.7	-977.1	-35.4	-60.6	9.5	0.8	-3.0
16791	ok	0.0	0.2	0.1	20.1	20.1	5.7	5.7	-853.9	-25.9	-46.0	4.9	0.3	-3.9
16792	ok	0.0	0.2	0.1	20.1	20.1	5.7	5.7	-768.4	-26.8	-38.1	1.6	0.2	-4.4
16793	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-680.9	-9.8	174.1	13.9	0.4	5.4
16794	ok	0.0	0.4	8.93e-02	20.1	20.1	5.7	5.7	-525.1	-117.6	111.9	3.9	3.9	-1.9
16795	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-622.3	-21.2	-97.4	1.2	0.4	-4.8
16796	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-696.6	-32.5	-109.6	4.4	0.9	-4.1
16797	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-785.5	-51.9	-141.5	8.8	1.6	-3.0
16798	ok	0.0	0.7	0.1	20.1	20.1	5.7	5.7	-898.3	-97.2	-207.9	14.1	2.9	-1.1
16799	ok	0.0	1.0	0.2	20.1	20.1	5.7	5.7	-978.4	-183.3	-309.9	25.0	5.1	3.7
16800	ok	0.0	1.0	0.2	25.4	25.4	7.7	5.7	-611.1	-362.2	-239.1	44.3	9.0	9.4
16801	ok	0.0	0.4	9.05e-02	20.1	20.1	5.7	5.7	-486.1	97.4	-52.9	9.6	0.4	8.6
16802	ok	0.0	9.83e-02	8.13e-02	20.1	20.1	5.7	5.7	-557.1	-11.4	26.6	7.0	0.3	5.0
16803	ok	0.0	0.1	8.62e-02	20.1	20.1	5.7	5.7	-598.8	0.1	23.2	10.6	9.76e-02	4.4
16804	ok	0.0	0.1	8.98e-02	20.1	20.1	5.7	5.7	-620.3	4.9	-4.3	13.7	-0.5	6.7
16805	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-840.0	109.6	86.5	20.7	-10.7	0.6
16806	ok	0.0	1.0	0.3	20.1	21.1	7.4	6.8	-1550.5	-782.6	736.1	72.1	81.5	-28.4
16807	ok	0.0	1.0	0.1	20.1	20.1	7.0	5.7	-444.7	-637.5	168.7	39.4	26.7	-14.2
16808	ok	0.0	0.4	0.1	20.1	20.1	5.7	5.7	-642.8	-26.2	178.1	25.1	3.6	1.5
16809	ok	0.0	0.2	0.1	20.1	20.1	5.7	5.7	-651.4	-44.6	28.4	15.3	2.2	3.8
16810	ok	0.0	0.1	8.74e-02	20.1	20.1	5.7	5.7	-540.3	-8.4	83.8	10.0	1.3	5.9
16811	ok	0.0	0.1	8.29e-02	20.1	20.1	5.7	5.7	-508.4	-11.3	77.6	6.8	1.4	6.4
16812	ok	0.0	0.2	8.51e-02	20.1	20.1	5.7	5.7	-369.2	-83.7	33.4	5.2	2.0	6.9
16813	ok	0.0	0.2	6.81e-02	10.1	10.1	5.7	5.7	-393.8	-92.0	110.6	4.4	2.6	5.6
16814	ok	0.0	0.1	7.36e-02	10.1	10.1	5.7	5.7	-427.1	-9.3	83.4	6.2	1.9	5.9
16815	ok	0.0	0.2	7.89e-02	10.1	10.1	5.7	5.7	-462.0	-20.0	133.7	9.4	1.7	5.1
16816	ok	0.0	0.2	8.43e-02	10.1	10.1	5.7	5.7	-483.0	-34.6	157.2	13.5	1.8	4.4
16817	ok	0.0	0.2	8.94e-02	10.1	10.1	5.7	5.7	-434.9	-45.0	187.6	21.8	3.4	0.1
16818	ok	0.0	0.8	0.1	10.1	10.1	5.7	5.7	-422.8	-450.9	161.8	25.7	2.8	-11.4
16819	ok	0.0	0.4	6.88e-02	10.1	10.1	5.7	5.7	-287.3	-111.6	166.7	5.1	2.1	6.0
16820	ok	0.0	0.4	8.00e-02	10.1	10.1	5.7	5.7	-469.8	-1.8	-90.2	0.8	0.7	-4.5
16821	ok	0.0	0.5	8.74e-02	10.1	10.1	5.7	5.7	-507.0	-5.1	-102.0	3.6	1.1	-4.0
16822	ok	0.0	0.5	9.35e-02	10.1	10.1	5.7	5.7	-532.0	-16.2	-135.5	6.1	1.7	-2.9
16823	ok	0.0	0.6	9.47e-02	10.1	10.1	5.7	5.7	-520.3	-113.7	-178.3	11.4	2.7	-1.0
16824	ok	0.0	0.6	9.78e-02	10.1	10.1	5.7	5.7	-339.5	-85.5	-305.2	18.3	4.4	3.9
16825	ok	0.0	0.9	0.1	12.7	12.7	5.7	5.7	-188.9	-292.1	-205.1	28.8	6.6	8.9
16826	ok	0.0	0.5	4.79e-02	12.7	12.7	5.7	5.7	-243.6	64.1	74.3	10.6	2.5	-5.4
16827	ok	0.0	0.6	6.29e-02	10.1	10.1	5.7	5.7	-151.3	-167.7	-119.4	10.3	3.5	3.8
16828	ok	0.0	0.5	6.20e-02	10.1	10.1	5.7	5.7	-244.5	-75.6	-167.4	7.2	2.5	-1.0
16829	ok	0.0	0.5	6.27e-02	10.1	10.1	5.7	5.7	-318.0	-34.2	-142.9	4.6	1.5	-3.5
16830	ok	0.0	0.5	6.21e-02	10.1	10.1	5.7	5.7	-243.0	-15.5	220.5	7.0	1.5	8.3
16831	ok	0.0	0.5	6.20e-02	10.1	10.1	5.7	5.7	-240.9	-33.0	212.2	5.7	1.8	7.7
16832	ok	0.0	0.4	6.22e-02	10.1	10.1	5.7	5.7	-243.7	-74.2	188.8	4.1	2.4	6.4
16833	ok	0.0	0.2	5.97e-02	10.1	10.1	5.7	5.7	-306.3	-81.8	116.5	4.3	2.7	5.3
16834	ok	0.0	0.2	6.24e-02	10.1	10.1	5.7	5.7	-331.7	-33.3	119.0	5.9	2.2	5.0
16835	ok	0.0	0.2	6.49e-02	10.1	10.1	5.7	5.7	-348.4	-32.3	151.3	8.6	1.6	4.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16836	ok	0.0	0.2	6.64e-02	10.1	10.1	5.7	5.7	-345.3	-27.7	137.9	10.2	1.0	3.9
16837	ok	0.0	0.3	6.86e-02	10.1	10.1	5.7	5.7	-339.5	-97.3	158.1	14.3	1.0	2.9
16838	ok	0.0	0.6	6.59e-02	10.1	10.1	5.7	5.7	-278.4	-292.6	101.7	15.1	-2.9	-11.4
16839	ok	0.0	0.3	5.52e-02	10.1	10.1	5.7	5.7	-231.2	-55.9	160.7	2.8	2.3	5.3
16840	ok	0.0	0.2	5.44e-02	10.1	10.1	5.7	5.7	-235.6	-32.2	145.5	4.2	1.8	4.5
16841	ok	0.0	0.2	5.43e-02	10.1	10.1	5.7	5.7	-239.0	-22.9	142.8	6.3	1.1	3.8
16842	ok	0.0	0.2	5.40e-02	10.1	10.1	5.7	5.7	-218.5	-44.4	172.2	7.6	0.3	2.6
16843	ok	0.0	0.3	5.35e-02	10.1	10.1	5.7	5.7	-174.5	-82.9	110.8	9.2	-2.1	-0.5
16844	ok	0.0	0.4	4.39e-02	10.1	10.1	5.7	5.7	-140.0	-177.2	-28.6	5.2	-1.6	-10.8
16845	ok	0.0	0.3	4.86e-02	12.7	12.7	5.7	5.7	-290.5	-21.5	70.5	17.5	4.5	-5.6
16846	ok	0.0	0.4	5.16e-02	10.1	10.1	5.7	5.7	-296.0	-10.8	74.8	15.4	4.2	-1.3
16847	ok	0.0	0.5	5.65e-02	10.1	10.1	5.7	5.7	-245.2	15.2	194.2	11.4	3.1	5.5
16848	ok	0.0	0.5	6.08e-02	10.1	10.1	5.7	5.7	-260.7	13.0	196.8	9.6	2.7	6.5
16849	ok	0.0	0.5	6.19e-02	10.1	10.1	5.7	5.7	-232.7	4.9	223.9	6.9	2.4	7.5
16850	ok	0.0	0.4	6.17e-02	10.1	10.1	5.7	5.7	-239.3	1.5	224.9	5.3	2.6	7.4
16851	ok	0.0	0.3	6.07e-02	10.1	10.1	5.7	5.7	-236.2	-73.1	209.1	2.5	2.3	7.1
16852	ok	0.0	0.3	5.59e-02	12.7	12.7	5.7	5.7	-276.8	-102.1	36.4	28.9	6.8	-6.9
16853	ok	0.0	0.2	6.84e-02	10.1	10.1	5.7	5.7	-321.9	-74.7	114.2	21.8	7.3	-1.3
16854	ok	0.0	0.3	7.19e-02	10.1	10.1	5.7	5.7	-359.6	-24.6	165.9	15.8	5.3	3.9
16855	ok	0.0	0.4	7.29e-02	10.1	10.1	5.7	5.7	-365.7	0.7	187.9	11.4	3.7	6.3
16856	ok	0.0	0.4	7.26e-02	10.1	10.1	5.7	5.7	-344.6	-0.6	196.1	7.6	2.8	7.6
16857	ok	0.0	0.4	6.91e-02	10.1	10.1	5.7	5.7	-312.3	-0.7	198.5	4.1	2.5	7.9
16858	ok	0.0	0.3	6.38e-02	10.1	10.1	5.7	5.7	-273.5	-30.9	190.5	1.2	2.7	6.5
16859	ok	0.0	0.5	8.55e-02	12.7	12.7	5.7	5.7	-323.9	-137.0	60.5	37.2	11.2	-6.6
16860	ok	0.0	0.4	9.14e-02	10.1	10.1	5.7	5.7	-437.0	-96.5	128.3	26.8	8.4	-1.3
16861	ok	0.0	0.4	9.13e-02	10.1	10.1	5.7	5.7	-505.6	-44.9	167.4	19.0	5.8	3.8
16862	ok	0.0	0.4	8.88e-02	10.1	10.1	5.7	5.7	-498.7	-24.1	182.5	13.2	3.9	6.2
16863	ok	0.0	0.4	8.27e-02	10.1	10.1	5.7	5.7	-451.6	-20.7	187.1	8.5	2.7	7.7
16864	ok	0.0	0.4	7.44e-02	10.1	10.1	5.7	5.7	-391.4	-22.3	186.2	4.2	2.1	8.2
16865	ok	0.0	0.4	6.36e-02	10.1	10.1	5.7	5.7	-278.7	-16.8	167.5	-2.6	1.8	6.1
16866	ok	0.0	0.8	0.1	25.4	25.4	5.7	5.7	-689.2	-236.0	200.6	61.8	11.9	-6.6
16867	ok	0.0	0.8	0.1	20.1	20.1	5.7	5.7	-787.5	-107.6	200.8	41.3	7.6	-1.3
16868	ok	0.0	0.6	0.1	20.1	20.1	5.7	5.7	-747.5	-48.4	161.3	21.8	5.0	3.7
16869	ok	0.0	0.5	0.1	20.1	20.1	5.7	5.7	-650.9	-26.6	136.0	14.9	3.3	6.2
16870	ok	0.0	0.5	9.31e-02	20.1	20.1	5.7	5.7	-560.1	-20.7	129.1	9.4	2.1	7.8
16871	ok	0.0	0.5	7.96e-02	20.1	20.1	5.7	5.7	-471.0	-24.4	125.3	4.6	1.3	8.6
16872	ok	0.0	0.4	6.36e-02	20.1	20.1	5.7	5.7	-178.4	-28.8	46.4	-4.7	-1.8	7.4
16873	ok	0.0	0.3	2.48e-02	20.1	20.1	5.7	5.7	228.1	68.4	-8.8	-1.3	3.3	-5.9
16874	ok	0.0	0.3	2.46e-02	20.1	20.1	5.7	5.7	353.6	-17.5	13.6	5.1	0.2	0.2
16875	ok	0.0	0.3	2.34e-02	20.1	20.1	5.7	5.7	343.3	9.5	3.2	4.9	-6.72e-02	0.5
16876	ok	0.0	0.2	2.06e-02	20.1	20.1	5.7	5.7	302.4	6.1	3.0	3.2	0.1	1.0
16877	ok	0.0	0.2	2.63e-02	20.1	20.1	5.7	5.7	291.1	-4.2	-27.3	-0.3	-0.4	-0.8
16878	ok	0.0	0.2	2.78e-02	20.1	20.1	5.7	5.7	305.4	77.5	-40.2	-2.0	1.1	0.6
16879	ok	0.0	0.3	3.05e-02	20.1	20.1	5.7	5.7	-203.2	-54.4	21.4	-6.72e-02	3.2	-1.2
16880	ok	0.0	0.2	2.30e-02	20.1	20.1	5.7	5.7	207.6	6.3	27.6	2.3	-0.6	1.7
16881	ok	0.0	0.2	2.03e-02	20.1	20.1	5.7	5.7	230.2	9.1	43.2	3.9	-0.4	1.0
16882	ok	0.0	0.2	2.32e-02	20.1	20.1	5.7	5.7	287.9	7.7	14.6	4.9	-0.3	-0.7
16883	ok	0.0	0.2	2.23e-02	20.1	20.1	5.7	5.7	272.8	-30.1	5.0	5.1	0.1	-1.3
16884	ok	0.0	0.5	2.62e-02	20.1	20.1	5.7	5.7	280.0	77.9	-16.7	-5.3	-14.8	-3.8
16885	ok	0.0	0.3	2.47e-02	20.1	20.1	5.7	5.7	149.9	12.5	-15.5	0.5	-6.0	-5.0
16886	ok	0.0	0.3	2.44e-02	20.1	20.1	5.7	5.7	180.6	-12.8	62.4	5.2	-1.5	-3.4
16887	ok	0.0	0.3	2.47e-02	20.1	20.1	5.7	5.7	174.2	0.4	68.9	5.2	-1.1	0.4
16888	ok	0.0	0.3	2.59e-02	20.1	20.1	5.7	5.7	148.6	4.1	81.9	4.3	-0.9	1.2
16889	ok	0.0	0.3	3.26e-02	20.1	20.1	5.7	5.7	125.6	-5.2	36.1	2.7	0.2	1.7
16890	ok	0.0	0.3	3.92e-02	20.1	20.1	5.7	5.7	-231.5	-55.7	37.5	-9.2	-2.4	1.6
16891	ok	0.0	0.3	5.43e-02	10.1	10.1	5.7	5.7	-233.6	-31.6	181.4	-1.2	1.9	4.0
16892	ok	0.0	0.3	4.98e-02	10.1	10.1	5.7	5.7	-191.7	-19.9	167.6	2.3	1.3	2.8
16893	ok	0.0	0.2	4.64e-02	10.1	10.1	5.7	5.7	-168.0	-20.8	162.2	4.2	5.28e-02	2.1
16894	ok	0.0	0.2	4.37e-02	10.1	10.1	5.7	5.7	-130.2	-32.1	130.9	5.7	-1.1	1.0
16895	ok	0.0	0.3	3.92e-02	10.1	10.1	5.7	5.7	-110.9	-39.0	56.3	6.3	-1.9	-2.8
16896	ok	0.0	0.3	2.62e-02	10.1	10.1	5.7	5.7	-55.9	-116.6	67.6	3.2	-1.1	-6.0
16897	ok	0.0	0.3	4.89e-02	10.1	10.1	5.7	5.7	-193.3	-20.0	159.1	-3.0	0.3	3.0
16898	ok	0.0	0.3	4.13e-02	10.1	10.1	5.7	5.7	-136.8	-9.8	147.4	1.4	-3.83e-02	1.7
16899	ok	0.0	0.3	3.67e-02	10.1	10.1	5.7	5.7	-15.2	-12.1	93.6	5.3	0.2	1.6
16900	ok	0.0	0.3	3.22e-02	10.1	10.1	5.7	5.7	37.3	-17.7	78.1	6.3	-1.1	0.7
16901	ok	0.0	0.2	2.62e-02	10.1	10.1	5.7	5.7	41.1	-29.6	73.9	6.6	-1.5	-3.4
16902	ok	0.0	0.2	2.25e-02	10.1	10.1	5.7	5.7	66.1	-48.7	12.0	2.5	1.2	-4.7
16903	ok	0.0	1.0	0.2	20.3	20.1	5.8	5.7	-1603.8	-238.3	265.4	147.2	11.0	-2.8
16904	ok	0.0	0.5	7.99e-02	20.1	20.1	5.7	5.7	-541.8	-54.3	97.4	22.0	2.9	12.6
16905	ok	0.0	0.3	4.30e-02	20.1	20.1	5.7	5.7	-301.5	-11.3	19.5	-31.5	0.5	17.1
16906	ok	0.0	0.6	1.95e-02	20.1	20.1	5.7	5.7	-36.0	103.7	113.8	-82.7	-11.8	6.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
16907	ok	0.0	1.0	3.39e-02	22.3	20.1	12.6	5.7	-165.9	248.2	100.3	-50.3	-75.9	-7.0
16908	ok	0.0	0.7	5.12e-02	20.1	20.1	5.7	5.7	-228.6	154.0	127.8	-11.2	-17.3	4.0
16909	ok	0.0	1.0	0.2	23.7	20.1	9.9	5.7	-564.3	-475.4	-218.8	10.2	50.0	-7.7
16910	ok	0.0	1.0	0.1	20.4	20.1	6.3	5.7	-268.4	-300.9	-248.7	36.2	30.3	-24.0
16911	ok	0.0	0.8	8.08e-02	20.1	20.1	5.7	5.7	-472.0	8.3	-39.4	-28.0	-9.6	-30.6
16912	ok	0.0	1.0	6.10e-02	22.0	20.1	9.1	5.7	-349.1	221.3	42.9	-57.6	-43.8	-30.0
16913	ok	0.0	0.7	4.91e-02	20.1	20.1	5.7	5.7	-242.6	167.4	140.4	-71.4	-8.5	6.4
16914	ok	0.0	0.4	4.38e-02	20.1	20.1	5.7	5.7	-220.7	42.0	121.7	-36.9	-2.2	18.1
16915	ok	0.0	0.5	4.78e-02	20.1	20.1	5.7	5.7	-227.5	18.1	122.3	18.6	4.4	21.2
16916	ok	0.0	1.0	7.10e-02	20.1	20.1	5.7	5.8	-251.4	-149.0	104.2	73.9	10.2	-0.6
16917	ok	0.0	0.4	3.01e-02	20.1	20.1	5.7	5.7	471.4	84.0	-52.8	-5.7	-1.4	-1.1
16918	ok	0.0	0.3	3.93e-02	20.1	20.1	5.7	5.7	390.9	-6.3	-15.1	-5.3	0.5	-2.3
16919	ok	0.0	0.2	2.94e-02	20.1	20.1	5.7	5.7	301.5	2.4	-10.2	-3.8	0.1	-1.7
16920	ok	0.0	0.2	2.59e-02	20.1	20.1	5.7	5.7	241.9	1.49e-02	-7.4	-4.3	0.2	1.8
16921	ok	0.0	0.2	2.18e-02	20.1	20.1	5.7	5.7	203.7	-2.2	-6.5	-4.0	0.3	1.9
16922	ok	0.0	0.2	1.65e-02	20.1	20.1	5.7	5.7	144.7	-1.9	-5.5	-7.5	-1.0	0.9
16923	ok	0.0	0.4	1.50e-02	20.1	20.1	5.7	5.7	320.8	4.4	3.7	-36.6	-3.4	-1.5
16924	ok	0.0	0.4	1.00e-02	20.1	20.1	5.7	5.7	147.3	38.7	36.7	-28.6	-3.9	-5.6
16925	ok	0.0	0.2	1.60e-02	20.1	20.1	5.7	5.7	137.1	-1.6	-19.8	-7.4	0.9	2.6
16926	ok	0.0	0.2	2.08e-02	20.1	20.1	5.7	5.7	175.3	2.3	-24.6	-4.2	1.0	3.0
16927	ok	0.0	0.2	2.27e-02	20.1	20.1	5.7	5.7	211.0	2.5	-28.8	-4.3	1.1	2.5
16928	ok	0.0	0.2	2.80e-02	20.1	20.1	5.7	5.7	254.7	0.8	-31.9	-3.7	0.9	-3.7
16929	ok	0.0	0.2	2.56e-02	20.1	20.1	5.7	5.7	292.1	6.6	-19.0	-4.5	1.1	-5.0
16930	ok	0.0	0.4	2.88e-02	20.1	20.1	5.7	5.7	349.5	48.3	12.9	-13.6	-9.5	8.0
16931	ok	0.0	0.4	2.45e-02	20.1	20.1	5.7	5.7	144.6	4.8	-5.9	-4.9	-10.6	-2.8
16932	ok	0.0	0.3	2.71e-02	20.1	20.1	5.7	5.7	218.4	8.3	-39.9	-4.0	1.3	-4.8
16933	ok	0.0	0.3	2.57e-02	20.1	20.1	5.7	5.7	186.5	5.5	-57.3	-4.3	2.6	-3.8
16934	ok	0.0	0.3	2.28e-02	20.1	20.1	5.7	5.7	156.7	7.7	-53.4	-4.7	3.1	2.4
16935	ok	0.0	0.3	2.16e-02	20.1	20.1	5.7	5.7	132.3	9.7	-46.6	-4.2	2.9	3.3
16936	ok	0.0	0.3	1.86e-02	20.1	20.1	5.7	5.7	100.7	12.6	-32.8	-6.5	2.1	3.4
16937	ok	0.0	0.3	1.67e-02	20.1	20.1	5.7	5.7	35.2	25.1	19.6	-20.2	-2.4	-6.5
16938	ok	0.0	0.2	2.29e-02	10.1	10.1	5.7	5.7	73.7	-32.4	-37.8	-3.5	2.4	-6.0
16939	ok	0.0	0.3	2.04e-02	10.1	10.1	5.7	5.7	78.1	-17.7	-67.8	-5.1	3.7	-5.7
16940	ok	0.0	0.3	2.05e-02	10.1	10.1	5.7	5.7	69.1	-4.5	-58.6	-6.3	4.2	-4.2
16941	ok	0.0	0.2	1.93e-02	10.1	10.1	5.7	5.7	59.5	2.9	-55.5	-6.3	5.0	2.7
16942	ok	0.0	0.2	1.92e-02	10.1	10.1	5.7	5.7	50.3	7.2	-46.7	-4.5	4.9	4.3
16943	ok	0.0	0.3	1.82e-02	10.1	10.1	5.7	5.7	-57.4	10.1	57.2	19.6	1.0	1.2
16944	ok	0.0	0.4	1.72e-02	10.1	10.1	5.7	5.7	-46.2	-16.7	39.4	30.9	1.4	-4.9
16945	ok	0.0	0.2	2.05e-02	10.1	10.1	5.7	5.7	-25.7	-64.4	-43.8	-2.7	2.6	-8.1
16946	ok	0.0	0.3	1.96e-02	10.1	10.1	5.7	5.7	-32.9	-30.7	-66.0	-7.7	4.8	-7.7
16947	ok	0.0	0.3	1.81e-02	10.1	10.1	5.7	5.7	-30.1	6.8	-76.1	-7.9	8.5	-5.5
16948	ok	0.0	0.3	1.68e-02	10.1	10.1	5.7	5.7	-31.1	27.3	-71.4	-9.0	9.7	2.4
16949	ok	0.0	0.3	1.68e-02	10.1	10.1	5.7	5.7	-25.7	26.2	-60.4	-5.4	9.3	5.8
16950	ok	0.0	0.3	1.72e-02	10.1	10.1	5.7	5.7	-78.5	11.5	59.2	14.7	4.0	0.4
16951	ok	0.0	0.5	1.69e-02	10.1	10.1	5.7	5.7	-66.4	-31.2	53.8	18.9	4.0	-3.1
16952	ok	0.0	0.3	3.52e-02	10.1	10.1	5.7	5.7	-146.6	-145.7	-71.8	-2.2	1.6	-13.0
16953	ok	0.0	0.3	3.31e-02	10.1	10.1	5.7	5.7	-152.1	-55.4	-91.7	-11.4	5.7	-12.6
16954	ok	0.0	0.4	2.83e-02	10.1	10.1	5.7	5.7	-150.0	1.3	-71.0	-17.6	9.0	-6.8
16955	ok	0.0	0.4	2.46e-02	10.1	10.1	5.7	5.7	-119.3	54.9	-41.8	-16.3	12.6	2.9
16956	ok	0.0	0.4	2.03e-02	10.1	10.1	5.7	5.7	-111.7	33.2	-33.3	-10.6	11.8	8.2
16957	ok	0.0	0.4	1.80e-02	10.1	10.1	5.7	5.7	-99.2	23.2	4.1	13.8	11.6	6.6
16958	ok	0.0	0.6	1.73e-02	10.1	10.1	5.7	5.7	-59.1	-37.1	52.8	28.5	6.1	-2.6
17488	ok	0.0	0.8	5.41e-02	10.1	10.1	5.7	5.7	-314.2	193.2	77.3	-73.5	-5.2	-6.9
17489	ok	0.0	0.3	1.75e-02	10.1	10.1	5.7	5.7	-31.7	24.3	-73.5	-9.0	9.6	-2.7
17490	ok	0.0	0.3	2.01e-02	10.1	10.1	5.7	5.7	68.3	12.8	-70.9	-5.7	6.1	-2.6
17491	ok	0.0	0.4	2.60e-02	10.1	10.1	5.7	5.7	-136.7	50.7	-66.1	-16.5	12.9	-3.3
17492	ok	0.0	0.5	3.93e-02	10.1	10.1	5.7	5.7	-240.0	44.7	-50.8	-28.5	12.3	-4.3
17493	ok	0.0	0.7	5.13e-02	10.1	10.1	5.7	5.7	-324.8	98.4	-18.3	-49.1	9.2	-4.8
17494	ok	0.0	0.2	2.48e-02	20.1	20.1	5.7	5.7	233.1	4.7	-31.3	-3.5	1.1	2.4
17495	ok	0.0	0.2	2.75e-02	20.1	20.1	5.7	5.7	279.5	1.9	-8.6	-3.3	0.1	2.0
17496	ok	0.0	0.3	2.44e-02	20.1	20.1	5.7	5.7	172.0	8.1	-55.6	-3.9	3.0	-2.9
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-3318.66	-855.68	-655.30	-82.71	-75.94	-34.26
		0.0	1.00	0.44	39.19	30.57	18.29	10.78	522.93	248.22	736.11	191.85	81.48	21.24

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
1309	ok	3.47						
1310	ok Av	5.57	0.09	0.17	3.0	5.6	62.0	115.7
1313	ok	3.32						
1314	ok	3.17						
1315	ok	4.13						
1415	ok	5.24						
1594	ok	4.55						
1595	ok	3.57						
1596	ok	3.71						
1597	ok Av	5.38	0.11	0.15	3.6	5.0	73.7	102.7
6651	ok Av	5.90	0.14	0.14	4.7	4.8	97.7	99.2
6830	ok Av	6.35	0.19	0.10	6.5	3.2	134.1	67.1
8539	ok	3.75						
8590	ok	4.07						
8591	ok	3.67						
8704	ok	3.70						
8782	ok	3.99						
8791	ok	4.71						
8792	ok	4.15						
9055	ok	4.80						
9060	ok Av	8.66	0.18	0.24	6.1	8.0	127.0	165.8
12498	ok Av	11.30	0.37	0.22	12.4	7.4	257.9	153.5
12895	ok Av	24.50	0.78	0.29	26.3	9.8	546.0	203.5
13518	ok Av	13.49	0.28	0.36	9.4	12.1	196.2	250.8
13538	ok Av	14.04	0.32	0.40	10.6	13.2	221.2	274.1
16002	ok	0.97						
16003	ok	1.07						
16004	ok	1.21						
16005	ok	1.46						
16151	ok	1.63						
16152	ok	1.65						
16153	ok	2.70						
16154	ok	2.77						
16193	ok	2.34						
16194	ok	4.01						
16195	ok	3.71						
16196	ok	2.81						
16755	ok	0.14						
16756	ok	3.69						
16757	ok	0.23						
16758	ok	0.44						
16759	ok	1.93						
16760	ok	2.61						
16761	ok	0.16						
16762	ok	0.35						
16763	ok	3.72						
16764	ok	0.48						
16765	ok	3.89						
16766	ok	0.27						
16767	ok	0.46						
16768	ok	4.87						
16769	ok	3.42						
16770	ok	0.94						
16771	ok	2.40						
16772	ok Av	10.53	0.31	0.26	10.3	8.6	213.2	179.2
16773	ok	2.56						
16774	ok	2.43						
16775	ok	3.23						
16776	ok	3.70						
16777	ok	3.97						
16778	ok	4.04						
16779	ok	3.74						
16780	ok	2.87						
16781	ok	0.83						
16782	ok	0.72						
16783	ok	0.80						
16784	ok	0.96						
16785	ok	1.39						
16786	ok	1.83						
16787	ok	2.11						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16788	ok	1.92						
16789	ok	2.07						
16790	ok	2.09						
16791	ok	2.07						
16792	ok	2.02						
16793	ok	2.94						
16794	ok	0.67						
16795	ok	0.43						
16796	ok	0.50						
16797	ok	0.53						
16798	ok	0.65						
16799	ok	1.33						
16800	ok	3.26						
16801	ok	2.50						
16802	ok	2.26						
16803	ok	2.11						
16804	ok	2.08						
16805	ok	3.41						
16806	ok Av	26.35	0.84	0.32	28.3	10.6	588.0	221.2
16807	ok Av	8.97	0.27	0.17	9.0	5.6	186.5	116.1
16808	ok	1.83						
16809	ok	0.62						
16810	ok	0.30						
16811	ok	0.35						
16812	ok	1.41						
16813	ok	0.28						
16814	ok	0.24						
16815	ok	0.30						
16816	ok	0.54						
16817	ok	0.79						
16818	ok	2.16						
16819	ok	0.27						
16820	ok	0.30						
16821	ok	0.33						
16822	ok	0.42						
16823	ok	0.62						
16824	ok	0.85						
16825	ok	2.48						
16826	ok	2.40						
16827	ok	0.61						
16828	ok	0.50						
16829	ok	0.34						
16830	ok	0.27						
16831	ok	0.23						
16832	ok	0.18						
16833	ok	0.11						
16834	ok	0.17						
16835	ok	0.25						
16836	ok	0.33						
16837	ok	0.62						
16838	ok	0.93						
16839	ok	0.15						
16840	ok	0.18						
16841	ok	0.20						
16842	ok	0.26						
16843	ok	0.42						
16844	ok	0.49						
16845	ok	2.04						
16846	ok	0.63						
16847	ok	0.49						
16848	ok	0.32						
16849	ok	0.27						
16850	ok	0.24						
16851	ok	0.18						
16852	ok	1.86						
16853	ok	0.78						
16854	ok	0.61						
16855	ok	0.44						
16856	ok	0.36						
16857	ok	0.31						
16858	ok	0.24						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16859	ok	2.14						
16860	ok	1.09						
16861	ok	0.79						
16862	ok	0.55						
16863	ok	0.44						
16864	ok	0.42						
16865	ok	0.54						
16866	ok	2.60						
16867	ok	1.23						
16868	ok	0.86						
16869	ok	0.61						
16870	ok	0.49						
16871	ok	0.56						
16872	ok	1.28						
16873	ok	4.18						
16874	ok	1.37						
16875	ok	1.30						
16876	ok	1.31						
16877	ok	1.60						
16878	ok	2.00						
16879	ok	2.09						
16880	ok	0.26						
16881	ok	0.20						
16882	ok	0.14						
16883	ok	0.24						
16884	ok	3.65						
16885	ok	2.68						
16886	ok	0.19						
16887	ok	0.08						
16888	ok	0.15						
16889	ok	0.35						
16890	ok	1.66						
16891	ok	0.22						
16892	ok	0.19						
16893	ok	0.19						
16894	ok	0.20						
16895	ok	0.27						
16896	ok	0.32						
16897	ok	0.33						
16898	ok	0.25						
16899	ok	0.18						
16900	ok	0.13						
16901	ok	0.18						
16902	ok	0.49						
16903	ok Av	12.24	0.39	0.18	13.0	5.9	270.0	123.4
16904	ok Av	11.03	0.38	0.01	12.5	0.4	260.2	8.2
16905	ok Av	11.70	0.40	0.03	13.3	1.1	276.2	23.6
16906	ok Av	13.64	0.46	0.08	15.3	2.7	316.9	56.8
16907	ok Av	17.55	0.60	0.14	19.9	4.5	412.8	94.3
16908	ok Av	8.26	0.27	0.08	9.1	2.6	189.2	53.8
16909	ok Av	6.84	0.23	0.18	7.7	6.1	159.6	127.0
16910	ok Av	8.26	0.23	0.20	7.6	6.6	158.2	137.2
16911	ok Av	6.27	0.21	0.04	7.0	1.2	146.3	25.1
16912	ok Av	7.92	0.18	0.24	5.8	8.1	121.0	167.5
16913	ok Av	6.18	0.13	0.18	4.4	6.0	91.3	124.3
16914	ok	4.72						
16915	ok	3.10						
16916	ok	5.05						
16917	ok	2.47						
16918	ok	4.01						
16919	ok	3.37						
16920	ok	2.85						
16921	ok	2.26						
16922	ok	1.83						
16923	ok	2.79						
16924	ok	2.05						
16925	ok	0.93						
16926	ok	0.71						
16927	ok	0.77						
16928	ok	0.84						
16929	ok	1.14						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16930	ok	4.36						
16931	ok	3.00						
16932	ok	0.91						
16933	ok	0.53						
16934	ok	0.52						
16935	ok	0.54						
16936	ok	0.72						
16937	ok	2.11						
16938	ok	0.49						
16939	ok	0.43						
16940	ok	0.43						
16941	ok	0.50						
16942	ok	0.59						
16943	ok	0.67						
16944	ok	2.17						
16945	ok	0.26						
16946	ok	0.18						
16947	ok	0.31						
16948	ok	0.52						
16949	ok	0.70						
16950	ok	0.88						
16951	ok	2.16						
16952	ok	0.48						
16953	ok	0.47						
16954	ok	0.64						
16955	ok	0.80						
16956	ok	0.94						
16957	ok	1.21						
16958	ok	2.33						
17488	ok Av	7.27	0.17	0.22	5.6	7.4	115.8	153.0
17489	ok	0.46						
17490	ok	0.47						
17491	ok	0.68						
17492	ok	1.69						
17493	ok	2.55						
17494	ok	0.78						
17495	ok	3.01						
17496	ok	0.51						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		26.35	0.84	0.40	28.30	13.19	587.99	274.12

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
15	20.00	5	3	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
157	ok	0.0	0.5	2.53e-02	10.1	10.1	5.7	5.7	185.0	112.7	108.1	4.4	0.3	-0.3
3265	ok	0.0	0.2	2.32e-02	10.1	10.1	5.7	5.7	-36.1	21.8	-67.0	-9.2	-1.7	-1.2
3270	ok	0.0	0.1	2.13e-02	10.1	10.1	5.7	5.7	-33.6	-35.2	-57.3	-1.3	-0.8	-0.6
3271	ok	0.0	9.09e-02	2.10e-02	10.1	10.1	5.7	5.7	-71.9	-55.7	-9.5	-0.4	2.60e-02	-0.1
3272	ok	0.0	0.2	5.63e-02	10.1	10.1	5.7	5.7	-136.3	-62.2	41.4	1.7	0.5	-0.3
3317	ok	0.0	0.4	2.84e-02	10.1	10.1	5.7	5.7	-107.8	-23.6	42.2	-8.7	-0.3	-0.6
3318	ok	0.0	0.3	1.79e-02	10.1	10.1	5.7	5.7	-59.6	1.5	-39.5	-16.9	-3.4	0.2
3319	ok	0.0	0.3	2.11e-02	10.1	10.1	5.7	5.7	-67.5	4.3	-47.7	-15.2	-3.0	-0.6
16078	ok	0.0	0.8	7.72e-02	10.1	10.1	5.7	5.7	202.5	296.6	128.5	3.8	1.6	-1.2
16270	ok	0.0	0.9	4.93e-02	10.1	10.1	5.7	5.7	-34.4	173.9	-28.3	8.4	3.1	-0.6
16271	ok	0.0	1.0	4.56e-02	10.1	10.1	6.4	5.9	32.6	428.3	-9.4	-1.6	-2.8	-2.5
16272	ok	0.0	1.0	4.07e-02	10.1	10.1	6.7	7.2	28.8	532.9	-3.5	0.7	1.0	-1.0
16273	ok	0.0	1.0	4.48e-02	10.2	10.1	6.0	7.0	-12.4	501.2	15.9	2.5	2.0	-1.2
16274	ok	0.0	0.3	2.36e-02	10.1	10.1	5.7	5.7	-82.2	-26.1	40.9	16.8	1.4	-0.4
16276	ok	0.0	0.3	1.95e-02	10.1	10.1	5.7	5.7	-33.8	-15.6	41.7	16.5	3.3	8.59e-02
16281	ok	0.0	0.5	2.42e-02	10.1	10.1	5.7	5.7	-60.7	130.4	-15.4	11.2	2.9	-1.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-136.33	-62.22	-67.03	-16.85	-3.41	-2.48
		0.0	0.99	0.08	10.16	10.09	6.67	7.17	202.53	532.94	128.54	16.82	3.33	0.17

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
157	ok	2.93						
3265	ok	3.90						
3270	ok	2.11						
3271	ok	0.77						
3272	ok	1.18						
3317	ok	6.09						
3318	ok	5.72						
3319	ok	6.07						
16078	ok	4.28						
16270	ok	5.36						
16271	ok	2.26						
16272	ok	0.60						
16273	ok	2.70						
16274	ok	6.04						
16276	ok	5.91						
16281	ok	5.82						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		6.09						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
16	20.00	5	3	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
197	ok	0.0	0.2	2.34e-02	10.1	10.1	5.7	5.7	-79.7	-18.1	-44.4	1.3	0.4	0.1
3356	ok	0.0	0.3	2.77e-02	10.1	10.1	5.7	5.7	122.7	20.4	43.7	-3.7	-0.4	-9.68e-02
16282	ok	0.0	0.2	2.88e-02	10.1	10.1	5.7	5.7	114.6	20.1	45.3	-2.3	0.4	0.3
16427	ok	0.0	0.2	2.19e-02	10.1	10.1	5.7	5.7	69.3	16.1	46.0	3.7	0.6	0.2
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-79.66	-18.09	-44.38	-3.72	-0.40	-0.10
		0.0	0.29	0.03	10.05	10.05	5.65	5.65	122.69	20.42	45.98	3.67	0.61	0.27

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
197	ok	1.59						
3356	ok	0.95						
16282	ok	0.77						
16427	ok	1.62						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		1.62						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
31	40.00	5	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
12354	ok	0.0	0.5	0.1	4.0	4.0	10.1	10.1	-39.0	-1001.1	210.3	8.5	11.7	-22.1
12358	ok	0.0	0.9	0.2	4.0	4.0	10.1	10.1	-1093.8	-1087.7	621.7	53.0	21.8	-15.9
12362	ok	0.0	1.0	0.1	4.0	7.0	10.1	11.8	94.7	-781.9	-142.2	35.2	7.7	-6.3
12366	ok	0.0	1.0	8.50e-02	4.2	4.8	10.2	10.9	42.2	-659.9	-167.4	22.7	5.5	-5.7
12370	ok	0.0	0.8	6.37e-02	4.0	4.0	10.1	10.1	-7.1	-416.9	-229.4	-1.8	0.2	3.1
12374	ok	0.0	1.0	7.51e-02	4.0	4.0	10.1	10.1	10.0	-531.0	-227.4	13.6	3.7	-4.6
12378	ok	0.0	0.7	4.44e-02	4.0	4.0	10.1	10.1	16.8	-206.0	-210.9	0.9	7.66e-02	3.2
12382	ok	0.0	0.8	5.35e-02	4.0	4.0	10.1	10.1	9.5	-312.1	-53.7	1.81e-02	0.3	3.6
12386	ok	0.0	0.7	2.69e-02	4.0	4.0	10.1	10.1	25.1	167.5	-213.2	-4.4	-1.4	4.9
12390	ok	0.0	0.7	3.21e-02	4.0	4.0	10.1	10.1	23.0	257.9	-141.8	-2.5	-0.9	4.3
12391	ok	0.0	0.7	3.69e-02	4.0	4.0	10.1	10.1	23.1	227.4	-163.5	-1.2	-0.6	4.3
12398	ok	0.0	0.8	1.86e-02	4.0	4.0	10.1	10.1	8.7	277.7	-194.5	-15.6	-3.7	0.8
12402	ok	0.0	0.8	2.07e-02	4.0	4.0	10.1	10.1	16.5	225.9	-193.5	-10.2	-2.5	3.5
12406	ok	0.0	0.8	1.50e-02	4.0	4.0	10.1	10.1	5.5	316.1	-165.3	-18.6	-4.4	-2.2
12410	ok	0.0	0.7	1.31e-02	4.0	4.0	10.1	10.1	3.5	341.0	-157.5	-19.6	-4.7	-4.4
12414	ok	0.0	0.7	8.44e-03	4.0	4.0	10.1	10.1	12.8	426.5	-147.2	-15.7	-4.0	-11.2
12418	ok	0.0	0.7	1.10e-02	4.0	4.0	10.1	10.1	5.5	383.5	-144.9	-18.9	-4.7	-8.1
12422	ok	0.0	0.9	6.84e-04	4.0	4.0	10.1	10.1	42.9	555.5	-51.3	2.6	-0.3	-15.9
12426	ok	0.0	0.8	1.36e-03	4.0	4.0	10.1	10.1	37.5	526.9	-77.4	-2.1	-1.2	-15.9
12427	ok	0.0	0.8	3.62e-03	4.0	4.0	10.1	10.1	28.5	493.6	-99.4	-7.1	-2.2	-15.3
12428	ok	0.0	0.8	6.08e-03	4.0	4.0	10.1	10.1	21.0	463.1	-113.8	-11.4	-3.1	-13.4
12438	ok	0.0	0.9	6.61e-04	4.0	4.0	10.1	10.1	51.8	589.1	-28.1	8.7	0.9	-14.4
12442	ok	0.0	0.8	5.36e-04	4.0	4.0	10.1	10.1	60.4	606.9	55.9	14.1	2.0	-10.7
12446	ok	0.0	0.8	5.25e-04	4.0	4.0	10.1	10.1	57.8	601.3	24.4	11.8	1.5	-12.7
12450	ok	0.0	0.8	5.70e-04	4.0	4.0	10.1	10.1	60.7	608.6	87.6	15.8	2.3	-8.4
12454	ok	0.0	0.9	5.10e-04	4.0	4.0	10.1	10.1	61.8	595.9	112.9	17.3	2.6	-5.0
12458	ok	0.0	1.0	2.44e-03	4.0	4.3	10.1	10.3	61.8	553.6	176.4	18.3	2.7	4.31e-02
12462	ok	0.0	1.0	5.51e-04	4.0	4.0	10.1	10.1	62.4	578.3	161.8	17.9	2.7	-2.6
12466	ok	0.0	1.0	7.36e-03	4.0	5.7	10.1	11.7	58.1	492.0	228.3	18.5	2.5	4.3
12470	ok	0.0	1.0	4.32e-03	4.0	5.0	10.1	11.1	60.8	526.0	203.0	18.5	2.6	2.2
12474	ok	0.0	1.0	1.49e-02	4.0	6.8	10.1	12.9	53.5	422.8	266.0	19.0	2.3	7.5
12478	ok	0.0	1.0	1.91e-02	4.3	8.1	10.4	14.1	52.6	344.2	293.8	20.3	1.8	9.6
12482	ok	0.0	1.0	2.17e-02	5.0	8.7	11.1	14.8	53.5	302.8	322.6	21.6	1.5	10.3
12486	ok	0.0	1.0	2.44e-02	7.1	11.2	13.1	15.3	63.2	162.4	297.9	24.4	-2.4	9.8
12490	ok	0.0	1.0	3.40e-02	8.5	13.2	13.7	16.4	-20.4	67.9	132.4	5.1	18.6	-21.3
12494	ok	0.0	1.0	5.32e-02	8.2	15.7	14.3	19.7	137.5	-47.1	-51.4	-19.1	-18.5	37.5
12498	ok	0.0	1.0	0.1	4.0	6.4	10.1	12.5	-683.8	-122.1	353.1	29.2	51.2	-9.7
16907	ok	0.0	0.7	0.1	4.0	4.0	10.1	10.1	-155.6	65.0	140.1	1.1	-63.1	-8.3
16908	ok	0.0	1.0	7.17e-02	5.1	4.0	11.2	10.1	-499.0	-67.0	183.5	43.7	-12.5	26.1
16909	ok	0.0	1.0	9.38e-02	4.0	5.7	10.1	11.7	-628.3	42.9	299.6	66.2	29.4	32.5
17307	ok	0.0	1.0	5.74e-03	16.3	13.0	57.6	20.9	342.9	2302.7	759.4	2.5	-205.4	-20.4
17308	ok	0.0	0.7	0.3	4.0	4.0	10.1	10.1	-1438.0	-2363.3	770.9	0.4	13.0	-15.4
17309	ok	0.0	1.0	0.1	13.1	13.4	11.4	11.6	646.5	-1015.8	120.6	0.1	3.8	-7.7
17310	ok	0.0	0.4	0.1	4.0	4.0	10.1	10.1	54.3	-974.1	15.3	-0.9	-0.4	-6.0
17311	ok	0.0	0.2	7.94e-02	4.0	4.0	10.1	10.1	-13.0	-653.3	-6.0	-9.99e-02	0.7	-4.50e-03
17312	ok	0.0	0.2	0.1	4.0	4.0	10.1	10.1	-8.5	-833.1	-19.6	-0.5	0.6	-5.0
17313	ok	0.0	0.4	4.10e-02	4.0	4.0	10.1	10.1	10.5	282.3	6.8	5.94e-02	-0.2	0.8
17314	ok	0.0	0.3	5.88e-02	4.0	4.0	10.1	10.1	-11.7	-483.5	-12.2	-4.77e-02	0.3	8.26e-02
17315	ok	0.0	0.6	5.22e-03	4.0	4.0	10.1	10.1	13.5	473.1	-1.6	5.40e-02	-0.4	0.7
17316	ok	0.0	0.5	1.52e-02	4.0	4.0	10.1	10.1	12.9	422.3	1.0	6.92e-02	-0.4	0.8
17317	ok	0.0	0.5	2.74e-02	4.0	4.0	10.1	10.1	14.1	369.7	1.8	7.02e-02	-0.3	0.9
17318	ok	0.0	0.7	9.79e-04	4.0	4.0	10.1	10.1	8.4	565.5	6.7	-5.44e-02	-0.6	-0.8
17319	ok	0.0	0.7	1.10e-03	4.0	4.0	10.1	10.1	9.9	516.3	-3.0	9.04e-03	-0.4	0.3
17320	ok	0.0	0.8	1.01e-03	4.0	4.0	10.1	10.1	10.2	616.9	2.5	-8.64e-02	-0.7	-1.2
17321	ok	0.0	0.8	1.17e-03	4.0	4.0	10.1	10.1	11.3	648.1	-1.3	-0.1	-0.8	-1.5
17322	ok	0.0	1.0	7.54e-04	4.0	4.0	10.1	10.1	1.1	762.4	-4.8	-0.2	-0.8	-1.9
17323	ok	0.0	0.9	7.08e-04	4.0	4.0	10.1	10.1	1.5	689.8	2.7	-0.2	-0.8	-1.3
17324	ok	0.0	1.0	7.34e-04	4.0	4.0	12.7	12.6	1.5	978.9	3.4	3.95e-02	-0.8	-2.6
17325	ok	0.0	1.0	6.72e-04	4.0	4.0	12.1	12.0	1.4	935.7	2.8	-1.43e-02	-0.8	-2.6
17326	ok	0.0	1.0	6.66e-04	4.0	4.0	11.4	11.3	1.3	883.3	-4.1	-7.55e-02	-0.7	-2.4
17327	ok	0.0	1.0	7.75e-04	4.0	4.0	10.7	10.6	1.2	825.3	-4.3	-0.1	-0.7	-2.2
17328	ok	0.0	1.0	5.52e-04	4.0	4.0	13.4	13.2	1.9	1031.0	4.0	9.96e-02	-0.9	-2.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
17329	ok	0.0	1.0	4.93e-04	4.0	4.0	13.6	13.5	1.6	1053.0	-3.2	0.2	-1.0	-1.7
17330	ok	0.0	1.0	6.81e-04	4.0	4.0	13.5	13.4	1.3	1045.8	-3.7	0.1	-0.9	-2.1
17331	ok	0.0	1.0	4.51e-04	4.0	4.0	13.6	13.4	1.4	1044.1	4.1	0.2	-1.0	-1.3
17332	ok	0.0	1.0	4.34e-04	4.0	4.0	13.2	13.0	1.6	1016.8	4.2	0.2	-1.1	-0.8
17333	ok	0.0	1.0	3.86e-04	4.0	4.0	12.1	11.9	1.5	931.0	3.4	0.2	-1.2	-3.64e-03
17334	ok	0.0	1.0	4.30e-04	4.0	4.0	12.7	12.5	1.5	979.4	-2.2	0.2	-1.1	-0.4
17335	ok	0.0	1.0	3.50e-04	4.0	4.0	10.6	10.4	2.0	818.4	-2.1	0.2	-1.4	0.7
17336	ok	0.0	1.0	4.85e-04	4.0	4.0	11.4	11.2	1.3	877.4	3.9	0.2	-1.3	0.3
17337	ok	0.0	0.9	4.40e-04	4.0	4.0	10.1	10.1	1.9	687.9	-2.2	0.1	-1.7	1.1
17338	ok	0.0	0.7	9.19e-04	4.0	4.0	10.1	10.1	1.3	544.9	4.3	7.61e-02	-2.5	1.4
17339	ok	0.0	0.6	5.02e-04	4.0	4.0	10.1	10.1	7.0	470.3	-2.1	-0.7	-3.1	9.8
17340	ok	0.0	0.7	2.12e-03	4.0	4.0	10.1	10.1	4.2	233.7	0.3	-0.5	-10.4	17.3
17341	ok	0.0	1.0	3.03e-02	5.4	4.0	11.5	10.1	-20.2	-100.2	63.8	12.5	47.2	-35.0
17342	ok	0.0	1.0	5.22e-02	6.3	4.0	12.3	10.1	-235.2	-357.4	115.9	18.0	58.4	-42.6
17343	ok	0.0	1.0	0.0	37.3	33.8	56.5	57.6	1784.9	3820.3	579.5	-0.4	-20.4	-19.0
17344	ok	0.0	1.0	0.1	5.2	6.5	30.5	30.0	124.9	2124.7	-89.2	2.7	7.0	-11.0
17345	ok	0.0	1.0	1.53e-02	4.0	5.4	21.9	23.1	33.9	1644.8	-33.0	1.9	8.7	-9.4
17346	ok	0.0	1.0	2.19e-02	4.0	4.6	13.4	14.6	24.5	1077.7	-29.0	1.4	6.8	-7.2
17347	ok	0.0	1.0	6.26e-03	4.0	5.1	17.1	18.5	19.6	1374.4	-33.3	1.4	7.1	-8.9
17348	ok	0.0	0.7	6.29e-02	4.0	4.0	10.1	10.1	12.2	499.6	-14.4	0.2	0.2	0.8
17349	ok	0.0	1.0	4.32e-02	4.0	4.0	10.3	10.3	17.3	799.1	-14.1	0.2	0.4	0.6
17350	ok	0.0	0.1	0.1	4.0	4.0	10.1	10.1	-21.5	-901.7	5.0	-7.25e-02	-3.7	0.7
17351	ok	0.0	0.2	9.54e-02	4.0	4.0	10.1	10.1	-21.5	-784.6	6.7	-9.83e-02	-2.7	1.1
17352	ok	0.0	0.4	8.00e-02	4.0	4.0	10.1	10.1	-23.0	-658.6	7.5	-0.1	-2.0	1.4
17353	ok	0.0	0.2	0.1	4.0	4.0	10.1	10.1	-12.7	-1149.5	8.7	5.95e-02	-6.6	-1.3
17354	ok	0.0	0.1	0.1	4.0	4.0	10.1	10.1	-11.6	-1005.9	9.1	2.27e-04	-5.2	-0.1
17355	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-2.3	-1323.1	-5.4	0.3	-9.2	-0.9
17356	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-2.4	-1426.1	-8.84e-02	0.3	-9.6	-1.4
17357	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-2.4	-1750.4	-5.7	0.3	-8.3	-2.9
17358	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-2.6	-1593.6	0.4	0.3	-9.6	-2.2
17359	ok	0.0	0.3	0.3	4.0	4.0	10.1	10.1	-3.1	-2165.6	1.7	-3.69e-02	0.3	-4.0
17360	ok	0.0	0.3	0.3	4.0	4.0	10.1	10.1	-2.9	-2087.2	-4.6	3.95e-02	-2.0	-4.0
17361	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-2.8	-1990.4	-4.9	0.1	-4.3	-3.8
17362	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-2.6	-1877.1	-5.2	0.2	-6.4	-3.4
17363	ok	0.0	0.3	0.3	4.0	4.0	10.1	10.1	-3.0	-2236.9	-4.1	-0.1	3.3	-3.7
17364	ok	0.0	0.3	0.3	4.0	4.0	10.1	10.1	-3.3	-2236.6	-2.3	-0.2	6.2	-2.8
17365	ok	0.0	0.3	0.3	4.0	4.0	10.1	10.1	-3.2	-2249.9	-2.9	-0.2	4.9	-3.3
17366	ok	0.0	0.3	0.3	4.0	4.0	10.1	10.1	-3.2	-2190.3	4.0	-0.3	7.2	-2.2
17367	ok	0.0	0.3	0.3	4.0	4.0	10.1	10.1	-3.3	-2085.8	-1.2	-0.3	8.1	-1.3
17368	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-3.3	-1853.8	4.9	-0.3	8.4	9.88e-02
17369	ok	0.0	0.3	0.2	4.0	4.0	10.1	10.1	-3.4	-1985.1	-0.2	-0.3	8.3	-0.6
17370	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-3.0	-1562.1	6.9	-0.3	8.1	1.4
17371	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-3.3	-1717.8	5.4	-0.3	8.3	0.7
17372	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	-3.2	-1260.2	7.8	-0.3	6.9	2.5
17373	ok	0.0	0.2	0.1	4.0	4.0	10.1	10.1	-3.6	-936.5	2.7	-0.3	3.8	3.3
17374	ok	0.0	0.3	9.38e-02	4.0	4.0	10.1	10.1	-3.9	-771.9	8.6	-0.3	2.5	3.8
17375	ok	0.0	0.6	5.23e-02	4.0	4.0	10.1	10.1	-37.9	-407.9	-32.5	0.7	-9.17e-02	-22.4
17376	ok	0.0	1.0	2.96e-02	4.4	4.0	15.0	10.1	64.8	797.5	118.4	-2.6	-58.4	22.5
17377	ok	0.0	1.0	4.15e-02	7.8	5.6	29.1	11.7	107.7	1375.9	171.5	-13.0	-136.0	15.3
17378	ok	0.0	1.0	0.3	11.3	11.2	14.1	14.6	410.9	-2039.3	-627.1	-27.8	-0.3	-23.8
17379	ok	0.0	1.0	0.1	11.5	11.4	47.8	47.2	-875.0	3109.5	-610.8	-0.4	11.7	1.2
17380	ok	0.0	1.0	7.07e-02	9.0	10.1	15.1	16.2	-1.7	782.6	446.7	21.2	-7.5	-6.9
17381	ok	0.0	0.7	8.43e-02	4.0	4.0	10.1	10.1	-303.4	-9.3	492.6	20.1	1.9	-5.9
17382	ok	0.0	0.2	0.1	4.0	4.0	10.1	10.1	-295.6	-649.4	439.1	16.3	9.0	-15.4
17383	ok	0.0	1.0	4.48e-02	13.1	7.5	17.3	13.1	176.1	158.4	304.3	9.3	-51.0	-13.4
17384	ok	0.0	1.0	4.77e-02	6.8	8.7	12.8	14.7	-0.7	-51.0	212.4	15.8	-14.3	21.4
17385	ok	0.0	1.0	6.14e-02	8.6	14.6	14.5	19.1	-131.9	16.0	313.8	65.6	20.4	39.4
17386	ok	0.0	1.0	4.55e-02	17.9	15.4	18.9	17.7	924.2	1143.7	280.3	8.6	-12.0	-12.6
17387	ok	0.0	1.0	1.68e-02	15.9	15.2	26.1	26.1	315.1	1274.9	-357.1	9.5	7.4	-12.5
17388	ok	0.0	1.0	1.42e-02	8.0	9.5	15.2	17.6	77.5	1086.8	-243.5	8.2	9.1	-10.8
17389	ok	0.0	1.0	1.50e-02	6.1	7.5	12.4	14.4	45.3	923.7	-215.3	6.5	7.3	-9.3
17390	ok	0.0	1.0	2.19e-02	4.5	5.7	10.5	11.7	34.0	722.2	-189.7	5.3	6.8	-6.8
17391	ok	0.0	0.9	3.39e-02	4.0	4.0	10.1	10.1	-21.7	496.0	-134.1	-8.98e-02	0.3	4.9
17392	ok	0.0	0.7	4.51e-02	4.0	4.0	10.1	10.1	21.5	-303.6	-101.2	-0.4	-1.5	5.5
17393	ok	0.0	0.5	5.55e-02	4.0	4.0	10.1	10.1	-29.6	-435.7	-91.5	-1.0	-1.9	4.6
17394	ok	0.0	0.2	8.64e-02	4.0	4.0	10.1	10.1	-20.1	-682.6	-61.2	-1.8	-4.9	0.7
17395	ok	0.0	0.3	7.42e-02	4.0	4.0	10.1	10.1	-26.9	-601.8	-69.1	-1.5	-3.5	2.7
17396	ok	0.0	0.4	6.54e-02	4.0	4.0	10.1	10.1	-28.4	-523.5	-83.1	-1.2	-2.5	3.8
17397	ok	0.0	0.2	9.91e-02	4.0	4.0	10.1	10.1	-6.0	-799.8	-104.3	-2.4	-8.0	-1.4
17398	ok	0.0	1.0	3.57e-02	5.9	8.0	11.9	14.1	117.1	206.1	301.2	13.6	-29.4	34.8
17399	ok	0.0	1.0	4.31e-02	4.3	7.2	10.3	13.3	7.3	58.1	220.2	-0.9	-19.0	21.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
17400	ok	0.0	0.1	0.1	4.0	4.0	10.1	10.1	-5.9	-913.7	-103.4	-2.6	-9.1	-3.9
17401	ok	0.0	0.1	0.1	4.0	4.0	10.1	10.1	-0.9	-985.2	-90.8	-2.6	-9.7	-6.4
17402	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	0.4	-1290.8	-80.6	-1.6	-6.3	-14.8
17403	ok	0.0	0.2	0.1	4.0	4.0	10.1	10.1	-0.1	-1207.0	-88.6	-2.1	-8.1	-12.7
17404	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	1.3	-1365.3	-71.0	-1.0	-4.2	-16.3
17405	ok	0.0	0.2	0.1	4.0	4.0	10.1	10.1	-0.6	-1099.5	-94.9	-2.5	-9.4	-9.6
17406	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	4.0	-1330.8	77.3	2.7	8.1	-2.7
17407	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	4.0	-1404.1	66.2	2.6	7.7	-5.8
17408	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	4.2	-1480.2	44.6	2.4	7.0	-9.5
17409	ok	0.0	1.0	6.87e-02	4.0	4.6	10.1	10.6	7.4	-487.6	201.0	2.6	2.4	15.6
17410	ok	0.0	0.9	8.00e-02	4.0	4.0	10.1	10.1	5.4	-601.3	177.8	2.6	3.8	13.9
17411	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	2.9	-1478.6	-35.5	0.3	0.3	-17.3
17412	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	2.0	-1428.0	-59.1	-0.4	-2.0	-17.1
17413	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	3.6	-1522.9	-22.5	1.2	3.2	-16.0
17414	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	3.7	-1526.9	4.8	1.6	4.8	-14.3
17415	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	3.8	-1514.9	23.3	2.0	6.0	-12.2
17416	ok	0.0	0.2	0.2	4.0	4.0	10.1	10.1	4.1	-1238.1	102.9	2.8	8.2	0.4
17417	ok	0.0	0.3	0.1	4.0	4.0	10.1	10.1	3.6	-1143.2	118.7	2.9	8.1	3.2
17418	ok	0.0	0.4	0.1	4.0	4.0	10.1	10.1	4.0	-1036.7	136.1	2.9	7.9	6.0
17419	ok	0.0	0.6	0.1	4.0	4.0	10.1	10.1	4.0	-824.5	161.3	2.8	6.7	10.5
17420	ok	0.0	0.9	4.76e-02	4.0	4.0	10.1	10.1	116.0	64.6	59.8	14.3	3.8	-10.2
17421	ok	0.0	1.0	2.60e-02	4.0	6.7	10.1	12.8	106.7	155.6	-215.7	21.2	7.7	-10.3
17422	ok	0.0	1.0	3.36e-02	5.1	7.0	11.1	13.0	116.7	235.0	-292.0	18.1	7.8	-8.4
17423	ok	0.0	1.0	3.15e-02	4.5	5.7	10.6	11.8	58.0	228.3	-296.8	13.0	5.7	-7.2
17424	ok	0.0	1.0	3.37e-02	4.0	4.6	10.1	10.6	38.7	200.2	-285.9	9.3	4.9	-5.1
17425	ok	0.0	0.9	3.54e-02	4.0	4.0	10.1	10.1	33.8	150.4	-273.4	6.7	3.9	-3.4
17426	ok	0.0	0.8	3.67e-02	4.0	4.0	10.1	10.1	29.1	82.0	-255.8	5.4	3.1	-2.5
17427	ok	0.0	0.7	3.78e-02	4.0	4.0	10.1	10.1	9.7	-68.0	-266.1	-1.2	-0.8	5.9
17428	ok	0.0	0.5	4.47e-02	4.0	4.0	10.1	10.1	1.6	-244.0	-200.6	-5.8	-4.3	2.2
17429	ok	0.0	0.5	4.12e-02	4.0	4.0	10.1	10.1	7.1	-177.4	-223.1	-3.4	-2.5	4.4
17430	ok	0.0	0.6	3.93e-02	4.0	4.0	10.1	10.1	9.6	-124.0	-244.6	-2.1	-1.4	5.3
17431	ok	0.0	0.4	4.89e-02	4.0	4.0	10.1	10.1	3.6	-303.6	-184.4	-8.0	-6.1	-1.0
17432	ok	0.0	1.0	5.06e-02	7.4	10.7	13.4	15.8	65.0	-115.2	319.0	22.1	-12.1	41.3
17433	ok	0.0	1.0	5.05e-02	7.1	10.2	13.1	16.1	75.2	-42.7	339.6	21.1	-8.3	38.7
17434	ok	0.0	0.4	5.23e-02	4.0	4.0	10.1	10.1	0.5	-347.9	-180.6	-9.2	-7.1	-3.9
17435	ok	0.0	0.3	5.45e-02	4.0	4.0	10.1	10.1	-0.2	-375.1	-167.5	-9.5	-7.4	-6.0
17436	ok	0.0	0.2	6.37e-02	4.0	4.0	10.1	10.1	2.7	-486.2	-137.3	-5.9	-4.8	-14.8
17437	ok	0.0	0.2	6.15e-02	4.0	4.0	10.1	10.1	-1.2	-457.5	-152.2	-7.8	-6.2	-12.6
17438	ok	0.0	0.2	6.54e-02	4.0	4.0	10.1	10.1	6.7	-510.4	-119.3	-3.6	-3.2	-16.4
17439	ok	0.0	0.3	5.82e-02	4.0	4.0	10.1	10.1	-5.1	-419.0	-164.5	-9.2	-7.2	-9.5
17440	ok	0.0	0.5	6.10e-02	4.0	4.0	10.1	10.1	27.6	-448.9	151.5	9.6	5.4	-2.8
17441	ok	0.0	0.4	6.27e-02	4.0	4.0	10.1	10.1	22.7	-486.7	116.0	9.3	5.2	-5.5
17442	ok	0.0	0.3	6.48e-02	4.0	4.0	10.1	10.1	21.9	-521.1	78.7	8.4	4.7	-9.3
17443	ok	0.0	1.0	4.97e-02	4.7	7.6	10.7	13.7	36.2	-133.1	348.7	10.4	1.3	14.7
17444	ok	0.0	1.0	5.08e-02	4.0	6.5	10.1	12.6	27.7	-173.2	320.8	10.3	2.5	13.2
17445	ok	0.0	0.2	6.72e-02	4.0	4.0	10.1	10.1	13.9	-543.7	-64.6	1.2	5.83e-02	-17.3
17446	ok	0.0	0.2	6.65e-02	4.0	4.0	10.1	10.1	10.7	-529.7	-97.4	-1.2	-1.5	-17.2
17447	ok	0.0	0.2	6.73e-02	4.0	4.0	10.1	10.1	18.0	-552.3	-30.3	4.3	2.1	-16.0
17448	ok	0.0	0.2	6.68e-02	4.0	4.0	10.1	10.1	20.6	-549.2	2.7	5.9	3.2	-14.2
17449	ok	0.0	0.2	6.60e-02	4.0	4.0	10.1	10.1	21.3	-539.4	35.5	7.3	4.0	-12.1
17450	ok	0.0	0.6	5.93e-02	4.0	4.0	10.1	10.1	22.5	-414.4	188.6	10.0	5.4	0.5
17451	ok	0.0	0.7	5.77e-02	4.0	4.0	10.1	10.1	22.6	-375.3	217.1	10.1	5.3	3.2
17452	ok	0.0	0.8	5.63e-02	4.0	4.0	10.1	10.1	21.5	-331.6	246.3	10.1	5.1	5.8
17453	ok	0.0	1.0	5.34e-02	4.0	4.8	10.1	10.8	20.3	-249.7	289.5	10.2	4.3	10.0
17454	ok	0.0	0.3	0.1	4.0	4.0	10.1	10.1	-860.5	-605.5	361.1	46.6	16.3	-13.8
17455	ok	0.0	1.0	8.56e-02	4.0	5.7	10.1	11.6	-4.2	-638.2	-158.3	33.5	8.6	-6.6
17456	ok	0.0	1.0	7.85e-02	4.3	5.1	10.4	11.2	54.3	-556.4	-193.1	23.2	5.8	-5.5
17457	ok	0.0	1.0	6.91e-02	4.0	4.1	10.1	10.1	26.7	-351.7	-239.7	16.3	5.0	-4.3
17458	ok	0.0	0.9	5.79e-02	4.0	4.0	10.1	10.1	12.0	-290.4	-262.9	11.0	3.3	-4.2
17459	ok	0.0	0.8	5.02e-02	4.0	4.0	10.1	10.1	-16.7	-247.0	-249.9	-0.6	9.97e-02	3.5
17460	ok	0.0	0.7	4.31e-02	4.0	4.0	10.1	10.1	21.0	-160.7	-221.0	0.8	8.57e-02	3.7
17461	ok	0.0	0.7	3.85e-02	4.0	4.0	10.1	10.1	42.6	172.7	-159.7	-1.4	-0.6	4.9
17462	ok	0.0	0.7	2.59e-02	4.0	4.0	10.1	10.1	17.0	148.6	-211.1	-9.9	-2.8	3.9
17463	ok	0.0	0.7	2.90e-02	4.0	4.0	10.1	10.1	25.0	109.6	-232.6	-4.7	-1.6	5.6
17464	ok	0.0	0.7	3.34e-02	4.0	4.0	10.1	10.1	29.6	72.9	-252.9	-1.9	-0.9	5.9
17465	ok	0.0	0.7	2.24e-02	4.0	4.0	10.1	10.1	8.6	183.2	-201.5	-14.8	-4.1	0.6
17466	ok	0.0	1.0	4.20e-02	8.6	13.9	14.0	17.1	-10.9	-42.1	315.4	23.0	3.1	9.5
17467	ok	0.0	1.0	3.07e-02	7.6	11.3	13.6	15.9	66.0	105.3	320.1	22.3	-3.0	11.0
17468	ok	0.0	0.7	1.91e-02	4.0	4.0	10.1	10.1	4.9	208.7	-188.1	-17.4	-4.8	-2.8
17469	ok	0.0	0.7	1.70e-02	4.0	4.0	10.1	10.1	3.2	225.6	-174.8	-18.2	-5.1	-5.4
17470	ok	0.0	0.6	9.53e-03	4.0	4.0	10.1	10.1	20.5	311.0	-136.8	-10.7	-3.3	-15.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
17471	ok	0.0	0.6	1.24e-02	4.0	4.0	10.1	10.1	12.6	284.9	-154.4	-14.6	-4.3	-13.2
17472	ok	0.0	0.7	6.84e-03	4.0	4.0	10.1	10.1	28.3	336.6	-117.0	-6.3	-2.3	-17.4
17473	ok	0.0	0.6	1.53e-02	4.0	4.0	10.1	10.1	6.0	254.7	-163.0	-17.6	-5.0	-9.6
17474	ok	0.0	0.9	2.95e-03	4.0	4.0	10.1	10.1	59.5	414.3	163.4	16.7	2.9	-2.9
17475	ok	0.0	0.8	9.46e-04	4.0	4.0	10.1	10.1	59.8	423.7	129.3	16.0	2.8	-5.8
17476	ok	0.0	0.6	0.0	4.0	4.0	10.1	10.1	57.8	426.0	89.2	14.8	2.6	-9.4
17477	ok	0.0	1.0	2.68e-02	5.2	8.7	11.2	14.7	56.6	230.6	341.4	19.7	1.2	12.2
17478	ok	0.0	1.0	2.36e-02	4.3	8.0	10.3	14.1	52.3	259.5	320.0	18.8	1.8	11.3
17479	ok	0.0	0.7	1.42e-03	4.0	4.0	10.1	10.1	41.4	382.1	-59.2	2.5	-0.2	-18.1
17480	ok	0.0	0.7	4.12e-03	4.0	4.0	10.1	10.1	36.3	360.4	-93.6	-1.8	-1.2	-18.1
17481	ok	0.0	0.7	0.0	4.0	4.0	10.1	10.1	49.5	407.7	-24.3	8.1	1.1	-16.4
17482	ok	0.0	0.7	0.0	4.0	4.0	10.1	10.1	55.0	418.3	16.2	10.8	1.7	-14.5
17483	ok	0.0	0.6	0.0	4.0	4.0	10.1	10.1	57.0	424.7	50.3	13.0	2.2	-12.2
17484	ok	0.0	1.0	5.17e-03	4.0	4.1	10.1	10.1	54.8	399.0	182.4	17.1	3.0	4.37e-02
17485	ok	0.0	1.0	8.19e-03	4.0	4.7	10.1	10.7	57.9	382.3	221.7	17.2	2.9	2.6
17486	ok	0.0	1.0	1.21e-02	4.0	5.4	10.1	11.4	54.4	361.7	255.7	17.3	2.8	5.0
17487	ok	0.0	1.0	1.85e-02	4.0	6.6	10.1	12.7	52.5	315.2	297.2	17.7	2.5	8.7
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-1438.04	-2363.31	-627.09	-27.83	-205.39	-42.62
		0.0	1.00	0.35	37.27	33.81	57.57	57.62	1784.94	3820.32	770.92	66.18	58.44	41.32

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
12354	ok	0.0						
12358	ok	0.0						
12362	ok	0.0						
12366	ok	1.60						
12370	ok	1.06						
12374	ok	1.31						
12378	ok	0.70						
12382	ok	0.85						
12386	ok	0.41						
12390	ok	0.49						
12391	ok	0.58						
12398	ok	0.31						
12402	ok	0.34						
12406	ok	0.36						
12410	ok	0.43						
12414	ok	0.58						
12418	ok	0.51						
12422	ok	0.73						
12426	ok	0.72						
12427	ok	0.69						
12428	ok	0.63						
12438	ok	0.69						
12442	ok	0.58						
12446	ok	0.63						
12450	ok	0.55						
12454	ok	0.51						
12458	ok	0.49						
12462	ok	0.48						
12466	ok	0.84						
12470	ok	0.62						
12474	ok	1.22						
12478	ok	1.61						
12482	ok	1.85						
12486	ok	2.94						
12490	ok	3.62						
12494	ok Av	5.72	0.16	0.11	5.5	3.5	169.9	109.6
12498	ok Av	14.97	0.49	0.14	16.3	4.8	507.1	148.9
16907	ok Av	11.47	0.39	0.14	13.0	4.8	404.8	148.3
16908	ok Av	14.77	0.50	0.10	16.7	3.2	517.7	100.7
16909	ok Av	15.20	0.51	0.09	17.1	3.1	530.5	97.0
17307	ok Av	20.69	0.33	0.71	10.8	23.5	335.5	730.1
17308	ok Av	14.73	0.09	0.50	3.1	16.5	96.4	513.6
17309	ok Av	8.66	6.15e-03	0.30	0.2	9.8	6.3	305.7

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17310	ok Av	5.94	3.10e-03	0.20	0.1	6.7	3.2	209.8
17311	ok	4.25						
17312	ok Av	5.05	3.56e-03	0.17	0.1	5.7	3.7	178.2
17313	ok	3.25						
17314	ok	3.64						
17315	ok	2.60						
17316	ok	2.84						
17317	ok	3.01						
17318	ok	1.33						
17319	ok	2.13						
17320	ok	1.03						
17321	ok	1.25						
17322	ok	2.97						
17323	ok	2.11						
17324	ok	4.03						
17325	ok	4.05						
17326	ok	3.90						
17327	ok	3.53						
17328	ok	3.64						
17329	ok	3.21						
17330	ok	3.39						
17331	ok	3.02						
17332	ok	2.73						
17333	ok	2.47						
17334	ok	2.59						
17335	ok	3.78						
17336	ok	2.91						
17337	ok Av	5.05	3.85e-03	0.17	0.1	5.7	4.0	178.1
17338	ok Av	5.97	4.55e-03	0.20	0.2	6.8	4.7	210.8
17339	ok Av	6.92	3.80e-03	0.24	0.1	7.9	3.9	244.3
17340	ok Av	8.70	5.11e-03	0.30	0.2	9.9	5.3	307.1
17341	ok Av	11.67	0.03	0.40	0.9	13.2	29.4	410.9
17342	ok Av	13.04	0.05	0.45	1.7	14.8	51.4	459.7
17343	ok Av	14.14	0.06	0.48	1.8	16.0	57.2	496.0
17344	ok Av	10.12	0.02	0.35	0.7	11.5	20.4	356.8
17345	ok Av	8.02	0.01	0.27	0.4	9.1	13.8	282.9
17346	ok Av	5.38	7.51e-03	0.18	0.2	6.1	7.7	189.7
17347	ok Av	6.60	9.86e-03	0.23	0.3	7.5	10.2	232.7
17348	ok	3.62						
17349	ok	4.39						
17350	ok	2.13						
17351	ok	2.56						
17352	ok	3.03						
17353	ok	0.92						
17354	ok	1.57						
17355	ok	1.04						
17356	ok	1.14						
17357	ok	2.22						
17358	ok	1.66						
17359	ok	3.03						
17360	ok	3.01						
17361	ok	2.87						
17362	ok	2.60						
17363	ok	2.88						
17364	ok	2.78						
17365	ok	2.85						
17366	ok	2.72						
17367	ok	2.59						
17368	ok	2.65						
17369	ok	2.60						
17370	ok	4.48						
17371	ok	3.33						
17372	ok Av	6.35	9.98e-03	0.22	0.3	7.2	10.3	223.9
17373	ok Av	8.04	0.01	0.28	0.4	9.1	13.6	283.4
17374	ok Av	9.96	0.01	0.34	0.5	11.3	15.3	351.1
17375	ok Av	12.48	0.02	0.43	0.6	14.2	18.7	440.3
17376	ok Av	14.15	0.02	0.48	0.7	16.1	22.1	499.0
17377	ok Av	20.15	0.15	0.68	4.8	22.5	150.6	699.1
17378	ok Av	14.51	0.01	0.50	0.4	16.5	13.0	511.9
17379	ok Av	14.12	0.01	0.48	0.4	16.0	12.9	498.4
17380	ok	0.69						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17381	ok	0.91						
17382	ok	1.74						
17383	ok Av	6.22	0.17	0.13	5.6	4.3	173.8	134.1
17384	ok Av	5.66	0.18	0.08	5.8	2.7	181.8	83.3
17385	ok Av	5.56	0.18	0.07	5.9	2.4	182.1	73.3
17386	ok	2.13						
17387	ok	1.64						
17388	ok	0.94						
17389	ok	0.62						
17390	ok	0.48						
17391	ok	0.40						
17392	ok	0.35						
17393	ok	0.28						
17394	ok	0.19						
17395	ok	0.20						
17396	ok	0.24						
17397	ok	0.22						
17398	ok	4.38						
17399	ok	2.32						
17400	ok	0.25						
17401	ok	0.27						
17402	ok	0.34						
17403	ok	0.30						
17404	ok	0.36						
17405	ok	0.27						
17406	ok	0.32						
17407	ok	0.31						
17408	ok	0.29						
17409	ok	0.90						
17410	ok	0.76						
17411	ok	0.36						
17412	ok	0.37						
17413	ok	0.33						
17414	ok	0.30						
17415	ok	0.28						
17416	ok	0.36						
17417	ok	0.41						
17418	ok	0.51						
17419	ok	0.63						
17420	ok	2.35						
17421	ok	1.57						
17422	ok	1.07						
17423	ok	0.69						
17424	ok	0.48						
17425	ok	0.38						
17426	ok	0.26						
17427	ok	0.21						
17428	ok	0.25						
17429	ok	0.21						
17430	ok	0.19						
17431	ok	0.29						
17432	ok	3.96						
17433	ok	2.41						
17434	ok	0.31						
17435	ok	0.32						
17436	ok	0.33						
17437	ok	0.33						
17438	ok	0.34						
17439	ok	0.33						
17440	ok	0.30						
17441	ok	0.28						
17442	ok	0.27						
17443	ok	1.12						
17444	ok	0.90						
17445	ok	0.31						
17446	ok	0.33						
17447	ok	0.29						
17448	ok	0.27						
17449	ok	0.26						
17450	ok	0.35						
17451	ok	0.40						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17452	ok	0.49						
17453	ok	0.68						
17454	ok	3.39						
17455	ok	2.08						
17456	ok	1.29						
17457	ok	1.02						
17458	ok	0.81						
17459	ok	0.63						
17460	ok	0.47						
17461	ok	0.33						
17462	ok	0.19						
17463	ok	0.19						
17464	ok	0.22						
17465	ok	0.29						
17466	ok	3.68						
17467	ok	2.75						
17468	ok	0.36						
17469	ok	0.38						
17470	ok	0.25						
17471	ok	0.32						
17472	ok	0.20						
17473	ok	0.37						
17474	ok	0.34						
17475	ok	0.29						
17476	ok	0.27						
17477	ok	1.52						
17478	ok	1.30						
17479	ok	0.22						
17480	ok	0.19						
17481	ok	0.26						
17482	ok	0.26						
17483	ok	0.27						
17484	ok	0.40						
17485	ok	0.49						
17486	ok	0.64						
17487	ok	0.94						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		20.69	0.51	0.71	17.07	23.49	530.46	730.14

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
32	30.00	5	3	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									kN/ m	kN/ m	kN/ m	kN	kN	kN
255	ok	0.0	1.0	0.2	13.8	12.7	6.7	5.7	-1319.7	-475.4	329.4	-38.5	-2.2	-6.1
256	ok	0.0	1.0	4.37e-02	18.7	12.7	9.8	5.7	-161.0	91.3	-96.0	-45.3	-11.6	-2.3
257	ok	0.0	1.0	4.65e-02	15.0	12.7	5.9	5.7	17.2	-189.2	131.7	-54.5	-10.3	2.8
258	ok	0.0	1.0	5.99e-02	19.4	12.7	8.0	5.7	249.0	108.3	137.6	-70.4	-17.3	-2.7
259	ok	0.0	0.6	0.2	10.1	10.1	5.7	5.7	-1391.6	-206.9	-403.5	-82.8	-6.9	16.8
17497	ok	0.0	0.7	0.5	12.7	12.7	5.7	5.7	-2736.8	-219.3	-950.5	-57.3	-2.0	-17.0
17498	ok	0.0	0.8	0.6	10.1	10.1	5.7	5.7	-3250.7	-267.8	1249.8	-66.7	1.0	21.4
17514	ok	0.0	0.7	0.2	10.1	10.1	5.7	5.7	-1297.2	-2.6	-321.4	-17.7	4.0	-8.1
17519	ok	0.0	0.4	0.2	12.7	12.7	5.7	5.7	-1431.2	-273.6	108.6	-17.3	0.9	1.5
17523	ok	0.0	1.0	7.57e-02	21.1	26.6	10.9	14.2	1372.4	42.8	505.1	33.1	-3.1	5.8
17524	ok	0.0	0.4	3.94e-02	12.7	12.7	5.7	5.7	116.8	28.5	184.8	7.7	2.0	-1.5
17525	ok	0.0	1.0	6.31e-02	20.9	25.6	10.4	12.7	1360.2	41.3	-440.4	29.6	-1.5	-4.6
17526	ok	0.0	1.0	0.2	12.7	12.7	5.7	5.7	-510.0	-769.6	429.1	-42.0	-18.3	3.2
17527	ok	0.0	1.0	6.57e-02	12.8	12.7	5.8	5.7	169.5	-337.0	-7.3	-38.9	-10.4	1.0
17528	ok	0.0	1.0	0.1	12.9	12.7	5.8	5.7	174.8	-405.6	29.3	-33.4	-9.0	-1.6
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-3250.73	-769.62	-950.50	-82.77	-18.26	-16.98

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
		0.0	1.00	0.59	21.09	26.64	10.90	14.20	1372.43	108.28	1249.80	33.14	4.05	21.35

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
255	ok Av	19.07	0.63	0.17	20.9	5.7	432.3	117.9
256	ok Av	6.55	0.20	0.16	6.7	5.3	137.6	109.4
257	ok	5.46						
258	ok Av	9.49	0.32	0.09	10.7	3.1	222.2	65.1
259	ok Av	24.75	0.84	0.10	27.9	3.4	580.1	71.3
17497	ok Av	7.05	0.22	0.17	7.3	5.5	151.3	114.1
17498	ok Av	8.88	0.29	0.20	9.7	6.8	200.8	140.8
17514	ok Av	19.43	0.49	0.45	16.5	15.0	342.9	310.8
17519	ok Av	12.92	0.31	0.35	10.2	11.8	211.2	243.6
17523	ok Av	7.76	0.27	0.07	8.8	2.2	182.2	45.8
17524	ok Av	7.01	0.24	0.02	7.9	0.8	164.3	16.9
17525	ok Av	7.79	0.27	0.07	8.8	2.2	183.0	45.0
17526	ok Av	10.50	0.31	0.18	10.3	6.0	214.2	124.8
17527	ok Av	7.21	0.24	0.05	8.1	1.6	168.2	32.1
17528	ok Av	9.41	0.31	0.10	10.2	3.4	210.7	70.5
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		24.75	0.84	0.45	27.92	14.96	580.15	310.76

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
5177	0.01	0.06	0.02	320,315,333	0.0	0.0	0.0	0,0,0
5180	0.09	0.32	0.11	307,315,334	0.0	0.0	0.0	0,0,0
5183	0.05	0.41	0.07	316,316,333	0.0	0.0	0.0	0,0,0
5186	0.01	0.08	0.02	320,315,333	0.0	0.0	0.0	0,0,0
5189	0.05	0.31	0.06	316,316,333	0.0	0.0	0.0	0,0,0
5192	0.04	0.21	0.05	316,316,333	0.0	0.0	0.0	0,0,0
5195	0.02	0.11	0.02	316,316,333	0.0	0.0	0.0	0,0,0
5198	0.04	0.10	0.04	316,316,333	0.0	0.0	0.0	0,0,0
5245	0.02	0.04	0.03	316,321,334	0.0	0.0	0.0	0,0,0
5246	0.02	0.19	0.02	316,315,333	0.0	0.0	0.0	0,0,0
5247	0.02	0.18	0.02	316,315,333	0.0	0.0	0.0	0,0,0
5248	0.01	0.15	0.02	316,315,333	0.0	0.0	0.0	0,0,0
5249	0.02	0.11	0.02	320,315,333	0.0	0.0	0.0	0,0,0
5250	0.02	0.08	0.02	316,315,333	0.0	0.0	0.0	0,0,0
5251	0.01	0.05	0.01	319,315,333	0.0	0.0	0.0	0,0,0
5252	0.01	0.05	0.01	319,315,333	0.0	0.0	0.0	0,0,0
5253	0.01	0.06	0.02	320,315,333	0.0	0.0	0.0	0,0,0
5254	0.01	0.06	0.02	320,315,333	0.0	0.0	0.0	0,0,0
5255	0.02	0.05	0.02	320,315,333	0.0	0.0	0.0	0,0,0
5256	0.02	0.02	0.02	316,307,333	0.0	0.0	0.0	0,0,0
5257	0.02	0.10	0.02	320,302,334	0.0	0.0	0.0	0,0,0
5258	0.01	0.05	0.02	320,301,334	0.0	0.0	0.0	0,0,0
5259	0.02	0.06	0.02	320,316,334	0.0	0.0	0.0	0,0,0
5260	0.02	0.09	0.03	320,315,333	0.0	0.0	0.0	0,0,0
5268	0.06	0.14	0.07	316,316,333	0.0	0.0	0.0	0,0,0
5269	0.10	0.27	0.12	320,320,334	0.0	0.0	0.0	0,0,0
5270	0.07	0.18	0.08	320,322,334	0.0	0.0	0.0	0,0,0
5271	0.03	0.12	0.04	320,316,334	0.0	0.0	0.0	0,0,0
6335	0.02	0.02	0.03	316,301,333	0.0	0.0	0.0	0,0,0
6337	0.02	0.02	0.02	305,305,333	0.0	0.0	0.0	0,0,0
6338	0.18	0.25	0.22	320,320,333	0.0	0.0	0.0	0,0,0
6342	0.02	0.02	0.03	316,316,333	0.0	0.0	0.0	0,0,0
6343	0.02	0.02	0.03	316,301,333	0.0	0.0	0.0	0,0,0
6344	0.02	0.01	0.02	316,321,333	0.0	0.0	0.0	0,0,0
6345	0.02	0.01	0.02	316,316,333	0.0	0.0	0.0	0,0,0
6346	0.03	0.08	0.04	316,316,333	0.0	0.0	0.0	0,0,0
6356	0.18	0.36	0.22	320,316,333	0.0	0.0	0.0	0,0,0
6357	0.18	0.45	0.23	316,316,333	0.0	0.0	0.0	0,0,0
6658	0.28	0.78	0.34	316,316,333	0.37	0.34	0.34	316,323,333
6668	0.03	0.07	0.04	305,321,333	0.0	0.0	0.0	0,0,0
8899	0.06	0.17	0.07	316,316,333	0.0	0.0	0.0	0,0,0
8900	0.02	0.01	0.02	316,316,333	0.0	0.0	0.0	0,0,0
8901	0.04	0.06	0.04	321,305,333	0.0	0.0	0.0	0,0,0
8902	0.03	0.05	0.04	321,316,333	0.0	0.0	0.0	0,0,0
8906	0.08	0.12	0.10	316,308,334	0.0	0.0	0.0	0,0,0
8907	0.02	0.01	0.02	316,321,333	0.0	0.0	0.0	0,0,0
8908	0.01	0.08	0.02	316,315,333	0.0	0.0	0.0	0,0,0
8909	0.01	0.09	0.02	316,315,333	0.0	0.0	0.0	0,0,0
8910	0.01	0.09	0.02	316,315,333	0.0	0.0	0.0	0,0,0
8920	0.03	0.04	0.04	305,316,333	0.0	0.0	0.0	0,0,0
8921	0.03	0.04	0.04	305,316,333	0.0	0.0	0.0	0,0,0
10284	0.03	0.04	0.04	305,316,333	0.0	0.0	0.0	0,0,0
10289	0.03	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
10298	0.03	0.07	0.03	316,316,333	0.0	0.0	0.0	0,0,0
10299	0.03	0.05	0.03	316,301,333	0.0	0.0	0.0	0,0,0
10300	0.02	0.07	0.03	316,301,333	0.0	0.0	0.0	0,0,0
10306	0.02	0.07	0.03	316,301,333	0.0	0.0	0.0	0,0,0
10307	0.02	0.05	0.03	316,315,333	0.0	0.0	0.0	0,0,0
10384	0.03	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
10392	0.03	0.02	0.04	305,315,333	0.0	0.0	0.0	0,0,0
10525	0.03	0.03	0.04	305,305,333	0.0	0.0	0.0	0,0,0
10813	0.04	0.03	0.05	305,305,333	0.0	0.0	0.0	0,0,0
10814	0.05	0.04	0.06	305,305,333	0.0	0.0	0.0	0,0,0
10818	0.02	0.04	0.03	316,315,333	0.0	0.0	0.0	0,0,0
10819	0.03	0.06	0.04	316,315,333	0.0	0.0	0.0	0,0,0
10820	0.03	0.04	0.03	316,301,333	0.0	0.0	0.0	0,0,0
10821	0.02	0.04	0.03	316,301,333	0.0	0.0	0.0	0,0,0
10822	0.02	0.03	0.03	316,301,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
10832	0.05	0.04	0.06	305,305,333	0.0	0.0	0.0	0,0,0
10833	0.03	0.31	0.03	321,321,333	0.0	0.0	0.0	0,0,0
10837	0.01	0.15	0.02	315,321,333	0.0	0.0	0.0	0,0,0
12857	7.62e-03	0.04	9.70e-03	316,315,334	0.0	0.0	0.0	0,0,0
12873	8.27e-03	0.02	0.01	320,308,333	0.0	0.0	0.0	0,0,0
13436	0.01	0.02	0.01	320,308,333	0.0	0.0	0.0	0,0,0
13439	0.01	0.02	0.02	320,316,333	0.0	0.0	0.0	0,0,0
13473	0.01	8.38e-03	0.01	305,305,333	0.0	0.0	0.0	0,0,0
13477	9.66e-03	0.01	0.01	305,314,333	0.0	0.0	0.0	0,0,0
13731	9.94e-03	0.02	0.01	305,308,333	0.0	0.0	0.0	0,0,0
14226	0.01	0.05	0.01	305,308,333	0.0	0.0	0.0	0,0,0
14270	0.03	0.24	0.04	321,321,333	0.0	0.0	0.0	0,0,0
14275	0.17	0.19	0.17	305,322,333	0.0	0.0	0.0	0,0,0
14370	0.07	0.05	0.07	305,305,333	0.0	0.0	0.0	0,0,0
14378	0.04	0.04	0.05	305,305,333	0.0	0.0	0.0	0,0,0
14511	0.03	0.03	0.04	305,305,333	0.0	0.0	0.0	0,0,0
14799	0.03	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
14800	0.02	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
14818	0.02	0.06	0.02	305,307,333	0.0	0.0	0.0	0,0,0
14819	0.02	0.06	0.02	305,315,333	0.0	0.0	0.0	0,0,0
14823	0.01	0.03	0.02	305,308,333	0.0	0.0	0.0	0,0,0
15297	0.18	0.38	0.21	321,306,333	0.0	0.0	0.0	0,0,0
15298	0.05	0.11	0.06	321,322,333	0.0	0.0	0.0	0,0,0
15299	0.03	0.06	0.03	321,321,333	0.0	0.0	0.0	0,0,0
15300	0.03	0.05	0.03	321,321,333	0.0	0.0	0.0	0,0,0
15301	0.03	0.04	0.03	305,321,333	0.0	0.0	0.0	0,0,0
15302	0.03	0.04	0.03	301,306,333	0.0	0.0	0.0	0,0,0
15303	0.02	0.04	0.03	301,315,333	0.0	0.0	0.0	0,0,0
15304	0.02	0.05	0.03	302,315,333	0.0	0.0	0.0	0,0,0
15305	0.06	0.12	0.07	321,321,333	0.0	0.0	0.0	0,0,0
15306	0.05	0.09	0.06	315,316,333	0.0	0.0	0.0	0,0,0
15307	0.03	0.06	0.04	321,321,333	0.0	0.0	0.0	0,0,0
15308	0.03	0.05	0.03	321,321,333	0.0	0.0	0.0	0,0,0
15309	0.03	0.03	0.03	321,321,333	0.0	0.0	0.0	0,0,0
15310	0.03	0.02	0.03	301,301,333	0.0	0.0	0.0	0,0,0
15311	0.02	0.02	0.03	302,301,333	0.0	0.0	0.0	0,0,0
15312	0.03	0.02	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15313	8.55e-03	0.04	0.01	322,314,333	0.0	0.0	0.0	0,0,0
15314	8.22e-03	0.04	0.01	306,314,333	0.0	0.0	0.0	0,0,0
15315	9.41e-03	0.04	0.01	306,314,333	0.0	0.0	0.0	0,0,0
15316	0.01	0.04	0.01	308,314,334	0.0	0.0	0.0	0,0,0
15317	0.01	0.04	0.02	302,314,333	0.0	0.0	0.0	0,0,0
15318	0.01	0.04	0.02	302,314,333	0.0	0.0	0.0	0,0,0
15319	0.02	0.04	0.02	306,314,333	0.0	0.0	0.0	0,0,0
15320	0.01	0.05	0.02	322,314,333	0.0	0.0	0.0	0,0,0
15321	0.01	0.04	0.02	322,314,333	0.0	0.0	0.0	0,0,0
15322	0.01	0.03	0.01	322,314,333	0.0	0.0	0.0	0,0,0
15323	0.01	0.03	0.02	316,314,333	0.0	0.0	0.0	0,0,0
15324	0.01	0.03	0.02	316,314,333	0.0	0.0	0.0	0,0,0
15325	0.02	0.03	0.02	302,314,333	0.0	0.0	0.0	0,0,0
15326	0.02	0.02	0.03	302,314,333	0.0	0.0	0.0	0,0,0
15327	0.02	0.05	0.02	316,314,334	0.0	0.0	0.0	0,0,0
15328	0.02	0.04	0.02	316,314,333	0.0	0.0	0.0	0,0,0
15329	0.01	0.02	0.02	316,314,333	0.0	0.0	0.0	0,0,0
15330	0.02	0.02	0.02	316,314,333	0.0	0.0	0.0	0,0,0
15331	0.02	0.01	0.02	316,314,333	0.0	0.0	0.0	0,0,0
15332	0.02	0.02	0.03	316,316,333	0.0	0.0	0.0	0,0,0
15333	0.02	0.02	0.03	316,316,333	0.0	0.0	0.0	0,0,0
15334	0.04	0.03	0.05	316,316,333	0.0	0.0	0.0	0,0,0
15335	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15336	0.03	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
15337	0.03	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
15338	0.03	0.02	0.03	321,315,333	0.0	0.0	0.0	0,0,0
15339	0.03	0.04	0.04	321,321,333	0.0	0.0	0.0	0,0,0
15340	0.04	0.07	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15341	0.04	0.12	0.05	315,321,333	0.0	0.0	0.0	0,0,0
15342	0.05	0.03	0.06	316,316,333	0.0	0.0	0.0	0,0,0
15343	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15344	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15345	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15346	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15347	0.03	0.02	0.04	315,316,333	0.0	0.0	0.0	0,0,0
15348	0.03	0.02	0.03	316,316,333	0.0	0.0	0.0	0,0,0
15349	0.03	0.10	0.03	321,321,333	0.0	0.0	0.0	0,0,0
15350	0.07	0.05	0.08	315,316,333	0.0	0.0	0.0	0,0,0
15351	0.15	0.31	0.18	316,316,334	0.0	0.0	0.0	0,0,0
15352	0.13	0.25	0.15	316,316,334	0.0	0.0	0.0	0,0,0
15353	0.06	0.12	0.07	316,315,334	0.0	0.0	0.0	0,0,0
15354	0.05	0.07	0.07	316,315,334	0.0	0.0	0.0	0,0,0
15355	0.07	0.19	0.08	316,315,334	0.0	0.0	0.0	0,0,0
15356	0.08	0.35	0.10	316,315,334	0.0	0.0	0.0	0,0,0
15357	0.10	0.38	0.13	316,316,334	0.0	0.0	0.0	0,0,0
15358	0.06	0.04	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15359	0.07	0.06	0.08	316,315,334	0.0	0.0	0.0	0,0,0
15360	0.07	0.10	0.08	316,315,334	0.0	0.0	0.0	0,0,0
15361	0.06	0.09	0.07	316,315,334	0.0	0.0	0.0	0,0,0
15362	0.06	0.08	0.07	316,315,334	0.0	0.0	0.0	0,0,0
15363	0.07	0.16	0.09	316,315,334	0.0	0.0	0.0	0,0,0
15364	0.09	0.26	0.11	316,315,334	0.0	0.0	0.0	0,0,0
15365	0.09	0.31	0.11	316,315,334	0.0	0.0	0.0	0,0,0
15366	0.04	0.03	0.05	316,316,334	0.0	0.0	0.0	0,0,0
15367	0.05	0.04	0.06	316,316,334	0.0	0.0	0.0	0,0,0
15368	0.05	0.04	0.06	316,315,334	0.0	0.0	0.0	0,0,0
15369	0.05	0.07	0.06	316,315,334	0.0	0.0	0.0	0,0,0
15370	0.05	0.07	0.06	316,315,334	0.0	0.0	0.0	0,0,0
15371	0.06	0.08	0.08	316,315,334	0.0	0.0	0.0	0,0,0
15372	0.07	0.10	0.09	316,315,334	0.0	0.0	0.0	0,0,0
15373	0.07	0.06	0.09	316,305,334	0.0	0.0	0.0	0,0,0
15374	0.05	0.03	0.06	316,316,333	0.0	0.0	0.0	0,0,0
15375	0.04	0.05	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15376	0.04	0.04	0.05	316,316,334	0.0	0.0	0.0	0,0,0
15377	0.04	0.03	0.05	316,316,334	0.0	0.0	0.0	0,0,0
15378	0.04	0.05	0.05	316,307,334	0.0	0.0	0.0	0,0,0
15379	0.05	0.07	0.06	316,313,334	0.0	0.0	0.0	0,0,0
15380	0.06	0.08	0.07	316,305,333	0.0	0.0	0.0	0,0,0
15381	0.08	0.11	0.10	315,305,333	0.0	0.0	0.0	0,0,0
15382	0.05	0.04	0.06	316,306,333	0.0	0.0	0.0	0,0,0
15383	0.04	0.05	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15384	0.03	0.05	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15385	0.03	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15386	0.03	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15387	0.03	0.03	0.04	316,305,333	0.0	0.0	0.0	0,0,0
15388	0.04	0.05	0.05	316,305,333	0.0	0.0	0.0	0,0,0
15389	0.06	0.08	0.08	315,321,333	0.0	0.0	0.0	0,0,0
15390	0.02	0.04	0.03	316,314,334	0.0	0.0	0.0	0,0,0
15391	0.02	0.02	0.02	316,314,333	0.0	0.0	0.0	0,0,0
15392	0.02	0.01	0.02	316,316,333	0.0	0.0	0.0	0,0,0
15393	0.02	0.02	0.02	316,316,333	0.0	0.0	0.0	0,0,0
15394	0.02	0.02	0.03	316,316,333	0.0	0.0	0.0	0,0,0
15395	0.02	0.02	0.03	316,316,333	0.0	0.0	0.0	0,0,0
15396	0.03	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
15397	0.06	0.16	0.07	316,308,334	0.0	0.0	0.0	0,0,0
15398	0.10	0.26	0.12	316,316,334	0.0	0.0	0.0	0,0,0
15399	0.07	0.16	0.08	316,316,334	0.0	0.0	0.0	0,0,0
15400	0.04	0.05	0.05	316,315,334	0.0	0.0	0.0	0,0,0
15401	0.03	0.07	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15402	0.05	0.25	0.06	316,316,334	0.0	0.0	0.0	0,0,0
15403	0.05	0.62	0.06	316,316,334	0.0	0.0	0.0	0,0,0
15404	0.05	0.05	0.06	316,302,334	0.0	0.0	0.0	0,0,0
15405	0.05	0.05	0.06	316,315,334	0.0	0.0	0.0	0,0,0
15406	0.04	0.05	0.05	316,315,334	0.0	0.0	0.0	0,0,0
15407	0.04	0.04	0.04	316,315,334	0.0	0.0	0.0	0,0,0
15408	0.04	0.07	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15409	0.04	0.13	0.05	316,302,334	0.0	0.0	0.0	0,0,0
15410	0.05	0.16	0.06	316,316,334	0.0	0.0	0.0	0,0,0
15411	0.03	0.02	0.03	316,314,334	0.0	0.0	0.0	0,0,0
15412	0.02	0.02	0.03	316,302,333	0.0	0.0	0.0	0,0,0
15413	0.02	0.02	0.03	316,302,333	0.0	0.0	0.0	0,0,0
15414	0.02	0.02	0.03	316,302,333	0.0	0.0	0.0	0,0,0
15415	0.02	0.02	0.03	322,302,333	0.0	0.0	0.0	0,0,0
15416	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0
15417	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15418	0.04	0.03	0.05	316,302,334	0.0	0.0	0.0	0,0,0
15419	0.04	0.05	0.05	316,302,334	0.0	0.0	0.0	0,0,0
15420	0.03	0.04	0.04	316,302,334	0.0	0.0	0.0	0,0,0
15421	0.03	0.03	0.04	316,315,334	0.0	0.0	0.0	0,0,0
15422	0.03	0.02	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15423	0.03	0.02	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15424	0.03	0.02	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15425	0.02	0.02	0.03	316,316,334	0.0	0.0	0.0	0,0,0
15426	0.02	0.02	0.03	316,316,334	0.0	0.0	0.0	0,0,0
15427	0.02	0.02	0.03	316,316,334	0.0	0.0	0.0	0,0,0
15428	0.03	0.02	0.03	316,316,334	0.0	0.0	0.0	0,0,0
15429	0.03	0.02	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15430	0.03	0.03	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15431	0.03	0.03	0.04	316,316,334	0.0	0.0	0.0	0,0,0
15432	0.09	0.45	0.11	319,320,333	0.0	0.0	0.0	0,0,0
15433	0.05	0.12	0.06	320,319,334	0.0	0.0	0.0	0,0,0
15434	0.03	0.06	0.03	319,319,334	0.0	0.0	0.0	0,0,0
15435	0.02	0.03	0.02	320,320,334	0.0	0.0	0.0	0,0,0
15436	0.02	0.07	0.02	320,302,334	0.0	0.0	0.0	0,0,0
15437	0.05	0.27	0.05	316,316,334	0.0	0.0	0.0	0,0,0
15438	0.05	0.43	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15439	0.05	0.39	0.06	316,316,334	0.0	0.0	0.0	0,0,0
15440	0.02	0.30	0.03	319,320,334	0.0	0.0	0.0	0,0,0
15441	0.02	0.14	0.03	320,320,334	0.0	0.0	0.0	0,0,0
15442	0.02	0.01	0.02	320,319,334	0.0	0.0	0.0	0,0,0
15443	0.02	0.02	0.02	320,302,334	0.0	0.0	0.0	0,0,0
15444	0.02	0.07	0.02	316,302,334	0.0	0.0	0.0	0,0,0
15445	0.02	0.15	0.03	316,316,334	0.0	0.0	0.0	0,0,0
15446	0.04	0.19	0.05	316,316,334	0.0	0.0	0.0	0,0,0
15447	0.04	0.04	0.05	316,301,334	0.0	0.0	0.0	0,0,0
15448	8.28e-03	0.04	0.01	322,316,334	0.0	0.0	0.0	0,0,0
15449	8.44e-03	0.06	0.01	302,322,333	0.0	0.0	0.0	0,0,0
15450	7.26e-03	0.05	9.09e-03	316,322,334	0.0	0.0	0.0	0,0,0
15451	7.00e-03	0.04	8.75e-03	316,322,334	0.0	0.0	0.0	0,0,0
15452	6.79e-03	0.04	8.56e-03	322,322,334	0.0	0.0	0.0	0,0,0
15453	7.37e-03	0.05	9.10e-03	322,322,334	0.0	0.0	0.0	0,0,0
15454	8.21e-03	0.04	0.01	306,322,333	0.0	0.0	0.0	0,0,0
15455	8.11e-03	0.04	0.01	306,314,333	0.0	0.0	0.0	0,0,0
15456	9.95e-03	0.05	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15457	8.13e-03	0.07	9.98e-03	320,322,334	0.0	0.0	0.0	0,0,0
15458	7.92e-03	0.06	9.87e-03	316,322,334	0.0	0.0	0.0	0,0,0
15459	7.87e-03	0.05	9.80e-03	320,322,334	0.0	0.0	0.0	0,0,0
15460	7.82e-03	0.05	9.81e-03	320,322,334	0.0	0.0	0.0	0,0,0
15461	8.57e-03	0.05	0.01	316,322,334	0.0	0.0	0.0	0,0,0
15462	0.01	0.05	0.01	316,322,333	0.0	0.0	0.0	0,0,0
15463	0.01	0.05	0.01	316,308,333	0.0	0.0	0.0	0,0,0
15464	0.01	0.04	0.02	316,308,333	0.0	0.0	0.0	0,0,0
15465	0.01	0.04	0.02	316,308,333	0.0	0.0	0.0	0,0,0
15466	0.01	0.04	0.01	316,322,334	0.0	0.0	0.0	0,0,0
15467	9.10e-03	0.05	0.01	316,322,334	0.0	0.0	0.0	0,0,0
15468	8.63e-03	0.05	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15469	8.59e-03	0.06	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15470	9.37e-03	0.07	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15471	0.01	0.06	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15472	0.02	0.03	0.02	316,314,333	0.0	0.0	0.0	0,0,0
15473	0.02	0.03	0.02	316,308,334	0.0	0.0	0.0	0,0,0
15474	0.01	0.04	0.02	316,308,334	0.0	0.0	0.0	0,0,0
15475	0.01	0.04	0.01	316,314,334	0.0	0.0	0.0	0,0,0
15476	9.29e-03	0.05	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15477	9.46e-03	0.06	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15478	9.77e-03	0.08	0.01	320,320,334	0.0	0.0	0.0	0,0,0
15479	0.01	0.07	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15480	0.02	0.03	0.02	316,308,334	0.0	0.0	0.0	0,0,0
15481	0.02	0.03	0.02	316,314,334	0.0	0.0	0.0	0,0,0
15482	0.01	0.03	0.02	316,314,334	0.0	0.0	0.0	0,0,0
15483	0.01	0.03	0.01	316,308,334	0.0	0.0	0.0	0,0,0
15484	9.83e-03	0.04	0.01	320,314,334	0.0	0.0	0.0	0,0,0
15485	9.85e-03	0.06	0.01	320,322,334	0.0	0.0	0.0	0,0,0
15486	0.01	0.10	0.01	315,320,333	0.0	0.0	0.0	0,0,0
15487	0.01	0.10	0.01	315,320,333	0.0	0.0	0.0	0,0,0
15488	0.02	0.02	0.03	316,306,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15489	0.02	0.04	0.02	316,307,334	0.0	0.0	0.0	0,0,0
15490	0.02	0.04	0.02	316,301,334	0.0	0.0	0.0	0,0,0
15491	0.01	0.04	0.02	316,301,334	0.0	0.0	0.0	0,0,0
15492	0.01	0.03	0.01	320,301,334	0.0	0.0	0.0	0,0,0
15493	0.01	0.04	0.01	320,320,334	0.0	0.0	0.0	0,0,0
15494	0.01	0.11	0.01	320,320,334	0.0	0.0	0.0	0,0,0
15495	0.02	0.14	0.02	319,320,334	0.0	0.0	0.0	0,0,0
15496	0.03	0.02	0.03	316,316,334	0.0	0.0	0.0	0,0,0
15497	0.03	0.07	0.03	316,301,334	0.0	0.0	0.0	0,0,0
15498	0.02	0.06	0.02	316,301,334	0.0	0.0	0.0	0,0,0
15499	0.02	0.04	0.02	316,302,334	0.0	0.0	0.0	0,0,0
15500	0.01	0.01	0.02	320,301,334	0.0	0.0	0.0	0,0,0
15501	0.01	8.35e-03	0.01	320,320,334	0.0	0.0	0.0	0,0,0
15502	0.01	0.12	0.02	320,320,334	0.0	0.0	0.0	0,0,0
15503	0.03	0.23	0.03	319,320,334	0.0	0.0	0.0	0,0,0
15504	0.06	0.15	0.07	315,302,333	0.0	0.0	0.0	0,0,0
15505	0.05	0.11	0.06	315,302,334	0.0	0.0	0.0	0,0,0
15506	0.04	0.10	0.05	315,302,334	0.0	0.0	0.0	0,0,0
15507	0.04	0.09	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15508	0.06	0.14	0.07	315,315,333	0.0	0.0	0.0	0,0,0
15509	0.08	0.20	0.10	315,315,333	0.0	0.0	0.0	0,0,0
15510	0.10	0.09	0.11	315,315,333	0.0	0.0	0.0	0,0,0
15511	0.54	0.50	0.62	321,322,334	0.20	0.19	0.18	322,326,333
15512	0.18	0.15	0.23	315,315,334	0.0	0.0	0.0	0,0,0
15513	0.11	0.09	0.14	315,315,334	0.0	0.0	0.0	0,0,0
15514	0.08	0.07	0.10	315,307,334	0.0	0.0	0.0	0,0,0
15515	0.07	0.11	0.08	315,315,334	0.0	0.0	0.0	0,0,0
15516	0.07	0.14	0.08	315,315,334	0.0	0.0	0.0	0,0,0
15517	0.07	0.18	0.09	315,315,334	0.0	0.0	0.0	0,0,0
15518	0.10	0.12	0.12	315,315,333	0.0	0.0	0.0	0,0,0
15519	0.14	0.11	0.18	321,322,334	0.0	0.0	0.0	0,0,0
15520	0.14	0.11	0.17	315,315,334	0.0	0.0	0.0	0,0,0
15521	0.10	0.08	0.13	315,315,334	0.0	0.0	0.0	0,0,0
15522	0.08	0.06	0.10	315,315,334	0.0	0.0	0.0	0,0,0
15523	0.06	0.05	0.08	315,315,334	0.0	0.0	0.0	0,0,0
15524	0.06	0.05	0.08	315,315,334	0.0	0.0	0.0	0,0,0
15525	0.08	0.05	0.10	315,315,333	0.0	0.0	0.0	0,0,0
15526	0.10	0.07	0.12	315,315,333	0.0	0.0	0.0	0,0,0
15527	0.10	0.06	0.12	315,315,333	0.0	0.0	0.0	0,0,0
15528	0.08	0.05	0.10	315,315,333	0.0	0.0	0.0	0,0,0
15529	0.05	0.04	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15530	0.06	0.05	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15531	0.08	0.06	0.09	315,315,334	0.0	0.0	0.0	0,0,0
15532	0.07	0.06	0.09	315,315,334	0.0	0.0	0.0	0,0,0
15533	0.08	0.06	0.10	315,315,334	0.0	0.0	0.0	0,0,0
15534	0.07	0.12	0.09	315,321,334	0.0	0.0	0.0	0,0,0
15535	0.10	0.06	0.12	315,315,333	0.0	0.0	0.0	0,0,0
15536	0.08	0.05	0.10	315,315,333	0.0	0.0	0.0	0,0,0
15537	0.05	0.04	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15538	0.05	0.04	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15539	0.07	0.05	0.09	315,315,334	0.0	0.0	0.0	0,0,0
15540	0.05	0.04	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15541	0.05	0.04	0.06	315,315,334	0.0	0.0	0.0	0,0,0
15542	0.05	0.14	0.06	322,316,334	0.0	0.0	0.0	0,0,0
15543	0.11	0.06	0.13	315,315,334	0.0	0.0	0.0	0,0,0
15544	0.08	0.05	0.10	315,315,333	0.0	0.0	0.0	0,0,0
15545	0.05	0.04	0.07	315,315,333	0.0	0.0	0.0	0,0,0
15546	0.05	0.04	0.06	315,315,334	0.0	0.0	0.0	0,0,0
15547	0.06	0.04	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15548	0.04	0.03	0.05	315,315,334	0.0	0.0	0.0	0,0,0
15549	0.03	0.02	0.03	320,319,334	0.0	0.0	0.0	0,0,0
15550	0.05	0.17	0.06	322,315,334	0.0	0.0	0.0	0,0,0
15551	0.13	0.08	0.15	315,307,334	0.0	0.0	0.0	0,0,0
15552	0.09	0.06	0.11	315,307,334	0.0	0.0	0.0	0,0,0
15553	0.05	0.04	0.06	315,315,333	0.0	0.0	0.0	0,0,0
15554	0.04	0.03	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15555	0.05	0.04	0.06	315,315,333	0.0	0.0	0.0	0,0,0
15556	0.03	0.03	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15557	0.03	0.06	0.04	315,321,333	0.0	0.0	0.0	0,0,0
15558	0.04	0.18	0.05	322,315,333	0.0	0.0	0.0	0,0,0
15559	0.18	0.16	0.22	315,307,334	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15560	0.10	0.09	0.12	315,307,334	0.0	0.0	0.0	0,0,0
15561	0.04	0.03	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15562	0.04	0.03	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15563	0.04	0.03	0.06	315,315,333	0.0	0.0	0.0	0,0,0
15564	0.04	0.04	0.05	321,315,333	0.0	0.0	0.0	0,0,0
15565	0.05	0.08	0.06	321,321,333	0.0	0.0	0.0	0,0,0
15566	0.05	0.18	0.06	321,315,333	0.0	0.0	0.0	0,0,0
15567	0.30	0.57	0.31	321,322,333	0.0	0.0	0.0	0,0,0
15568	0.07	0.18	0.08	321,306,333	0.0	0.0	0.0	0,0,0
15569	0.04	0.05	0.04	305,302,333	0.0	0.0	0.0	0,0,0
15570	0.03	0.04	0.03	305,302,333	0.0	0.0	0.0	0,0,0
15571	0.03	0.05	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15572	0.04	0.10	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15573	0.07	0.18	0.09	315,315,334	0.0	0.0	0.0	0,0,0
15574	0.28	0.21	0.34	315,322,334	0.0	0.0	0.0	0,0,0
15575	0.09	0.08	0.11	321,321,333	0.0	0.0	0.0	0,0,0
15576	0.07	0.10	0.09	321,321,333	0.0	0.0	0.0	0,0,0
15577	0.04	0.05	0.05	305,315,333	0.0	0.0	0.0	0,0,0
15578	0.03	0.03	0.04	315,301,333	0.0	0.0	0.0	0,0,0
15579	0.04	0.03	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15580	0.03	0.07	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15581	0.10	0.10	0.12	315,307,334	0.0	0.0	0.0	0,0,0
15582	0.24	0.22	0.29	315,307,334	0.0	0.0	0.0	0,0,0
15583	0.43	0.46	0.52	315,315,334	0.14	0.14	0.14	315,330,334
15584	0.10	0.21	0.12	315,301,333	0.0	0.0	0.0	0,0,0
15585	0.05	0.12	0.06	315,301,333	0.0	0.0	0.0	0,0,0
15586	0.03	0.07	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15587	0.02	0.07	0.03	308,302,334	0.0	0.0	0.0	0,0,0
15588	0.04	0.11	0.04	302,302,333	0.0	0.0	0.0	0,0,0
15589	0.19	0.25	0.24	307,307,334	0.0	0.0	0.0	0,0,0
15590	0.34	0.47	0.40	315,315,333	0.17	0.16	0.15	307,330,334
15591	0.14	0.21	0.16	315,307,334	0.0	0.0	0.0	0,0,0
15592	0.03	0.07	0.03	315,301,334	0.0	0.0	0.0	0,0,0
15593	0.02	0.03	0.03	301,301,333	0.0	0.0	0.0	0,0,0
15594	0.03	0.06	0.04	315,308,333	0.0	0.0	0.0	0,0,0
15595	0.05	0.12	0.06	315,302,334	0.0	0.0	0.0	0,0,0
15596	0.18	0.24	0.22	307,302,334	0.0	0.0	0.0	0,0,0
15597	0.15	0.17	0.18	308,302,334	0.0	0.0	0.0	0,0,0
15598	0.06	0.11	0.08	315,302,333	0.0	0.0	0.0	0,0,0
15599	0.04	0.06	0.05	315,308,333	0.0	0.0	0.0	0,0,0
15600	0.03	0.02	0.03	315,315,334	0.0	0.0	0.0	0,0,0
15601	0.03	0.05	0.04	315,305,334	0.0	0.0	0.0	0,0,0
15602	0.13	0.20	0.16	315,307,334	0.0	0.0	0.0	0,0,0
15603	0.25	0.35	0.29	315,307,333	0.0	0.0	0.0	0,0,0
15604	0.11	0.07	0.13	308,308,334	0.0	0.0	0.0	0,0,0
15605	0.06	0.07	0.08	315,308,333	0.0	0.0	0.0	0,0,0
15606	0.05	0.06	0.06	315,308,333	0.0	0.0	0.0	0,0,0
15607	0.03	0.02	0.04	316,315,334	0.0	0.0	0.0	0,0,0
15608	0.03	0.05	0.04	315,307,333	0.0	0.0	0.0	0,0,0
15609	0.12	0.15	0.15	315,307,333	0.0	0.0	0.0	0,0,0
15610	0.17	0.20	0.20	315,307,333	0.0	0.0	0.0	0,0,0
15611	0.09	0.05	0.11	308,315,334	0.0	0.0	0.0	0,0,0
15612	0.06	0.04	0.08	315,307,333	0.0	0.0	0.0	0,0,0
15613	0.05	0.04	0.06	315,307,333	0.0	0.0	0.0	0,0,0
15614	0.03	0.02	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15615	0.04	0.05	0.05	315,307,333	0.0	0.0	0.0	0,0,0
15616	0.10	0.09	0.12	315,313,333	0.0	0.0	0.0	0,0,0
15617	0.13	0.12	0.16	315,301,333	0.0	0.0	0.0	0,0,0
15618	0.08	0.05	0.10	302,315,333	0.0	0.0	0.0	0,0,0
15619	0.06	0.04	0.07	315,315,333	0.0	0.0	0.0	0,0,0
15620	0.05	0.04	0.06	315,315,334	0.0	0.0	0.0	0,0,0
15621	0.03	0.03	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15622	0.04	0.04	0.05	315,307,333	0.0	0.0	0.0	0,0,0
15623	0.09	0.07	0.11	315,321,333	0.0	0.0	0.0	0,0,0
15624	0.11	0.10	0.13	301,301,333	0.0	0.0	0.0	0,0,0
15625	0.07	0.05	0.08	315,315,333	0.0	0.0	0.0	0,0,0
15626	0.06	0.04	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15627	0.05	0.04	0.06	315,315,334	0.0	0.0	0.0	0,0,0
15628	0.04	0.03	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15629	0.03	0.03	0.04	315,301,333	0.0	0.0	0.0	0,0,0
15630	0.07	0.06	0.08	315,301,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15631	0.10	0.10	0.12	315,301,333	0.0	0.0	0.0	0,0,0
15632	0.07	0.05	0.09	315,315,333	0.0	0.0	0.0	0,0,0
15633	0.06	0.04	0.07	315,315,333	0.0	0.0	0.0	0,0,0
15634	0.05	0.04	0.06	315,315,334	0.0	0.0	0.0	0,0,0
15635	0.04	0.03	0.05	316,315,333	0.0	0.0	0.0	0,0,0
15636	0.04	0.03	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15637	0.08	0.07	0.10	315,301,333	0.0	0.0	0.0	0,0,0
15638	0.10	0.10	0.12	301,301,333	0.0	0.0	0.0	0,0,0
15639	0.05	0.10	0.06	319,319,333	0.0	0.0	0.0	0,0,0
15640	0.04	0.09	0.04	319,319,333	0.0	0.0	0.0	0,0,0
15641	0.02	0.05	0.02	319,319,333	0.0	0.0	0.0	0,0,0
15642	0.04	0.13	0.04	302,302,333	0.0	0.0	0.0	0,0,0
15643	0.06	0.20	0.07	302,302,333	0.0	0.0	0.0	0,0,0
15644	0.06	0.23	0.07	302,316,333	0.0	0.0	0.0	0,0,0
15645	0.06	0.26	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15646	0.07	0.07	0.08	302,315,333	0.0	0.0	0.0	0,0,0
15647	0.09	0.10	0.10	301,308,333	0.0	0.0	0.0	0,0,0
15648	0.08	0.10	0.09	301,308,333	0.0	0.0	0.0	0,0,0
15649	0.04	0.09	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15650	0.03	0.08	0.03	315,307,333	0.0	0.0	0.0	0,0,0
15651	0.02	0.06	0.02	315,301,333	0.0	0.0	0.0	0,0,0
15652	0.02	0.02	0.02	315,319,333	0.0	0.0	0.0	0,0,0
15653	0.05	0.06	0.06	319,319,333	0.0	0.0	0.0	0,0,0
15654	0.08	0.13	0.09	319,319,333	0.0	0.0	0.0	0,0,0
15655	0.40	0.58	0.48	315,315,334	0.19	0.20	0.20	315,330,334
15656	0.18	0.33	0.21	315,316,334	0.0	0.0	0.0	0,0,0
15657	0.06	0.18	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15658	0.04	0.14	0.05	315,315,334	0.0	0.0	0.0	0,0,0
15659	0.02	0.08	0.03	308,302,334	0.0	0.0	0.0	0,0,0
15660	0.03	0.10	0.04	321,321,333	0.0	0.0	0.0	0,0,0
15661	0.09	0.19	0.10	321,321,333	0.0	0.0	0.0	0,0,0
15662	0.22	0.42	0.25	321,321,334	0.0	0.0	0.0	0,0,0
15663	0.22	0.28	0.26	321,321,334	0.0	0.0	0.0	0,0,0
15664	0.06	0.10	0.07	321,321,334	0.0	0.0	0.0	0,0,0
15665	0.02	0.05	0.02	319,315,334	0.0	0.0	0.0	0,0,0
15666	0.02	0.05	0.03	316,302,333	0.0	0.0	0.0	0,0,0
15667	0.03	0.08	0.03	316,315,334	0.0	0.0	0.0	0,0,0
15668	0.07	0.18	0.09	315,315,334	0.0	0.0	0.0	0,0,0
15669	0.23	0.47	0.28	315,315,334	0.0	0.0	0.0	0,0,0
15670	0.31	0.58	0.39	315,315,334	0.23	0.22	0.22	316,327,334
15671	0.16	0.20	0.18	321,321,334	0.0	0.0	0.0	0,0,0
15672	0.07	0.10	0.09	319,321,333	0.0	0.0	0.0	0,0,0
15673	0.02	0.03	0.02	319,321,334	0.0	0.0	0.0	0,0,0
15674	0.02	0.07	0.03	308,307,334	0.0	0.0	0.0	0,0,0
15675	0.04	0.13	0.05	316,315,334	0.0	0.0	0.0	0,0,0
15676	0.08	0.17	0.10	315,315,334	0.0	0.0	0.0	0,0,0
15677	0.19	0.35	0.24	315,315,334	0.0	0.0	0.0	0,0,0
15678	0.23	0.40	0.28	315,315,334	0.0	0.0	0.0	0,0,0
15679	0.11	0.14	0.12	319,321,333	0.0	0.0	0.0	0,0,0
15680	0.07	0.09	0.08	319,321,333	0.0	0.0	0.0	0,0,0
15681	0.02	0.03	0.02	319,321,334	0.0	0.0	0.0	0,0,0
15682	0.02	0.07	0.03	308,308,334	0.0	0.0	0.0	0,0,0
15683	0.04	0.12	0.04	315,315,334	0.0	0.0	0.0	0,0,0
15684	0.08	0.15	0.10	315,315,334	0.0	0.0	0.0	0,0,0
15685	0.15	0.20	0.18	315,308,334	0.0	0.0	0.0	0,0,0
15686	0.16	0.22	0.19	315,307,334	0.0	0.0	0.0	0,0,0
15687	0.09	0.11	0.10	319,315,333	0.0	0.0	0.0	0,0,0
15688	0.07	0.07	0.08	319,315,333	0.0	0.0	0.0	0,0,0
15689	0.02	0.02	0.02	319,308,334	0.0	0.0	0.0	0,0,0
15690	0.02	0.07	0.03	315,308,333	0.0	0.0	0.0	0,0,0
15691	0.04	0.11	0.04	315,315,334	0.0	0.0	0.0	0,0,0
15692	0.07	0.12	0.09	315,315,334	0.0	0.0	0.0	0,0,0
15693	0.12	0.14	0.15	315,307,334	0.0	0.0	0.0	0,0,0
15694	0.13	0.16	0.16	315,307,334	0.0	0.0	0.0	0,0,0
15695	0.08	0.10	0.09	319,319,333	0.0	0.0	0.0	0,0,0
15696	0.06	0.06	0.07	319,315,333	0.0	0.0	0.0	0,0,0
15697	0.02	0.02	0.02	319,302,333	0.0	0.0	0.0	0,0,0
15698	0.02	0.06	0.03	315,308,334	0.0	0.0	0.0	0,0,0
15699	0.03	0.09	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15700	0.06	0.10	0.07	315,315,333	0.0	0.0	0.0	0,0,0
15701	0.10	0.12	0.12	315,307,334	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15702	0.11	0.13	0.13	315,307,333	0.0	0.0	0.0	0,0,0
15703	0.08	0.12	0.09	319,319,333	0.0	0.0	0.0	0,0,0
15704	0.06	0.06	0.07	319,319,333	0.0	0.0	0.0	0,0,0
15705	0.02	0.02	0.02	315,302,333	0.0	0.0	0.0	0,0,0
15706	0.02	0.05	0.03	315,302,334	0.0	0.0	0.0	0,0,0
15707	0.03	0.08	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15708	0.05	0.09	0.06	315,315,333	0.0	0.0	0.0	0,0,0
15709	0.09	0.11	0.11	315,307,333	0.0	0.0	0.0	0,0,0
15710	0.10	0.12	0.12	315,307,333	0.0	0.0	0.0	0,0,0
15711	0.38	0.38	0.46	316,316,333	0.12	0.11	0.11	302,323,333
15712	0.16	0.34	0.19	316,316,334	0.0	0.0	0.0	0,0,0
15713	0.15	0.22	0.18	316,316,334	0.0	0.0	0.0	0,0,0
15714	0.09	0.14	0.11	316,316,334	0.0	0.0	0.0	0,0,0
15715	0.05	0.07	0.06	316,315,334	0.0	0.0	0.0	0,0,0
15716	0.05	0.16	0.06	316,315,334	0.0	0.0	0.0	0,0,0
15717	0.09	0.39	0.11	316,315,334	0.14	0.13	0.13	315,330,334
15718	0.23	0.57	0.29	316,316,334	0.12	0.06	0.0	316,330,0
15719	0.29	0.31	0.35	316,316,334	0.08	0.07	0.07	315,327,334
15720	0.15	0.47	0.18	316,316,334	0.0	0.0	0.0	0,0,0
15726	0.13	0.58	0.16	316,315,334	0.0	0.0	0.0	0,0,0
15727	0.22	0.31	0.27	316,316,334	0.0	0.0	0.0	0,0,0
15728	0.16	0.23	0.19	316,315,334	0.0	0.0	0.0	0,0,0
15729	0.07	0.23	0.06	321,321,334	0.0	0.0	0.0	0,0,0
15730	0.07	0.23	0.06	321,321,334	0.0	0.0	0.0	0,0,0
15731	0.06	0.23	0.07	321,321,334	0.0	0.0	0.0	0,0,0
15732	0.08	0.22	0.09	319,321,334	0.0	0.0	0.0	0,0,0
15733	0.19	0.35	0.19	321,321,334	0.0	0.0	0.0	0,0,0
15734	0.15	0.32	0.19	316,315,334	0.0	0.0	0.0	0,0,0
15735	0.07	0.09	0.09	316,319,334	0.0	0.0	0.0	0,0,0
15736	0.07	0.18	0.09	315,315,334	0.0	0.0	0.0	0,0,0
15737	0.06	0.14	0.08	315,315,334	0.0	0.0	0.0	0,0,0
15738	0.07	0.10	0.08	315,315,334	0.0	0.0	0.0	0,0,0
15739	0.08	0.08	0.10	315,307,334	0.0	0.0	0.0	0,0,0
15740	0.11	0.09	0.14	315,315,334	0.0	0.0	0.0	0,0,0
15741	0.18	0.15	0.23	315,315,334	0.0	0.0	0.0	0,0,0
15742	0.50	0.48	0.61	316,321,334	0.26	0.23	0.21	321,325,333
15743	0.08	0.06	0.10	316,316,334	0.0	0.0	0.0	0,0,0
15744	0.07	0.05	0.09	316,316,334	0.0	0.0	0.0	0,0,0
15745	0.06	0.05	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15746	0.07	0.05	0.08	315,315,334	0.0	0.0	0.0	0,0,0
15747	0.08	0.06	0.10	315,315,334	0.0	0.0	0.0	0,0,0
15748	0.09	0.08	0.12	316,316,334	0.0	0.0	0.0	0,0,0
15749	0.12	0.10	0.16	316,316,334	0.0	0.0	0.0	0,0,0
15750	0.10	0.21	0.13	322,307,334	0.0	0.0	0.0	0,0,0
15751	0.09	0.06	0.11	316,316,334	0.0	0.0	0.0	0,0,0
15752	0.08	0.06	0.10	316,316,334	0.0	0.0	0.0	0,0,0
15753	0.06	0.05	0.08	316,316,334	0.0	0.0	0.0	0,0,0
15754	0.06	0.05	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15755	0.07	0.05	0.09	316,316,334	0.0	0.0	0.0	0,0,0
15756	0.07	0.05	0.09	316,316,334	0.0	0.0	0.0	0,0,0
15757	0.06	0.05	0.08	316,316,334	0.0	0.0	0.0	0,0,0
15758	0.06	0.20	0.07	316,321,334	0.0	0.0	0.0	0,0,0
15759	0.11	0.07	0.13	316,316,334	0.0	0.0	0.0	0,0,0
15760	0.09	0.06	0.11	316,316,334	0.0	0.0	0.0	0,0,0
15761	0.07	0.05	0.08	316,316,334	0.0	0.0	0.0	0,0,0
15762	0.05	0.04	0.07	315,316,334	0.0	0.0	0.0	0,0,0
15763	0.09	0.06	0.11	316,316,334	0.0	0.0	0.0	0,0,0
15764	0.06	0.04	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15765	0.05	0.04	0.06	316,316,334	0.0	0.0	0.0	0,0,0
15766	0.03	0.19	0.04	307,321,334	0.0	0.0	0.0	0,0,0
15767	0.12	0.07	0.14	316,316,334	0.0	0.0	0.0	0,0,0
15768	0.10	0.06	0.12	316,316,334	0.0	0.0	0.0	0,0,0
15769	0.07	0.05	0.09	316,316,334	0.0	0.0	0.0	0,0,0
15770	0.06	0.04	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15771	0.07	0.05	0.09	316,316,334	0.0	0.0	0.0	0,0,0
15772	0.05	0.04	0.06	316,316,334	0.0	0.0	0.0	0,0,0
15773	0.05	0.11	0.06	315,305,334	0.0	0.0	0.0	0,0,0
15774	0.05	0.22	0.06	308,321,334	0.0	0.0	0.0	0,0,0
15775	0.13	0.07	0.16	308,308,334	0.0	0.0	0.0	0,0,0
15776	0.11	0.07	0.13	316,316,334	0.0	0.0	0.0	0,0,0
15777	0.07	0.05	0.09	316,316,334	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15778	0.06	0.04	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15779	0.05	0.04	0.07	315,315,334	0.0	0.0	0.0	0,0,0
15780	0.07	0.10	0.08	315,321,334	0.0	0.0	0.0	0,0,0
15781	0.09	0.20	0.12	315,321,334	0.0	0.0	0.0	0,0,0
15782	0.10	0.26	0.12	315,315,334	0.0	0.0	0.0	0,0,0
15783	0.15	0.12	0.18	308,307,334	0.0	0.0	0.0	0,0,0
15784	0.12	0.10	0.14	316,308,334	0.0	0.0	0.0	0,0,0
15785	0.08	0.09	0.09	316,307,334	0.0	0.0	0.0	0,0,0
15786	0.06	0.07	0.07	316,301,334	0.0	0.0	0.0	0,0,0
15787	0.06	0.08	0.07	315,301,334	0.0	0.0	0.0	0,0,0
15788	0.08	0.16	0.10	315,321,334	0.0	0.0	0.0	0,0,0
15789	0.14	0.36	0.17	315,321,334	0.0	0.0	0.0	0,0,0
15790	0.40	0.80	0.47	321,321,334	0.52	0.49	0.49	316,327,334
15791	0.16	0.16	0.19	308,307,334	0.0	0.0	0.0	0,0,0
15792	0.13	0.14	0.15	308,307,334	0.0	0.0	0.0	0,0,0
15793	0.08	0.12	0.09	316,307,334	0.0	0.0	0.0	0,0,0
15794	0.06	0.11	0.07	316,301,334	0.0	0.0	0.0	0,0,0
15795	0.06	0.09	0.07	315,301,334	0.0	0.0	0.0	0,0,0
15796	0.08	0.17	0.10	315,313,334	0.0	0.0	0.0	0,0,0
15797	0.14	0.40	0.17	315,315,334	0.0	0.0	0.0	0,0,0
15798	0.41	0.81	0.49	316,315,334	0.58	0.54	0.51	321,325,333
15799	0.17	0.20	0.20	308,307,334	0.0	0.0	0.0	0,0,0
15800	0.13	0.17	0.16	308,307,334	0.0	0.0	0.0	0,0,0
15801	0.07	0.15	0.09	316,307,334	0.0	0.0	0.0	0,0,0
15802	0.06	0.12	0.07	316,307,334	0.0	0.0	0.0	0,0,0
15803	0.05	0.09	0.06	316,301,334	0.0	0.0	0.0	0,0,0
15804	0.07	0.12	0.09	316,313,334	0.0	0.0	0.0	0,0,0
15805	0.10	0.27	0.12	315,307,334	0.0	0.0	0.0	0,0,0
15806	0.11	0.43	0.13	316,307,334	0.0	0.0	0.0	0,0,0
15807	0.17	0.23	0.21	308,307,334	0.0	0.0	0.0	0,0,0
15808	0.13	0.20	0.16	308,307,334	0.0	0.0	0.0	0,0,0
15809	0.07	0.16	0.09	316,315,334	0.0	0.0	0.0	0,0,0
15810	0.05	0.11	0.07	316,301,334	0.0	0.0	0.0	0,0,0
15811	0.04	0.07	0.05	316,301,334	0.0	0.0	0.0	0,0,0
15812	0.05	0.07	0.06	316,313,334	0.0	0.0	0.0	0,0,0
15813	0.08	0.25	0.10	316,307,334	0.0	0.0	0.0	0,0,0
15814	0.11	0.41	0.13	316,307,334	0.0	0.0	0.0	0,0,0
15815	0.11	0.40	0.13	316,307,334	0.0	0.0	0.0	0,0,0
15816	0.09	0.21	0.11	316,307,334	0.0	0.0	0.0	0,0,0
15817	0.05	0.06	0.06	307,307,334	0.0	0.0	0.0	0,0,0
15818	0.03	0.04	0.04	316,301,334	0.0	0.0	0.0	0,0,0
15819	0.05	0.10	0.06	316,315,334	0.0	0.0	0.0	0,0,0
15820	0.07	0.12	0.09	316,315,334	0.0	0.0	0.0	0,0,0
15821	0.13	0.20	0.16	308,307,334	0.0	0.0	0.0	0,0,0
15822	0.19	0.26	0.24	316,307,334	0.0	0.0	0.0	0,0,0
15823	0.09	0.37	0.11	316,315,334	0.0	0.0	0.0	0,0,0
15824	0.22	0.41	0.22	321,321,334	0.0	0.0	0.0	0,0,0
15825	0.07	0.12	0.06	321,321,333	0.0	0.0	0.0	0,0,0
15826	0.09	0.22	0.08	321,321,333	0.0	0.0	0.0	0,0,0
15827	0.09	0.28	0.08	321,321,334	0.0	0.0	0.0	0,0,0
15828	0.08	0.30	0.08	321,321,334	0.0	0.0	0.0	0,0,0
15829	0.10	0.19	0.12	316,315,334	0.0	0.0	0.0	0,0,0
15830	0.10	0.13	0.12	316,302,334	0.0	0.0	0.0	0,0,0
15831	0.05	0.19	0.07	319,301,334	0.0	0.0	0.0	0,0,0
15832	0.05	0.11	0.06	315,301,334	0.0	0.0	0.0	0,0,0
15833	0.04	0.11	0.05	315,301,334	0.0	0.0	0.0	0,0,0
15834	0.04	0.08	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15835	0.06	0.14	0.07	315,315,333	0.0	0.0	0.0	0,0,0
15836	0.08	0.21	0.10	315,315,333	0.0	0.0	0.0	0,0,0
15837	0.07	0.04	0.08	316,315,333	0.0	0.0	0.0	0,0,0
15838	0.07	0.06	0.08	316,302,333	0.0	0.0	0.0	0,0,0
15839	0.06	0.06	0.08	315,302,333	0.0	0.0	0.0	0,0,0
15840	0.06	0.04	0.07	315,301,334	0.0	0.0	0.0	0,0,0
15841	0.04	0.03	0.05	315,315,333	0.0	0.0	0.0	0,0,0
15842	0.04	0.03	0.05	315,315,334	0.0	0.0	0.0	0,0,0
15843	0.06	0.04	0.08	316,316,333	0.0	0.0	0.0	0,0,0
15844	0.08	0.05	0.10	302,316,333	0.0	0.0	0.0	0,0,0
15845	0.08	0.12	0.10	302,302,333	0.0	0.0	0.0	0,0,0
15846	0.07	0.09	0.08	316,302,333	0.0	0.0	0.0	0,0,0
15847	0.06	0.07	0.08	315,302,334	0.0	0.0	0.0	0,0,0
15848	0.04	0.08	0.05	315,301,334	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15849	0.04	0.06	0.05	315,301,334	0.0	0.0	0.0	0,0,0
15850	0.08	0.05	0.10	302,316,333	0.0	0.0	0.0	0,0,0
15851	0.10	0.05	0.12	302,316,333	0.0	0.0	0.0	0,0,0
15852	0.11	0.17	0.14	302,302,333	0.0	0.0	0.0	0,0,0
15853	0.08	0.11	0.10	316,302,333	0.0	0.0	0.0	0,0,0
15854	0.08	0.09	0.10	316,302,334	0.0	0.0	0.0	0,0,0
15855	0.05	0.10	0.06	315,301,334	0.0	0.0	0.0	0,0,0
15856	0.04	0.07	0.05	316,301,333	0.0	0.0	0.0	0,0,0
15857	0.10	0.07	0.12	302,301,333	0.0	0.0	0.0	0,0,0
15858	0.12	0.09	0.14	302,302,333	0.0	0.0	0.0	0,0,0
15859	0.15	0.21	0.18	302,301,333	0.0	0.0	0.0	0,0,0
15860	0.09	0.14	0.11	302,301,333	0.0	0.0	0.0	0,0,0
15861	0.07	0.07	0.09	316,301,333	0.0	0.0	0.0	0,0,0
15862	0.05	0.08	0.07	316,301,334	0.0	0.0	0.0	0,0,0
15863	0.05	0.08	0.06	316,301,333	0.0	0.0	0.0	0,0,0
15864	0.12	0.12	0.15	302,301,333	0.0	0.0	0.0	0,0,0
15865	0.15	0.15	0.18	302,302,333	0.0	0.0	0.0	0,0,0
15866	0.17	0.27	0.21	302,301,333	0.0	0.0	0.0	0,0,0
15867	0.11	0.17	0.14	302,301,333	0.0	0.0	0.0	0,0,0
15868	0.07	0.10	0.08	316,301,333	0.0	0.0	0.0	0,0,0
15869	0.05	0.05	0.06	316,301,334	0.0	0.0	0.0	0,0,0
15870	0.05	0.09	0.06	316,301,333	0.0	0.0	0.0	0,0,0
15871	0.15	0.17	0.17	302,301,333	0.0	0.0	0.0	0,0,0
15872	0.17	0.20	0.21	302,301,333	0.0	0.0	0.0	0,0,0
15873	0.20	0.31	0.24	302,301,333	0.0	0.0	0.0	0,0,0
15874	0.13	0.19	0.16	302,301,333	0.0	0.0	0.0	0,0,0
15875	0.07	0.12	0.09	302,301,333	0.0	0.0	0.0	0,0,0
15876	0.04	0.05	0.06	316,301,334	0.0	0.0	0.0	0,0,0
15877	0.05	0.09	0.06	316,301,333	0.0	0.0	0.0	0,0,0
15878	0.16	0.20	0.20	302,301,333	0.0	0.0	0.0	0,0,0
15879	0.19	0.25	0.23	302,301,333	0.0	0.0	0.0	0,0,0
15880	0.21	0.33	0.25	302,301,333	0.0	0.0	0.0	0,0,0
15881	0.14	0.21	0.17	302,301,333	0.0	0.0	0.0	0,0,0
15882	0.08	0.13	0.09	302,301,333	0.0	0.0	0.0	0,0,0
15883	0.04	0.06	0.05	316,301,334	0.0	0.0	0.0	0,0,0
15884	0.05	0.09	0.06	316,301,333	0.0	0.0	0.0	0,0,0
15885	0.18	0.23	0.21	302,301,333	0.0	0.0	0.0	0,0,0
15886	0.21	0.28	0.25	302,301,333	0.0	0.0	0.0	0,0,0
15887	0.22	0.35	0.27	302,301,333	0.0	0.0	0.0	0,0,0
15888	0.15	0.21	0.18	302,301,333	0.0	0.0	0.0	0,0,0
15889	0.08	0.12	0.10	302,301,333	0.0	0.0	0.0	0,0,0
15890	0.04	0.06	0.05	316,301,334	0.0	0.0	0.0	0,0,0
15891	0.05	0.08	0.07	316,301,333	0.0	0.0	0.0	0,0,0
15892	0.18	0.25	0.22	302,301,333	0.0	0.0	0.0	0,0,0
15893	0.21	0.31	0.26	302,301,333	0.0	0.0	0.0	0,0,0
15894	0.30	0.32	0.36	316,316,333	0.08	0.08	0.07	315,327,334
15895	0.04	0.16	0.05	316,316,334	0.0	0.0	0.0	0,0,0
15896	0.03	0.06	0.04	316,315,334	0.0	0.0	0.0	0,0,0
15897	0.05	0.06	0.06	316,315,334	0.0	0.0	0.0	0,0,0
15898	0.07	0.14	0.09	316,316,334	0.0	0.0	0.0	0,0,0
15899	0.14	0.27	0.17	316,316,334	0.0	0.0	0.0	0,0,0
15900	0.41	0.50	0.50	316,316,334	0.16	0.15	0.15	316,327,334
15906	0.20	0.30	0.24	316,316,334	0.0	0.0	0.0	0,0,0
15907	0.31	0.34	0.37	316,316,334	0.11	0.09	0.09	316,327,334
15908	0.08	0.30	0.10	319,321,334	0.0	0.0	0.0	0,0,0
15909	0.11	0.29	0.12	319,321,333	0.0	0.0	0.0	0,0,0
15910	0.24	0.43	0.25	319,321,334	0.0	0.0	0.0	0,0,0
15911	0.28	0.52	0.30	319,319,333	0.21	0.0	0.0	319,0,0
15912	0.09	0.12	0.08	305,305,333	0.0	0.0	0.0	0,0,0
15913	0.18	0.22	0.22	316,316,334	0.0	0.0	0.0	0,0,0
15914	0.24	0.33	0.30	316,316,334	0.10	0.0	0.0	316,0,0
15915	0.11	0.25	0.11	321,321,333	0.0	0.0	0.0	0,0,0
15916	0.11	0.33	0.12	321,321,333	0.0	0.0	0.0	0,0,0
15917	0.09	0.35	0.11	301,321,333	0.0	0.0	0.0	0,0,0
15918	0.09	0.36	0.11	319,321,334	0.0	0.0	0.0	0,0,0
15919	0.13	0.34	0.14	319,321,333	0.0	0.0	0.0	0,0,0
15920	0.12	0.18	0.15	316,316,334	0.0	0.0	0.0	0,0,0
15921	0.13	0.17	0.16	316,302,334	0.0	0.0	0.0	0,0,0
15922	0.23	0.37	0.27	302,301,333	0.0	0.0	0.0	0,0,0
15923	0.15	0.21	0.18	302,301,333	0.0	0.0	0.0	0,0,0
15924	0.08	0.12	0.10	302,301,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
15925	0.04	0.05	0.05	316,301,334	0.0	0.0	0.0	0,0,0
15926	0.06	0.06	0.07	316,301,333	0.0	0.0	0.0	0,0,0
15927	0.18	0.26	0.22	302,301,333	0.0	0.0	0.0	0,0,0
15928	0.22	0.33	0.26	302,301,333	0.0	0.0	0.0	0,0,0
15929	0.24	0.38	0.29	302,301,333	0.0	0.0	0.0	0,0,0
15930	0.15	0.20	0.18	302,301,333	0.0	0.0	0.0	0,0,0
15931	0.08	0.10	0.10	302,301,333	0.0	0.0	0.0	0,0,0
15932	0.04	0.04	0.05	316,301,334	0.0	0.0	0.0	0,0,0
15933	0.06	0.04	0.07	316,301,333	0.0	0.0	0.0	0,0,0
15934	0.18	0.26	0.22	302,301,333	0.0	0.0	0.0	0,0,0
15935	0.24	0.37	0.29	302,301,333	0.0	0.0	0.0	0,0,0
15936	0.06	0.10	0.07	316,316,334	0.0	0.0	0.0	0,0,0
15937	0.06	0.27	0.07	316,316,333	0.0	0.0	0.0	0,0,0
15938	0.06	0.23	0.07	302,316,333	0.0	0.0	0.0	0,0,0
15939	0.06	0.21	0.07	302,302,333	0.0	0.0	0.0	0,0,0
15940	0.04	0.13	0.04	302,302,333	0.0	0.0	0.0	0,0,0
15941	0.02	0.05	0.02	319,302,334	0.0	0.0	0.0	0,0,0
15942	0.04	0.08	0.04	319,319,333	0.0	0.0	0.0	0,0,0
15943	0.06	0.25	0.08	316,315,333	0.0	0.0	0.0	0,0,0
15944	0.39	0.51	0.48	316,316,334	0.16	0.17	0.16	316,323,333
15945	0.21	0.31	0.25	316,308,334	0.09	0.0	0.0	302,0,0
15946	0.04	0.14	0.05	316,316,334	0.0	0.0	0.0	0,0,0
15947	0.02	0.05	0.02	320,308,334	0.0	0.0	0.0	0,0,0
15948	0.03	0.03	0.04	320,320,334	0.0	0.0	0.0	0,0,0
15949	0.03	0.10	0.03	302,316,333	0.0	0.0	0.0	0,0,0
15950	0.08	0.14	0.10	320,320,334	0.0	0.0	0.0	0,0,0
15951	0.30	0.16	0.36	320,319,334	0.0	0.0	0.0	0,0,0
15957	0.04	0.31	0.05	316,320,334	0.0	0.0	0.0	0,0,0
15958	0.12	0.19	0.15	320,319,334	0.0	0.0	0.0	0,0,0
15959	0.23	0.28	0.28	320,320,334	0.0	0.0	0.0	0,0,0
15960	0.30	0.54	0.33	319,319,333	0.21	0.0	0.0	319,0,0
15961	0.35	0.67	0.39	319,319,333	0.27	0.23	0.22	319,325,333
15962	0.18	0.14	0.18	305,305,333	0.0	0.0	0.0	0,0,0
15963	0.19	0.44	0.23	305,322,333	0.0	0.0	0.0	0,0,0
15964	0.32	0.72	0.39	315,302,333	0.31	0.29	0.22	301,323,333
15965	0.05	0.15	0.06	319,320,333	0.0	0.0	0.0	0,0,0
15966	0.12	0.19	0.15	320,319,334	0.0	0.0	0.0	0,0,0
15967	0.18	0.25	0.21	320,320,334	0.0	0.0	0.0	0,0,0
15968	0.09	0.18	0.10	316,302,333	0.0	0.0	0.0	0,0,0
15969	0.08	0.18	0.10	316,302,333	0.0	0.0	0.0	0,0,0
15970	0.05	0.14	0.06	316,301,333	0.0	0.0	0.0	0,0,0
15971	0.03	0.09	0.04	315,302,333	0.0	0.0	0.0	0,0,0
15972	0.02	0.08	0.03	315,301,333	0.0	0.0	0.0	0,0,0
15973	0.02	0.07	0.03	316,301,334	0.0	0.0	0.0	0,0,0
15974	0.06	0.16	0.07	320,315,333	0.0	0.0	0.0	0,0,0
15975	0.08	0.26	0.09	315,315,333	0.0	0.0	0.0	0,0,0
15976	0.11	0.22	0.13	316,302,333	0.0	0.0	0.0	0,0,0
15977	0.10	0.22	0.12	316,302,333	0.0	0.0	0.0	0,0,0
15978	0.07	0.16	0.08	316,301,333	0.0	0.0	0.0	0,0,0
15979	0.04	0.11	0.05	315,301,333	0.0	0.0	0.0	0,0,0
15980	0.03	0.08	0.04	315,315,333	0.0	0.0	0.0	0,0,0
15981	0.02	0.11	0.03	316,315,334	0.0	0.0	0.0	0,0,0
15982	0.07	0.18	0.08	320,315,334	0.0	0.0	0.0	0,0,0
15983	0.09	0.24	0.10	319,315,334	0.0	0.0	0.0	0,0,0
15984	0.10	0.23	0.12	320,315,334	0.0	0.0	0.0	0,0,0
15985	0.08	0.19	0.10	320,315,334	0.0	0.0	0.0	0,0,0
15986	0.03	0.12	0.03	320,315,334	0.0	0.0	0.0	0,0,0
15987	0.03	0.08	0.04	315,319,333	0.0	0.0	0.0	0,0,0
15988	0.05	0.13	0.06	302,301,333	0.0	0.0	0.0	0,0,0
15989	0.08	0.19	0.10	316,301,333	0.0	0.0	0.0	0,0,0
15990	0.12	0.26	0.15	316,301,333	0.0	0.0	0.0	0,0,0
15991	0.13	0.27	0.16	316,301,333	0.0	0.0	0.0	0,0,0
15992	0.15	0.31	0.18	316,315,333	0.0	0.0	0.0	0,0,0
15993	0.14	0.29	0.17	316,315,333	0.0	0.0	0.0	0,0,0
15994	0.10	0.21	0.12	316,301,333	0.0	0.0	0.0	0,0,0
15995	0.06	0.15	0.07	302,301,333	0.0	0.0	0.0	0,0,0
15996	0.03	0.10	0.04	315,301,333	0.0	0.0	0.0	0,0,0
15997	0.03	0.12	0.03	320,315,334	0.0	0.0	0.0	0,0,0
15998	0.09	0.19	0.11	320,315,334	0.0	0.0	0.0	0,0,0
15999	0.11	0.23	0.14	320,315,334	0.0	0.0	0.0	0,0,0
16000	0.17	0.34	0.20	316,315,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16001	0.16	0.32	0.19	316,315,333	0.0	0.0	0.0	0,0,0
16002	0.11	0.24	0.13	316,301,333	0.0	0.0	0.0	0,0,0
16003	0.07	0.17	0.08	302,301,333	0.0	0.0	0.0	0,0,0
16004	0.04	0.12	0.04	315,301,333	0.0	0.0	0.0	0,0,0
16005	0.03	0.12	0.04	320,319,334	0.0	0.0	0.0	0,0,0
16006	0.10	0.19	0.12	320,315,334	0.0	0.0	0.0	0,0,0
16007	0.13	0.23	0.15	320,315,334	0.0	0.0	0.0	0,0,0
16008	0.18	0.35	0.22	316,315,333	0.0	0.0	0.0	0,0,0
16009	0.17	0.33	0.21	316,315,333	0.0	0.0	0.0	0,0,0
16010	0.12	0.25	0.15	316,301,333	0.0	0.0	0.0	0,0,0
16011	0.08	0.18	0.09	302,301,333	0.0	0.0	0.0	0,0,0
16012	0.04	0.12	0.04	316,301,333	0.0	0.0	0.0	0,0,0
16013	0.03	0.11	0.04	319,319,334	0.0	0.0	0.0	0,0,0
16014	0.11	0.18	0.13	320,315,334	0.0	0.0	0.0	0,0,0
16015	0.14	0.24	0.16	320,315,334	0.0	0.0	0.0	0,0,0
16016	0.20	0.36	0.24	316,315,334	0.0	0.0	0.0	0,0,0
16017	0.18	0.34	0.22	316,315,334	0.0	0.0	0.0	0,0,0
16018	0.13	0.25	0.16	316,301,333	0.0	0.0	0.0	0,0,0
16019	0.08	0.18	0.10	302,301,333	0.0	0.0	0.0	0,0,0
16020	0.04	0.12	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16021	0.03	0.09	0.04	320,319,334	0.0	0.0	0.0	0,0,0
16022	0.12	0.18	0.14	320,315,334	0.0	0.0	0.0	0,0,0
16023	0.15	0.24	0.17	320,315,334	0.0	0.0	0.0	0,0,0
16024	0.21	0.37	0.25	316,315,334	0.0	0.0	0.0	0,0,0
16025	0.19	0.35	0.23	316,315,334	0.0	0.0	0.0	0,0,0
16026	0.13	0.25	0.16	316,315,334	0.0	0.0	0.0	0,0,0
16027	0.08	0.18	0.10	302,301,333	0.0	0.0	0.0	0,0,0
16028	0.04	0.12	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16029	0.04	0.07	0.04	320,319,334	0.0	0.0	0.0	0,0,0
16030	0.12	0.18	0.15	320,315,334	0.0	0.0	0.0	0,0,0
16031	0.15	0.24	0.18	320,319,334	0.0	0.0	0.0	0,0,0
16032	0.21	0.37	0.26	316,315,334	0.0	0.0	0.0	0,0,0
16033	0.20	0.34	0.24	316,315,334	0.0	0.0	0.0	0,0,0
16034	0.13	0.24	0.16	316,315,334	0.0	0.0	0.0	0,0,0
16035	0.08	0.17	0.10	302,301,333	0.0	0.0	0.0	0,0,0
16036	0.04	0.11	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16037	0.04	0.05	0.04	320,319,334	0.0	0.0	0.0	0,0,0
16038	0.12	0.18	0.15	320,319,334	0.0	0.0	0.0	0,0,0
16039	0.15	0.24	0.18	320,319,334	0.0	0.0	0.0	0,0,0
16040	0.24	0.38	0.28	316,315,334	0.0	0.0	0.0	0,0,0
16041	0.21	0.34	0.25	316,315,334	0.0	0.0	0.0	0,0,0
16042	0.13	0.24	0.16	316,301,334	0.0	0.0	0.0	0,0,0
16043	0.08	0.16	0.10	302,301,333	0.0	0.0	0.0	0,0,0
16044	0.03	0.09	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16045	0.04	0.03	0.05	320,319,334	0.0	0.0	0.0	0,0,0
16046	0.12	0.19	0.15	320,319,334	0.0	0.0	0.0	0,0,0
16047	0.15	0.24	0.18	320,320,334	0.0	0.0	0.0	0,0,0
16048	0.33	0.66	0.40	315,301,333	0.28	0.25	0.25	301,325,333
16049	0.28	0.45	0.35	315,301,333	0.0	0.0	0.0	0,0,0
16050	0.15	0.36	0.18	319,315,333	0.0	0.0	0.0	0,0,0
16051	0.45	0.77	0.51	319,319,333	0.31	0.30	0.28	319,325,333
16052	0.48	0.77	0.55	319,319,333	0.29	0.29	0.28	319,325,333
16053	0.04	0.12	0.05	319,320,334	0.0	0.0	0.0	0,0,0
16054	0.09	0.13	0.11	320,319,334	0.0	0.0	0.0	0,0,0
16055	0.12	0.15	0.14	320,320,334	0.0	0.0	0.0	0,0,0
16056	0.23	0.36	0.25	322,316,333	0.0	0.0	0.0	0,0,0
16057	0.07	0.05	0.08	305,305,333	0.0	0.0	0.0	0,0,0
16058	0.03	0.04	0.04	321,308,333	0.0	0.0	0.0	0,0,0
16059	0.03	0.04	0.03	321,308,333	0.0	0.0	0.0	0,0,0
16060	0.03	0.04	0.03	315,316,333	0.0	0.0	0.0	0,0,0
16061	0.05	0.27	0.06	315,316,333	0.0	0.0	0.0	0,0,0
16062	0.07	0.21	0.09	315,316,333	0.0	0.0	0.0	0,0,0
16063	0.09	0.11	0.12	315,315,334	0.0	0.0	0.0	0,0,0
16064	0.07	0.73	0.09	315,315,334	0.0	0.0	0.0	0,0,0
16065	0.04	0.17	0.05	302,315,333	0.0	0.0	0.0	0,0,0
16066	0.02	0.10	0.03	308,302,334	0.0	0.0	0.0	0,0,0
16067	0.03	0.07	0.04	315,315,333	0.0	0.0	0.0	0,0,0
16068	0.05	0.10	0.05	315,321,334	0.0	0.0	0.0	0,0,0
16069	0.08	0.13	0.08	321,321,333	0.0	0.0	0.0	0,0,0
16070	0.08	0.22	0.08	321,315,334	0.0	0.0	0.0	0,0,0
16071	0.06	0.37	0.07	313,322,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16072	0.05	0.44	0.07	316,315,334	0.0	0.0	0.0	0,0,0
16073	0.05	0.34	0.07	316,315,334	0.0	0.0	0.0	0,0,0
16074	0.04	0.19	0.05	316,315,334	0.0	0.0	0.0	0,0,0
16075	0.02	0.09	0.03	308,302,334	0.0	0.0	0.0	0,0,0
16076	0.01	0.33	0.02	319,321,333	0.0	0.0	0.0	0,0,0
16077	0.04	0.78	0.04	321,321,333	0.64	0.0	0.0	321,0,0
16078	0.07	0.78	0.08	321,321,333	0.76	0.71	0.68	321,330,334
16079	0.02	0.07	0.02	315,322,334	0.0	0.0	0.0	0,0,0
16080	0.02	0.20	0.02	316,316,334	0.0	0.0	0.0	0,0,0
16081	0.02	0.19	0.02	316,316,334	0.0	0.0	0.0	0,0,0
16082	0.02	0.15	0.02	316,316,334	0.0	0.0	0.0	0,0,0
16083	0.01	0.09	0.01	308,302,334	0.0	0.0	0.0	0,0,0
16084	8.41e-03	0.11	0.01	319,321,333	0.0	0.0	0.0	0,0,0
16085	0.01	0.31	0.01	321,315,333	0.0	0.0	0.0	0,0,0
16086	0.02	0.53	0.02	321,321,334	0.0	0.0	0.0	0,0,0
16087	0.01	0.02	0.01	321,322,333	0.0	0.0	0.0	0,0,0
16088	0.01	0.09	0.01	320,316,334	0.0	0.0	0.0	0,0,0
16089	0.01	0.09	0.01	320,316,334	0.0	0.0	0.0	0,0,0
16090	9.83e-03	0.09	0.01	315,316,333	0.0	0.0	0.0	0,0,0
16091	7.30e-03	0.07	9.28e-03	315,302,333	0.0	0.0	0.0	0,0,0
16092	5.55e-03	0.09	6.25e-03	321,315,333	0.0	0.0	0.0	0,0,0
16093	8.44e-03	0.24	9.90e-03	319,315,333	0.0	0.0	0.0	0,0,0
16094	0.02	0.34	0.02	321,321,334	0.0	0.0	0.0	0,0,0
16095	7.37e-03	6.89e-03	9.35e-03	306,314,333	0.0	0.0	0.0	0,0,0
16096	5.86e-03	8.95e-03	7.44e-03	306,306,333	0.0	0.0	0.0	0,0,0
16097	4.59e-03	0.02	6.01e-03	306,302,333	0.0	0.0	0.0	0,0,0
16098	4.46e-03	0.02	5.70e-03	306,314,333	0.0	0.0	0.0	0,0,0
16099	4.35e-03	0.04	5.57e-03	322,302,333	0.0	0.0	0.0	0,0,0
16100	4.75e-03	0.06	5.76e-03	321,302,333	0.0	0.0	0.0	0,0,0
16101	5.64e-03	0.14	6.63e-03	321,322,333	0.0	0.0	0.0	0,0,0
16102	5.62e-03	0.22	6.55e-03	322,322,334	0.0	0.0	0.0	0,0,0
16103	6.43e-03	0.02	8.60e-03	305,314,333	0.0	0.0	0.0	0,0,0
16104	6.14e-03	0.02	8.14e-03	302,314,333	0.0	0.0	0.0	0,0,0
16105	5.58e-03	0.02	7.40e-03	306,306,333	0.0	0.0	0.0	0,0,0
16106	4.96e-03	0.04	6.47e-03	306,306,333	0.0	0.0	0.0	0,0,0
16107	4.39e-03	0.06	5.65e-03	306,302,333	0.0	0.0	0.0	0,0,0
16108	4.28e-03	0.08	5.40e-03	322,302,333	0.0	0.0	0.0	0,0,0
16109	5.75e-03	0.14	7.27e-03	319,316,333	0.0	0.0	0.0	0,0,0
16110	5.57e-03	0.18	7.01e-03	319,322,333	0.0	0.0	0.0	0,0,0
16111	0.01	0.03	0.02	301,302,333	0.0	0.0	0.0	0,0,0
16112	0.01	0.03	0.02	301,308,333	0.0	0.0	0.0	0,0,0
16113	6.20e-03	0.02	8.20e-03	305,301,333	0.0	0.0	0.0	0,0,0
16114	4.72e-03	0.04	6.26e-03	306,306,333	0.0	0.0	0.0	0,0,0
16115	4.11e-03	0.06	5.33e-03	320,302,333	0.0	0.0	0.0	0,0,0
16116	4.97e-03	0.08	6.43e-03	320,316,333	0.0	0.0	0.0	0,0,0
16117	7.48e-03	0.13	9.46e-03	319,316,333	0.0	0.0	0.0	0,0,0
16118	8.49e-03	0.13	0.01	321,316,333	0.0	0.0	0.0	0,0,0
16119	0.03	0.04	0.03	301,302,333	0.0	0.0	0.0	0,0,0
16120	0.02	0.04	0.02	301,302,333	0.0	0.0	0.0	0,0,0
16121	5.72e-03	0.02	7.54e-03	305,306,333	0.0	0.0	0.0	0,0,0
16122	4.19e-03	0.04	5.55e-03	306,302,333	0.0	0.0	0.0	0,0,0
16123	4.56e-03	0.06	5.92e-03	320,302,333	0.0	0.0	0.0	0,0,0
16124	5.58e-03	0.08	7.23e-03	319,316,333	0.0	0.0	0.0	0,0,0
16125	8.48e-03	0.12	0.01	319,316,333	0.0	0.0	0.0	0,0,0
16126	0.01	0.12	0.01	321,302,333	0.0	0.0	0.0	0,0,0
16127	0.02	0.03	0.02	305,321,333	0.0	0.0	0.0	0,0,0
16128	0.01	0.02	0.02	305,321,333	0.0	0.0	0.0	0,0,0
16129	5.01e-03	0.03	6.55e-03	305,306,333	0.0	0.0	0.0	0,0,0
16130	4.26e-03	0.04	5.39e-03	319,302,333	0.0	0.0	0.0	0,0,0
16131	5.00e-03	0.06	6.40e-03	319,316,333	0.0	0.0	0.0	0,0,0
16132	6.02e-03	0.08	7.74e-03	319,316,333	0.0	0.0	0.0	0,0,0
16133	9.13e-03	0.11	0.01	319,316,333	0.0	0.0	0.0	0,0,0
16134	0.01	0.12	0.02	321,302,333	0.0	0.0	0.0	0,0,0
16135	5.66e-03	4.28e-03	7.16e-03	316,319,333	0.0	0.0	0.0	0,0,0
16136	5.16e-03	0.01	6.81e-03	305,306,333	0.0	0.0	0.0	0,0,0
16137	4.55e-03	0.03	6.01e-03	305,302,333	0.0	0.0	0.0	0,0,0
16138	4.79e-03	0.05	6.07e-03	319,316,333	0.0	0.0	0.0	0,0,0
16139	5.45e-03	0.07	6.91e-03	319,316,333	0.0	0.0	0.0	0,0,0
16140	6.36e-03	0.09	8.13e-03	319,316,333	0.0	0.0	0.0	0,0,0
16141	0.01	0.12	0.01	319,315,333	0.0	0.0	0.0	0,0,0
16142	0.01	0.12	0.02	321,315,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16143	5.69e-03	4.33e-03	7.13e-03	319,319,333	0.0	0.0	0.0	0,0,0
16144	5.25e-03	9.45e-03	6.54e-03	319,321,333	0.0	0.0	0.0	0,0,0
16145	4.99e-03	0.03	6.34e-03	319,315,333	0.0	0.0	0.0	0,0,0
16146	5.24e-03	0.05	6.65e-03	319,315,333	0.0	0.0	0.0	0,0,0
16147	5.78e-03	0.07	7.35e-03	319,315,333	0.0	0.0	0.0	0,0,0
16148	6.57e-03	0.09	8.37e-03	319,315,333	0.0	0.0	0.0	0,0,0
16149	0.01	0.12	0.01	319,315,333	0.0	0.0	0.0	0,0,0
16150	0.01	0.13	0.02	321,315,333	0.0	0.0	0.0	0,0,0
16151	5.91e-03	4.64e-03	7.41e-03	319,319,333	0.0	0.0	0.0	0,0,0
16152	5.69e-03	9.35e-03	7.06e-03	319,321,333	0.0	0.0	0.0	0,0,0
16153	5.48e-03	0.03	6.89e-03	319,321,333	0.0	0.0	0.0	0,0,0
16154	5.55e-03	0.05	7.03e-03	319,315,333	0.0	0.0	0.0	0,0,0
16155	5.92e-03	0.08	7.55e-03	319,315,333	0.0	0.0	0.0	0,0,0
16156	6.60e-03	0.10	8.45e-03	319,315,333	0.0	0.0	0.0	0,0,0
16157	0.01	0.14	0.02	320,315,333	0.0	0.0	0.0	0,0,0
16158	0.01	0.14	0.02	319,315,333	0.0	0.0	0.0	0,0,0
16159	9.46e-03	8.24e-03	0.01	321,320,333	0.0	0.0	0.0	0,0,0
16160	9.00e-03	0.04	0.01	320,316,334	0.0	0.0	0.0	0,0,0
16161	8.50e-03	0.06	0.01	320,316,334	0.0	0.0	0.0	0,0,0
16162	7.47e-03	0.06	9.49e-03	320,316,333	0.0	0.0	0.0	0,0,0
16163	5.37e-03	0.07	6.83e-03	316,315,333	0.0	0.0	0.0	0,0,0
16164	5.30e-03	0.10	6.73e-03	320,315,333	0.0	0.0	0.0	0,0,0
16165	8.16e-03	0.21	9.85e-03	322,315,333	0.0	0.0	0.0	0,0,0
16166	9.31e-03	0.25	0.01	322,315,333	0.0	0.0	0.0	0,0,0
16167	8.07e-03	6.41e-03	9.89e-03	321,321,333	0.0	0.0	0.0	0,0,0
16168	7.68e-03	0.03	9.38e-03	321,316,333	0.0	0.0	0.0	0,0,0
16169	6.71e-03	0.04	8.47e-03	320,316,334	0.0	0.0	0.0	0,0,0
16170	5.84e-03	0.05	7.41e-03	320,321,333	0.0	0.0	0.0	0,0,0
16171	5.59e-03	0.07	7.09e-03	319,315,333	0.0	0.0	0.0	0,0,0
16172	6.02e-03	0.10	7.69e-03	320,315,333	0.0	0.0	0.0	0,0,0
16173	0.01	0.18	0.01	322,315,333	0.0	0.0	0.0	0,0,0
16174	0.01	0.20	0.02	322,315,333	0.0	0.0	0.0	0,0,0
16175	7.02e-03	5.65e-03	8.66e-03	321,321,333	0.0	0.0	0.0	0,0,0
16176	6.75e-03	0.02	8.31e-03	321,316,333	0.0	0.0	0.0	0,0,0
16177	5.99e-03	0.03	7.44e-03	321,321,333	0.0	0.0	0.0	0,0,0
16178	5.80e-03	0.05	7.29e-03	319,315,333	0.0	0.0	0.0	0,0,0
16179	5.96e-03	0.08	7.55e-03	319,315,333	0.0	0.0	0.0	0,0,0
16180	6.51e-03	0.10	8.31e-03	319,315,333	0.0	0.0	0.0	0,0,0
16181	0.01	0.17	0.02	320,315,333	0.0	0.0	0.0	0,0,0
16182	0.01	0.18	0.02	322,315,333	0.0	0.0	0.0	0,0,0
16183	6.26e-03	5.05e-03	7.80e-03	319,319,333	0.0	0.0	0.0	0,0,0
16184	6.12e-03	0.01	7.64e-03	319,315,333	0.0	0.0	0.0	0,0,0
16185	5.77e-03	0.03	7.24e-03	319,321,333	0.0	0.0	0.0	0,0,0
16186	5.70e-03	0.05	7.15e-03	319,315,333	0.0	0.0	0.0	0,0,0
16187	6.02e-03	0.08	7.60e-03	319,315,333	0.0	0.0	0.0	0,0,0
16188	6.69e-03	0.10	8.50e-03	319,315,333	0.0	0.0	0.0	0,0,0
16189	0.01	0.15	0.02	320,315,333	0.0	0.0	0.0	0,0,0
16190	0.01	0.16	0.02	320,315,333	0.0	0.0	0.0	0,0,0
16191	0.19	0.64	0.20	322,321,333	0.0	0.0	0.0	0,0,0
16192	0.04	0.36	0.05	321,301,333	0.0	0.0	0.0	0,0,0
16193	0.03	0.06	0.03	321,315,333	0.0	0.0	0.0	0,0,0
16194	0.02	0.02	0.03	321,305,333	0.0	0.0	0.0	0,0,0
16195	0.03	0.02	0.03	301,302,333	0.0	0.0	0.0	0,0,0
16196	0.07	0.23	0.10	302,302,333	0.0	0.0	0.0	0,0,0
16197	0.04	0.12	0.06	302,301,333	0.0	0.0	0.0	0,0,0
16198	0.02	0.05	0.03	301,301,333	0.0	0.0	0.0	0,0,0
16199	0.03	0.53	0.04	321,305,333	0.0	0.0	0.0	0,0,0
16200	0.12	0.12	0.12	305,305,333	0.0	0.0	0.0	0,0,0
16201	0.14	0.26	0.17	315,321,333	0.0	0.0	0.0	0,0,0
16202	0.18	0.34	0.22	315,321,333	0.0	0.0	0.0	0,0,0
16203	0.17	0.37	0.21	301,321,333	0.0	0.0	0.0	0,0,0
16204	0.16	0.38	0.19	301,321,333	0.0	0.0	0.0	0,0,0
16205	0.05	0.16	0.07	302,302,333	0.0	0.0	0.0	0,0,0
16206	0.03	0.09	0.03	301,301,333	0.0	0.0	0.0	0,0,0
16207	0.08	0.40	0.11	302,321,333	0.0	0.0	0.0	0,0,0
16208	0.14	0.36	0.16	319,319,334	0.0	0.0	0.0	0,0,0
16209	0.37	0.66	0.41	319,319,333	0.26	0.23	0.22	319,325,333
16210	0.44	0.81	0.50	319,319,333	0.31	0.32	0.30	319,325,333
16211	0.43	0.61	0.44	305,305,333	0.24	0.20	0.0	305,325,0
16212	0.27	0.46	0.22	305,305,333	0.0	0.0	0.0	0,0,0
16213	0.03	0.22	0.03	302,301,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16214	0.04	0.12	0.04	315,301,334	0.0	0.0	0.0	0,0,0
16215	0.05	0.25	0.06	302,305,333	0.0	0.0	0.0	0,0,0
16216	0.08	0.24	0.10	301,306,333	0.0	0.0	0.0	0,0,0
16217	0.02	0.04	0.02	305,301,333	0.0	0.0	0.0	0,0,0
16218	0.01	0.02	0.01	322,314,333	0.0	0.0	0.0	0,0,0
16219	7.69e-03	0.06	9.97e-03	321,302,333	0.0	0.0	0.0	0,0,0
16220	0.01	0.16	0.02	315,301,333	0.0	0.0	0.0	0,0,0
16221	0.03	0.16	0.03	315,301,334	0.0	0.0	0.0	0,0,0
16222	0.09	0.13	0.10	315,301,333	0.0	0.0	0.0	0,0,0
16223	0.02	0.10	0.03	322,321,333	0.0	0.0	0.0	0,0,0
16224	0.02	0.03	0.03	302,301,333	0.0	0.0	0.0	0,0,0
16225	0.02	0.02	0.02	305,301,333	0.0	0.0	0.0	0,0,0
16226	0.01	0.02	0.02	316,302,333	0.0	0.0	0.0	0,0,0
16227	0.01	0.05	0.02	315,301,333	0.0	0.0	0.0	0,0,0
16228	0.01	0.09	0.02	315,301,333	0.0	0.0	0.0	0,0,0
16229	0.02	0.08	0.03	315,301,334	0.0	0.0	0.0	0,0,0
16230	0.05	0.04	0.06	315,307,333	0.0	0.0	0.0	0,0,0
16231	0.01	0.10	0.02	322,321,333	0.0	0.0	0.0	0,0,0
16232	0.01	0.02	0.02	306,307,333	0.0	0.0	0.0	0,0,0
16233	0.02	0.01	0.02	322,322,333	0.0	0.0	0.0	0,0,0
16234	0.02	0.01	0.02	322,305,333	0.0	0.0	0.0	0,0,0
16235	0.02	0.03	0.02	322,301,333	0.0	0.0	0.0	0,0,0
16236	0.01	0.03	0.02	316,301,333	0.0	0.0	0.0	0,0,0
16237	0.01	0.03	0.02	315,301,333	0.0	0.0	0.0	0,0,0
16238	0.01	7.81e-03	0.01	315,315,334	0.0	0.0	0.0	0,0,0
16239	0.03	0.08	0.04	321,313,333	0.0	0.0	0.0	0,0,0
16240	0.03	0.03	0.04	321,313,333	0.0	0.0	0.0	0,0,0
16241	0.02	0.02	0.03	322,305,333	0.0	0.0	0.0	0,0,0
16242	0.02	0.02	0.03	322,305,333	0.0	0.0	0.0	0,0,0
16243	0.02	0.03	0.02	316,305,333	0.0	0.0	0.0	0,0,0
16244	0.02	0.02	0.02	316,305,333	0.0	0.0	0.0	0,0,0
16245	0.01	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16246	0.01	8.90e-03	0.01	315,321,333	0.0	0.0	0.0	0,0,0
16247	0.22	0.54	0.25	322,316,333	0.0	0.0	0.0	0,0,0
16248	0.06	0.13	0.07	321,321,333	0.0	0.0	0.0	0,0,0
16249	0.03	0.10	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16250	0.03	0.07	0.03	316,305,333	0.0	0.0	0.0	0,0,0
16251	0.02	0.04	0.03	316,305,333	0.0	0.0	0.0	0,0,0
16252	0.02	0.02	0.02	315,305,333	0.0	0.0	0.0	0,0,0
16253	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16254	0.01	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16255	0.23	0.51	0.26	322,321,333	0.0	0.0	0.0	0,0,0
16256	0.06	0.25	0.07	321,321,333	0.0	0.0	0.0	0,0,0
16257	0.04	0.15	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16258	0.03	0.09	0.04	316,305,333	0.0	0.0	0.0	0,0,0
16259	0.02	0.05	0.03	315,301,333	0.0	0.0	0.0	0,0,0
16260	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16261	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16262	0.01	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16263	0.05	0.23	0.06	321,321,333	0.0	0.0	0.0	0,0,0
16264	0.05	0.18	0.06	321,321,333	0.0	0.0	0.0	0,0,0
16265	0.03	0.13	0.04	321,305,333	0.0	0.0	0.0	0,0,0
16266	0.03	0.08	0.04	316,305,333	0.0	0.0	0.0	0,0,0
16267	0.02	0.05	0.03	315,301,333	0.0	0.0	0.0	0,0,0
16268	0.02	0.02	0.03	316,315,333	0.0	0.0	0.0	0,0,0
16269	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16270	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16271	0.03	0.24	0.03	321,321,333	0.0	0.0	0.0	0,0,0
16272	0.03	0.16	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16273	0.03	0.11	0.03	321,321,333	0.0	0.0	0.0	0,0,0
16274	0.04	0.07	0.05	315,321,333	0.0	0.0	0.0	0,0,0
16275	0.03	0.10	0.03	315,308,333	0.0	0.0	0.0	0,0,0
16276	0.02	0.02	0.03	316,316,333	0.0	0.0	0.0	0,0,0
16277	0.02	0.02	0.02	316,316,333	0.0	0.0	0.0	0,0,0
16278	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16279	0.02	0.23	0.02	321,321,333	0.0	0.0	0.0	0,0,0
16280	0.02	0.13	0.03	321,321,333	0.0	0.0	0.0	0,0,0
16281	0.03	0.06	0.03	315,307,333	0.0	0.0	0.0	0,0,0
16282	0.05	0.05	0.06	315,307,333	0.0	0.0	0.0	0,0,0
16283	0.04	0.11	0.04	308,308,334	0.0	0.0	0.0	0,0,0
16284	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16285	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16286	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16287	0.04	0.20	0.04	305,321,333	0.0	0.0	0.0	0,0,0
16288	0.04	0.03	0.05	321,321,333	0.0	0.0	0.0	0,0,0
16289	0.03	0.02	0.03	321,305,333	0.0	0.0	0.0	0,0,0
16290	0.03	0.02	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16291	0.03	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16292	0.04	0.04	0.05	315,316,333	0.0	0.0	0.0	0,0,0
16293	0.04	0.03	0.05	315,315,333	0.0	0.0	0.0	0,0,0
16294	0.04	0.03	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16295	0.02	0.22	0.02	321,321,333	0.0	0.0	0.0	0,0,0
16296	0.01	0.08	0.02	305,305,333	0.0	0.0	0.0	0,0,0
16297	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16298	0.03	0.02	0.04	315,315,333	0.0	0.0	0.0	0,0,0
16299	0.03	0.02	0.03	301,315,333	0.0	0.0	0.0	0,0,0
16300	0.03	0.02	0.04	315,315,333	0.0	0.0	0.0	0,0,0
16301	0.03	0.02	0.04	315,315,333	0.0	0.0	0.0	0,0,0
16302	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16303	0.02	0.02	0.03	302,306,333	0.0	0.0	0.0	0,0,0
16304	0.02	0.03	0.02	302,306,333	0.0	0.0	0.0	0,0,0
16305	0.01	0.03	0.02	302,306,333	0.0	0.0	0.0	0,0,0
16306	0.01	0.02	0.01	301,306,333	0.0	0.0	0.0	0,0,0
16307	8.80e-03	9.18e-03	0.01	305,306,333	0.0	0.0	0.0	0,0,0
16308	7.03e-03	5.35e-03	9.22e-03	305,305,333	0.0	0.0	0.0	0,0,0
16309	7.20e-03	9.75e-03	9.45e-03	305,308,333	0.0	0.0	0.0	0,0,0
16310	0.02	0.07	0.03	302,302,333	0.0	0.0	0.0	0,0,0
16311	0.02	0.05	0.02	302,302,333	0.0	0.0	0.0	0,0,0
16312	0.01	0.02	0.02	302,306,333	0.0	0.0	0.0	0,0,0
16313	0.01	0.01	0.01	306,306,333	0.0	0.0	0.0	0,0,0
16314	8.63e-03	8.63e-03	0.01	305,306,333	0.0	0.0	0.0	0,0,0
16315	0.01	0.01	0.01	301,302,333	0.0	0.0	0.0	0,0,0
16316	0.01	0.02	0.01	301,302,333	0.0	0.0	0.0	0,0,0
16317	0.02	0.03	0.02	316,302,334	0.0	0.0	0.0	0,0,0
16318	0.01	0.02	0.02	316,302,333	0.0	0.0	0.0	0,0,0
16319	8.06e-03	6.44e-03	0.01	306,306,333	0.0	0.0	0.0	0,0,0
16320	9.19e-03	7.48e-03	0.01	302,302,333	0.0	0.0	0.0	0,0,0
16321	0.01	0.02	0.01	302,302,333	0.0	0.0	0.0	0,0,0
16322	0.01	0.06	0.02	302,302,333	0.0	0.0	0.0	0,0,0
16323	0.03	0.11	0.04	302,302,333	0.0	0.0	0.0	0,0,0
16324	0.07	0.21	0.08	301,302,333	0.0	0.0	0.0	0,0,0
16325	0.01	0.06	0.02	302,302,333	0.0	0.0	0.0	0,0,0
16326	0.01	0.01	0.01	302,302,333	0.0	0.0	0.0	0,0,0
16327	8.32e-03	6.67e-03	0.01	302,302,333	0.0	0.0	0.0	0,0,0
16328	7.75e-03	6.07e-03	0.01	306,306,333	0.0	0.0	0.0	0,0,0
16329	0.01	0.02	0.02	316,302,333	0.0	0.0	0.0	0,0,0
16330	0.03	0.04	0.04	308,302,334	0.0	0.0	0.0	0,0,0
16331	0.04	0.13	0.05	301,307,333	0.0	0.0	0.0	0,0,0
16332	0.01	0.03	0.02	302,308,333	0.0	0.0	0.0	0,0,0
16333	7.79e-03	6.12e-03	0.01	302,302,333	0.0	0.0	0.0	0,0,0
16334	6.73e-03	5.38e-03	8.61e-03	306,302,333	0.0	0.0	0.0	0,0,0
16335	6.92e-03	5.44e-03	8.92e-03	306,306,333	0.0	0.0	0.0	0,0,0
16336	0.01	7.55e-03	0.01	316,316,333	0.0	0.0	0.0	0,0,0
16337	0.02	0.02	0.02	308,302,334	0.0	0.0	0.0	0,0,0
16338	0.03	0.11	0.04	316,308,334	0.0	0.0	0.0	0,0,0
16339	0.02	0.07	0.03	315,308,333	0.0	0.0	0.0	0,0,0
16340	0.02	0.03	0.03	316,308,333	0.0	0.0	0.0	0,0,0
16341	0.03	0.02	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16342	0.02	0.02	0.03	301,301,333	0.0	0.0	0.0	0,0,0
16343	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16344	0.02	0.04	0.02	320,307,334	0.0	0.0	0.0	0,0,0
16345	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16346	0.03	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16347	0.03	0.02	0.04	316,315,333	0.0	0.0	0.0	0,0,0
16348	0.04	0.04	0.05	301,307,333	0.0	0.0	0.0	0,0,0
16349	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16350	0.01	0.01	0.02	321,321,333	0.0	0.0	0.0	0,0,0
16351	0.01	8.86e-03	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16352	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16353	0.03	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16354	0.06	0.03	0.07	301,301,333	0.0	0.0	0.0	0,0,0
16355	0.08	0.13	0.09	301,308,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16356	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16357	0.01	8.84e-03	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16358	9.98e-03	7.68e-03	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16359	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16360	0.02	0.02	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16361	0.04	0.02	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16362	0.05	0.08	0.06	302,302,333	0.0	0.0	0.0	0,0,0
16363	0.02	0.01	0.02	301,315,333	0.0	0.0	0.0	0,0,0
16364	0.01	7.89e-03	0.01	301,301,333	0.0	0.0	0.0	0,0,0
16365	8.36e-03	6.59e-03	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16366	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16367	0.02	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16368	0.01	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16369	0.01	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16370	0.01	9.61e-03	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16371	9.84e-03	7.18e-03	0.01	301,315,333	0.0	0.0	0.0	0,0,0
16372	7.22e-03	5.82e-03	8.92e-03	321,321,333	0.0	0.0	0.0	0,0,0
16373	9.21e-03	6.75e-03	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16374	6.46e-03	5.13e-03	8.57e-03	302,302,333	0.0	0.0	0.0	0,0,0
16375	6.36e-03	5.10e-03	8.12e-03	306,306,333	0.0	0.0	0.0	0,0,0
16376	6.26e-03	4.99e-03	8.00e-03	306,306,333	0.0	0.0	0.0	0,0,0
16377	6.30e-03	5.03e-03	8.20e-03	306,306,333	0.0	0.0	0.0	0,0,0
16378	7.66e-03	5.43e-03	9.83e-03	315,319,333	0.0	0.0	0.0	0,0,0
16379	7.09e-03	4.87e-03	8.84e-03	316,319,333	0.0	0.0	0.0	0,0,0
16380	0.01	7.65e-03	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16381	7.95e-03	6.28e-03	9.98e-03	321,321,333	0.0	0.0	0.0	0,0,0
16382	6.85e-03	5.52e-03	8.88e-03	319,319,333	0.0	0.0	0.0	0,0,0
16383	6.60e-03	5.30e-03	8.53e-03	319,319,333	0.0	0.0	0.0	0,0,0
16384	6.14e-03	4.93e-03	7.88e-03	319,319,333	0.0	0.0	0.0	0,0,0
16385	6.73e-03	5.07e-03	8.57e-03	319,319,333	0.0	0.0	0.0	0,0,0
16386	6.30e-03	4.71e-03	7.92e-03	319,319,333	0.0	0.0	0.0	0,0,0
16387	0.01	9.08e-03	0.01	315,315,333	0.0	0.0	0.0	0,0,0
16388	0.01	7.88e-03	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16389	8.59e-03	6.85e-03	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16390	8.11e-03	6.43e-03	0.01	319,319,333	0.0	0.0	0.0	0,0,0
16391	7.65e-03	6.03e-03	9.83e-03	319,319,333	0.0	0.0	0.0	0,0,0
16392	6.71e-03	5.38e-03	8.39e-03	319,319,333	0.0	0.0	0.0	0,0,0
16393	6.35e-03	4.93e-03	7.91e-03	319,319,333	0.0	0.0	0.0	0,0,0
16394	0.01	0.01	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16395	0.01	9.53e-03	0.02	315,315,333	0.0	0.0	0.0	0,0,0
16396	0.01	8.51e-03	0.01	315,315,333	0.0	0.0	0.0	0,0,0
16397	0.01	7.92e-03	0.01	315,319,333	0.0	0.0	0.0	0,0,0
16398	9.80e-03	7.47e-03	0.01	315,319,333	0.0	0.0	0.0	0,0,0
16399	7.99e-03	6.16e-03	0.01	315,319,333	0.0	0.0	0.0	0,0,0
16400	6.61e-03	5.29e-03	8.18e-03	319,319,333	0.0	0.0	0.0	0,0,0
16415	0.06	0.10	0.07	319,319,334	0.0	0.0	0.0	0,0,0
16416	0.06	0.08	0.08	316,301,334	0.0	0.0	0.0	0,0,0
16417	0.09	0.13	0.11	316,301,334	0.0	0.0	0.0	0,0,0
16418	0.11	0.16	0.13	316,315,334	0.0	0.0	0.0	0,0,0
16419	0.10	0.16	0.13	316,307,334	0.0	0.0	0.0	0,0,0
16420	0.09	0.06	0.11	316,316,333	0.0	0.0	0.0	0,0,0
16421	0.03	0.02	0.04	316,316,334	0.0	0.0	0.0	0,0,0
16422	0.07	0.05	0.08	316,301,333	0.0	0.0	0.0	0,0,0
16423	0.10	0.10	0.13	316,301,333	0.0	0.0	0.0	0,0,0
16424	0.11	0.21	0.14	316,301,333	0.0	0.0	0.0	0,0,0
16425	0.07	0.13	0.09	316,315,334	0.0	0.0	0.0	0,0,0
16426	0.04	0.04	0.05	316,308,334	0.0	0.0	0.0	0,0,0
16427	0.02	0.02	0.02	316,302,334	0.0	0.0	0.0	0,0,0
16428	0.05	0.04	0.06	316,307,334	0.0	0.0	0.0	0,0,0
16429	0.13	0.22	0.16	316,316,334	0.0	0.0	0.0	0,0,0
16470	0.03	0.43	0.04	316,316,334	0.0	0.0	0.0	0,0,0
16471	0.02	0.44	0.03	316,316,334	0.0	0.0	0.0	0,0,0
16472	0.02	0.05	0.03	302,316,333	0.0	0.0	0.0	0,0,0
16474	0.22	0.26	0.27	316,315,333	0.0	0.0	0.0	0,0,0
16475	0.04	0.42	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16483	0.01	0.02	0.01	305,314,333	0.0	0.0	0.0	0,0,0
16484	0.01	0.01	0.01	305,314,333	0.0	0.0	0.0	0,0,0
16485	0.01	0.01	0.01	305,314,333	0.0	0.0	0.0	0,0,0
16486	0.01	0.02	0.01	305,314,333	0.0	0.0	0.0	0,0,0
16487	0.01	0.03	0.02	305,308,333	0.0	0.0	0.0	0,0,0
16488	0.02	0.03	0.02	305,308,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16489	0.02	0.02	0.02	305,313,333	0.0	0.0	0.0	0,0,0
16490	8.28e-03	0.02	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16491	8.58e-03	0.04	0.01	319,321,333	0.0	0.0	0.0	0,0,0
16492	8.52e-03	0.04	0.01	320,321,333	0.0	0.0	0.0	0,0,0
16493	8.43e-03	0.04	0.01	320,315,334	0.0	0.0	0.0	0,0,0
16494	8.37e-03	0.03	0.01	320,316,334	0.0	0.0	0.0	0,0,0
16495	8.15e-03	0.03	0.01	320,316,334	0.0	0.0	0.0	0,0,0
16496	0.01	0.03	0.01	320,316,333	0.0	0.0	0.0	0,0,0
16497	0.01	0.03	0.01	320,316,333	0.0	0.0	0.0	0,0,0
16498	9.00e-03	0.03	0.01	320,315,333	0.0	0.0	0.0	0,0,0
16499	8.43e-03	0.06	0.01	320,315,334	0.0	0.0	0.0	0,0,0
16500	9.37e-03	0.07	0.01	320,321,334	0.0	0.0	0.0	0,0,0
16501	0.01	0.07	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16502	7.03e-03	0.16	8.57e-03	316,316,334	0.0	0.0	0.0	0,0,0
16503	0.01	0.24	0.01	316,322,334	0.0	0.0	0.0	0,0,0
16504	0.01	0.17	0.01	316,322,334	0.0	0.0	0.0	0,0,0
16505	0.01	0.19	0.02	320,322,333	0.0	0.0	0.0	0,0,0
16506	0.08	0.29	0.09	320,322,334	0.0	0.0	0.0	0,0,0
16507	0.04	0.03	0.05	320,320,334	0.0	0.0	0.0	0,0,0
16508	0.01	0.07	0.02	320,306,334	0.0	0.0	0.0	0,0,0
16509	8.13e-03	0.10	9.88e-03	320,322,334	0.0	0.0	0.0	0,0,0
16510	6.16e-03	0.04	7.68e-03	320,316,334	0.0	0.0	0.0	0,0,0
16511	6.80e-03	0.04	8.59e-03	320,316,334	0.0	0.0	0.0	0,0,0
16512	7.24e-03	0.04	9.19e-03	320,315,334	0.0	0.0	0.0	0,0,0
16513	7.57e-03	0.04	9.73e-03	320,315,333	0.0	0.0	0.0	0,0,0
16514	7.82e-03	0.03	0.01	319,315,333	0.0	0.0	0.0	0,0,0
16515	7.45e-03	0.02	9.75e-03	319,321,333	0.0	0.0	0.0	0,0,0
16548	0.12	0.45	0.15	316,316,333	0.0	0.0	0.0	0,0,0
16549	0.23	0.32	0.27	316,316,333	0.0	0.0	0.0	0,0,0
16550	0.21	0.24	0.25	316,316,333	0.0	0.0	0.0	0,0,0
16576	7.86e-03	0.01	0.01	320,321,333	0.0	0.0	0.0	0,0,0
16577	8.79e-03	0.02	0.01	316,321,333	0.0	0.0	0.0	0,0,0
16578	0.01	0.04	0.02	308,321,334	0.0	0.0	0.0	0,0,0
16579	8.43e-03	6.65e-03	0.01	305,305,333	0.0	0.0	0.0	0,0,0
16608	0.07	0.14	0.06	321,319,334	0.0	0.0	0.0	0,0,0
16609	0.03	0.05	0.03	305,305,333	0.0	0.0	0.0	0,0,0
16610	0.03	0.05	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16611	0.04	0.05	0.05	321,321,333	0.0	0.0	0.0	0,0,0
16612	0.05	0.05	0.06	321,321,333	0.0	0.0	0.0	0,0,0
16613	0.07	0.05	0.08	305,321,333	0.0	0.0	0.0	0,0,0
16614	0.11	0.09	0.12	305,321,333	0.0	0.0	0.0	0,0,0
16615	0.22	0.23	0.23	305,305,333	0.0	0.0	0.0	0,0,0
16616	0.16	0.28	0.19	315,305,333	0.0	0.0	0.0	0,0,0
16617	0.07	0.05	0.09	316,316,333	0.0	0.0	0.0	0,0,0
16618	0.07	0.05	0.08	322,316,334	0.0	0.0	0.0	0,0,0
16619	0.07	0.05	0.08	322,322,334	0.0	0.0	0.0	0,0,0
16620	0.08	0.05	0.09	322,322,334	0.0	0.0	0.0	0,0,0
16621	0.08	0.06	0.10	322,322,334	0.0	0.0	0.0	0,0,0
16622	0.09	0.07	0.11	322,322,334	0.0	0.0	0.0	0,0,0
16623	0.10	0.08	0.12	322,322,334	0.0	0.0	0.0	0,0,0
16624	0.37	0.45	0.42	305,305,333	0.18	0.0	0.0	305,0,0
16625	0.27	0.41	0.32	315,315,333	0.0	0.0	0.0	0,0,0
16626	0.11	0.08	0.14	315,315,334	0.0	0.0	0.0	0,0,0
16627	0.08	0.06	0.10	316,316,334	0.0	0.0	0.0	0,0,0
16628	0.07	0.06	0.09	316,316,334	0.0	0.0	0.0	0,0,0
16629	0.07	0.05	0.08	315,305,334	0.0	0.0	0.0	0,0,0
16630	0.15	0.33	0.17	315,305,333	0.0	0.0	0.0	0,0,0
16631	0.20	0.16	0.20	305,305,333	0.0	0.0	0.0	0,0,0
16632	0.16	0.10	0.19	321,315,333	0.0	0.0	0.0	0,0,0
16633	0.09	0.07	0.11	315,315,333	0.0	0.0	0.0	0,0,0
16634	0.08	0.06	0.10	316,316,333	0.0	0.0	0.0	0,0,0
16635	0.07	0.05	0.09	316,316,333	0.0	0.0	0.0	0,0,0
16636	0.06	0.05	0.08	315,315,334	0.0	0.0	0.0	0,0,0
16637	0.07	0.05	0.08	315,315,334	0.0	0.0	0.0	0,0,0
16638	0.08	0.10	0.09	322,319,334	0.0	0.0	0.0	0,0,0
16639	0.08	0.06	0.10	322,322,334	0.0	0.0	0.0	0,0,0
16640	0.08	0.06	0.10	322,322,334	0.0	0.0	0.0	0,0,0
16641	0.08	0.05	0.09	322,322,334	0.0	0.0	0.0	0,0,0
16642	0.07	0.05	0.09	322,322,334	0.0	0.0	0.0	0,0,0
16643	0.07	0.05	0.08	322,316,334	0.0	0.0	0.0	0,0,0
16644	0.07	0.05	0.08	322,316,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16645	0.06	0.05	0.08	316,316,333	0.0	0.0	0.0	0,0,0
16646	0.05	0.04	0.06	322,316,333	0.0	0.0	0.0	0,0,0
16647	0.06	0.04	0.07	322,316,333	0.0	0.0	0.0	0,0,0
16648	0.06	0.05	0.07	322,322,333	0.0	0.0	0.0	0,0,0
16649	0.07	0.05	0.08	322,322,333	0.0	0.0	0.0	0,0,0
16650	0.07	0.05	0.08	322,322,333	0.0	0.0	0.0	0,0,0
16651	0.07	0.05	0.08	322,322,334	0.0	0.0	0.0	0,0,0
16652	0.07	0.05	0.09	322,322,334	0.0	0.0	0.0	0,0,0
16653	0.08	0.13	0.09	322,321,333	0.0	0.0	0.0	0,0,0
16654	0.12	0.09	0.12	305,305,333	0.0	0.0	0.0	0,0,0
16655	0.10	0.06	0.12	305,315,333	0.0	0.0	0.0	0,0,0
16656	0.07	0.05	0.09	316,316,333	0.0	0.0	0.0	0,0,0
16657	0.07	0.05	0.08	316,316,333	0.0	0.0	0.0	0,0,0
16658	0.06	0.05	0.07	316,316,333	0.0	0.0	0.0	0,0,0
16659	0.05	0.04	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16660	0.05	0.04	0.06	321,315,334	0.0	0.0	0.0	0,0,0
16661	0.08	0.10	0.08	305,305,333	0.0	0.0	0.0	0,0,0
16662	0.07	0.04	0.08	305,321,333	0.0	0.0	0.0	0,0,0
16663	0.06	0.04	0.07	316,316,333	0.0	0.0	0.0	0,0,0
16664	0.05	0.04	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16665	0.05	0.04	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16666	0.05	0.04	0.05	321,316,333	0.0	0.0	0.0	0,0,0
16667	0.05	0.04	0.05	321,313,334	0.0	0.0	0.0	0,0,0
16668	0.09	0.13	0.10	322,321,333	0.0	0.0	0.0	0,0,0
16669	0.07	0.06	0.08	322,321,333	0.0	0.0	0.0	0,0,0
16670	0.07	0.04	0.08	322,322,333	0.0	0.0	0.0	0,0,0
16671	0.06	0.04	0.07	322,322,333	0.0	0.0	0.0	0,0,0
16672	0.06	0.05	0.07	322,305,333	0.0	0.0	0.0	0,0,0
16673	0.06	0.05	0.07	322,305,333	0.0	0.0	0.0	0,0,0
16674	0.05	0.05	0.06	322,321,333	0.0	0.0	0.0	0,0,0
16675	0.05	0.04	0.05	322,313,333	0.0	0.0	0.0	0,0,0
16676	0.04	0.05	0.04	321,313,333	0.0	0.0	0.0	0,0,0
16677	0.05	0.07	0.05	322,321,333	0.0	0.0	0.0	0,0,0
16678	0.05	0.07	0.06	322,305,333	0.0	0.0	0.0	0,0,0
16679	0.05	0.07	0.06	322,305,333	0.0	0.0	0.0	0,0,0
16680	0.06	0.07	0.07	322,321,333	0.0	0.0	0.0	0,0,0
16681	0.06	0.07	0.07	322,321,333	0.0	0.0	0.0	0,0,0
16682	0.07	0.07	0.09	322,321,333	0.0	0.0	0.0	0,0,0
16683	0.09	0.13	0.10	322,321,333	0.0	0.0	0.0	0,0,0
16684	0.04	0.06	0.03	321,313,333	0.0	0.0	0.0	0,0,0
16685	0.04	0.07	0.04	322,321,333	0.0	0.0	0.0	0,0,0
16686	0.04	0.08	0.05	322,321,333	0.0	0.0	0.0	0,0,0
16687	0.05	0.09	0.06	322,321,333	0.0	0.0	0.0	0,0,0
16688	0.05	0.10	0.07	322,321,333	0.0	0.0	0.0	0,0,0
16689	0.06	0.10	0.08	321,321,333	0.0	0.0	0.0	0,0,0
16690	0.08	0.11	0.09	321,321,333	0.0	0.0	0.0	0,0,0
16691	0.09	0.16	0.10	321,321,333	0.0	0.0	0.0	0,0,0
16692	0.05	0.09	0.03	321,305,333	0.0	0.0	0.0	0,0,0
16693	0.04	0.07	0.03	321,321,333	0.0	0.0	0.0	0,0,0
16694	0.04	0.08	0.05	322,321,333	0.0	0.0	0.0	0,0,0
16695	0.05	0.10	0.06	321,321,333	0.0	0.0	0.0	0,0,0
16696	0.05	0.11	0.07	321,321,333	0.0	0.0	0.0	0,0,0
16697	0.07	0.11	0.08	321,321,333	0.0	0.0	0.0	0,0,0
16698	0.08	0.13	0.10	321,321,333	0.0	0.0	0.0	0,0,0
16699	0.11	0.18	0.12	305,321,333	0.0	0.0	0.0	0,0,0
16700	0.12	0.13	0.13	305,321,333	0.0	0.0	0.0	0,0,0
16701	0.10	0.10	0.11	305,321,333	0.0	0.0	0.0	0,0,0
16702	0.07	0.08	0.08	305,321,333	0.0	0.0	0.0	0,0,0
16703	0.05	0.07	0.06	321,321,333	0.0	0.0	0.0	0,0,0
16704	0.04	0.07	0.05	321,321,333	0.0	0.0	0.0	0,0,0
16705	0.03	0.06	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16706	0.04	0.07	0.03	321,321,333	0.0	0.0	0.0	0,0,0
16707	0.09	0.19	0.08	321,321,333	0.0	0.0	0.0	0,0,0
16708	0.08	0.12	0.07	321,321,333	0.0	0.0	0.0	0,0,0
16709	0.03	0.09	0.02	321,315,333	0.0	0.0	0.0	0,0,0
16710	0.01	0.08	5.98e-03	305,322,333	0.0	0.0	0.0	0,0,0
16711	0.01	0.09	9.16e-03	306,322,333	0.0	0.0	0.0	0,0,0
16712	0.01	0.11	0.01	306,322,333	0.0	0.0	0.0	0,0,0
16713	0.04	0.12	0.03	321,321,333	0.0	0.0	0.0	0,0,0
16714	0.23	0.55	0.24	321,321,333	0.0	0.0	0.0	0,0,0
16715	0.14	0.26	0.13	321,321,334	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16716	0.03	0.06	0.02	321,321,333	0.0	0.0	0.0	0,0,0
16717	0.02	0.06	7.82e-03	321,322,333	0.0	0.0	0.0	0,0,0
16718	0.02	0.07	0.01	306,322,333	0.0	0.0	0.0	0,0,0
16719	0.02	0.08	0.01	306,322,333	0.0	0.0	0.0	0,0,0
16720	0.04	0.10	0.03	321,321,333	0.0	0.0	0.0	0,0,0
16721	0.22	0.57	0.22	321,321,333	0.0	0.0	0.0	0,0,0
16722	0.04	0.05	0.04	321,313,334	0.0	0.0	0.0	0,0,0
16723	0.04	0.04	0.04	321,313,334	0.0	0.0	0.0	0,0,0
16724	0.04	0.03	0.04	322,316,333	0.0	0.0	0.0	0,0,0
16725	0.04	0.03	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16726	0.04	0.03	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16727	0.05	0.05	0.05	305,305,333	0.0	0.0	0.0	0,0,0
16728	0.07	0.10	0.06	321,305,333	0.0	0.0	0.0	0,0,0
16729	0.04	0.05	0.03	321,313,333	0.0	0.0	0.0	0,0,0
16730	0.03	0.04	0.03	321,313,333	0.0	0.0	0.0	0,0,0
16731	0.03	0.02	0.03	306,313,333	0.0	0.0	0.0	0,0,0
16732	0.03	0.02	0.03	306,306,333	0.0	0.0	0.0	0,0,0
16733	0.03	0.02	0.03	306,306,333	0.0	0.0	0.0	0,0,0
16734	0.04	0.05	0.04	321,308,333	0.0	0.0	0.0	0,0,0
16735	0.05	0.09	0.05	321,305,333	0.0	0.0	0.0	0,0,0
16736	0.06	0.07	0.04	321,321,334	0.0	0.0	0.0	0,0,0
16737	0.04	0.05	0.02	321,315,333	0.0	0.0	0.0	0,0,0
16738	0.02	0.05	0.02	321,314,333	0.0	0.0	0.0	0,0,0
16739	0.02	0.08	0.02	306,322,333	0.0	0.0	0.0	0,0,0
16740	0.02	0.10	0.02	306,322,333	0.0	0.0	0.0	0,0,0
16741	0.05	0.11	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16742	0.07	0.13	0.05	321,321,333	0.0	0.0	0.0	0,0,0
16743	0.25	0.55	0.25	305,305,333	0.0	0.0	0.0	0,0,0
16744	0.22	0.54	0.20	305,322,333	0.0	0.0	0.0	0,0,0
16745	0.29	0.63	0.35	316,316,333	0.20	0.22	0.21	316,323,333
16747	0.29	0.49	0.35	315,301,333	0.15	0.16	0.15	301,325,333
16748	0.14	0.27	0.16	319,319,333	0.0	0.0	0.0	0,0,0
16749	0.39	0.43	0.45	319,319,333	0.13	0.12	0.12	319,325,333
16750	0.65	0.61	0.77	319,319,333	0.21	0.20	0.20	319,332,333
16751	0.07	0.51	0.03	322,322,333	0.21	0.19	0.0	320,326,0
16752	0.07	0.18	0.05	321,321,334	0.0	0.0	0.0	0,0,0
16753	0.06	0.11	0.04	321,319,334	0.0	0.0	0.0	0,0,0
16754	0.04	0.08	0.02	321,321,334	0.0	0.0	0.0	0,0,0
16755	0.03	0.08	0.01	321,321,333	0.0	0.0	0.0	0,0,0
16756	0.04	0.10	0.02	305,321,333	0.0	0.0	0.0	0,0,0
16757	0.07	0.18	0.03	321,321,333	0.0	0.0	0.0	0,0,0
16758	0.17	0.47	0.20	320,319,333	0.0	0.0	0.0	0,0,0
16759	0.09	0.19	0.06	321,322,334	0.0	0.0	0.0	0,0,0
16760	0.08	0.15	0.05	321,321,334	0.0	0.0	0.0	0,0,0
16761	0.06	0.11	0.04	321,321,334	0.0	0.0	0.0	0,0,0
16762	0.04	0.10	0.02	321,321,334	0.0	0.0	0.0	0,0,0
16763	0.03	0.09	0.02	321,321,333	0.0	0.0	0.0	0,0,0
16764	0.04	0.10	0.03	305,321,333	0.0	0.0	0.0	0,0,0
16765	0.06	0.16	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16766	0.32	0.78	0.30	321,321,334	0.34	0.21	0.0	321,330,0
16767	0.17	0.30	0.13	321,321,334	0.0	0.0	0.0	0,0,0
16768	0.15	0.27	0.12	321,321,334	0.0	0.0	0.0	0,0,0
16769	0.08	0.17	0.07	321,321,334	0.0	0.0	0.0	0,0,0
16770	0.05	0.16	0.05	321,321,334	0.0	0.0	0.0	0,0,0
16771	0.05	0.16	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16772	0.06	0.17	0.04	305,321,333	0.0	0.0	0.0	0,0,0
16773	0.07	0.17	0.05	321,321,333	0.0	0.0	0.0	0,0,0
16774	0.07	0.18	0.05	321,321,333	0.0	0.0	0.0	0,0,0
16775	0.05	0.11	0.05	321,321,333	0.0	0.0	0.0	0,0,0
16776	0.07	0.18	0.06	321,321,333	0.0	0.0	0.0	0,0,0
16819	0.04	0.03	0.05	315,315,333	0.0	0.0	0.0	0,0,0
16820	0.04	0.07	0.05	315,315,333	0.0	0.0	0.0	0,0,0
16821	0.04	0.06	0.05	315,315,333	0.0	0.0	0.0	0,0,0
16822	0.03	0.04	0.04	316,315,333	0.0	0.0	0.0	0,0,0
16823	0.03	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16824	0.03	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16825	0.04	0.03	0.04	316,315,333	0.0	0.0	0.0	0,0,0
16826	0.03	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16827	0.03	0.06	0.04	316,315,333	0.0	0.0	0.0	0,0,0
16828	0.04	0.12	0.05	315,315,333	0.0	0.0	0.0	0,0,0
16829	0.04	0.15	0.05	315,321,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16830	0.05	0.18	0.06	316,315,333	0.0	0.0	0.0	0,0,0
16831	0.06	0.34	0.07	315,316,333	0.0	0.0	0.0	0,0,0
16832	0.05	0.28	0.06	315,315,333	0.0	0.0	0.0	0,0,0
16833	0.04	0.19	0.05	315,315,333	0.0	0.0	0.0	0,0,0
16834	0.03	0.09	0.04	316,315,333	0.0	0.0	0.0	0,0,0
16835	0.03	0.07	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16836	0.05	0.10	0.07	316,316,333	0.0	0.0	0.0	0,0,0
16837	0.03	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16838	0.03	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16839	0.03	0.05	0.04	316,308,333	0.0	0.0	0.0	0,0,0
16840	0.04	0.08	0.05	316,307,333	0.0	0.0	0.0	0,0,0
16841	0.04	0.12	0.05	316,313,333	0.0	0.0	0.0	0,0,0
16842	0.06	0.15	0.08	316,321,333	0.0	0.0	0.0	0,0,0
16843	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16844	0.04	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16845	0.06	0.13	0.08	316,316,333	0.0	0.0	0.0	0,0,0
16846	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16847	0.03	0.02	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16848	0.03	0.02	0.03	316,316,333	0.0	0.0	0.0	0,0,0
16849	0.03	0.02	0.03	316,316,334	0.0	0.0	0.0	0,0,0
16850	0.05	0.06	0.07	308,308,334	0.0	0.0	0.0	0,0,0
16851	9.40e-03	8.27e-03	0.01	305,314,333	0.0	0.0	0.0	0,0,0
16852	0.01	0.02	0.01	305,314,333	0.0	0.0	0.0	0,0,0
16853	0.05	0.12	0.05	314,314,334	0.0	0.0	0.0	0,0,0
16854	0.02	0.02	0.03	308,314,334	0.0	0.0	0.0	0,0,0
16855	0.02	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
16856	0.02	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
16857	0.17	0.41	0.20	316,315,333	0.12	0.11	0.10	315,323,333
16858	0.08	0.15	0.10	316,315,333	0.0	0.0	0.0	0,0,0
16859	0.06	0.08	0.07	322,315,334	0.0	0.0	0.0	0,0,0
16860	0.05	0.04	0.06	322,322,334	0.0	0.0	0.0	0,0,0
16861	0.06	0.04	0.07	316,316,334	0.0	0.0	0.0	0,0,0
16862	0.08	0.06	0.10	316,316,334	0.0	0.0	0.0	0,0,0
16863	0.14	0.20	0.17	316,315,333	0.0	0.0	0.0	0,0,0
16864	0.08	0.17	0.10	316,315,333	0.0	0.0	0.0	0,0,0
16865	0.06	0.13	0.08	316,315,334	0.0	0.0	0.0	0,0,0
16866	0.05	0.05	0.07	316,316,334	0.0	0.0	0.0	0,0,0
16867	0.05	0.04	0.07	316,316,334	0.0	0.0	0.0	0,0,0
16868	0.07	0.05	0.09	316,316,334	0.0	0.0	0.0	0,0,0
16869	0.16	0.18	0.20	315,315,333	0.0	0.0	0.0	0,0,0
16870	0.08	0.18	0.10	316,315,333	0.0	0.0	0.0	0,0,0
16871	0.06	0.14	0.07	316,315,334	0.0	0.0	0.0	0,0,0
16872	0.05	0.05	0.06	316,316,334	0.0	0.0	0.0	0,0,0
16873	0.05	0.04	0.06	316,315,334	0.0	0.0	0.0	0,0,0
16874	0.05	0.05	0.07	316,315,334	0.0	0.0	0.0	0,0,0
16875	0.16	0.22	0.19	315,315,333	0.0	0.0	0.0	0,0,0
16876	0.06	0.17	0.08	316,315,333	0.0	0.0	0.0	0,0,0
16877	0.04	0.13	0.05	316,315,333	0.0	0.0	0.0	0,0,0
16878	0.04	0.07	0.05	316,315,333	0.0	0.0	0.0	0,0,0
16879	0.04	0.07	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16880	0.05	0.13	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16881	0.08	0.16	0.10	316,316,333	0.0	0.0	0.0	0,0,0
16882	0.09	0.06	0.11	316,316,333	0.0	0.0	0.0	0,0,0
16883	0.27	0.27	0.33	316,315,333	0.07	0.07	0.06	316,323,333
16884	0.17	0.15	0.21	316,302,333	0.0	0.0	0.0	0,0,0
16885	0.13	0.11	0.15	316,316,333	0.0	0.0	0.0	0,0,0
16886	0.28	0.38	0.34	316,316,333	0.0	0.0	0.0	0,0,0
16887	0.03	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
16888	9.95e-03	0.01	0.01	305,314,333	0.0	0.0	0.0	0,0,0
16889	0.15	0.10	0.18	316,316,333	0.0	0.0	0.0	0,0,0
16890	0.11	0.07	0.13	316,316,333	0.0	0.0	0.0	0,0,0
16891	0.06	0.47	0.08	308,316,334	0.0	0.0	0.0	0,0,0
16892	0.04	0.29	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16893	0.04	0.19	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16894	0.02	0.10	0.03	316,316,333	0.0	0.0	0.0	0,0,0
16895	0.04	0.10	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16896	0.03	0.16	0.03	316,302,334	0.0	0.0	0.0	0,0,0
16897	0.02	0.15	0.03	316,302,333	0.0	0.0	0.0	0,0,0
16898	0.02	0.13	0.03	316,302,333	0.0	0.0	0.0	0,0,0
16899	0.02	0.07	0.03	316,302,333	0.0	0.0	0.0	0,0,0
16910	0.01	0.02	0.01	305,314,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16911	0.01	0.02	0.02	305,308,333	0.0	0.0	0.0	0,0,0
16912	0.02	0.02	0.02	305,308,333	0.0	0.0	0.0	0,0,0
16913	0.02	0.01	0.02	305,305,333	0.0	0.0	0.0	0,0,0
16914	0.02	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
16915	0.05	0.05	0.07	316,316,334	0.0	0.0	0.0	0,0,0
16916	0.04	0.03	0.06	316,316,334	0.0	0.0	0.0	0,0,0
16917	0.06	0.08	0.07	316,316,334	0.0	0.0	0.0	0,0,0
16918	0.09	0.21	0.11	316,316,333	0.0	0.0	0.0	0,0,0
16919	0.15	0.52	0.18	316,316,333	0.34	0.32	0.31	316,326,333
16920	0.05	0.05	0.06	316,316,334	0.0	0.0	0.0	0,0,0
16921	0.05	0.05	0.06	316,316,334	0.0	0.0	0.0	0,0,0
16922	0.06	0.14	0.07	316,316,333	0.0	0.0	0.0	0,0,0
16923	0.09	0.30	0.11	316,316,333	0.0	0.0	0.0	0,0,0
16924	0.14	0.30	0.17	316,316,333	0.0	0.0	0.0	0,0,0
16925	0.04	0.06	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16926	0.04	0.06	0.05	316,316,334	0.0	0.0	0.0	0,0,0
16927	0.05	0.14	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16928	0.08	0.22	0.10	316,316,333	0.0	0.0	0.0	0,0,0
16929	0.17	0.23	0.21	316,316,333	0.0	0.0	0.0	0,0,0
16930	0.24	0.32	0.30	316,302,333	0.10	0.09	0.09	302,323,333
16931	0.06	0.20	0.07	316,316,333	0.0	0.0	0.0	0,0,0
16932	0.03	0.13	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16933	0.03	0.08	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16934	0.03	0.08	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16935	0.03	0.11	0.04	321,321,333	0.0	0.0	0.0	0,0,0
16936	0.03	0.05	0.04	305,321,333	0.0	0.0	0.0	0,0,0
16937	0.03	0.04	0.04	302,315,333	0.0	0.0	0.0	0,0,0
16938	0.03	0.02	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16939	0.06	0.10	0.07	301,308,333	0.0	0.0	0.0	0,0,0
16940	0.02	0.02	0.03	305,305,333	0.0	0.0	0.0	0,0,0
16941	0.04	0.06	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16942	0.03	0.03	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16943	0.05	0.08	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16944	0.08	0.22	0.10	316,316,333	0.0	0.0	0.0	0,0,0
16945	0.13	0.53	0.16	316,316,333	0.17	0.17	0.17	316,323,333
16946	0.15	0.47	0.19	316,316,333	0.36	0.33	0.33	315,323,333
16947	0.04	0.06	0.05	316,302,333	0.0	0.0	0.0	0,0,0
16948	0.03	0.05	0.04	316,302,333	0.0	0.0	0.0	0,0,0
16949	0.05	0.14	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16950	0.10	0.27	0.12	316,316,333	0.0	0.0	0.0	0,0,0
16951	0.14	0.32	0.18	316,316,333	0.0	0.0	0.0	0,0,0
16952	0.16	0.32	0.19	316,302,333	0.0	0.0	0.0	0,0,0
16953	0.04	0.09	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16954	0.03	0.10	0.03	316,316,333	0.0	0.0	0.0	0,0,0
16955	0.04	0.15	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16956	0.05	0.20	0.06	316,316,333	0.0	0.0	0.0	0,0,0
16957	0.16	0.30	0.20	316,315,333	0.0	0.0	0.0	0,0,0
16958	0.32	0.47	0.39	316,315,333	0.15	0.15	0.15	315,327,334
16959	0.20	0.31	0.25	316,315,333	0.0	0.0	0.0	0,0,0
16960	0.17	0.28	0.21	316,315,333	0.0	0.0	0.0	0,0,0
16961	0.08	0.23	0.10	316,316,333	0.0	0.0	0.0	0,0,0
16962	0.04	0.14	0.05	316,316,333	0.0	0.0	0.0	0,0,0
16963	0.03	0.09	0.04	316,301,333	0.0	0.0	0.0	0,0,0
16964	0.03	0.08	0.04	316,301,333	0.0	0.0	0.0	0,0,0
16965	0.11	0.17	0.13	316,316,333	0.0	0.0	0.0	0,0,0
16966	0.12	0.12	0.15	316,302,333	0.0	0.0	0.0	0,0,0
16967	0.12	0.09	0.15	316,302,333	0.0	0.0	0.0	0,0,0
16968	0.32	0.37	0.39	316,316,333	0.11	0.10	0.10	316,327,334
16969	0.21	0.28	0.26	316,316,333	0.0	0.0	0.0	0,0,0
16970	0.15	0.21	0.18	316,302,333	0.0	0.0	0.0	0,0,0
16971	0.26	0.47	0.31	316,316,333	0.0	0.0	0.0	0,0,0
16972	0.16	0.56	0.17	322,321,333	0.0	0.0	0.0	0,0,0
16973	0.04	0.28	0.05	321,321,333	0.0	0.0	0.0	0,0,0
16974	0.15	0.10	0.18	316,316,333	0.0	0.0	0.0	0,0,0
16975	0.08	0.15	0.10	320,316,333	0.0	0.0	0.0	0,0,0
16976	0.12	0.23	0.15	316,316,333	0.0	0.0	0.0	0,0,0
16977	0.13	0.26	0.16	316,316,333	0.0	0.0	0.0	0,0,0
16978	0.15	0.17	0.18	316,316,333	0.0	0.0	0.0	0,0,0
17042	0.18	0.25	0.22	316,302,333	0.0	0.0	0.0	0,0,0
17043	0.14	0.25	0.17	316,316,333	0.0	0.0	0.0	0,0,0
17044	0.24	0.81	0.31	316,316,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
17045	0.25	0.81	0.31	316,316,333	0.31	0.0	0.0	316,0,0
17046	0.07	0.31	0.09	302,301,333	0.0	0.0	0.0	0,0,0
17047	0.06	0.46	0.07	302,301,333	0.0	0.0	0.0	0,0,0
17048	0.09	0.29	0.11	302,316,333	0.0	0.0	0.0	0,0,0
17049	0.07	0.09	0.08	302,302,333	0.0	0.0	0.0	0,0,0
17050	0.05	0.09	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17051	0.05	0.52	0.06	302,301,333	0.0	0.0	0.0	0,0,0
17052	0.04	0.54	0.05	302,301,333	0.0	0.0	0.0	0,0,0
17053	0.03	0.11	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17054	0.04	0.55	0.04	302,301,333	0.0	0.0	0.0	0,0,0
17055	0.03	0.56	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17056	0.02	0.14	0.02	302,302,333	0.0	0.0	0.0	0,0,0
17057	0.01	0.17	0.02	306,302,333	0.0	0.0	0.0	0,0,0
17058	0.04	0.62	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17059	0.02	0.59	0.03	308,302,334	0.0	0.0	0.0	0,0,0
17060	0.03	0.57	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17061	0.02	0.22	0.02	302,315,333	0.0	0.0	0.0	0,0,0
17062	0.02	0.32	0.02	302,315,333	0.0	0.0	0.0	0,0,0
17063	0.01	0.43	0.02	308,315,334	0.0	0.0	0.0	0,0,0
17064	0.06	0.63	0.07	302,302,333	0.0	0.0	0.0	0,0,0
17065	9.97e-03	0.52	0.01	308,315,334	0.0	0.0	0.0	0,0,0
17066	5.64e-03	0.59	6.79e-03	302,315,333	0.0	0.0	0.0	0,0,0
17067	6.02e-03	0.65	7.26e-03	302,315,333	0.0	0.0	0.0	0,0,0
17068	0.13	0.30	0.16	315,305,333	0.0	0.0	0.0	0,0,0
17069	0.06	0.29	0.08	305,301,333	0.0	0.0	0.0	0,0,0
17070	0.05	0.44	0.06	316,302,333	0.0	0.0	0.0	0,0,0
17071	8.62e-03	0.72	9.23e-03	301,315,333	0.0	0.0	0.0	0,0,0
17072	0.02	0.80	0.02	301,315,333	0.0	0.0	0.0	0,0,0
17073	0.02	0.81	0.02	301,315,333	0.0	0.0	0.0	0,0,0
17074	0.02	0.81	0.03	301,315,333	0.0	0.0	0.0	0,0,0
17075	0.03	0.81	0.03	301,315,333	0.0	0.0	0.0	0,0,0
17076	0.03	0.81	0.03	302,315,333	0.0	0.0	0.0	0,0,0
17077	0.03	0.81	0.03	302,301,333	0.47	0.0	0.0	301,0,0
17078	0.02	0.81	0.03	302,301,333	0.46	0.51	0.0	301,323,0
17079	0.02	0.81	0.02	302,302,333	0.46	0.51	0.0	302,323,0
17080	0.01	0.81	0.01	302,302,333	0.46	0.50	0.0	302,323,0
17081	4.68e-03	0.80	5.50e-03	301,302,333	0.47	0.0	0.0	302,0,0
17082	4.78e-03	0.80	5.62e-03	301,302,333	0.47	0.0	0.0	302,0,0
17083	4.80e-03	0.80	5.63e-03	301,302,333	0.0	0.0	0.0	0,0,0
17084	5.35e-03	0.80	6.06e-03	301,302,333	0.0	0.0	0.0	0,0,0
17085	8.36e-03	0.80	6.83e-03	301,302,333	0.0	0.0	0.0	0,0,0
17086	0.02	0.80	0.02	301,302,333	0.0	0.0	0.0	0,0,0
17087	0.02	0.72	0.02	301,302,333	0.0	0.0	0.0	0,0,0
17088	0.03	0.57	0.03	301,302,333	0.0	0.0	0.0	0,0,0
17089	0.04	0.49	0.04	301,302,333	0.0	0.0	0.0	0,0,0
17090	0.04	0.31	0.04	301,314,333	0.0	0.0	0.0	0,0,0
17091	0.05	0.23	0.04	305,315,333	0.0	0.0	0.0	0,0,0
17093	0.07	0.62	0.08	302,302,333	0.0	0.0	0.0	0,0,0
17094	0.07	0.60	0.09	302,302,333	0.0	0.0	0.0	0,0,0
17095	0.07	0.62	0.09	302,301,333	0.0	0.0	0.0	0,0,0
17096	0.07	0.66	0.08	302,302,333	0.0	0.0	0.0	0,0,0
17097	0.07	0.57	0.09	302,302,333	0.0	0.0	0.0	0,0,0
17098	0.08	0.57	0.09	302,301,333	0.0	0.0	0.0	0,0,0
17099	0.06	0.76	0.07	301,301,333	0.0	0.0	0.0	0,0,0
17100	0.06	0.70	0.07	301,301,333	0.0	0.0	0.0	0,0,0
17101	0.05	0.56	0.06	316,302,333	0.0	0.0	0.0	0,0,0
17102	0.05	0.59	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17103	0.05	0.70	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17104	0.06	0.68	0.07	302,302,333	0.0	0.0	0.0	0,0,0
17105	0.03	0.70	0.04	301,302,333	0.0	0.0	0.0	0,0,0
17106	0.05	0.68	0.05	301,302,333	0.0	0.0	0.0	0,0,0
17107	0.05	0.66	0.06	301,302,333	0.0	0.0	0.0	0,0,0
17108	0.06	0.66	0.07	301,302,333	0.0	0.0	0.0	0,0,0
17109	0.06	0.79	0.07	301,301,333	0.0	0.0	0.0	0,0,0
17110	0.06	0.80	0.07	302,301,333	0.0	0.0	0.0	0,0,0
17111	0.05	0.76	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17112	0.05	0.73	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17113	0.05	0.66	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17114	0.08	0.80	0.10	316,302,333	0.40	0.42	0.41	302,323,333
17115	0.08	0.80	0.10	302,316,333	0.33	0.35	0.34	316,323,333
17116	0.02	0.80	0.02	307,316,334	0.36	0.41	0.40	316,323,333

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
17117	0.02	0.77	0.02	302,316,333	0.30	0.33	0.32	316,323,333
17118	0.02	0.72	0.02	302,316,333	0.0	0.0	0.0	0,0,0
17119	0.02	0.67	0.02	305,302,333	0.0	0.0	0.0	0,0,0
17120	0.02	0.50	0.03	301,302,333	0.0	0.0	0.0	0,0,0
17121	0.03	0.36	0.04	301,302,333	0.0	0.0	0.0	0,0,0
17122	0.09	0.13	0.11	301,302,333	0.0	0.0	0.0	0,0,0
17123	0.07	0.18	0.08	301,302,333	0.0	0.0	0.0	0,0,0
17124	0.05	0.25	0.06	301,302,333	0.0	0.0	0.0	0,0,0
17125	0.11	0.09	0.14	301,301,333	0.0	0.0	0.0	0,0,0
17126	0.13	0.81	0.16	315,315,333	0.44	0.41	0.40	315,325,333
17127	0.10	0.71	0.12	316,315,333	0.35	0.29	0.28	321,325,333
17128	0.08	0.72	0.10	316,319,333	0.0	0.0	0.0	0,0,0
17129	0.13	0.10	0.16	301,301,333	0.0	0.0	0.0	0,0,0
17130	0.14	0.11	0.17	301,301,333	0.0	0.0	0.0	0,0,0
17131	0.17	0.14	0.21	301,301,333	0.0	0.0	0.0	0,0,0
17132	0.18	0.15	0.22	301,301,333	0.0	0.0	0.0	0,0,0
17133	0.15	0.12	0.19	301,301,333	0.0	0.0	0.0	0,0,0
17134	0.16	0.13	0.20	301,301,333	0.0	0.0	0.0	0,0,0
17135	0.19	0.16	0.24	302,302,333	0.0	0.0	0.0	0,0,0
17136	0.20	0.16	0.25	301,301,333	0.0	0.0	0.0	0,0,0
17137	0.07	0.57	0.08	302,315,333	0.0	0.0	0.0	0,0,0
17138	0.09	0.35	0.10	302,301,333	0.0	0.0	0.0	0,0,0
17139	0.19	0.16	0.24	301,301,333	0.0	0.0	0.0	0,0,0
17140	0.18	0.15	0.23	307,307,333	0.0	0.0	0.0	0,0,0
17141	0.20	0.16	0.25	301,301,333	0.0	0.0	0.0	0,0,0
17142	0.20	0.17	0.25	301,301,333	0.0	0.0	0.0	0,0,0
17143	0.20	0.17	0.25	301,301,333	0.0	0.0	0.0	0,0,0
17144	0.20	0.17	0.25	301,301,333	0.0	0.0	0.0	0,0,0
17145	0.18	0.15	0.23	302,302,333	0.0	0.0	0.0	0,0,0
17146	0.17	0.14	0.21	302,302,333	0.0	0.0	0.0	0,0,0
17147	0.16	0.13	0.20	302,302,333	0.0	0.0	0.0	0,0,0
17148	0.15	0.18	0.18	302,301,333	0.0	0.0	0.0	0,0,0
17149	0.12	0.27	0.14	302,301,333	0.0	0.0	0.0	0,0,0
17150	0.06	0.78	0.07	316,302,333	0.32	0.36	0.35	302,323,333
17151	0.02	0.81	0.03	301,316,333	0.37	0.42	0.41	316,323,333
17152	0.03	0.75	0.04	302,316,333	0.31	0.36	0.35	316,323,333
17153	0.03	0.74	0.04	302,316,333	0.0	0.0	0.0	0,0,0
17154	0.03	0.71	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17155	0.03	0.67	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17156	0.03	0.63	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17157	0.03	0.57	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17158	0.06	0.39	0.08	301,302,333	0.0	0.0	0.0	0,0,0
17159	0.05	0.45	0.06	301,302,333	0.0	0.0	0.0	0,0,0
17160	0.04	0.51	0.04	301,302,333	0.0	0.0	0.0	0,0,0
17161	0.08	0.32	0.10	301,302,333	0.0	0.0	0.0	0,0,0
17162	0.15	0.73	0.18	316,315,333	0.0	0.0	0.0	0,0,0
17163	0.09	0.64	0.11	316,315,333	0.0	0.0	0.0	0,0,0
17164	0.07	0.58	0.09	316,315,333	0.0	0.0	0.0	0,0,0
17165	0.09	0.29	0.12	301,302,333	0.0	0.0	0.0	0,0,0
17166	0.10	0.27	0.12	301,302,333	0.0	0.0	0.0	0,0,0
17167	0.12	0.14	0.15	301,308,333	0.0	0.0	0.0	0,0,0
17168	0.13	0.15	0.16	301,302,333	0.0	0.0	0.0	0,0,0
17169	0.11	0.24	0.14	301,302,333	0.0	0.0	0.0	0,0,0
17170	0.12	0.19	0.15	301,302,333	0.0	0.0	0.0	0,0,0
17171	0.13	0.28	0.16	302,301,333	0.0	0.0	0.0	0,0,0
17172	0.14	0.23	0.17	301,301,333	0.0	0.0	0.0	0,0,0
17173	0.06	0.54	0.07	302,301,333	0.0	0.0	0.0	0,0,0
17174	0.06	0.56	0.08	302,301,333	0.0	0.0	0.0	0,0,0
17175	0.13	0.18	0.16	301,302,333	0.0	0.0	0.0	0,0,0
17176	0.13	0.17	0.16	301,302,333	0.0	0.0	0.0	0,0,0
17177	0.14	0.17	0.17	301,302,333	0.0	0.0	0.0	0,0,0
17178	0.14	0.16	0.17	301,302,333	0.0	0.0	0.0	0,0,0
17179	0.14	0.18	0.17	301,301,333	0.0	0.0	0.0	0,0,0
17180	0.14	0.20	0.17	301,301,333	0.0	0.0	0.0	0,0,0
17181	0.13	0.35	0.16	302,301,333	0.0	0.0	0.0	0,0,0
17182	0.12	0.41	0.15	302,301,333	0.0	0.0	0.0	0,0,0
17183	0.11	0.47	0.13	302,301,333	0.0	0.0	0.0	0,0,0
17184	0.10	0.58	0.12	302,301,333	0.0	0.0	0.0	0,0,0
17185	0.08	0.58	0.10	302,301,333	0.0	0.0	0.0	0,0,0
17186	0.10	0.46	0.13	316,302,333	0.0	0.0	0.0	0,0,0
17187	0.09	0.42	0.12	316,302,333	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
17188	0.07	0.62	0.08	302,302,333	0.0	0.0	0.0	0,0,0
17189	0.06	0.65	0.07	302,302,333	0.0	0.0	0.0	0,0,0
17190	0.05	0.68	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17191	0.04	0.67	0.05	302,302,333	0.0	0.0	0.0	0,0,0
17192	0.04	0.62	0.05	302,302,333	0.0	0.0	0.0	0,0,0
17193	0.03	0.58	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17194	0.04	0.60	0.04	301,302,333	0.0	0.0	0.0	0,0,0
17195	0.03	0.59	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17196	0.03	0.58	0.04	302,302,333	0.0	0.0	0.0	0,0,0
17197	0.05	0.58	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17198	0.09	0.33	0.11	315,305,333	0.0	0.0	0.0	0,0,0
17199	0.06	0.35	0.07	301,301,333	0.0	0.0	0.0	0,0,0
17200	0.05	0.46	0.07	315,302,333	0.0	0.0	0.0	0,0,0
17201	0.06	0.57	0.08	302,302,333	0.0	0.0	0.0	0,0,0
17202	0.07	0.56	0.08	302,302,333	0.0	0.0	0.0	0,0,0
17203	0.07	0.52	0.09	302,301,333	0.0	0.0	0.0	0,0,0
17204	0.07	0.56	0.08	302,302,333	0.0	0.0	0.0	0,0,0
17205	0.07	0.53	0.08	302,302,333	0.0	0.0	0.0	0,0,0
17206	0.07	0.48	0.09	302,301,333	0.0	0.0	0.0	0,0,0
17207	0.06	0.67	0.07	301,301,333	0.0	0.0	0.0	0,0,0
17208	0.06	0.58	0.07	301,301,333	0.0	0.0	0.0	0,0,0
17209	0.05	0.57	0.06	302,302,333	0.0	0.0	0.0	0,0,0
17210	0.05	0.60	0.05	301,302,333	0.0	0.0	0.0	0,0,0
17211	0.06	0.59	0.08	301,302,333	0.0	0.0	0.0	0,0,0
17212	0.06	0.58	0.08	301,302,333	0.0	0.0	0.0	0,0,0
17213	0.06	0.58	0.07	302,302,333	0.0	0.0	0.0	0,0,0
17214	0.06	0.56	0.07	301,302,333	0.0	0.0	0.0	0,0,0
17215	0.06	0.52	0.07	301,302,333	0.0	0.0	0.0	0,0,0
17216	0.06	0.51	0.07	301,316,333	0.0	0.0	0.0	0,0,0
17217	0.06	0.74	0.07	301,301,333	0.0	0.0	0.0	0,0,0
17218	0.05	0.74	0.06	302,301,333	0.0	0.0	0.0	0,0,0
17219	0.05	0.73	0.06	302,301,333	0.0	0.0	0.0	0,0,0
17220	0.05	0.71	0.05	302,301,333	0.0	0.0	0.0	0,0,0
17221	0.04	0.65	0.05	301,302,333	0.0	0.0	0.0	0,0,0
17222	0.07	0.23	0.06	321,321,334	0.0	0.0	0.0	0,0,0
17223	0.09	0.30	0.08	321,321,334	0.0	0.0	0.0	0,0,0
17224	0.10	0.35	0.12	301,321,333	0.0	0.0	0.0	0,0,0
17225	0.34	0.68	0.42	315,301,333	0.30	0.24	0.23	301,325,333
17226	0.18	0.37	0.22	315,321,333	0.0	0.0	0.0	0,0,0
17228	0.03	0.08	0.01	305,321,333	0.0	0.0	0.0	0,0,0
17229	0.03	0.10	0.02	321,321,333	0.0	0.0	0.0	0,0,0
17230	0.05	0.17	0.04	321,321,333	0.0	0.0	0.0	0,0,0
17231	0.08	0.26	0.10	316,321,333	0.0	0.0	0.0	0,0,0
17232	0.21	0.18	0.25	316,316,333	0.0	0.0	0.0	0,0,0
17233	0.16	0.10	0.20	316,315,333	0.0	0.0	0.0	0,0,0
17234	0.36	0.80	0.46	316,321,333	0.55	0.50	0.46	321,325,333
17235	0.25	0.31	0.30	316,316,333	0.0	0.0	0.0	0,0,0
17236	0.09	0.46	0.11	316,322,333	0.0	0.0	0.0	0,0,0
17237	0.41	0.80	0.51	316,322,334	0.66	0.60	0.56	322,326,334
17238	0.29	0.33	0.34	316,316,333	0.08	0.0	0.0	316,0,0
17239	0.45	0.80	0.45	322,322,333	0.50	0.47	0.46	322,325,333
17240	0.13	0.16	0.16	321,321,333	0.0	0.0	0.0	0,0,0
17241	0.05	0.29	0.07	316,315,333	0.0	0.0	0.0	0,0,0
17242	0.06	0.13	0.08	321,321,333	0.0	0.0	0.0	0,0,0
17243	0.05	0.36	0.05	322,322,333	0.0	0.0	0.0	0,0,0
17244	0.04	0.06	0.04	316,301,333	0.0	0.0	0.0	0,0,0
17245	0.14	0.12	0.17	321,321,333	0.0	0.0	0.0	0,0,0
17246	0.38	0.80	0.39	322,322,333	0.48	0.48	0.46	315,325,333
17247	0.45	0.80	0.53	321,322,334	0.65	0.59	0.40	322,331,334
17248	0.23	0.16	0.28	316,316,334	0.0	0.0	0.0	0,0,0
17249	0.09	0.57	0.11	315,322,334	0.0	0.0	0.0	0,0,0
17250	0.13	0.12	0.16	316,315,333	0.0	0.0	0.0	0,0,0
17251	0.08	0.37	0.09	316,316,333	0.0	0.0	0.0	0,0,0
17252	0.09	0.06	0.11	316,316,333	0.0	0.0	0.0	0,0,0
17253	0.46	0.81	0.55	321,321,333	0.65	0.59	0.54	321,325,333
17254	0.16	0.12	0.20	315,315,333	0.0	0.0	0.0	0,0,0
17255	0.35	0.64	0.42	316,316,334	0.22	0.23	0.22	316,331,334
17256	0.60	0.80	0.64	322,321,334	0.44	0.46	0.45	316,331,334
17257	0.34	0.59	0.40	316,316,334	0.21	0.22	0.21	316,331,334
17258	0.15	0.37	0.18	316,316,334	0.0	0.0	0.0	0,0,0
17259	0.33	0.57	0.39	316,316,334	0.20	0.21	0.20	316,331,334

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
17260	0.16	0.50	0.18	316,315,334	0.0	0.0	0.0	0,0,0
17261	0.32	0.76	0.38	316,316,334	0.29	0.30	0.29	316,331,334
17262	0.49	0.80	0.53	322,321,334	0.47	0.50	0.49	316,330,334
Setto	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.65	0.81	0.77		0.76	0.71	0.68	

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d, le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

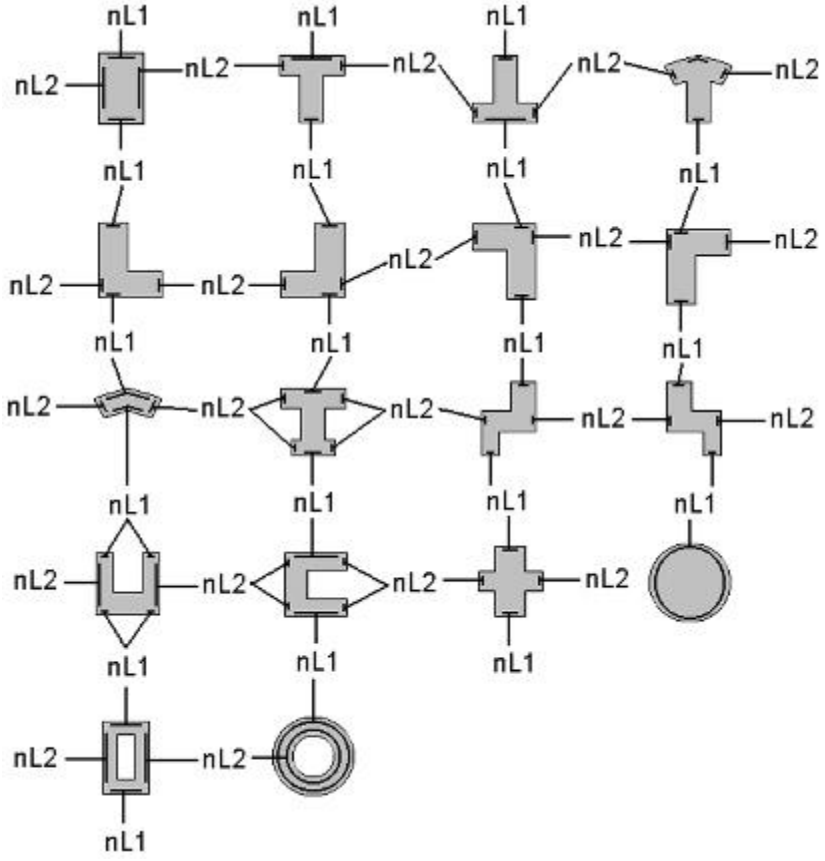
Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

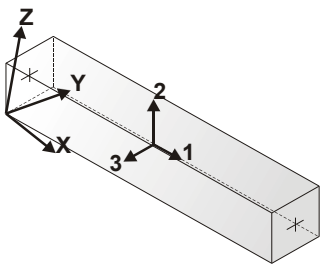
Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze **(G.R.)** vengono riportate le verifiche di sovraresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

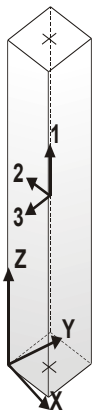
Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali





Orientamento elementi 2D non verticali



Orientamento elementi 2D verticali

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Simbologia adottata nelle tabelle di verifica

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^*: valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto Nsd/Nrd ed Nrd calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche alla G.R. dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	numero identificativo dell'elemento D2 pilastro
sovr. Xi (Xf)	Verifica sovraresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovraresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per le verifiche dei dettagli costruttivi per la duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29
dmu_fi 2-2 (3-3)	Domanda in duttilità di curvatura in direzione 2 (3)
cmu_fi 2-2 (3-3)	Capacità in duttilità di curvatura in direzione 2 (3)
V. dutt. 2-2 (3-3)	Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3)

Per le verifiche nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
Bj2 (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
Hjc2 (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio Vjbd e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effattivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Fattore di sicurezza nei riguardi della verifica di resistenza a compressione (verificato se < 1.00).
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione.
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione.
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione.
ver. (-)	Fattore di sicurezza nei riguardi della verifica di resistenza a trazione (verificato se < 1.00).
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione.
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione.
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione.
AreaV2	Area resistente del nodo in direzione 2 ($A_{j2}=b_{j2}*h_{jc2}$).
AreaV3	Area resistente del nodo in direzione 3 ($A_{j3}=b_{j3}*h_{jc3}$).
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

Per le verifiche alla G.R. delle travi è presente una tabella con i simboli di seguito descritti:

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
VEd, min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
VEd, max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
Vr1	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

Per le verifiche a taglio ciclico di travi e pilastri esistenti è presente una tabella con i simboli di seguito descritti:

Trave/Pilastro	Numero identificativo dell'elemento D2 trave/pilastro

V. SLV	Codice relativo all'esito delle verifiche
Nodo	Numero identificativo del nodo di verifica
Ver. VC	Fattore di sicurezza nei confronti della verifica a taglio ciclico (verificato se < 1.00)
Direz.	Direzione di verifica
N fr	Valore di sforzo normale calcolato con fattore di comportamento fragile
V fr	Valore di taglio calcolato con fattore di comportamento fragile
M fr	Valore di momento calcolato con fattore di comportamento fragile
N dutt	Valore di sforzo normale calcolato con fattore di comportamento duttile
LV	Lunghezza di taglio
Mud,pl	Parte plastica della domanda di duttilità
V cic	Resistenza a taglio in condizioni cicliche (C8.7.2.8)
Cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

Per le verifiche alle T.A. di pilastri e travi è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
M_T Z P P	Numero della travata, quota media pilastrata iniziale e finale (nodo in assenza di pilastrata)
Pilas. o Trave	numero identificativo dell'elemento D2
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m); nella terza riga viene riportato il valore delle snellezze in direzione 2-2 e 3-3
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Quota	Ascissa del punto di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Armat. long.	Numero e diametro dei ferri di armatura longitudinale: ferri di vertice + ferri di lato (come da fig. precedente)
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup	Area di armatura longitudinale posta all'estradosso della trave
Sc max	Massima tensione di compressione del calcestruzzo
Sc med	Massima tensione media di compressione del calcestruzzo
Sf max	Tensione massima nell'acciaio
staffe	Vengono riportati i dati del tratto di staffatura in cui cade la sezione di verifica; in particolare: numero dei bracci, diametro, passo, lunghezza tratto
Tau max	Tensione massima tangenziale nel cls
Rif. comb	Combinazioni in cui si generano i seguenti valori di tensione: Sc max, Sc med, Sf max, Tau max
AfV	area dell'armatura atta ad assorbire le azioni di taglio
AfT	area dell'armatura atta ad assorbire le azioni di torsione
Scorr. P	Scorrimento dei piegati
Af long.	Area del ferro longitudinale aggiuntivo per assorbire la torsione

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
24	TENSIONI E ROTAZIONI RISPETTO ALLA CORDA DI ELEMENTI TRAVE
27	FRECCIA DI ELEMENTI TRAVE
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
68	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
69	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D
120	PROGETTO E VERIFICA DI TRAVI PREM

					M_P= 71	**X=1075.4**	**Y=0.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
			cm						L=cm			
29	s=1,m=5	ok,ok	-80.0	1.01	0.36	4d20 2+2 d20	0.34	0.14	3+3d8/15 L=45	0.09	0.10	128,112,80,80
			130.0	1.01	0.36	4d20 2+2 d20	0.11	0.14	3+3d8/20 L=330	0.09	0.14	57,112,80,80
	[b=1.0;1.0]		340.0	1.01	0.36	4d20 2+2 d20	0.22	0.13	3+3d8/15 L=45	0.09	0.10	48,112,80,80
107	s=1,m=5	ok,ok	340.0	1.01	0.25	4d20 2+2 d20	0.11	0.09	3+3d8/15 L=45	0.07	0.08	112,112,88,80
			529.0	1.01	0.25	4d20 2+2 d20	0.06	0.08	3+3d8/20 L=288	0.07	0.10	87,112,88,80
	[b=1.0;1.0]		718.0	1.01	0.25	4d20 2+2 d20	0.16	0.08	3+3d8/15 L=45	0.07	0.08	56,112,88,80
158	s=1,m=5	ok,ok	718.0	1.01	0.17	4d20 2+2 d20	0.16	0.04	3+3d8/15 L=45	0.07	0.09	144,112,80,81
			906.5	1.01	0.17	4d20 2+2 d20	0.09	0.03	3+3d8/20 L=287	0.07	0.11	128,112,80,81
	[b=1.0;1.0]		1095.0	1.01	0.17	4d20 2+2 d20	0.33	0.03	3+3d8/15 L=45	0.07	0.09	128,112,80,81
					M_P= 76	**X=1075.4**	**Y=377.7**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
30	s=4,m=5	ok,ok	-80.0	0.94	0.52	4d20 2+6 d20	0.40	0.16	3+3d8/15 L=45	0.10	0.15	57,64,57,128
			130.0	0.94	0.52	4d20 2+6 d20	0.20	0.15	3+3d8/20 L=330	0.10	0.20	68,64,57,128
	[b=1.0;1.0]		340.0	0.94	0.52	4d20 2+6 d20	0.20	0.15	3+3d8/15 L=45	0.10	0.15	128,64,57,128
108	s=4,m=5	ok,ok	340.0	0.94	0.41	4d20 2+6 d20	0.17	0.13	3+3d8/15 L=45	0.15	0.19	132,48,100,68
			518.7	0.94	0.41	4d20 2+6 d20	0.25	0.12	3+3d8/20 L=267	0.15	0.25	68,48,100,68
	[b=1.0;1.0]		697.4	0.94	0.41	4d20 2+6 d20	0.61	0.12	3+3d8/15 L=45	0.15	0.19	68,48,100,68
245	s=4,m=5	ok,ok	697.4	0.94	0.02	4d20 2+6 d20	0.45	0.09	3+3d8/20 L=21	0.10	0.16	68,62,68,68
	[b=1.0;1.0]		718.0	0.94	0.02	4d20 2+6 d20	0.48	0.09	3+3d8/20 L=21	0.10	0.16	68,62,68,68
159	s=4,m=5	ok,ok	718.0	0.94	5.17e-03	4d20 2+6 d20	0.30	0.04	3+3d8/20 L=9	0.35	0.61	50,48,68,68
	[b=1.0;1.0]		726.9	0.94	5.17e-03	4d20 2+6 d20	0.24	0.04	3+3d8/20 L=9	0.35	0.61	66,48,68,68
244	s=4,m=5	ok,ok	726.9	0.94	0.03	4d20 2+6 d20	0.23	0.04	3+3d8/20 L=47	0.46	0.82	66,116,68,68
	[b=1.0;1.0]		773.8	0.94	0.03	4d20 2+6 d20	0.24	0.04	3+3d8/20 L=47	0.46	0.82	116,116,68,68
243	s=4,m=5	ok,ok	773.8	0.94	0.04	4d20 2+6 d20	0.25	0.08	3+3d8/20 L=47	0.43	0.79	132,68,68,68
	[b=1.0;1.0]		820.6	0.94	0.04	4d20 2+6 d20	0.55	0.08	3+3d8/20 L=47	0.43	0.79	68,68,68,68
242	s=4,m=5	ok,ok	820.6	0.94	0.03	4d20 2+6 d20	0.51	0.12	3+3d8/20 L=33	0.13	0.24	68,68,68,68
	[b=1.0;1.0]		854.0	0.94	0.03	4d20 2+6 d20	0.45	0.12	3+3d8/20 L=33	0.13	0.24	68,68,68,68
241	s=4,m=5	ok,ok	854.0	1.26	0.15	4d20 4+8 d20	0.81	0.04	3+3d8/15 L=45	0.32	0.39	68,46,52,52
			974.5	0.94	0.15	4d20 2+6 d20	0.34	0.04	3+3d8/20 L=151	0.32	0.53	2,46,52,52
	[b=1.0;1.0]		1095.0	0.94	0.15	4d20 2+6 d20	0.49	0.04	3+3d8/15 L=45	0.32	0.39	132,46,52,52
					M_P= 77	**X=-1124.5**	**Y=546.1**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
35	s=12,m=5	ok,ok	-80.0	0.70	0.66	4d20 2+2 d20	0.46	0.54	3+3d8/15 L=45	0.16	0.22	165,68,157,166
			130.0	0.70	0.66	4d20 2+2 d20	0.20	0.54	3+3d8/20 L=330	0.16	0.29	29,68,157,166
	[b=1.0;1.0]		340.0	0.70	0.66	4d20 2+2 d20	0.37	0.53	3+3d8/15 L=45	0.16	0.22	158,68,157,166
98	s=7,m=5	ok,ok	340.0	0.67	0.62	0d0 6+0 d20	0.28	0.45	2+2d8/15 L=45	0.13	0.22	166,76,102,166
			529.0	0.67	0.62	0d0 6+0 d20	0.16	0.44	2+2d8/20 L=288	0.13	0.29	29,76,102,166
	[b=1.0;1.0]		718.0	0.67	0.62	0d0 6+0 d20	0.35	0.44	2+2d8/15 L=45	0.13	0.22	166,76,102,166
149	s=7,m=5	ok,ok	718.0	0.67	0.39	0d0 6+0 d20	0.51	0.17	2+2d8/15 L=45	0.13	0.23	158,76,158,158
			906.5	0.67	0.39	0d0 6+0 d20	0.09	0.17	2+2d8/20 L=287	0.13	0.30	37,76,158,158
	[b=1.0;1.0]		1095.0	0.67	0.39	0d0 6+0 d20	0.63	0.17	2+2d8/15 L=45	0.13	0.23	158,76,158,158
					M_P= 78	**X=-621.1**	**Y=623.2**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
36	s=2,m=5	ok,ok	-80.0	0.96	0.77	0d0 6+0 d20	0.36	0.40	2+2d8/15 L=45	0.11	0.17	171,74,107,171
			130.0	0.96	0.77	0d0 6+0 d20	0.17	0.39	2+2d8/20 L=330	0.11	0.23	30,74,107,171
	[b=1.0;1.0]		340.0	0.96	0.77	0d0 6+0 d20	0.34	0.39	2+2d8/15 L=45	0.11	0.17	171,74,107,171
99	s=2,m=5	ok,ok	340.0	0.96	0.54	0d0 6+0 d20	0.41	0.24	2+2d8/15 L=45	0.11	0.18	144,74,100,164
			529.0	0.96	0.54	0d0 6+0 d20	0.11	0.24	2+2d8/20 L=288	0.12	0.24	30,74,100,164
	[b=1.0;1.0]		718.0	0.96	0.54	0d0 6+0 d20	0.45	0.23	2+2d8/15 L=45	0.12	0.18	144,74,100,164
150	s=13,m=5	ok,ok	718.0	2.05	0.56	4d20 2+2 d20	0.29	0.16	3+3d8/15 L=45	0.08	0.08	161,74,81,168
			906.5	2.05	0.56	4d20 2+2 d20	0.08	0.16	3+3d8/20 L=287	0.08	0.11	38,74,81,168
	[b=1.0;1.0]		1095.0	2.05	0.56	4d20 2+2 d20	0.33	0.15	3+3d8/15 L=45	0.08	0.08	168,74,81,168
					M_P= 79	**X=-306.1**	**Y=623.2**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
16	s=1,m=5	ok,ok	-80.0	1.01	0.53	4d20 2+2 d20	0.52	0.28	3+3d8/15 L=45	0.12	0.18	167,154,156,168
			130.0	1.01	0.53	4d20 2+2 d20	0.11	0.28	3+3d8/20 L=330	0.12	0.24	30,154,156,168
	[b=1.0;1.0]		340.0	1.01	0.53	4d20 2+2 d20	0.47	0.27	3+3d8/15 L=45	0.12	0.18	168,154,156,168
109	s=2,m=5	ok,ok	340.0	0.96	0.48	0d0 6+0 d20	0.50	0.21	2+2d8/15 L=45	0.11	0.18	160,154,148,160
			529.0	0.96	0.48	0d0 6+0 d20	0.09	0.21	2+2d8/20 L=288	0.11	0.25	30,154,148,160
	[b=1.0;1.0]		718.0	0.96	0.48	0d0 6+0 d20	0.60	0.20	2+2d8/15 L=45	0.11	0.18	160,154,148,160
160	s=13,m=5	ok,ok	718.0	2.05	0.48	4d20 2+2 d20	0.36	0.13	3+3d8/15 L=45	0.09	0.10	168,154,156,168

			906.5	2.05	0.48	4d20 2+2 d20	0.06	0.13	3+3d8/20 L=287	0.09	0.14	38,154,156,168
	[b=1.0;1.0]		1095.0	2.05	0.48	4d20 2+2 d20	0.41	0.12	3+3d8/15 L=45	0.09	0.10	168,154,156,168
					M_P= 80	**X=646.4**	**Y=623.2**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
201	s=2,m=5	ok,ok	-80.0	0.96	0.71	0d0 6+0 d20	0.58	0.37	2+2d8/15 L=45	0.14	0.21	139,118,172,172
			130.0	0.96	0.71	0d0 6+0 d20	0.14	0.37	2+2d8/20 L=330	0.14	0.28	30,118,172,172
	[b=1.0;1.0]		340.0	0.96	0.71	0d0 6+0 d20	0.56	0.37	2+2d8/15 L=45	0.14	0.21	139,118,172,172
202	s=2,m=5	ok,ok	340.0	0.96	0.48	0d0 6+0 d20	0.70	0.22	2+2d8/15 L=45	0.16	0.24	140,110,164,172
			529.0	0.96	0.48	0d0 6+0 d20	0.09	0.21	2+2d8/20 L=288	0.16	0.31	38,110,164,172
	[b=1.0;1.0]		718.0	0.96	0.48	0d0 6+0 d20	0.77	0.21	2+2d8/15 L=45	0.16	0.24	140,110,164,172
203	s=13,m=5	ok,ok	718.0	2.05	0.50	4d20 2+2 d20	0.47	0.14	3+3d8/15 L=45	0.14	0.13	148,150,172,172
			906.5	2.05	0.50	4d20 2+2 d20	0.06	0.14	3+3d8/20 L=287	0.14	0.17	38,150,172,172
	[b=1.0;1.0]		1095.0	2.05	0.50	4d20 2+2 d20	0.56	0.14	3+3d8/15 L=45	0.14	0.13	172,150,172,172
					M_P= 81	**X=1185.6**	**Y=623.2**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
19	s=2,m=5	ok,ok	-80.0	0.96	0.79	0d0 6+0 d20	0.34	0.41	2+2d8/15 L=45	0.10	0.17	136,118,88,136
			130.0	0.96	0.79	0d0 6+0 d20	0.18	0.41	2+2d8/20 L=330	0.10	0.23	29,118,88,136
	[b=1.0;1.0]		340.0	0.96	0.79	0d0 6+0 d20	0.40	0.41	2+2d8/15 L=45	0.10	0.17	136,118,88,136
105	s=2,m=5	ok,ok	340.0	0.96	0.59	0d0 6+0 d20	0.54	0.29	2+2d8/15 L=45	0.14	0.20	140,118,172,140
			529.0	0.96	0.59	0d0 6+0 d20	0.12	0.29	2+2d8/20 L=288	0.14	0.27	29,118,172,140
	[b=1.0;1.0]		718.0	0.96	0.59	0d0 6+0 d20	0.57	0.28	2+2d8/15 L=45	0.14	0.20	140,118,172,140
156	s=13,m=5	ok,ok	718.0	2.05	0.60	4d20 2+2 d20	0.35	0.18	3+3d8/15 L=45	0.12	0.10	140,70,172,172
			906.5	2.05	0.60	4d20 2+2 d20	0.09	0.17	3+3d8/20 L=287	0.12	0.13	37,70,172,172
	[b=1.0;1.0]		1095.0	2.05	0.60	4d20 2+2 d20	0.42	0.17	3+3d8/15 L=45	0.12	0.10	140,70,172,172
					M_P= 82	**X=2736.9**	**Y=726.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
28	s=1,m=5	ok,ok	-80.0	1.01	0.47	4d20 2+2 d20	0.76	0.19	3+3d8/15 L=45	0.15	0.19	129,126,82,136
			130.0	1.01	0.47	4d20 2+2 d20	0.22	0.19	3+3d8/20 L=330	0.15	0.26	90,126,82,136
	[b=1.0;1.0]		340.0	1.01	0.47	4d20 2+2 d20	0.51	0.18	3+3d8/15 L=45	0.15	0.19	136,126,82,136
4	s=1,m=5	ok,ok	340.0	1.01	0.35	4d20 2+2 d20	0.46	0.16	3+3d8/15 L=45	0.14	0.14	135,130,80,129
			529.0	1.01	0.35	4d20 2+2 d20	0.08	0.15	3+3d8/20 L=288	0.14	0.19	156,130,80,129
	[b=1.0;1.0]		718.0	1.01	0.35	4d20 2+2 d20	0.53	0.15	3+3d8/15 L=45	0.14	0.14	128,130,80,129
6	s=1,m=5	ok,ok	718.0	1.01	0.26	4d20 2+2 d20	0.55	0.08	3+3d8/15 L=45	0.16	0.17	138,138,80,138
			906.5	1.01	0.26	4d20 2+2 d20	0.15	0.07	3+3d8/20 L=287	0.16	0.23	168,138,80,138
	[b=1.0;1.0]		1095.0	1.01	0.26	4d20 2+2 d20	0.83	0.07	3+3d8/15 L=45	0.16	0.17	136,138,80,138
					M_P= 83	**X=1721.3**	**Y=755.8**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
20	s=2,m=5	ok,ok	-80.0	0.96	0.86	0d0 6+0 d20	0.39	0.47	2+2d8/15 L=45	0.10	0.17	129,48,81,136
			130.0	0.96	0.86	0d0 6+0 d20	0.21	0.46	2+2d8/20 L=330	0.10	0.22	30,48,81,136
	[b=1.0;1.0]		340.0	0.96	0.86	0d0 6+0 d20	0.35	0.46	2+2d8/15 L=45	0.10	0.17	136,48,81,136
106	s=2,m=5	ok,ok	340.0	0.96	0.70	0d0 6+0 d20	0.34	0.39	2+2d8/15 L=45	0.11	0.18	136,110,81,129
			529.0	0.96	0.70	0d0 6+0 d20	0.19	0.38	2+2d8/20 L=288	0.11	0.24	54,110,81,129
	[b=1.0;1.0]		718.0	0.96	0.70	0d0 6+0 d20	0.42	0.38	2+2d8/15 L=45	0.11	0.18	130,110,81,129
157	s=13,m=5	ok,ok	718.0	2.05	0.80	4d20 2+2 d20	0.37	0.30	3+3d8/15 L=45	0.13	0.13	126,282,82,130
			906.5	2.05	0.80	4d20 2+2 d20	0.16	0.30	3+3d8/20 L=287	0.13	0.17	37,282,82,130
	[b=1.0;1.0]		1095.0	2.05	0.80	4d20 2+2 d20	0.48	0.29	3+3d8/15 L=45	0.13	0.13	130,282,82,130
					M_P= 84	**X=-1509.9**	**Y=1203.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
8	s=12,m=5	ok,ok	-80.0	0.70	0.44	4d20 2+2 d20	0.66	0.23	3+3d8/15 L=45	0.18	0.25	157,122,158,158
			130.0	0.70	0.44	4d20 2+2 d20	0.15	0.22	3+3d8/20 L=330	0.18	0.34	163,122,158,158
	[b=1.0;1.0]		340.0	0.70	0.44	4d20 2+2 d20	0.48	0.22	3+3d8/15 L=45	0.18	0.25	158,122,158,158
97	s=7,m=5	ok,ok	340.0	0.67	0.41	0d0 6+0 d20	0.46	0.18	2+2d8/15 L=45	0.14	0.28	158,122,166,158
			529.0	0.67	0.41	0d0 6+0 d20	0.12	0.18	2+2d8/20 L=288	0.14	0.37	158,122,166,158
	[b=1.0;1.0]		718.0	0.67	0.41	0d0 6+0 d20	0.68	0.18	2+2d8/15 L=45	0.14	0.28	158,122,166,158
148	s=7,m=5	ok,ok	718.0	0.67	0.23	0d0 6+0 d20	0.97	0.06	2+2d8/15 L=45	0.18	0.32	158,118,166,158
			906.5	0.67	0.23	0d0 6+0 d20	0.07	0.06	2+2d8/20 L=287	0.18	0.43	166,118,166,158

	[b=1.0;1.0]		1095.0	0.89	0.23	0d0 8+0 d20	0.95	0.05	2+2d8/15 L=45	0.18	0.32	158,118,166,158
					M_P= 85	**X=-734.3**	**Y=1203.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
143	s=1,m=5	ok,ok	-80.0	1.01	0.55	4d20 2+2 d20	0.69	0.24	3+3d8/15 L=45	0.19	0.19	141,300,158,130
			130.0	1.01	0.55	4d20 2+2 d20	0.11	0.24	3+3d8/20 L=330	0.19	0.26	30,300,158,130
	[b=1.0;1.0]		340.0	1.01	0.55	4d20 2+2 d20	0.56	0.23	3+3d8/15 L=45	0.19	0.19	141,300,158,130
96	s=1,m=5	ok,ok	340.0	1.01	0.40	4d20 2+2 d20	0.58	0.16	3+3d8/15 L=45	0.19	0.20	142,166,142,130
			529.0	1.01	0.40	4d20 2+2 d20	0.08	0.16	3+3d8/20 L=288	0.19	0.26	38,166,142,130
	[b=1.0;1.0]		718.0	1.01	0.40	4d20 2+2 d20	0.70	0.15	3+3d8/15 L=45	0.19	0.20	142,166,142,130
147	s=6,m=5	ok,ok	718.0	1.50	0.51	0d0 6+0 d20	0.51	0.14	2+2d8/15 L=45	0.12	0.17	158,158,114,158
			906.5	1.50	0.51	0d0 6+0 d20	0.08	0.14	2+2d8/20 L=287	0.12	0.22	166,158,114,158
	[b=1.0;1.0]		1095.0	1.50	0.51	0d0 6+0 d20	0.65	0.13	2+2d8/15 L=45	0.12	0.17	158,158,114,158
					M_P= 86	**X=-10.4**	**Y=1203.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
17	s=7,m=5	ok,ok	-80.0	0.67	0.61	0d0 6+0 d20	0.60	0.34	2+2d8/15 L=45	0.16	0.35	157,166,157,158
			130.0	0.67	0.61	0d0 6+0 d20	0.14	0.34	2+2d8/20 L=330	0.16	0.47	29,166,157,158
	[b=1.0;1.0]		340.0	0.67	0.61	0d0 6+0 d20	0.57	0.33	2+2d8/15 L=45	0.16	0.35	157,166,157,158
100	s=14,m=5	ok,ok	340.0	1.57	0.76	4d20 2+2 d20	0.44	0.38	3+3d8/15 L=45	0.15	0.16	142,166,142,130
			529.0	1.57	0.76	4d20 2+2 d20	0.18	0.38	3+3d8/20 L=288	0.15	0.22	37,166,142,130
	[b=1.0;1.0]		718.0	1.57	0.76	4d20 2+2 d20	0.53	0.38	3+3d8/15 L=45	0.15	0.16	142,166,142,130
151	s=6,m=5	ok,ok	718.0	1.50	0.58	0d0 6+0 d20	0.64	0.18	2+2d8/15 L=45	0.16	0.21	158,158,114,158
			906.5	1.50	0.58	0d0 6+0 d20	0.09	0.17	2+2d8/20 L=287	0.16	0.28	37,158,114,158
	[b=1.0;1.0]		1095.0	1.50	0.58	0d0 6+0 d20	0.74	0.17	2+2d8/15 L=45	0.16	0.21	158,158,114,158
					M_P= 87	**X=811.4**	**Y=1203.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
18	s=7,m=5	ok,ok	-80.0	0.67	0.68	0d0 6+0 d20	0.50	0.42	2+2d8/15 L=45	0.16	0.27	126,134,158,158
			130.0	0.67	0.68	0d0 6+0 d20	0.17	0.41	2+2d8/20 L=330	0.16	0.36	29,134,158,158
	[b=1.0;1.0]		340.0	0.67	0.68	0d0 6+0 d20	0.45	0.41	2+2d8/15 L=45	0.16	0.27	126,134,158,158
101	s=14,m=5	ok,ok	340.0	1.57	0.83	4d20 2+2 d20	0.35	0.44	3+3d8/15 L=45	0.11	0.14	130,134,130,130
			529.0	1.57	0.83	4d20 2+2 d20	0.21	0.44	3+3d8/20 L=288	0.11	0.18	37,134,130,130
	[b=1.0;1.0]		718.0	1.57	0.83	4d20 2+2 d20	0.42	0.43	3+3d8/15 L=45	0.11	0.14	130,134,130,130
152	s=6,m=5	ok,ok	718.0	1.50	0.58	0d0 6+0 d20	0.54	0.17	2+2d8/15 L=45	0.13	0.17	126,126,157,126
			906.5	1.50	0.58	0d0 6+0 d20	0.09	0.17	2+2d8/20 L=287	0.13	0.23	37,126,157,126
	[b=1.0;1.0]		1095.0	1.50	0.58	0d0 6+0 d20	0.66	0.17	2+2d8/15 L=45	0.13	0.17	126,126,157,126
					M_P= 88	**X=1643.2**	**Y=1203.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
23	s=7,m=5	ok,ok	-80.0	0.67	0.67	0d0 6+0 d20	0.53	0.40	2+2d8/15 L=45	0.16	0.28	130,122,82,130
			130.0	0.67	0.67	0d0 6+0 d20	0.16	0.39	2+2d8/20 L=330	0.16	0.37	37,122,82,130
	[b=1.0;1.0]		340.0	0.67	0.67	0d0 6+0 d20	0.42	0.39	2+2d8/15 L=45	0.16	0.28	129,122,82,130
102	s=14,m=5	ok,ok	340.0	1.57	0.78	4d20 2+2 d20	0.32	0.38	3+3d8/15 L=45	0.11	0.12	129,250,136,129
			529.0	1.57	0.78	4d20 2+2 d20	0.19	0.37	3+3d8/20 L=288	0.11	0.16	37,250,136,129
	[b=1.0;1.0]		718.0	1.57	0.78	4d20 2+2 d20	0.40	0.37	3+3d8/15 L=45	0.11	0.12	136,250,136,129
153	s=6,m=5	ok,ok	718.0	1.50	0.47	0d0 6+0 d20	0.52	0.11	2+2d8/15 L=45	0.12	0.17	130,130,82,130
			906.5	1.50	0.47	0d0 6+0 d20	0.09	0.11	2+2d8/20 L=287	0.13	0.22	38,130,82,130
	[b=1.0;1.0]		1095.0	1.50	0.47	0d0 6+0 d20	0.65	0.10	2+2d8/15 L=45	0.13	0.17	130,130,82,130
					M_P= 89	**X=2270.1**	**Y=1203.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
21	s=7,m=5	ok,ok	-80.0	0.67	0.67	0d0 6+0 d20	0.55	0.40	2+2d8/15 L=45	0.16	0.29	127,134,88,136
			130.0	0.67	0.67	0d0 6+0 d20	0.16	0.40	2+2d8/20 L=330	0.16	0.39	38,134,79,136
	[b=1.0;1.0]		340.0	0.67	0.67	0d0 6+0 d20	0.45	0.39	2+2d8/15 L=45	0.16	0.29	127,134,79,136
103	s=14,m=5	ok,ok	340.0	1.57	0.80	4d20 2+2 d20	0.35	0.40	3+3d8/15 L=45	0.12	0.14	130,134,130,13

												0
			529.0	1.57	0.80	4d20 2+2 d20	0.20	0.39	3+3d8/20 L=288	0.12	0.18	38,134,130,130
	[b=1.0;1.0]		718.0	1.57	0.80	4d20 2+2 d20	0.43	0.39	3+3d8/15 L=45	0.12	0.14	129,134,130,130
154	s=6,m=5	ok,ok	718.0	1.50	0.53	0d0 6+0 d20	0.65	0.14	2+2d8/15 L=45	0.16	0.22	130,130,82,130
			906.5	1.50	0.53	0d0 6+0 d20	0.15	0.13	2+2d8/20 L=287	0.16	0.29	38,130,82,130
	[b=1.0;1.0]		1095.0	1.50	0.53	0d0 6+0 d20	0.86	0.13	2+2d8/15 L=45	0.16	0.22	130,130,82,130
					M_P= 90	**X=2736.9**	**Y=1203.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
22	s=7,m=5	ok,ok	-80.0	0.67	0.38	0d0 6+0 d20	0.99	0.14	2+2d8/15 L=45	0.18	0.30	127,134,79,136
			130.0	0.67	0.38	0d0 6+0 d20	0.31	0.13	2+2d8/20 L=330	0.18	0.40	162,134,79,136
	[b=1.0;1.0]		340.0	0.67	0.38	0d0 6+0 d20	0.76	0.13	2+2d8/15 L=45	0.18	0.30	127,134,79,136
104	s=14,m=5	ok,ok	340.0	1.57	0.45	4d20 2+2 d20	0.39	0.13	3+3d8/15 L=45	0.13	0.14	88,138,88,136
			529.0	1.57	0.45	4d20 2+2 d20	0.09	0.13	3+3d8/20 L=288	0.13	0.18	88,138,88,136
	[b=1.0;1.0]		718.0	1.57	0.45	4d20 2+2 d20	0.54	0.13	3+3d8/15 L=45	0.13	0.14	88,138,88,136
155	s=6,m=5	ok,ok	718.0	1.50	0.27	0d0 6+0 d20	0.61	0.05	2+2d8/15 L=45	0.13	0.17	130,130,130,130
			906.5	1.50	0.27	0d0 6+0 d20	0.09	0.04	2+2d8/20 L=287	0.13	0.23	37,130,130,130
	[b=1.0;1.0]		1095.0	1.50	0.27	0d0 6+0 d20	0.77	0.04	2+2d8/15 L=45	0.13	0.17	130,130,130,130
					M_P= 91	**X=-767.4**	**Y=1372.7**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
114	s=1,m=5	ok,ok	-80.0	1.01	0.46	4d20 2+2 d20	0.73	0.20	3+3d8/15 L=45	0.19	0.19	142,166,158,130
			130.0	1.01	0.46	4d20 2+2 d20	0.10	0.19	3+3d8/20 L=330	0.19	0.25	141,166,158,130
	[b=1.0;1.0]		340.0	1.01	0.46	4d20 2+2 d20	0.59	0.19	3+3d8/15 L=45	0.19	0.19	142,166,158,130
95	s=2,m=5	ok,ok	340.0	0.96	0.35	0d0 6+0 d20	0.64	0.11	2+2d8/15 L=45	0.16	0.25	158,166,157,158
			529.0	0.96	0.35	0d0 6+0 d20	0.11	0.11	2+2d8/20 L=288	0.16	0.33	157,166,157,158
	[b=1.0;1.0]		718.0	0.96	0.35	0d0 6+0 d20	0.86	0.10	2+2d8/15 L=45	0.16	0.25	158,166,157,158
					M_P= 92	**X=-62.2**	**Y=1510.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
15	s=1,m=5	ok,ok	-80.0	1.01	0.56	4d20 2+2 d20	0.56	0.26	3+3d8/15 L=45	0.16	0.20	141,166,157,172
			130.0	1.01	0.56	4d20 2+2 d20	0.12	0.25	3+3d8/20 L=330	0.16	0.26	37,166,157,172
	[b=1.0;1.0]		340.0	1.01	0.56	4d20 2+2 d20	0.48	0.25	3+3d8/15 L=45	0.16	0.20	163,166,157,172
94	s=14,m=5	ok,ok	340.0	1.57	0.46	4d20 2+2 d20	0.47	0.13	3+3d8/15 L=45	0.16	0.16	141,166,141,130
			529.0	1.57	0.46	4d20 2+2 d20	0.09	0.13	3+3d8/20 L=288	0.16	0.21	138,166,141,130
	[b=1.0;1.0]		718.0	1.57	0.46	4d20 2+2 d20	0.66	0.13	3+3d8/15 L=45	0.16	0.16	141,166,141,130
					M_P= 93	**X=-871.2**	**Y=1616.5**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
113	s=6,m=5	ok,ok	-80.0	1.50	0.65	0d0 6+0 d20	0.63	0.17	2+2d8/15 L=45	0.15	0.18	158,166,158,158
			130.0	1.50	0.65	0d0 6+0 d20	0.09	0.17	2+2d8/20 L=330	0.15	0.25	37,166,158,158
	[b=1.0;1.0]		340.0	1.50	0.65	0d0 6+0 d20	0.69	0.17	2+2d8/15 L=45	0.15	0.18	158,166,158,158
					M_P= 94	**X=695.8**	**Y=1658.2**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
14	s=1,m=5	ok,ok	-80.0	1.01	0.63	4d20 2+2 d20	0.41	0.31	3+3d8/15 L=45	0.13	0.17	141,138,171,135
			130.0	1.01	0.63	4d20 2+2 d20	0.14	0.31	3+3d8/20 L=330	0.13	0.22	38,138,171,135
	[b=1.0;1.0]		340.0	1.01	0.63	4d20 2+2 d20	0.39	0.30	3+3d8/15 L=45	0.13	0.17	135,138,171,135
90	s=2,m=5	ok,ok	340.0	0.96	0.42	0d0 6+0 d20	0.51	0.13	2+2d8/15 L=45	0.14	0.20	126,138,114,158
			529.0	0.96	0.42	0d0 6+0 d20	0.14	0.12	2+2d8/20 L=288	0.14	0.27	134,138,114,158
	[b=1.0;1.0]		718.0	0.96	0.42	0d0 6+0 d20	0.78	0.12	2+2d8/15 L=45	0.14	0.20	126,138,114,158
					M_P= 95	**X=1520.8**	**Y=1819.2**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
31	s=2,m=5	ok,ok	-80.0	0.96	0.77	0d0 6+0 d20	0.51	0.36	2+2d8/15 L=45	0.16	0.21	129,250,82,130
			130.0	0.96	0.77	0d0 6+0 d20	0.17	0.35	2+2d8/20 L=330	0.16	0.27	37,250,82,130
	[b=1.0;1.0]		340.0	0.96	0.77	0d0 6+0 d20	0.51	0.35	2+2d8/15 L=45	0.16	0.21	129,250,82,130
93	s=2,m=5	ok,ok	340.0	0.96	0.48	0d0 6+0 d20	0.86	0.17	2+2d8/15 L=45	0.22	0.32	130,138,90,138

			529.0	0.96	0.48	0d0 6+0 d20	0.12	0.17	2+2d8/20 L=288	0.22	0.42	37,138,90,138
	[b=1.0;1.0]		718.0	1.12	0.48	0d0 7+0 d20	0.92	0.17	2+2d8/15 L=45	0.22	0.32	130,138,90,138
					M_P= 96	**X=2355.0**	**Y=1982.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
24	s=2,m=5	ok,ok	-80.0	0.96	0.65	0d0 6+0 d20	0.82	0.26	2+2d8/15 L=45	0.17	0.29	129,138,142,130
			130.0	0.96	0.65	0d0 6+0 d20	0.13	0.26	2+2d8/20 L=330	0.17	0.38	137,138,142,130
	[b=1.0;1.0]		340.0	0.96	0.65	0d0 6+0 d20	0.66	0.25	2+2d8/15 L=45	0.17	0.29	130,138,142,130
92	s=2,m=5	ok,ok	340.0	0.96	0.39	0d0 6+0 d20	0.89	0.12	2+2d8/15 L=45	0.20	0.32	130,138,150,138
			529.0	0.96	0.39	0d0 6+0 d20	0.12	0.11	2+2d8/20 L=288	0.20	0.43	37,138,150,138
	[b=1.0;1.0]		718.0	1.12	0.39	0d0 7+0 d20	0.98	0.11	2+2d8/15 L=45	0.20	0.32	138,138,150,138
					M_P= 97	**X=-208.6**	**Y=2000.6**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
9	s=6,m=5	ok,ok	-80.0	1.50	0.73	0d0 6+0 d20	0.57	0.19	2+2d8/15 L=45	0.14	0.18	157,134,122,166
			130.0	1.50	0.73	0d0 6+0 d20	0.11	0.19	2+2d8/20 L=330	0.14	0.24	37,134,122,166
	[b=1.0;1.0]		340.0	1.50	0.73	0d0 6+0 d20	0.64	0.18	2+2d8/15 L=45	0.14	0.18	158,134,122,166
					M_P= 98	**X=2572.1**	**Y=2024.4**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
25	s=2,m=5	ok,ok	-80.0	1.12	0.39	0d0 7+0 d20	0.90	0.10	2+2d8/15 L=45	0.17	0.24	82,150,82,82
			130.0	0.96	0.39	0d0 6+0 d20	0.20	0.10	2+2d8/20 L=330	0.17	0.32	137,150,82,82
	[b=1.0;1.0]		340.0	0.96	0.39	0d0 6+0 d20	0.71	0.09	2+2d8/15 L=45	0.18	0.24	82,150,82,82
91	s=2,m=5	ok,ok	340.0	0.96	0.24	0d0 6+0 d20	0.75	0.04	2+2d8/15 L=45	0.15	0.25	138,150,90,138
			529.0	0.96	0.24	0d0 6+0 d20	0.15	0.04	2+2d8/20 L=288	0.15	0.33	138,150,90,138
	[b=1.0;1.0]		718.0	1.12	0.24	0d0 7+0 d20	0.94	0.04	2+2d8/15 L=45	0.15	0.25	138,150,90,138
					M_P= 99	**X=1383.0**	**Y=2055.6**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
7	s=1,m=5	ok,ok	-80.0	1.01	0.53	4d20 2+2 d20	0.58	0.23	3+3d8/15 L=45	0.15	0.22	127,138,87,88
			130.0	1.01	0.53	4d20 2+2 d20	0.11	0.22	3+3d8/20 L=330	0.15	0.29	38,138,87,88
	[b=1.0;1.0]		340.0	1.01	0.53	4d20 2+2 d20	0.64	0.22	3+3d8/15 L=45	0.15	0.22	128,138,87,88
					M_P= 100	**X=389.7**	**Y=2360.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
10	s=6,m=5	ok,ok	-80.0	1.50	0.77	0d0 6+0 d20	0.63	0.22	2+2d8/15 L=45	0.17	0.20	114,138,122,108
			130.0	1.50	0.77	0d0 6+0 d20	0.12	0.22	2+2d8/20 L=330	0.17	0.26	37,138,122,108
	[b=1.0;1.0]		340.0	1.50	0.77	0d0 6+0 d20	0.77	0.21	2+2d8/15 L=45	0.17	0.20	122,138,122,108
					M_P= 101	**X=2074.7**	**Y=2460.9**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
13	s=1,m=5	ok,ok	-80.0	1.51	0.36	4d20 4+4 d20	0.85	0.11	3+3d8/15 L=45	0.25	0.29	130,166,88,166
			130.0	1.01	0.36	4d20 2+2 d20	0.13	0.10	3+3d8/20 L=330	0.25	0.38	90,166,88,166
	[b=1.0;1.0]		340.0	1.51	0.36	4d20 4+4 d20	0.84	0.10	3+3d8/15 L=45	0.25	0.29	88,166,88,166
					M_P= 102	**X=1000.0**	**Y=2712.8**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
11	s=6,m=5	ok,ok	-80.0	1.50	0.82	0d0 6+0 d20	0.66	0.26	2+2d8/15 L=45	0.20	0.21	82,90,90,108
			130.0	1.50	0.82	0d0 6+0 d20	0.14	0.26	2+2d8/20 L=330	0.20	0.29	18,90,90,108
	[b=1.0;1.0]		340.0	1.50	0.82	0d0 6+0 d20	0.80	0.25	2+2d8/15 L=45	0.20	0.21	90,90,90,108
					M_P= 103	**X=1690.3**	**Y=3117.2**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
12	s=11,m=5	ok,ok	-80.0	1.52	0.46	4d20 4+8 d20	0.89	0.07	3+3d8/15 L=45	0.28	0.35	138,138,138,166
			130.0	1.14	0.46	4d20 2+6 d20	0.30	0.06	3+3d8/20 L=330	0.28	0.47	81,138,138,166
	[b=1.0;1.0]		340.0	1.14	0.46	4d20 2+6 d20	0.95	0.06	3+3d8/15 L=45	0.28	0.35	150,138,138,166
Pilas.				**%Af**	**r. snell.**		**V N/M**	**V N sis**		**V V/T cls**	**V V/T acc**	
				2.05	0.86		0.99	0.54		0.46	0.82	

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
	cm					cm				
4	0.0	0.18	0.13	0.22	315,315,333	189.0	0.08	0.07	0.10	320,320,333
	378.0	0.15	0.11	0.18	302,302,333					
6	0.0	0.17	0.11	0.20	315,315,333	188.5	0.08	0.06	0.09	319,319,334
	377.0	0.29	0.35	0.34	319,319,334					
7	0.0	0.21	0.16	0.21	314,314,334	210.0	0.15	0.12	0.17	319,319,334
	420.0	0.22	0.16	0.24	310,310,334					
8	0.0	0.30	0.22	0.28	321,321,334	210.0	0.17	0.13	0.17	322,322,334
	420.0	0.26	0.20	0.31	315,315,334					
9	0.0	0.29	0.19	0.33	319,319,334	210.0	0.13	0.10	0.14	320,320,334
	420.0	0.35	0.22	0.40	319,319,334					
10	0.0	0.39	0.24	0.45	319,319,334	210.0	0.16	0.12	0.18	320,320,334
	420.0	0.54	0.31	0.62	319,319,334					
11	0.0	0.38	0.24	0.44	319,309,334	210.0	0.18	0.14	0.21	310,310,334
	420.0	0.52	0.31	0.62	319,309,334					
12	0.0	0.57	0.54	0.64	313,313,334	210.0	0.09	0.06	0.11	309,313,334
	420.0	0.59	0.65	0.70	309,309,334					
13	0.0	0.37	0.31	0.40	313,305,334	210.0	0.09	0.07	0.10	310,310,334
	420.0	0.38	0.36	0.45	309,309,334					
14	0.0	0.19	0.16	0.22	320,320,334	210.0	0.21	0.16	0.23	319,319,334
	420.0	0.23	0.18	0.26	320,320,334					
15	0.0	0.24	0.18	0.28	319,319,334	210.0	0.16	0.13	0.19	319,319,334
	420.0	0.20	0.16	0.24	319,319,334					
16	0.0	0.21	0.16	0.25	315,315,334	210.0	0.14	0.11	0.17	315,315,334
	420.0	0.20	0.15	0.24	315,315,334					
17	0.0	0.34	0.25	0.39	315,315,334	210.0	0.20	0.17	0.24	315,315,334
	420.0	0.32	0.23	0.38	315,315,334					
18	0.0	0.32	0.25	0.38	315,315,334	210.0	0.26	0.21	0.32	315,315,334
	420.0	0.30	0.24	0.36	315,315,334					
19	0.0	0.23	0.19	0.28	316,316,334	210.0	0.25	0.20	0.31	316,316,334
	420.0	0.30	0.23	0.36	315,315,334					
20	0.0	0.30	0.24	0.36	316,316,333	210.0	0.28	0.23	0.35	316,316,333
	420.0	0.30	0.24	0.37	316,316,334					
21	0.0	0.28	0.22	0.33	321,321,334	210.0	0.24	0.20	0.30	320,319,334
	420.0	0.25	0.20	0.30	315,315,334					
22	0.0	0.14	0.10	0.16	322,320,334	210.0	0.12	0.09	0.15	316,316,334
	420.0	0.13	0.10	0.15	307,307,334					
23	0.0	0.33	0.25	0.39	316,316,334	210.0	0.26	0.21	0.32	316,316,334
	420.0	0.25	0.20	0.31	320,320,334					
24	0.0	0.40	0.27	0.49	315,307,334	210.0	0.17	0.13	0.21	320,320,334
	420.0	0.34	0.23	0.41	307,307,334					
25	0.0	0.31	0.23	0.36	315,301,333	210.0	0.08	0.06	0.10	319,319,334
	420.0	0.25	0.17	0.29	301,302,333					
28	0.0	0.19	0.14	0.22	322,322,334	210.0	0.16	0.12	0.19	316,316,333
	420.0	0.14	0.11	0.18	315,315,334					
29	0.0	0.11	0.08	0.13	321,321,333	210.0	0.07	0.06	0.09	321,321,333
	420.0	0.09	0.07	0.11	321,321,333					
30	0.0	0.12	0.09	0.13	322,322,333	210.0	0.11	0.09	0.13	316,316,333
	420.0	0.10	0.08	0.13	315,315,333					
31	0.0	0.30	0.23	0.37	308,308,334	210.0	0.21	0.17	0.25	320,320,334
	420.0	0.29	0.23	0.36	307,308,334					
35	0.0	0.39	0.31	0.42	321,321,334	210.0	0.34	0.28	0.41	315,315,333
	420.0	0.34	0.27	0.42	316,316,333					
36	0.0	0.26	0.20	0.30	321,315,334	210.0	0.22	0.18	0.26	315,315,334
	420.0	0.22	0.18	0.27	315,315,334					
90	0.0	0.11	0.08	0.13	316,316,333	189.0	0.13	0.09	0.14	319,319,334
	378.0	0.23	0.15	0.27	315,319,333					
91	0.0	0.34	0.41	0.41	307,315,334	189.0	0.07	0.05	0.07	319,319,334
	378.0	0.46	0.60	0.53	319,319,334					
92	0.0	0.41	0.36	0.50	315,301,334	189.0	0.10	0.08	0.11	320,320,334
	378.0	0.54	0.54	0.63	319,319,334					
93	0.0	0.30	0.19	0.36	315,319,334	189.0	0.14	0.11	0.16	319,319,334
	378.0	0.42	0.27	0.49	319,319,334					
94	0.0	0.16	0.11	0.20	320,320,334	189.0	0.10	0.08	0.12	319,319,334
	378.0	0.23	0.15	0.29	316,320,334					
95	0.0	0.17	0.11	0.20	301,301,333	189.0	0.07	0.06	0.09	319,319,334
	378.0	0.27	0.21	0.31	301,301,333					
96	0.0	0.20	0.14	0.24	315,315,333	189.0	0.10	0.08	0.12	316,316,334
	378.0	0.23	0.16	0.27	301,301,333					

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
97	0.0	0.29	0.20	0.35	302,316,333	189.0	0.13	0.10	0.16	316,315,334
	378.0	0.35	0.24	0.42	302,302,333					
98	0.0	0.35	0.27	0.42	315,315,333	189.0	0.25	0.21	0.31	316,316,333
	378.0	0.36	0.28	0.44	315,315,333					
99	0.0	0.14	0.11	0.17	320,316,334	189.0	0.12	0.10	0.15	315,316,334
	378.0	0.14	0.11	0.17	320,316,334					
100	0.0	0.29	0.22	0.36	315,315,334	189.0	0.20	0.16	0.24	319,319,334
	378.0	0.31	0.23	0.38	315,315,333					
101	0.0	0.28	0.22	0.34	319,319,334	189.0	0.23	0.19	0.28	320,320,334
	378.0	0.27	0.21	0.33	315,315,333					
102	0.0	0.21	0.17	0.24	320,320,334	189.0	0.22	0.18	0.25	320,320,334
	378.0	0.24	0.19	0.27	320,320,334					
103	0.0	0.22	0.18	0.27	316,320,333	189.0	0.22	0.18	0.26	320,320,334
	378.0	0.23	0.19	0.26	320,320,333					
104	0.0	0.19	0.13	0.23	319,319,334	189.0	0.08	0.06	0.09	319,319,334
	378.0	0.24	0.16	0.27	319,319,334					
105	0.0	0.26	0.19	0.31	316,316,334	189.0	0.17	0.14	0.21	316,316,334
	378.0	0.22	0.17	0.27	316,316,334					
106	0.0	0.26	0.21	0.32	315,315,334	189.0	0.24	0.19	0.29	316,316,333
	378.0	0.27	0.21	0.34	316,316,333					
107	0.0	0.06	0.05	0.08	316,316,333	189.0	0.04	0.03	0.05	315,321,333
	378.0	0.06	0.04	0.07	315,315,333					
108	0.0	0.08	0.07	0.10	316,316,333	178.7	0.12	0.10	0.15	316,316,333
	357.4	0.23	0.17	0.28	316,316,333					
109	0.0	0.16	0.12	0.20	316,316,334	189.0	0.10	0.08	0.13	315,316,334
	378.0	0.18	0.13	0.21	316,316,334					
113	0.0	0.23	0.14	0.25	321,315,334	210.0	0.09	0.07	0.10	320,320,334
	420.0	0.25	0.15	0.28	315,315,333					
114	0.0	0.21	0.16	0.25	315,315,333	210.0	0.12	0.09	0.13	319,319,334
	420.0	0.17	0.13	0.20	315,315,334					
143	0.0	0.25	0.19	0.30	315,315,333	210.0	0.16	0.13	0.19	315,315,334
	420.0	0.23	0.17	0.27	315,315,333					
147	0.0	0.22	0.14	0.26	315,315,333	188.5	0.09	0.07	0.10	320,320,333
	377.0	0.28	0.17	0.34	315,319,333					
148	0.0	0.49	0.67	0.60	315,301,333	188.5	0.05	0.04	0.05	320,320,333
	377.0	0.47	0.60	0.57	319,319,333					
149	0.0	0.22	0.16	0.27	320,320,333	188.5	0.11	0.09	0.13	319,319,334
	377.0	0.22	0.16	0.27	319,319,333					
150	0.0	0.10	0.08	0.12	320,320,334	188.5	0.08	0.06	0.09	320,320,334
	377.0	0.10	0.08	0.11	320,320,334					
151	0.0	0.31	0.18	0.37	315,315,333	188.5	0.11	0.08	0.12	319,319,334
	377.0	0.37	0.21	0.45	319,319,333					
152	0.0	0.20	0.14	0.24	301,301,333	188.5	0.12	0.09	0.14	319,319,334
	377.0	0.27	0.18	0.34	315,315,333					
153	0.0	0.13	0.09	0.16	301,301,333	188.5	0.09	0.07	0.11	320,320,334
	377.0	0.22	0.14	0.27	301,301,333					
154	0.0	0.22	0.15	0.27	301,302,333	188.5	0.14	0.10	0.15	320,320,334
	377.0	0.40	0.26	0.50	319,301,333					
155	0.0	0.21	0.19	0.24	315,315,333	188.5	0.06	0.04	0.06	319,319,334
	377.0	0.28	0.30	0.34	319,319,333					
156	0.0	0.16	0.11	0.18	320,320,334	188.5	0.10	0.08	0.11	320,320,334
	377.0	0.17	0.12	0.20	320,320,334					
157	0.0	0.30	0.22	0.36	319,319,333	188.5	0.18	0.14	0.20	319,319,334
	377.0	0.34	0.24	0.40	319,319,333					
158	0.0	0.03	0.02	0.04	321,321,333	188.5	0.03	0.03	0.04	321,321,333
	377.0	0.08	0.06	0.09	321,321,333					
159	0.0	0.12	0.13	0.15	302,302,333	8.9	0.10	0.09	0.12	302,302,333
160	0.0	0.16	0.10	0.19	320,320,334	188.5	0.06	0.05	0.07	320,320,334
	377.0	0.18	0.12	0.21	320,320,334					
201	0.0	0.25	0.19	0.31	316,316,334	210.0	0.17	0.14	0.21	316,316,334
	420.0	0.26	0.20	0.32	316,316,334					
202	0.0	0.21	0.15	0.25	316,316,334	189.0	0.11	0.09	0.13	315,315,333
	378.0	0.22	0.16	0.27	316,316,334					
203	0.0	0.17	0.11	0.20	320,320,334	188.5	0.07	0.06	0.08	320,320,334
	377.0	0.21	0.13	0.25	320,320,334					
241	0.0	0.32	0.50	0.41	316,302,333	120.5	0.15	0.20	0.19	302,302,333
	241.0	0.05	0.04	0.06	316,316,333					
242	0.0	0.23	0.18	0.29	316,302,333	33.4	0.21	0.15	0.26	316,316,333
243	0.0	0.08	0.06	0.10	316,316,333	46.9	0.23	0.27	0.29	316,302,333
244	0.0	0.10	0.07	0.12	302,302,333	46.9	0.08	0.06	0.10	316,316,333
245	0.0	0.10	0.08	0.13	302,316,333	20.6	0.11	0.08	0.13	302,316,333

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
Pilas.		**rRfck**	**rRfyk**	**rPfck**			**rRfck**	**rRfyk**	**rPfck**	
		0.59	0.67	0.70						

VERIFICHE PER ELEMENTI IN ACCIAIO SBALZO

LEGENDA TABELLA VERIFICHE PER ELEMENTI IN ACCIAIO

Il programma consente la verifica dei seguenti tipi di elementi:
1. **aste** 2. **travi** 3. **pilastri**
L'esito delle verifiche è espresso con un codice come di seguito indicato

Ok: verifica con esito positivo
NV: verifica con esito negativo
Nr: verifica non richiesta.

Per comodità gli elementi vengono raggruppati in tabelle in relazione al tipo.

Ai fini delle verifiche (come da D.M. 17 Gennaio 2018 e circolare 21 Gennaio 2019 n.7) i tipi elementi differiscono per i seguenti aspetti:

Verifica		**Aste**	**Travi**	**Pilastri**
4.2.3.1	Classificazione	X	X	X
4.2.4.1.2.1	Trazione	X	X	X
4.2.4.1.2.2	Compressione	X	X	X
4.2.4.1.2.4	Taglio		X	X
4.2.4.1.2.5	Torsione		X	X
	Flessione, taglio e forza assiale		X	X
4.2.4.1.3.1	Aste compresse	X	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X	X
4.2.4.1.3.3	Membrature inflesse e compresse		X	X

Ai fini delle verifiche per strutture dissipative (come da D.M. 17 Gennaio 2018 e 2018 e circolare 21 Gennaio 2019 n.7) per strutture intelaiate e a controventi concentrici) si considerano le verifiche del capitolo 4 con azioni amplificate e le verifiche del capitolo 7:

Verifica		**Travi**	**Pilastri**
4.2.4.1.2.1	Trazione	X	X
4.2.4.1.2.2	Compressione	X	X
4.2.4.1.2.4	Taglio	X	X
4.2.4.1.2.5	Torsione	X	X
	Flessione, taglio e forza assiale	X	X
4.2.4.1.3.1	Aste compresse	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X
7.5.3	Sfruttamento per momento	X	
7.5.4	Sfruttamento per sforzo normale	X	
7.5.5	Sfruttamento per taglio da capacità flessionale	X	
7.5.9	Sfruttamento per taglio amplificato		X

Viene inoltre riportata la verifica della "Gerarchia delle resistenze trave-colonna" per ogni colonna, considerando piede e testa in entrambe le direzioni globali X e Y.

L' insieme delle verifiche sopra riportate è condotto sugli elementi purché dotati di sezione idonea come da tabella seguente:

	Azione	SEZIONI GENERICHE	PROFILI SEMPLICI	PROFILI ACCOPPIATI
4.2.3.1	Classificazione automatica	L, doppio T, C, rettangolare cava, circolare cava	Tutti	Da profilo semplice
4.2.3.1	Classificazione di default 2	Circolare		
4.2.3.1	Classificazione di default 3	restanti		
4.2.4.1.2.1	Trazione	si	si	si
4.2.4.1.2.2	Compressione	si	si	si
4.2.4.1.2.4	Taglio	si	si	si
4.2.4.1.2.5	Torsione	si	si	si
	Flessione, taglio e forza assiale	si	si	si
4.2.4.1.3.1	Aste compresse	si	si	per elementi ravvicinati e a croce o coppie calastrellate
4.2.4.1.3.2	Travi inflesse	doppio T simmetrica	doppio T	no

Le verifiche sono riportate in tabelle con il significato sotto indicato; le verifiche sono espresse dal rapporto tra l' azione di progetto e la capacità ultima, pertanto la verifica ha esito positivo per rapporti non superiori all' unità.

Asta	**Trave**	**Pilastro**	numero dell'elemento
Stato			codice di verifica per resistenza, stabilità, svergolamento
Note			sezione e materiali adottati per l'elemento
V N			(ASTE) verifica come da par. 4.2.4.1.2 per punto (4.2.6) e (4.2.10)
V V/T			(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni taglio-torsione (4.2.16 e 4.2.28)

V N/M	(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni composte (4.2.33) con riduzione per taglio (4.2.40) ove richiesto
N M3 M2 V2 V3 T	sollecitazioni di interesse per la verifica
V stab	(ASTE) verifica come da par. 4.2.4.1.3.1 per punto (4.2.41)
V stab	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.3 per punti (C4.2.32) o (C4.2.36) (membrature inflesse e compresse senza/con presenza di instabilità flesso-torsionale)
BetaxL B22xL B33xL	lunghezze libere di inflessione (se indicato riferiti al piano di normale 22 o 33 rispettivamente)
Snellezza	snellezza massima
Classe	classe del profilo
Chi mn	coefficiente di riduzione (della capacità) per la modalità di instabilità pertinente
Rif. cmb	combinazioni in cui si sono rispettivamente attinti i valori di verifica più elevati
V flst	(TRAVI E PILASTRI) verifica di stabilità come da par. 4.2.4.1.3.2 per punto (4.2.48)
B1-1 x L	Beta1-1 x L: interasse tra i ritegni torsionali
Chi LT	coefficiente di riduzione (della capacità) per la modalità di instabilità flesso-torsionale
Snell adim	Valore della snellezza adimensionale, utilizzato per il controllo previsto al par. 7.5.5
v.Omeg	Valore del rapporto capacità/domanda per l' azione di interesse (momento per travi e azione assiale per aste) utilizzato per l' amplificazione delle azioni
f.Om. N	Fattore di amplificazione delle azioni assiali per travi e colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.5
f.Om. T	Fattore di amplificazione delle azioni (assiali, flettenti e taglianti) per colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.4
V.7.5.4 M Ed	Verifica come prevista al punto 7.5.4 e valore dell' azione flettente
V.7.5.5 N Ed	Verifica come prevista al punto 7.5.5 e valore dell' azione assiale
V.7.5.6 V Ed,G V Ed,M	Verifica come prevista al punto 7.5.6 e valore dei tagli dovuti ai carichi e alla capacità
V.7.5.10 V Ed	Verifica come prevista al punto 7.5.10 e valore dell' azione di taglio
sovr. Xi (Xf, Yi, Yf)	Valore della sovraresistenza come prevista al par. 7.5.4.2 (i valori non sono normalizzati pertanto saranno maggiori uguali a gamma rd in base alla classe di duttilità)

Nel caso in cui lambdaS sia minore di 0.2, oppure nel caso in cui la sollecitazione di calcolo NEd sia inferiore a 0.04 Ncr, gli effetti legati ai fenomeni di instabilità sono trascurati, come da paragrafo 4.2.4.1.3.1

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Settembre 2014, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
56	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
57	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
58	LUCE LIBERA DI COLONNE IN ACCIAIO
59	SVERGOLAMENTO DI TRAVI IN ACCIAIO
61	ACCIAIO D.M. 2008
63	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
64	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
74	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D

Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
1	ok	s=3,m=13	0.09	0.05		3					0.02	0.3	1.00	9,25,0,9
26	ok	s=3,m=13	0.06	0.14		3					0.09	0.3	1.00	53,42,0,53
32	ok	s=9,m=13	2.12e-03	0.06		3					1.26e-03	0.3	1.00	10,14,0,42
37	ok	s=3,m=13	0.02	0.07		3					0.04	0.2	1.00	225,42,0,45
38	ok	s=3,m=13	0.03	0.06		3					0.04	0.2	1.00	225,42,0,53
39	ok	s=3,m=13	0.03	0.05		3					0.04	0.3	1.00	225,42,0,45
42	ok	s=3,m=13	0.10	0.29	0.31	3	0.9	0.5	68.6	0.60	0.20	0.3	1.00	111,30,42,30
43	ok	s=3,m=13	0.09	0.05		3					0.03	0.1	1.00	30,42,0,45
46	ok	s=3,m=13	0.02	0.07		3					0.02	0.3	1.00	38,25,0,45
53	ok	s=3,m=13	0.03	0.05		3					0.04	0.2	1.00	225,41,0,53
54	ok	s=3,m=13	0.04	0.04		3					0.03	0.3	1.00	29,51,0,59
55	ok	s=3,m=13	0.02	0.06		3					0.04	0.2	1.00	225,41,0,53
56	ok	s=3,m=13	0.02	0.06		3					0.03	0.2	1.00	111,41,0,29
57	ok	s=3,m=13	0.05	0.08		3					0.03	0.2	1.00	2,41,0,45
72	ok	s=3,m=13	0.02	0.06		3					0.03	0.2	1.00	125,41,0,29
73	ok	s=3,m=13	0.04	0.06		3					0.03	0.1	1.00	45,41,0,29

Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
75	ok	s=3,m=13	0.03	0.06		3					0.02	0.2	1.00	45,25,0,45
76	ok	s=3,m=13	0.02	0.06		3					0.02	0.2	1.00	45,41,0,125
77	ok	s=3,m=13	0.02	0.08		3					0.06	0.2	1.00	225,125,0,59
87	ok	s=3,m=13	0.08	0.08		3					0.02	0.3	1.00	13,41,0,45
88	ok	s=3,m=13	0.04	0.07		3					0.05	0.1	1.00	13,51,0,59
110	ok	s=3,m=13	0.03	0.06		3					0.05	0.1	1.00	51,51,0,59
115	ok	s=3,m=13	0.04	0.08		3					0.05	0.1	1.00	51,125,0,59
116	ok	s=3,m=13	0.02	0.06		3					0.02	0.2	1.00	126,41,0,225
117	ok	s=3,m=13	0.02	0.05		3					0.02	0.2	1.00	125,41,0,53
118	ok	s=3,m=13	0.02	0.05		3					0.02	0.1	1.00	225,41,0,53
119	ok	s=3,m=13	0.02	0.05		3					0.03	0.1	1.00	225,125,0,59
120	ok	s=3,m=13	0.02	0.06		3					0.05	0.2	1.00	225,125,0,59
135	ok	s=3,m=13	0.04	0.07		3					0.05	0.3	1.00	13,59,0,59
136	ok	s=3,m=13	0.03	0.07		3					0.04	0.3	1.00	53,59,0,59
137	ok	s=3,m=13	0.06	0.05		3					0.04	0.1	1.00	30,10,0,45
138	ok	s=3,m=13	0.04	0.05		3					0.02	0.3	1.00	45,42,0,30
139	ok	s=3,m=13	0.03	0.06		3					0.03	0.2	1.00	111,42,0,30
140	ok	s=3,m=13	0.02	0.07		3					0.04	0.2	1.00	111,42,0,71
141	ok	s=9,m=13	4.25e-03	0.16		3					2.60e-03	0.3	1.00	13,13,0,13
161	ok	s=3,m=13	0.19	0.06		3					0.05	0.1	1.00	2,1,0,14
165	ok	s=3,m=13	0.12	0.26		3					0.21	0.3	1.00	111,30,0,30
166	ok	s=3,m=13	0.11	0.04		3					0.03	0.1	1.00	25,10,0,26
174	ok	s=3,m=13	0.19	0.08		3					0.05	0.3	1.00	1,10,0,1
175	ok	s=3,m=13	0.19	0.09		3					0.05	0.3	1.00	1,26,0,1
176	ok	s=9,m=13	4.24e-03	0.18		3					2.60e-03	0.3	1.00	25,30,0,25
177	ok	s=3,m=13	0.09	0.12		3					0.09	0.3	1.00	25,10,0,26
178	ok	s=3,m=13	0.10	0.05		3					0.03	0.1	1.00	25,10,0,42
179	ok	s=3,m=13	0.08	0.13		3					0.10	0.5	0.99	9,9,0,9
180	ok	s=3,m=13	0.18	0.08		3					0.05	0.1	1.00	2,25,0,14
181	ok	s=3,m=13	0.17	0.20		3					0.18	0.3	1.00	2,13,0,14
182	ok	s=3,m=13	0.17	0.27		3					0.22	0.5	0.99	1,2,0,1
183	ok	s=3,m=13	0.16	0.26		3					0.21	0.5	0.99	1,2,0,1
184	ok	s=9,m=13	1.75e-03	0.06		3					4.16e-03	0.6	0.95	2,14,0,29
185	ok	s=9,m=13	3.72e-03	0.17		3					0.01	0.6	0.95	13,13,0,42
186	ok	s=9,m=13	3.72e-03	0.19		3					0.01	0.6	0.95	13,30,0,25
187	ok	s=9,m=13	2.15e-03	0.06		3					1.31e-03	0.3	1.00	65,29,0,57
188	ok	s=9,m=13	4.24e-03	0.16		3					2.60e-03	0.3	1.00	26,13,0,42
189	ok	s=9,m=13	4.24e-03	0.18		3					2.60e-03	0.3	1.00	25,30,0,25
195	ok	s=3,m=13	0.14	0.22		3					0.18	0.5	0.99	30,2,0,1
196	ok	s=3,m=13	0.07	0.26		3					0.22	0.5	1.00	30,2,0,1
197	ok	s=3,m=13	0.18	0.32		3					0.27	0.3	1.00	30,30,0,30
198	ok	s=3,m=13	0.14	0.24		3					0.19	0.5	0.99	30,2,0,1
199	ok	s=3,m=13	0.06	0.27		3					0.23	0.5	1.00	30,2,0,1
200	ok	s=3,m=13	0.18	0.32		3					0.25	0.2	1.00	30,30,0,30
201	ok	s=3,m=13	0.16	0.21		3					0.18	0.3	1.00	2,13,0,14
202	ok	s=3,m=13	0.06	0.11		3					0.08	0.5	0.99	42,9,0,9
203	ok	s=3,m=13	0.03	0.13		3					0.10	0.5	0.99	42,9,0,9
204	ok	s=3,m=13	0.07	0.16		3					0.12	0.3	1.00	42,42,0,53
205	ok	s=3,m=13	0.08	0.12		3					0.09	0.3	1.00	25,10,0,26
Trave			**V V/T**	**V N/M**	**V stab**		**LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**	
										0.60			0.95	
			0.19	0.32	0.31		0.90	0.52	68.62		0.27	0.62		

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V[7.5.4]	M Ed	V[7.5.5]	N Ed	V[7.5.6]	V Ed,G	V Ed,M
								kN m		kN		kN	kN
1							0.0	0.0	0.0	0.0	0.0	0.0	0.0
26							0.0	0.0	0.0	0.0	0.0	0.0	0.0
32							0.0	0.0	0.0	0.0	0.0	0.0	0.0
37							0.0	0.0	0.0	0.0	0.0	0.0	0.0
38							0.0	0.0	0.0	0.0	0.0	0.0	0.0
39							0.0	0.0	0.0	0.0	0.0	0.0	0.0
42							0.0	0.0	0.0	0.0	0.0	0.0	0.0
43							0.0	0.0	0.0	0.0	0.0	0.0	0.0
46							0.0	0.0	0.0	0.0	0.0	0.0	0.0
53							0.0	0.0	0.0	0.0	0.0	0.0	0.0
54							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V[7.5.4]	M Ed	V[7.5.5]	N Ed	V[7.5.6]	V Ed,G	V Ed,M
55							0.0	0.0	0.0	0.0	0.0	0.0	0.0
56							0.0	0.0	0.0	0.0	0.0	0.0	0.0
57							0.0	0.0	0.0	0.0	0.0	0.0	0.0
72							0.0	0.0	0.0	0.0	0.0	0.0	0.0
73							0.0	0.0	0.0	0.0	0.0	0.0	0.0
75							0.0	0.0	0.0	0.0	0.0	0.0	0.0
76							0.0	0.0	0.0	0.0	0.0	0.0	0.0
77							0.0	0.0	0.0	0.0	0.0	0.0	0.0
87							0.0	0.0	0.0	0.0	0.0	0.0	0.0
88							0.0	0.0	0.0	0.0	0.0	0.0	0.0
110							0.0	0.0	0.0	0.0	0.0	0.0	0.0
115							0.0	0.0	0.0	0.0	0.0	0.0	0.0
116							0.0	0.0	0.0	0.0	0.0	0.0	0.0
117							0.0	0.0	0.0	0.0	0.0	0.0	0.0
118							0.0	0.0	0.0	0.0	0.0	0.0	0.0
119							0.0	0.0	0.0	0.0	0.0	0.0	0.0
120							0.0	0.0	0.0	0.0	0.0	0.0	0.0
135							0.0	0.0	0.0	0.0	0.0	0.0	0.0
136							0.0	0.0	0.0	0.0	0.0	0.0	0.0
137							0.0	0.0	0.0	0.0	0.0	0.0	0.0
138							0.0	0.0	0.0	0.0	0.0	0.0	0.0
139							0.0	0.0	0.0	0.0	0.0	0.0	0.0
140							0.0	0.0	0.0	0.0	0.0	0.0	0.0
141							0.0	0.0	0.0	0.0	0.0	0.0	0.0
161							0.0	0.0	0.0	0.0	0.0	0.0	0.0
165							0.0	0.0	0.0	0.0	0.0	0.0	0.0
166							0.0	0.0	0.0	0.0	0.0	0.0	0.0
174							0.0	0.0	0.0	0.0	0.0	0.0	0.0
175							0.0	0.0	0.0	0.0	0.0	0.0	0.0
176							0.0	0.0	0.0	0.0	0.0	0.0	0.0
177							0.0	0.0	0.0	0.0	0.0	0.0	0.0
178							0.0	0.0	0.0	0.0	0.0	0.0	0.0
179							0.0	0.0	0.0	0.0	0.0	0.0	0.0
180							0.0	0.0	0.0	0.0	0.0	0.0	0.0
181							0.0	0.0	0.0	0.0	0.0	0.0	0.0
182							0.0	0.0	0.0	0.0	0.0	0.0	0.0
183							0.0	0.0	0.0	0.0	0.0	0.0	0.0
184							0.0	0.0	0.0	0.0	0.0	0.0	0.0
185							0.0	0.0	0.0	0.0	0.0	0.0	0.0
186							0.0	0.0	0.0	0.0	0.0	0.0	0.0
187							0.0	0.0	0.0	0.0	0.0	0.0	0.0
188							0.0	0.0	0.0	0.0	0.0	0.0	0.0
189							0.0	0.0	0.0	0.0	0.0	0.0	0.0
195							0.0	0.0	0.0	0.0	0.0	0.0	0.0
196							0.0	0.0	0.0	0.0	0.0	0.0	0.0
197							0.0	0.0	0.0	0.0	0.0	0.0	0.0
198							0.0	0.0	0.0	0.0	0.0	0.0	0.0
199							0.0	0.0	0.0	0.0	0.0	0.0	0.0
200							0.0	0.0	0.0	0.0	0.0	0.0	0.0
201							0.0	0.0	0.0	0.0	0.0	0.0	0.0
202							0.0	0.0	0.0	0.0	0.0	0.0	0.0
203							0.0	0.0	0.0	0.0	0.0	0.0	0.0
204							0.0	0.0	0.0	0.0	0.0	0.0	0.0
205							0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trave	**v.Omeg**			**V N/M**	**V stab**		**V[7.5.4]**	**M Ed**	**V[7.5.5]**	**N Ed**	**V[7.5.6]**	**V Ed,G**	**V Ed,M**
								0.0		0.0		0.0	0.0
							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Pilas.	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
27	ok	s=3,m=13	0.01	0.41	0.52	3	0.7	0.4	50.1	0.75	0.05	0.3	1.00	68,29,30,59
33	ok	s=3,m=13	0.02	0.33	0.41	3	0.7	0.4	50.1	0.75	0.06	0.2	1.00	51,29,29,51
34	ok	s=3,m=13	6.40e-04	0.05		3					7.22e-04	0.2	1.00	65,30,0,65
111	ok	s=3,m=13	0.03	0.27	0.24	3	0.7	0.4	50.1	0.75	0.08	0.2	1.00	51,225,29,59
112	ok	s=3,m=13	6.83e-04	0.08		3					2.64e-03	0.3	1.00	111,2,0,10
142	ok	s=3,m=13	4.11e-04	0.02		3					4.68e-04	0.2	1.00	53,30,0,101

Pilas.	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
190	ok	s=3,m=13	0.02	0.34	0.42	3	0.7	0.4	50.1	0.75	0.06	0.2	1.00	51,29,29,51
191	ok	s=3,m=13	4.95e-04	0.05		3					2.64e-03	0.2	1.00	10,2,0,10
192	ok	s=3,m=13	0.03	0.30	0.25	3	0.7	0.4	50.1	0.75	0.10	0.2	1.00	51,225,13,51
193	ok	s=3,m=13	5.41e-04	0.08		3					2.26e-03	0.2	1.00	65,2,0,65
194	ok	s=3,m=13	1.22e-04	0.02		3					4.68e-04	0.3	1.00	101,14,0,101
Pilas.			**V V/T**	**V N/M**	**V stab**		**LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**	
										0.75			1.00	
			0.03	0.41	0.52		0.66	0.38	50.14		0.10	0.28		

Pilas.	f.Om. N	f.Om. T	Stato	V V/T	V N/M	V stab	V flst	Rif. cmb	V[7.5.10]	V Ed	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf
										kN				
27	0.0	0.0	ok	0.0	0.0			0,0,0,0						
33	0.0	0.0	ok	0.0	0.0			0,0,0,0						
34	0.0	0.0	ok	0.0	0.0			0,0,0,0						
111	0.0	0.0	ok	0.0	0.0			0,0,0,0						
112	0.0	0.0	ok	0.0	0.0			0,0,0,0						
142	0.0	0.0	ok	0.0	0.0			0,0,0,0						
190	0.0	0.0	ok	0.0	0.0			0,0,0,0						
191	0.0	0.0	ok	0.0	0.0			0,0,0,0						
192	0.0	0.0	ok	0.0	0.0			0,0,0,0						
193	0.0	0.0	ok	0.0	0.0			0,0,0,0						
194	0.0	0.0	ok	0.0	0.0			0,0,0,0						
Pilas.				**V V/T**	**V N/M**	**V stab**	**V flst**		**V[7.5.10]**	**V Ed**	**sovr. Xi**	**sovr. Xf**	**sovr. Yi**	**sovr. Yf**
				0.0	0.0									

STATI LIMITE D' ESERCIZIO ACCIAIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO ACCIAIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, per gli elementi trave, i risultati relativi alle combinazioni considerate (rare o caratteristiche).

I valori di interesse sono i seguenti:

f*1000/L	massima deformazione normalizzata in combinazioni rare

Si precisa che i valori di massima deformazione per travi sono riferiti ai due piani locali (1-2 con momenti flettenti 3-3 e 1-3 con momenti flettenti 2-2). Il valore riportato (massimo) è espresso in 1000/L per rendere agevole il confronto di più valori e in particolare di più range di valori (ad esempio 2 rappresenta L/500, 4 L/250 e cosi via).

Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L
1	0.6	26	0.9	32	0.3	37	0.4	38	0.6	39	0.6	42	1.3
43	4.67e-02	46	0.6	53	0.8	54	0.9	55	0.7	56	0.4	57	0.3
72	0.6	73	0.3	75	0.6	76	0.6	77	0.7	87	0.3	88	0.8
110	0.7	115	0.5	116	0.7	117	0.8	118	0.8	119	0.8	120	0.8
135	0.7	136	0.6	137	2.55e-02	138	3.74e-02	139	0.1	140	0.3	141	0.3
161	0.6	165	1.3	166	0.3	174	1.7	175	2.0	176	0.4	177	8.61e-02
178	1.1	179	0.3	180	1.7	181	0.2	182	1.4	183	1.1	184	0.3
185	0.5	186	0.6	187	0.4	188	0.7	189	0.8	195	2.3	196	0.7
197	2.2	198	2.1	199	0.5	200	2.2	201	1.2	202	1.4	203	0.7
204	1.3	205	0.8										

VERIFICHE PER ELEMENTI IN ACCIAIO FACCIATA

LEGENDA TABELLA VERIFICHE PER ELEMENTI IN ACCIAIO

Il programma consente la verifica dei seguenti tipi di elementi:
1. **aste** 2. **travi** 3. **pilastri**
L'esito delle verifiche è espresso con un codice come di seguito indicato

Ok: verifica con esito positivo
NV: verifica con esito negativo
Nr: verifica non richiesta.

Per comodità gli elementi vengono raggruppati in tabelle in relazione al tipo.

Ai fini delle verifiche (come da D.M. 17 Gennaio 2018 e circolare 21 Gennaio 2019 n.7) i tipi elementi differiscono per i seguenti aspetti:

Verifica		**Aste**	**Travi**	**Pilastri**
4.2.3.1	Classificazione	X	X	X
4.2.4.1.2.1	Trazione	X	X	X
4.2.4.1.2.2	Compressione	X	X	X
4.2.4.1.2.4	Taglio		X	X
4.2.4.1.2.5	Torsione		X	X
	Flessione, taglio e forza assiale		X	X
4.2.4.1.3.1	Aste compresse	X	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X	X
4.2.4.1.3.3	Membrature inflesse e compresse		X	X

Ai fini delle verifiche per strutture dissipative (come da D.M. 17 Gennaio 2018 e 2018 e circolare 21 Gennaio 2019 n.7) per strutture intelaiate e a controventi concentrici) si considerano le verifiche del capitolo 4 con azioni amplificate e le verifiche del capitolo 7:

Verifica		**Travi**	**Pilastri**
4.2.4.1.2.1	Trazione	X	X
4.2.4.1.2.2	Compressione	X	X
4.2.4.1.2.4	Taglio	X	X
4.2.4.1.2.5	Torsione	X	X
	Flessione, taglio e forza assiale	X	X
4.2.4.1.3.1	Aste compresse	X	X
4.2.4.1.3.2	Instabilità flesso-torsionale		X
7.5.3	Sfruttamento per momento	X	
7.5.4	Sfruttamento per sforzo normale	X	
7.5.5	Sfruttamento per taglio da capacità flessionale	X	
7.5.9	Sfruttamento per taglio amplificato		X

Viene inoltre riportata la verifica della "Gerarchia delle resistenze trave-colonna" per ogni colonna, considerando piede e testa in entrambe le direzioni globali X e Y.

L' insieme delle verifiche sopra riportate è condotto sugli elementi purché dotati di sezione idonea come da tabella seguente:

	Azione	SEZIONI GENERICHE	PROFILI SEMPLICI	PROFILI ACCOPPIATI
4.2.3.1	Classificazione automatica	L, doppio T, C, rettangolare cava, circolare cava	Tutti	Da profilo semplice
4.2.3.1	Classificazione di default 2	Circolare		
4.2.3.1	Classificazione di default 3	restanti		
4.2.4.1.2.1	Trazione	si	si	si
4.2.4.1.2.2	Compressione	si	si	si
4.2.4.1.2.4	Taglio	si	si	si
4.2.4.1.2.5	Torsione	si	si	si
	Flessione, taglio e forza assiale	si	si	si
4.2.4.1.3.1	Aste compresse	si	si	per elementi ravvicinati e a croce o coppie calastrellate
4.2.4.1.3.2	Travi inflesse	doppio T simmetrica	doppio T	no

Le verifiche sono riportate in tabelle con il significato sotto indicato; le verifiche sono espresse dal rapporto tra l' azione di progetto e la capacità ultima, pertanto la verifica ha esito positivo per rapporti non superiori all' unità.

Asta	**Trave**	**Pilastro**	numero dell'elemento
Stato			codice di verifica per resistenza, stabilità, svergolamento
Note			sezione e materiali adottati per l'elemento
V N			(ASTE) verifica come da par. 4.2.4.1.2 per punto (4.2.6) e (4.2.10)
V V/T			(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni taglio-torsione (4.2.16 e 4.2.28)

V N/M	(TRAVI E PILASTRI) verifica di resistenza come da par. 4.2.4.1.2 per azioni composte (4.2.33) con riduzione per taglio (4.2.40) ove richiesto
N M3 M2 V2 V3 T	sollecitazioni di interesse per la verifica
V stab	(ASTE) verifica come da par. 4.2.4.1.3.1 per punto (4.2.41)
V stab	(TRAVI E PILASTRI) verifica come da par. 4.2.4.1.3 per punti (C4.2.32) o (C4.2.36) (membrature inflesse e compresse senza/con presenza di instabilità flesso-torsionale)
BetaxL B22xL B33xL	lunghezze libere di inflessione (se indicato riferiti al piano di normale 22 o 33 rispettivamente)
Snellezza	snellezza massima
Classe	classe del profilo
Chi mn	coefficiente di riduzione (della capacità) per la modalità di instabilità pertinente
Rif. cmb	combinazioni in cui si sono rispettivamente attinti i valori di verifica più elevati
V flst	(TRAVI E PILASTRI) verifica di stabilità come da par. 4.2.4.1.3.2 per punto (4.2.48)
B1-1 x L	Beta1-1 x L: interasse tra i ritegni torsionali
Chi LT	coefficiente di riduzione (della capacità) per la modalità di instabilità flesso-torsionale
Snell adim	Valore della snellezza adimensionale, utilizzato per il controllo previsto al par. 7.5.5
v.Omeg	Valore del rapporto capacità/domanda per l' azione di interesse (momento per travi e azione assiale per aste) utilizzato per l' amplificazione delle azioni
f.Om. N	Fattore di amplificazione delle azioni assiali per travi e colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.5
f.Om. T	Fattore di amplificazione delle azioni (assiali, flettenti e taglianti) per colonne (prodotto di 1.1 x Omega x gamma rd materiale); utilizzato come specificato al par. 7.5.4
V.7.5.4 M Ed	Verifica come prevista al punto 7.5.4 e valore dell' azione flettente
V.7.5.5 N Ed	Verifica come prevista al punto 7.5.5 e valore dell' azione assiale
V.7.5.6 V Ed,G V Ed,M	Verifica come prevista al punto 7.5.6 e valore dei tagli dovuti ai carichi e alla capacità
V.7.5.10 V Ed	Verifica come prevista al punto 7.5.10 e valore dell' azione di taglio
sovr. Xi (Xf, Yi, Yf)	Valore della sovraresistenza come prevista al par. 7.5.4.2 (i valori non sono normalizzati pertanto saranno maggiori uguali a gamma rd in base alla classe di duttilità)

Nel caso in cui lambdaS sia minore di 0.2, oppure nel caso in cui la sollecitazione di calcolo NEd sia inferiore a 0.04 Ncr, gli effetti legati ai fenomeni di instabilità sono trascurati, come da paragrafo 4.2.4.1.3.1

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Settembre 2014, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
56	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
57	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
58	LUCE LIBERA DI COLONNE IN ACCIAIO
59	SVERGOLAMENTO DI TRAVI IN ACCIAIO
61	ACCIAIO D.M. 2008
63	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
64	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
74	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D

Trave	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
2	ok	s=8,m=13	0.02	0.13		3					0.03	0.5	1.00	54,54,0,54
3	ok	s=8,m=13	0.01	0.10		3					0.03	0.4	1.00	36,53,0,54
5	ok	s=8,m=13	0.01	0.07		3					0.02	0.4	1.00	54,45,0,54
220	ok	s=8,m=13	0.01	0.12		3					0.03	0.5	1.00	16,53,0,54
221	ok	s=8,m=13	0.01	0.11		3					0.03	0.5	1.00	54,13,0,54
222	ok	s=8,m=13	0.02	0.12		3					0.03	0.5	1.00	56,14,0,56
223	ok	s=8,m=13	0.02	0.12		3					0.03	0.5	1.00	35,53,0,56
224	ok	s=8,m=13	0.01	0.07		3					0.02	0.3	1.00	54,29,0,54
225	ok	s=8,m=13	0.01	0.09		3					0.03	0.4	1.00	34,54,0,54
226	ok	s=8,m=13	0.02	0.13		3					0.03	0.5	1.00	54,14,0,54
Trave			**V V/T**	**V N/M**	**V stab**		**LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**	
													1.00	
			0.02	0.13							0.03	0.47		

Trave	v.Omeg	f.Om. N	Stato	V N/M	V stab	Rif. cmb	V[7.5.4]	M Ed	V[7.5.5]	N Ed	V[7.5.6]	V Ed,G	V Ed,M
								kN m		kN		kN	kN
2							0.0	0.0	0.0	0.0	0.0	0.0	0.0
3							0.0	0.0	0.0	0.0	0.0	0.0	0.0
5							0.0	0.0	0.0	0.0	0.0	0.0	0.0
220							0.0	0.0	0.0	0.0	0.0	0.0	0.0
221							0.0	0.0	0.0	0.0	0.0	0.0	0.0
222							0.0	0.0	0.0	0.0	0.0	0.0	0.0
223							0.0	0.0	0.0	0.0	0.0	0.0	0.0
224							0.0	0.0	0.0	0.0	0.0	0.0	0.0
225							0.0	0.0	0.0	0.0	0.0	0.0	0.0
226							0.0	0.0	0.0	0.0	0.0	0.0	0.0
Trave	**v.Omeg**			**V N/M**	**V stab**		**V[7.5.4]**	**M Ed**	**V[7.5.5]**	**N Ed**	**V[7.5.6]**	**V Ed,G**	**V Ed,M**
								0.0		0.0		0.0	0.0
							0.0	0.0	0.0	0.0	0.0	0.0	0.0

Pilas.	Stato	Note	V V/T	V N/M	V stab	Cl.	LamS 22	LamS 33	Snell.	Chi mn	V flst	LamS LT	Chi LT	Rif. cmb
204	ok	s=8,m=13	0.02	0.19	0.27	3	0.8	1.6	120.4	0.32	0.12	0.2	1.00	54,54,54,53
205	ok	s=8,m=13	1.23e-03	0.11	0.20	3	0.8	1.6	120.4	0.32	0.06	0.3	1.00	46,54,54,54
206	ok	s=8,m=13	0.02	0.11	0.18	3	0.8	1.6	120.4	0.32	0.06	0.3	1.00	35,54,54,54
207	ok	s=8,m=13	0.02	0.19	0.29	3	0.8	1.6	120.4	0.32	0.10	0.2	1.00	53,53,54,53
208	ok	s=8,m=13	1.78e-03	0.14	0.25	3	0.8	1.6	120.4	0.32	0.05	0.3	1.00	46,54,54,54
209	ok	s=8,m=13	0.02	0.14	0.22	3	0.8	1.6	120.4	0.32	0.06	0.3	1.00	35,54,54,54
210	ok	s=8,m=13	0.03	0.25	0.35	3	0.8	1.6	120.4	0.32	0.15	0.2	1.00	54,54,54,53
211	ok	s=8,m=13	2.50e-03	0.15	0.28	3	0.8	1.6	120.4	0.32	0.07	0.3	1.00	46,54,54,54
212	ok	s=8,m=13	0.02	0.16	0.27	3	0.8	1.6	120.4	0.32	0.08	0.3	1.00	35,54,54,54
213	ok	s=8,m=13	0.03	0.25	0.33	3	0.8	1.6	120.4	0.32	0.15	0.2	1.00	54,53,53,54
214	ok	s=8,m=13	2.42e-03	0.14	0.24	3	0.8	1.6	120.4	0.32	0.07	0.3	1.00	46,54,53,54
215	ok	s=8,m=13	0.02	0.15	0.23	3	0.8	1.6	120.4	0.32	0.08	0.3	1.00	36,54,54,54
278	ok	s=8,m=13	1.23e-03	0.12	0.20	3	0.8	1.6	120.4	0.32	0.06	0.3	1.00	46,54,54,54
279	ok	s=8,m=13	0.02	0.15	0.19	3	0.8	1.6	120.4	0.32	0.08	0.2	1.00	35,53,54,35
280	ok	s=8,m=13	1.78e-03	0.14	0.25	3	0.8	1.6	120.4	0.32	0.06	0.3	1.00	46,54,54,54
281	ok	s=8,m=13	0.02	0.12	0.20	3	0.8	1.6	120.4	0.32	0.07	0.3	1.00	35,14,54,35
282	ok	s=8,m=13	2.50e-03	0.16	0.29	3	0.8	1.6	120.4	0.32	0.08	0.3	1.00	46,54,54,54
283	ok	s=8,m=13	0.02	0.16	0.25	3	0.8	1.6	120.4	0.32	0.09	0.3	1.00	35,54,54,35
284	ok	s=8,m=13	2.42e-03	0.15	0.25	3	0.8	1.6	120.4	0.32	0.08	0.3	1.00	46,53,53,54
285	ok	s=8,m=13	0.02	0.16	0.22	3	0.8	1.6	120.4	0.32	0.10	0.3	1.00	36,54,53,35
Pilas.			**V V/T**	**V N/M**	**V stab**		**LamS 22**	**LamS 33**	**Snell.**	**Chi mn**	**V flst**	**LamS LT**	**Chi LT**	
										0.32			1.00	
			0.03	0.25	0.35		0.80	1.58	120.37		0.15	0.33		

Pilas.	f.Om. N	f.Om. T	Stato	V V/T	V N/M	V stab	V flst	Rif. cmb	V[7.5.10]	V Ed	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf
										kN				
204	0.0	0.0	ok	0.0	0.0			0,0,0,0						
205	0.0	0.0	ok	0.0	0.0			0,0,0,0						
206	0.0	0.0	ok	0.0	0.0			0,0,0,0						
207	0.0	0.0	ok	0.0	0.0			0,0,0,0						
208	0.0	0.0	ok	0.0	0.0			0,0,0,0						
209	0.0	0.0	ok	0.0	0.0			0,0,0,0						
210	0.0	0.0	ok	0.0	0.0			0,0,0,0						
211	0.0	0.0	ok	0.0	0.0			0,0,0,0						
212	0.0	0.0	ok	0.0	0.0			0,0,0,0						
213	0.0	0.0	ok	0.0	0.0			0,0,0,0						
214	0.0	0.0	ok	0.0	0.0			0,0,0,0						
215	0.0	0.0	ok	0.0	0.0			0,0,0,0						
278	0.0	0.0	ok	0.0	0.0			0,0,0,0						
279	0.0	0.0	ok	0.0	0.0			0,0,0,0						
280	0.0	0.0	ok	0.0	0.0			0,0,0,0						
281	0.0	0.0	ok	0.0	0.0			0,0,0,0						

Pilas.	f.Om. N	f.Om. T	Stato	V V/T	V N/M	V stab	V flst	Rif. cmb	V[7.5.10]	V Ed	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf
282	0.0	0.0	ok	0.0	0.0			0,0,0,0						
283	0.0	0.0	ok	0.0	0.0			0,0,0,0						
284	0.0	0.0	ok	0.0	0.0			0,0,0,0						
285	0.0	0.0	ok	0.0	0.0			0,0,0,0						
Pilas.				**V V/T**	**V N/M**	**V stab**	**V flst**		**V[7.5.10]**	**V Ed**	**sovr. Xi**	**sovr. Xf**	**sovr. Yi**	**sovr. Yf**
				0.0	0.0									

STATI LIMITE D' ESERCIZIO ACCIAIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO ACCIAIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, per gli elementi trave, i risultati relativi alle combinazioni considerate (rare o caratteristiche).

I valori di interesse sono i seguenti:

f*1000/L	massima deformazione normalizzata in combinazioni rare

Si precisa che i valori di massima deformazione per travi sono riferiti ai due piani locali (1-2 con momenti flettenti 3-3 e 1-3 con momenti flettenti 2-2). Il valore riportato (massimo) è espresso in 1000/L per rendere agevole il confronto di più valori e in particolare di più range di valori (ad esempio 2 rappresenta L/500, 4 L/250 e cosi via).

Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L	Trave	f*1000/L
2	1.4	3	0.5	5	7.37e-02	220	0.6	221	1.4	222	1.2	223	0.5
224	9.02e-02	225	0.4	226	1.3								

VERIFICA SCALA

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata.*

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV,** il rapporto x/d, la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento,* riportando in tabella il rapporto x/d, la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattorei di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione "*Singolo Elemento …*" è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento
Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO

Per gli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*" è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Per le verifiche degli elementi con progettazione "*Singolo Elemento …*" e *Progettazione Composta* è presente una tabella

con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e\o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e\o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria
V sec-	Verifica dell'armatura nella direzione secondaria

Per le verifiche degli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*", oltre alla tabella con le verifiche per gli elementi con progettazione "*Singolo Elemento …*", è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]

A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato Ned/(bw fyd)

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armatura in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armatura in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:
"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
4	25.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
4749	ok	0.0	1.0	5.82e-02	5.7	5.7	5.7	13.3	-82.1	-48.0	-9.1	5.2	88.8	0.8
10050	ok	0.0	0.5	1.62e-02	5.7	5.7	5.7	5.7	13.2	-11.8	24.7	-18.4	-8.3	2.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
10110	ok	0.0	0.9	2.72e-02	5.7	5.7	5.7	8.8	-2.3	14.2	-12.8	9.3	47.0	-8.9
10112	ok	0.0	1.0	4.84e-02	5.7	7.3	5.7	11.3	-21.2	16.9	43.9	17.5	54.5	6.3
10113	ok	0.0	1.0	4.77e-02	5.7	6.4	5.7	8.3	-36.1	-11.3	50.8	15.6	51.8	-1.3
10148	ok	0.0	0.9	5.13e-02	5.7	5.7	5.7	10.9	-117.3	-93.8	-4.1	5.5	65.9	9.0
14173	ok	0.0	0.9	3.38e-02	9.1	9.1	9.1	10.7	-8.4	75.5	-24.7	10.4	30.7	7.4
14174	ok	0.0	0.9	3.60e-02	9.1	9.1	9.1	9.8	-84.2	92.7	86.6	5.4	33.3	5.5
14175	ok	0.0	0.8	2.06e-02	9.1	9.1	9.1	9.1	14.9	7.5	-1.9	6.8	30.0	2.8
14176	ok	0.0	1.0	1.93e-02	9.1	9.1	9.1	9.3	13.0	1.8	15.1	14.2	40.1	3.84e-02
14177	ok	0.0	0.9	2.19e-02	9.1	9.1	9.1	9.7	13.9	14.0	66.9	31.2	41.1	-3.2
15155	ok	0.0	0.2	2.25e-02	9.1	9.1	9.1	9.1	49.6	-11.6	107.5	-0.4	-1.6	0.9
15156	ok	0.0	0.4	2.86e-02	9.1	9.1	9.1	9.1	19.1	16.8	4.2	-1.1	-4.5	-1.0
15157	ok	0.0	0.4	2.72e-02	9.1	9.1	9.1	9.1	13.7	19.1	6.5	-1.7	-8.0	-0.4
15158	ok	0.0	0.4	2.76e-02	9.1	9.1	9.1	9.1	86.9	63.3	74.4	5.3	-4.4	-1.1
15159	ok	0.0	0.7	2.34e-02	9.1	9.1	9.1	9.1	133.2	122.8	107.2	15.4	8.8	0.3
15163	ok	0.0	0.6	2.71e-02	9.1	9.1	9.1	9.1	76.4	108.5	92.3	14.0	6.8	4.1
15164	ok	0.0	0.5	2.58e-02	9.1	9.1	9.1	9.1	60.7	90.4	63.8	8.4	3.0	4.2
15165	ok	0.0	0.4	2.49e-02	9.1	9.1	9.1	9.1	25.1	50.7	-1.6	0.8	-4.7	-0.8
15166	ok	0.0	0.4	2.96e-02	9.1	9.1	9.1	9.1	17.6	15.1	-1.1	-1.7	-4.0	-2.1
15167	ok	0.0	0.3	2.49e-02	9.1	9.1	9.1	9.1	41.5	59.3	101.9	-2.0	-0.5	-1.0
15168	ok	0.0	0.5	1.97e-02	9.1	9.1	9.1	9.1	32.7	78.2	63.7	9.9	4.4	4.4
15169	ok	0.0	0.5	2.19e-02	9.1	9.1	9.1	9.1	39.8	76.0	65.4	10.8	6.8	2.4
15170	ok	0.0	0.5	2.37e-02	9.1	9.1	9.1	9.1	33.0	88.2	60.8	7.9	11.6	1.4
15172	ok	0.0	0.4	3.33e-02	9.1	9.1	9.1	9.1	25.5	98.7	69.8	5.3	6.9	1.0
15173	ok	0.0	0.4	2.71e-02	9.1	9.1	9.1	9.1	16.3	96.9	108.7	-5.5	-1.0	-1.2
15184	ok	0.0	0.8	1.09e-02	9.1	9.1	9.1	9.1	21.7	87.7	43.1	18.1	22.3	3.2
15185	ok	0.0	0.8	1.98e-02	9.1	9.1	9.1	9.1	32.7	-6.3	29.6	14.8	30.7	-3.4
15186	ok	0.0	0.7	2.16e-02	9.1	9.1	9.1	9.1	24.9	85.0	49.5	8.9	23.7	2.4
15188	ok	0.0	0.8	3.37e-02	9.1	9.1	9.1	9.1	20.4	115.4	49.9	7.6	23.7	4.8
15189	ok	0.0	0.5	3.00e-02	9.1	9.1	9.1	9.1	31.3	-66.2	-61.6	-2.4	-8.3	-1.4
15995	ok	0.0	0.1	7.62e-03	5.7	5.7	5.7	5.7	5.6	-11.9	24.8	1.8	3.7	-3.2
15996	ok	0.0	0.1	9.28e-03	5.7	5.7	5.7	5.7	1.2	-12.7	29.3	2.7	0.4	-3.7
15997	ok	0.0	0.2	1.18e-02	5.7	5.7	5.7	5.7	7.6	-18.3	30.7	4.5	-0.7	-3.2
15998	ok	0.0	0.1	7.48e-03	5.7	5.7	5.7	5.7	10.3	-8.9	21.4	1.8	6.5	-2.0
16145	ok	0.0	0.2	1.10e-02	5.7	5.7	5.7	5.7	-21.7	-7.5	15.6	6.8	-4.9	-1.8
16146	ok	0.0	0.2	1.05e-02	5.7	5.7	5.7	5.7	-30.3	5.8	-6.5	9.9	-3.3	-0.8
16147	ok	0.0	0.5	1.47e-02	5.7	5.7	5.7	5.7	22.2	-38.6	3.7	14.1	8.3	1.7
16148	ok	0.0	1.0	2.20e-02	5.7	5.7	5.7	5.7	13.3	-105.8	3.6	16.8	33.3	6.1
16183	ok	0.0	0.1	6.18e-03	5.7	5.7	5.7	5.7	5.7	-9.4	23.2	2.1	5.3	-3.8
16184	ok	0.0	0.2	7.59e-03	5.7	5.7	5.7	5.7	1.4	-25.5	23.0	1.3	-2.4	-4.2
16185	ok	0.0	0.2	9.93e-03	5.7	5.7	5.7	5.7	-2.0	-15.0	8.1	3.0	-4.7	-4.9
16186	ok	0.0	0.2	7.49e-03	5.7	5.7	5.7	5.7	7.9	-15.2	20.0	2.3	9.0	-2.3
16289	ok	0.0	0.2	1.02e-02	5.7	5.7	5.7	5.7	-15.9	20.5	-15.6	4.3	-5.0	0.6
16292	ok	0.0	0.6	1.72e-02	5.7	5.7	5.7	5.7	20.3	56.3	22.7	1.4	18.3	-0.6
16293	ok	0.0	0.3	6.73e-03	5.7	5.7	5.7	5.7	5.7	-15.4	19.8	2.5	11.4	-0.8
16294	ok	0.0	0.2	7.25e-03	5.7	5.7	5.7	5.7	9.9	-10.3	22.3	1.8	7.5	-0.6
16962	ok	0.0	0.4	1.61e-02	5.7	5.7	5.7	5.7	13.1	34.2	13.8	13.8	6.4	-2.2
16991	ok	0.0	0.3	1.74e-02	5.7	5.7	5.7	5.7	-30.4	-35.6	17.6	13.1	-7.6	-3.6
16992	ok	0.0	0.2	1.64e-02	5.7	5.7	5.7	5.7	-44.9	-58.5	-2.1	12.0	-3.6	-1.4
16993	ok	0.0	0.4	1.58e-02	5.7	5.7	5.7	5.7	12.9	-44.9	15.3	12.8	7.2	-0.8
16994	ok	0.0	1.0	2.11e-02	5.7	8.5	7.1	8.5	59.5	-4.12e-02	62.5	8.9	19.6	10.8
16995	ok	0.0	0.2	8.88e-03	5.7	5.7	5.7	5.7	8.4	22.6	17.3	1.0	6.6	-3.4
16996	ok	0.0	0.2	8.69e-03	5.7	5.7	5.7	5.7	2.8	-18.7	11.8	0.9	1.2	-4.2
16997	ok	0.0	0.2	1.25e-02	5.7	5.7	5.7	5.7	5.8	-40.1	-3.8	-1.7	-6.6	-3.4
16998	ok	0.0	0.5	1.65e-02	5.7	5.7	5.7	5.7	16.3	56.2	23.8	1.3	13.0	-2.0
16999	ok	0.0	0.4	1.41e-02	5.7	5.7	5.7	5.7	14.5	-14.3	10.7	11.2	3.1	-2.6
17000	ok	0.0	0.4	1.56e-02	5.7	5.7	5.7	5.7	-13.5	31.2	-9.7	-9.3	-4.0	3.9
17001	ok	0.0	0.4	1.94e-02	5.7	5.7	5.7	5.7	-9.4	28.5	-10.5	-11.9	-3.4	6.0
17002	ok	0.0	0.6	2.88e-02	5.7	5.7	5.7	5.7	32.5	-112.3	-15.8	13.0	21.1	-2.4
17003	ok	0.0	0.1	8.12e-03	5.7	5.7	5.7	5.7	-4.3	-14.5	27.8	4.6	1.2	-2.2
17004	ok	0.0	0.1	9.76e-03	5.7	5.7	5.7	5.7	-0.8	12.1	31.6	4.3	0.7	-2.4
17005	ok	0.0	0.2	1.46e-02	5.7	5.7	5.7	5.7	1.8	-13.9	16.1	7.9	2.7	-1.0
17006	ok	0.0	0.2	8.46e-03	5.7	5.7	5.7	5.7	5.0	15.7	-15.3	4.2	-4.8	-0.8
17007	ok	0.0	0.3	1.24e-02	5.7	5.7	5.7	5.7	-28.2	23.5	-0.6	-1.6	-4.5	3.3
17008	ok	0.0	0.3	1.39e-02	5.7	5.7	5.7	5.7	13.4	-45.2	20.3	8.0	-2.0	3.1
17009	ok	0.0	0.4	1.52e-02	5.7	5.7	5.7	5.7	13.6	-25.2	13.0	11.1	8.2	2.1
17010	ok	0.0	0.8	1.68e-02	5.7	5.7	5.7	5.7	5.2	-28.8	44.0	15.3	33.6	7.26e-02
17079	ok	0.0	0.4	1.30e-02	5.7	5.7	5.7	5.7	18.3	36.0	9.3	12.0	8.0	-0.4
17085	ok	0.0	0.2	5.58e-03	5.7	5.7	5.7	5.7	3.5	9.4	-17.4	4.6	-7.7	-0.2
17086	ok	0.0	0.3	8.29e-03	5.7	5.7	5.7	5.7	-15.1	8.1	-17.4	4.2	-9.0	0.7
17087	ok	0.0	0.2	6.51e-03	5.7	5.7	5.7	5.7	-4.2	-7.3	27.0	6.0	-0.4	-0.3
17088	ok	0.0	0.2	8.17e-03	5.7	5.7	5.7	5.7	0.7	18.4	31.4	6.5	2.1	-0.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
17095	ok	0.0	0.3	1.17e-02	5.7	5.7	5.7	5.7	8.1	37.3	16.9	9.8	3.8	-0.7
17098	ok	0.0	1.0	3.96e-02	5.7	5.7	8.0	5.7	27.6	233.2	23.1	-23.5	-27.9	1.0
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-117.27	-112.31	-61.63	-23.48	-27.93	-8.90
		0.0	0.99	0.06	9.06	9.06	9.06	13.32	133.15	233.24	108.73	31.22	88.76	10.77

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
4749	ok Av	14.11	0.15	0.47	4.9	15.5	79.0	251.7
10050	ok	4.78						
10110	ok	5.46						
10112	ok Av	5.91	0.10	0.19	3.5	6.1	56.0	99.4
10113	ok	4.20						
10148	ok Av	26.23	0.07	0.89	2.3	29.7	37.4	481.1
14173	ok Av	13.56	0.11	0.46	3.6	15.3	42.1	178.0
14174	ok	3.77						
14175	ok	3.61						
14176	ok Av	7.60	0.24	0.10	8.0	3.4	92.5	39.3
14177	ok Av	23.40	0.58	0.56	19.1	18.5	222.2	214.7
15155	ok	0.57						
15156	ok	0.66						
15157	ok	1.87						
15158	ok Av	7.26	0.22	0.13	7.2	4.4	83.6	50.6
15159	ok Av	9.93	0.33	0.09	11.0	2.9	127.8	33.8
15163	ok	3.08						
15164	ok	2.46						
15165	ok	2.38						
15166	ok	1.15						
15167	ok	1.03						
15168	ok	4.98						
15169	ok	2.16						
15170	ok	2.77						
15172	ok	2.66						
15173	ok	2.40						
15184	ok Av	19.22	0.23	0.62	7.7	20.4	89.6	237.5
15185	ok	5.18						
15186	ok	2.84						
15188	ok	4.33						
15189	ok Av	10.36	0.23	0.28	7.6	9.1	88.0	106.3
15995	ok	0.74						
15996	ok	0.59						
15997	ok	0.51						
15998	ok	0.69						
16145	ok	2.81						
16146	ok	1.44						
16147	ok	2.46						
16148	ok Av	6.09	0.01	0.21	0.4	6.9	6.1	111.9
16183	ok	0.74						
16184	ok	0.61						
16185	ok	0.83						
16186	ok	0.92						
16289	ok	2.81						
16292	ok	2.96						
16293	ok	1.37						
16294	ok	1.26						
16962	ok	2.03						
16991	ok	3.94						
16992	ok	1.36						
16993	ok	3.77						
16994	ok Av	17.68	0.18	0.58	6.0	19.2	96.9	310.6
16995	ok	2.45						
16996	ok	2.41						
16997	ok	2.58						
16998	ok	2.68						
16999	ok	1.39						
17000	ok	1.24						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17001	ok	3.12						
17002	ok Av	8.21	0.21	0.22	7.1	7.4	114.8	119.2
17003	ok	1.39						
17004	ok	0.68						
17005	ok	1.03						
17006	ok	2.41						
17007	ok	0.65						
17008	ok	1.27						
17009	ok	2.78						
17010	ok	4.05						
17079	ok	2.52						
17085	ok	4.04						
17086	ok	4.33						
17087	ok	1.27						
17088	ok	1.22						
17095	ok	1.91						
17098	ok Av	14.16	0.39	0.43	13.1	14.1	211.5	228.4
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		26.23	0.58	0.89	19.12	29.70	222.20	481.10

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
7	20.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
9946	ok	0.0	0.2	1.90e-02	5.7	5.7	5.7	5.7	-10.0	-2.0	33.0	-5.8	-0.6	0.8
9949	ok	0.0	0.3	3.43e-02	5.7	5.7	5.7	5.7	-52.9	-63.3	84.5	3.9	-0.7	0.9
9950	ok	0.0	0.6	1.15e-02	5.7	5.7	5.7	5.7	182.1	-41.2	-20.4	0.3	0.3	-2.8
9951	ok	0.0	0.6	1.63e-03	5.7	5.7	5.7	5.7	129.8	2.1	3.2	-6.5	-9.65e-02	-0.9
9965	ok	0.0	0.5	3.91e-03	5.7	5.7	5.7	5.7	71.9	-1.05e-02	0.2	-10.5	0.2	-0.6
9966	ok	0.0	0.5	1.51e-02	5.7	5.7	5.7	5.7	19.9	-0.3	0.4	-12.1	0.2	0.2
9967	ok	0.0	0.4	2.71e-02	5.7	5.7	5.7	5.7	-28.1	-4.86e-02	0.3	-10.6	0.2	0.6
10791	ok	0.0	0.4	1.44e-02	5.7	5.7	5.7	5.7	10.3	0.1	29.7	-10.4	-0.5	0.5
11043	ok	0.0	0.3	4.10e-02	5.7	5.7	5.7	5.7	-80.1	2.1	-0.3	-6.1	0.2	1.2
16754	ok	0.0	0.3	6.30e-02	5.7	5.7	5.7	5.7	-156.8	-3.4	10.2	2.3	0.2	1.2
16991	ok	0.0	0.6	2.19e-02	5.7	5.7	5.7	5.7	-11.1	-17.0	-8.4	18.7	-0.3	8.71e-02
16992	ok	0.0	0.3	1.70e-02	5.7	5.7	5.7	5.7	-51.4	-42.3	1.0	12.4	-0.3	-0.4
16993	ok	0.0	0.5	1.81e-02	5.7	5.7	5.7	5.7	36.7	-8.9	10.7	11.2	-0.7	5.07e-02
16994	ok	0.0	0.9	2.69e-03	5.7	12.6	5.7	6.4	427.6	94.0	115.7	20.1	-0.2	1.0
17047	ok	0.0	0.3	0.1	5.7	5.7	5.7	5.7	-382.8	-82.2	120.2	17.8	-1.4	0.8
17052	ok	0.0	0.9	1.09e-02	5.7	5.8	5.7	5.7	167.8	30.5	39.3	13.5	0.4	-0.8
17053	ok	0.0	0.7	4.26e-03	5.7	5.7	5.7	5.7	50.8	43.1	-12.0	13.1	1.0	-0.5
17054	ok	0.0	0.7	5.59e-03	5.7	5.7	5.7	5.7	16.9	22.3	-3.1	11.7	-1.0	-0.3
17103	ok	0.0	0.3	9.87e-03	5.7	5.7	5.7	5.7	9.3	3.5	23.0	-5.4	-0.6	0.9
17104	ok	0.0	0.4	8.41e-03	5.7	5.7	5.7	5.7	20.5	-8.17e-03	26.2	-10.3	-0.5	0.5
17105	ok	0.0	0.5	6.85e-03	5.7	5.7	5.7	5.7	31.2	-0.3	26.4	-11.9	-0.5	0.2
17106	ok	0.0	0.5	5.59e-03	5.7	5.7	5.7	5.7	46.1	-4.49e-02	26.1	-10.4	-0.5	-0.3
17107	ok	0.0	0.4	5.49e-03	5.7	5.7	5.7	5.7	57.2	-3.2	23.7	-5.8	-0.5	-0.7
17108	ok	0.0	0.3	6.32e-03	5.7	5.7	5.7	5.7	75.5	1.1	4.8	2.9	8.59e-02	-0.5
17109	ok	0.0	0.5	8.70e-03	5.7	5.7	5.7	5.7	107.1	54.7	86.9	4.5	-0.8	-0.9
17110	ok	0.0	0.4	5.51e-03	5.7	5.7	5.7	5.7	66.2	5.0	12.5	-5.7	-0.6	-0.5
17111	ok	0.0	0.5	7.57e-03	5.7	5.7	5.7	5.7	45.1	-0.2	29.6	-10.3	-0.5	-0.3
17112	ok	0.0	0.5	1.07e-02	5.7	5.7	5.7	5.7	29.5	0.3	29.3	-11.9	-0.5	0.1
17116	ok	0.0	0.1	1.18e-02	5.7	5.7	5.7	5.7	-30.6	25.9	9.0	3.9	-0.8	0.8
17300	ok	0.0	0.5	9.61e-03	5.7	5.7	5.7	5.7	59.9	5.5	0.7	2.9	0.3	-0.7
17301	ok	0.0	0.6	2.32e-03	5.7	5.7	5.7	5.7	119.6	-0.9	3.0	-6.1	0.2	-1.0
17302	ok	0.0	0.6	2.80e-03	5.7	5.7	5.7	5.7	79.4	-0.4	4.1	-10.6	0.2	-0.5
17303	ok	0.0	0.5	3.72e-03	5.7	5.7	5.7	5.7	40.6	0.4	3.9	-12.1	0.2	0.2
17304	ok	0.0	0.4	7.65e-03	5.7	5.7	5.7	5.7	-1.7	0.4	4.1	-10.5	0.2	0.7
17305	ok	0.0	0.2	1.88e-02	5.7	5.7	5.7	5.7	-7.4	3.9	-5.5	-6.5	-6.08e-02	0.8
17306	ok	0.0	0.2	2.77e-02	5.7	5.7	5.7	5.7	-90.9	-2.3	4.9	3.6	0.6	1.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
Nodo		x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									-382.77	-82.22	-20.43	-12.13	-1.35	-2.82
		0.0	0.94	0.11	5.65	12.55	5.65	6.43	427.55	94.04	120.18	20.09	1.02	1.19

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
9946	ok	0.99						
9949	ok	1.77						
9950	ok	2.28						
9951	ok	1.82						
9965	ok	1.62						
9966	ok	0.38						
9967	ok	1.06						
10791	ok	0.63						
11043	ok	1.81						
16754	ok	2.31						
16991	ok	4.61						
16992	ok	1.47						
16993	ok	1.92						
16994	ok	5.33						
17047	ok Av	6.02	0.18	0.09	6.1	3.0	72.2	35.8
17052	ok	4.50						
17053	ok	1.68						
17054	ok	2.62						
17103	ok	1.03						
17104	ok	0.65						
17105	ok	0.31						
17106	ok	0.63						
17107	ok	1.07						
17108	ok	1.57						
17109	ok	1.78						
17110	ok	1.02						
17111	ok	0.65						
17112	ok	0.31						
17116	ok	1.36						
17300	ok	4.52						
17301	ok	1.75						
17302	ok	0.98						
17303	ok	0.35						
17304	ok	1.11						
17305	ok	1.89						
17306	ok	2.37						
Nodo		Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		6.02	0.18	0.09	6.12	3.04	72.23	35.84

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
13	25.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
15790	ok	0.0	0.3	1.41e-04	5.7	5.7	5.7	5.7	30.0	33.0	-14.9	5.6	-6.9	-0.5
15795	ok	0.0	0.3	2.01e-03	5.7	5.7	5.7	5.7	7.4	35.7	-2.6	7.5	-5.5	-0.5
15871	ok	0.0	0.3	1.42e-03	5.7	5.7	5.7	5.7	10.5	8.9	9.2	-3.7	8.2	0.2
15878	ok	0.0	0.3	1.54e-03	5.7	5.7	5.7	5.7	5.3	5.0	9.9	1.7	8.1	0.4
15884	ok	0.0	0.2	1.34e-03	5.7	5.7	5.7	5.7	16.3	20.1	19.0	-4.3	-1.0	1.5
15889	ok	0.0	0.2	1.72e-03	5.7	5.7	5.7	5.7	-0.8	16.4	5.4	5.9	1.2	0.3
15895	ok	0.0	0.2	3.84e-03	5.7	5.7	5.7	5.7	5.3	17.9	6.7	8.4	1.8	-0.2
15901	ok	0.0	0.3	5.02e-03	5.7	5.7	5.7	5.7	4.9	18.7	1.9	10.3	2.2	-0.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15907	ok	0.0	0.3	4.16e-03	5.7	5.7	5.7	5.7	1.6	22.9	-6.5	10.8	2.4	-0.7
15913	ok	0.0	0.3	2.56e-03	5.7	5.7	5.7	5.7	-2.1	33.5	-12.3	10.5	3.7	-0.2
16087	ok	0.0	0.3	2.16e-03	5.7	5.7	5.7	5.7	28.3	19.4	1.9	4.9	-6.3	-1.5
16093	ok	0.0	0.3	6.05e-03	5.7	5.7	5.7	5.7	2.7	-13.7	23.6	3.2	11.5	-0.6
16099	ok	0.0	0.5	2.19e-02	5.7	5.7	5.7	5.7	1.6	-3.4	39.4	6.3	18.7	-1.9
16105	ok	0.0	0.9	9.68e-03	5.7	5.7	5.7	7.9	102.4	74.2	22.8	-1.8	40.9	-4.0
16304	ok	0.0	0.3	1.41e-03	5.7	5.7	5.7	5.7	7.0	3.2	3.5	3.3	10.0	0.4
16529	ok	0.0	0.3	3.06e-03	5.7	5.7	5.7	5.7	8.2	3.2	4.4	4.1	10.2	0.2
16535	ok	0.0	0.5	7.51e-03	5.7	5.7	5.7	5.7	-6.5	13.5	18.9	7.0	17.9	1.5
16541	ok	0.0	1.0	1.34e-02	5.7	5.7	5.7	7.4	-23.6	7.5	15.5	1.9	47.3	0.8
17023	ok	0.0	0.3	3.58e-03	5.7	5.7	5.7	5.7	14.7	31.3	-1.9	5.7	-6.5	-2.8
17024	ok	0.0	0.3	1.77e-03	5.7	5.7	5.7	5.7	12.1	9.4	6.5	3.3	8.8	1.2
17025	ok	0.0	0.2	2.67e-03	5.7	5.7	5.7	5.7	4.4	6.7	3.1	4.7	1.6	2.7
17026	ok	0.0	0.2	3.45e-03	5.7	5.7	5.7	5.7	-1.1	11.0	4.7	5.5	0.6	2.6
17027	ok	0.0	0.2	4.62e-03	5.7	5.7	5.7	5.7	3.6	16.4	5.3	6.8	0.7	1.4
17028	ok	0.0	0.2	6.62e-03	5.7	5.7	5.7	5.7	6.7	14.2	2.1	8.0	0.9	0.3
17029	ok	0.0	0.3	5.30e-03	5.7	5.7	5.7	5.7	7.1	16.1	-10.9	8.6	1.7	-1.2
17030	ok	0.0	0.3	3.79e-03	5.7	5.7	5.7	5.7	1.9	16.0	-14.8	8.4	1.9	-2.1
17031	ok	0.0	0.3	6.91e-03	5.7	5.7	5.7	5.7	-17.4	1.4	14.3	5.6	10.3	-3.0
17032	ok	0.0	0.3	2.95e-03	5.7	5.7	5.7	5.7	10.9	3.2	6.6	4.0	8.8	2.1
17033	ok	0.0	0.2	3.90e-03	5.7	5.7	5.7	5.7	4.2	3.1	3.1	3.6	4.9	3.3
17034	ok	0.0	0.2	5.20e-03	5.7	5.7	5.7	5.7	4.2	13.8	5.5	3.9	-2.0	3.5
17035	ok	0.0	0.2	7.03e-03	5.7	5.7	5.7	5.7	2.9	9.2	3.5	4.8	-1.7	1.9
17036	ok	0.0	0.2	1.12e-02	5.7	5.7	5.7	5.7	16.8	6.1	7.1	5.1	-1.4	0.8
17037	ok	0.0	0.2	7.02e-03	5.7	5.7	5.7	5.7	23.1	0.9	-15.7	5.4	-0.9	-2.1
17038	ok	0.0	0.3	7.03e-03	5.7	5.7	5.7	5.7	-4.0	5.2	5.3	5.2	2.5	-3.1
17039	ok	0.0	0.5	1.61e-02	5.7	5.7	5.7	5.7	-56.1	54.9	28.7	9.5	10.4	-8.2
17040	ok	0.0	0.7	1.04e-02	5.7	5.7	5.7	5.7	40.9	16.3	49.8	8.9	12.5	10.2
17041	ok	0.0	0.4	1.56e-02	5.7	5.7	5.7	5.7	29.2	-28.9	2.9	8.6	1.5	9.6
17042	ok	0.0	0.3	5.10e-03	5.7	5.7	5.7	5.7	6.0	22.6	-24.4	9.2	-5.7	3.3
17043	ok	0.0	0.2	1.14e-02	5.7	5.7	5.7	5.7	-33.6	35.7	27.9	7.3	-4.5	1.2
17044	ok	0.0	0.3	2.19e-02	5.7	5.7	5.7	5.7	18.8	3.7	44.6	6.6	-3.3	-0.7
17045	ok	0.0	0.3	7.63e-03	5.7	5.7	5.7	5.7	53.8	-2.2	9.3	6.7	-2.7	-1.0
17046	ok	0.0	0.3	1.05e-02	5.7	5.7	5.7	5.7	2.8	-8.5	-31.5	9.2	-5.9	-2.0
17047	ok	0.0	0.7	4.98e-02	5.7	5.7	5.7	5.7	-147.0	-144.6	88.2	9.8	-16.2	-17.0
17048	ok	0.0	0.8	1.22e-02	5.7	5.7	5.7	5.7	-43.4	25.8	-9.0	-1.8	20.8	7.9
17049	ok	0.0	1.0	4.33e-03	5.7	6.1	5.7	5.9	114.2	115.3	86.9	11.7	-6.5	15.2
17050	ok	0.0	0.2	9.90e-03	5.7	5.7	5.7	5.7	-45.4	-36.2	-6.7	10.3	-7.2	-1.4
17051	ok	0.0	0.2	2.11e-02	5.7	5.7	5.7	5.7	-88.3	-48.6	-10.1	9.6	-5.2	1.3
17052	ok	0.0	0.6	2.27e-02	5.7	5.7	5.7	5.7	69.9	19.2	44.4	14.1	-2.8	-1.4
17053	ok	0.0	0.6	4.54e-03	5.7	5.7	5.7	5.7	74.8	47.2	-1.9	12.6	-1.2	-0.2
17054	ok	0.0	0.4	3.61e-03	5.7	5.7	5.7	5.7	51.4	44.0	-14.4	11.5	-6.7	2.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-147.01	-144.59	-31.51	-4.25	-16.19	-17.05
		0.0	0.98	0.05	5.65	6.05	5.65	7.92	114.23	115.26	88.15	14.06	47.29	15.16

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
15790	ok	3.96						
15795	ok	3.81						
15871	ok	3.83						
15878	ok	3.61						
15884	ok	1.37						
15889	ok	0.85						
15895	ok	0.71						
15901	ok	0.81						
15907	ok	0.88						
15913	ok	1.32						
16087	ok	3.46						
16093	ok	2.34						
16099	ok	3.67						
16105	ok Av	12.82	0.12	0.43	4.1	14.2	66.9	230.7
16304	ok	2.54						
16529	ok	1.70						
16535	ok	4.68						
16541	ok Av	11.91	0.07	0.40	2.3	13.3	37.2	216.0

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17023	ok	2.86						
17024	ok	2.30						
17025	ok	1.50						
17026	ok	0.66						
17027	ok	0.67						
17028	ok	0.80						
17029	ok	0.85						
17030	ok	0.93						
17031	ok	1.01						
17032	ok	0.97						
17033	ok	0.89						
17034	ok	0.63						
17035	ok	0.53						
17036	ok	0.49						
17037	ok	0.65						
17038	ok	1.08						
17039	ok	4.36						
17040	ok	1.94						
17041	ok	4.42						
17042	ok	0.72						
17043	ok	0.74						
17044	ok	1.31						
17045	ok	0.68						
17046	ok	1.43						
17047	ok Av	13.87	0.19	0.45	6.4	14.9	103.1	240.8
17048	ok Av	9.56	0.03	0.33	1.2	10.8	18.8	174.9
17049	ok Av	12.18	0.11	0.40	3.6	13.4	58.6	216.4
17050	ok	1.41						
17051	ok	1.51						
17052	ok	2.67						
17053	ok	2.14						
17054	ok	2.59						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		13.87	0.19	0.45	6.37	14.86	103.14	240.81

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
14	25.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
15781	ok	0.0	0.3	1.52e-02	5.7	5.7	5.7	5.7	-11.6	-52.0	-41.1	9.1	-7.1	-1.0
15782	ok	0.0	0.7	6.44e-02	5.7	5.7	5.7	5.7	-142.9	-238.0	117.2	9.7	-17.8	-16.9
15783	ok	0.0	0.7	1.92e-02	5.7	5.7	5.7	5.7	-3.8	71.5	5.0	3.5	19.0	6.1
15784	ok	0.0	0.5	1.80e-02	5.7	5.7	5.7	5.7	24.5	5.6	13.5	8.2	-1.4	9.5
15785	ok	0.0	0.2	1.36e-02	5.7	5.7	5.7	5.7	-59.8	-27.1	-11.4	7.5	5.6	1.5
15786	ok	0.0	0.1	2.25e-02	5.7	5.7	5.7	5.7	-84.2	-43.6	-3.1	9.0	0.6	1.1
15802	ok	0.0	0.4	1.07e-03	5.7	5.7	5.7	5.7	31.1	32.6	-21.0	7.6	-7.5	-0.5
15809	ok	0.0	0.4	2.41e-03	5.7	5.7	5.7	5.7	2.1	57.9	2.2	12.7	5.4	0.2
15816	ok	0.0	0.3	6.65e-03	5.7	5.7	5.7	5.7	-15.6	38.4	10.5	13.7	5.3	0.4
15823	ok	0.0	0.3	8.87e-03	5.7	5.7	5.7	5.7	-22.0	-2.5	6.6	13.6	3.0	0.1
15830	ok	0.0	0.3	9.70e-03	5.7	5.7	5.7	5.7	-23.8	-13.9	2.4	12.6	2.4	-0.4
15837	ok	0.0	0.2	8.68e-03	5.7	5.7	5.7	5.7	-16.9	-6.0	-9.1	10.5	2.2	-0.6
15844	ok	0.0	0.2	6.98e-03	5.7	5.7	5.7	5.7	-13.3	2.5	-16.7	7.9	1.7	-0.5
15851	ok	0.0	0.2	5.41e-03	5.7	5.7	5.7	5.7	-11.4	-6.4	-6.5	-6.4	-1.8	1.4
15858	ok	0.0	0.4	6.87e-03	5.7	5.7	5.7	5.7	37.3	40.1	0.2	2.3	10.9	0.2
15865	ok	0.0	0.4	5.77e-03	5.7	5.7	5.7	5.7	14.2	41.7	-5.3	2.4	9.7	0.1
16011	ok	0.0	0.4	4.18e-03	5.7	5.7	5.7	5.7	48.2	10.6	23.7	5.8	11.8	0.4
16018	ok	0.0	0.4	8.87e-03	5.7	5.7	5.7	5.7	22.2	3.3	35.1	6.1	13.8	0.4
16025	ok	0.0	0.6	2.22e-02	5.7	5.7	5.7	5.7	-22.2	-1.9	87.3	5.3	20.0	-3.7
16032	ok	0.0	0.9	3.22e-02	5.7	5.7	5.7	5.7	14.2	-136.9	-11.0	1.0	42.4	-3.7
16267	ok	0.0	0.5	4.18e-02	5.7	5.7	5.7	5.7	-63.4	-72.1	82.7	14.1	-3.4	4.7
16268	ok	0.0	0.6	5.76e-03	5.7	5.7	5.7	5.7	108.5	33.0	-18.4	13.7	-4.0	-0.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
16269	ok	0.0	0.4	5.68e-03	5.7	5.7	5.7	5.7	50.7	18.0	-7.6	10.6	-8.2	2.8
16298	ok	0.0	0.3	5.19e-03	5.7	5.7	5.7	5.7	8.5	1.4	-30.1	3.6	11.7	0.4
16479	ok	0.0	0.9	2.12e-02	5.7	5.7	5.7	5.7	-47.7	69.9	13.6	2.4	29.3	1.4
16486	ok	0.0	0.3	1.36e-02	5.7	5.7	5.7	5.7	-12.2	-0.3	-8.4	3.7	10.8	0.8
16493	ok	0.0	0.3	1.17e-02	5.7	5.7	5.7	5.7	-10.4	-1.8	-32.4	1.0	8.4	-0.1
17055	ok	0.0	0.3	2.52e-03	5.7	5.7	5.7	5.7	4.4	13.6	11.0	5.8	11.4	-0.6
17056	ok	0.0	0.3	5.07e-03	5.7	5.7	5.7	5.7	-0.9	3.0	-26.8	3.3	10.5	1.2
17057	ok	0.0	0.2	5.02e-03	5.7	5.7	5.7	5.7	-8.1	14.4	-8.3	6.1	2.2	1.8
17058	ok	0.0	0.2	6.38e-03	5.7	5.7	5.7	5.7	-19.8	6.8	-0.4	-6.9	-2.8	1.6
17059	ok	0.0	0.2	7.94e-03	5.7	5.7	5.7	5.7	-27.3	7.1	10.7	-7.8	-3.2	1.1
17060	ok	0.0	0.2	8.76e-03	5.7	5.7	5.7	5.7	-28.7	3.2	-0.4	10.5	1.8	0.9
17061	ok	0.0	0.2	6.22e-03	5.7	5.7	5.7	5.7	-20.9	12.7	-6.9	11.2	2.6	-0.3
17062	ok	0.0	0.3	5.13e-03	5.7	5.7	5.7	5.7	-13.4	22.0	-5.3	10.9	2.8	-0.4
17063	ok	0.0	0.3	1.02e-02	5.7	5.7	5.7	5.7	-14.2	6.1	16.4	5.5	11.9	-1.5
17064	ok	0.0	0.2	1.02e-02	5.7	5.7	5.7	5.7	-6.2	-9.0	-14.1	2.8	6.2	2.1
17065	ok	0.0	0.1	1.08e-02	5.7	5.7	5.7	5.7	-15.4	-8.1	-12.1	2.4	4.2	2.6
17066	ok	0.0	0.1	9.56e-03	5.7	5.7	5.7	5.7	-19.1	-9.5	-0.5	4.2	0.9	2.6
17067	ok	0.0	0.1	1.23e-02	5.7	5.7	5.7	5.7	-28.5	0.2	6.0	5.5	0.4	2.3
17068	ok	0.0	0.1	1.48e-02	5.7	5.7	5.7	5.7	-17.2	-0.6	-1.5	6.2	-0.2	1.9
17069	ok	0.0	0.2	1.02e-02	5.7	5.7	5.7	5.7	-14.9	-11.6	-4.9	6.8	-0.8	-0.9
17070	ok	0.0	0.2	1.03e-02	5.7	5.7	5.7	5.7	-18.0	12.1	-15.5	6.5	1.6	-3.0
17071	ok	0.0	0.5	2.23e-02	5.7	5.7	5.7	5.7	-97.4	30.3	13.1	10.1	12.0	-8.2
17072	ok	0.0	0.3	1.44e-02	5.7	5.7	5.7	5.7	2.2	-10.8	1.0	5.2	8.2	5.8
17073	ok	0.0	0.3	2.53e-02	5.7	5.7	5.7	5.7	-86.2	-22.4	-13.1	4.1	4.7	5.3
17074	ok	0.0	0.2	1.21e-02	5.7	5.7	5.7	5.7	-11.7	7.3	-7.6	4.3	2.7	3.2
17075	ok	0.0	0.2	1.68e-02	5.7	5.7	5.7	5.7	-38.4	-4.0	-7.0	4.0	-1.4	2.8
17076	ok	0.0	0.3	2.76e-02	5.7	5.7	5.7	5.7	-46.3	18.4	40.5	5.4	-2.7	2.2
17077	ok	0.0	0.3	1.48e-02	5.7	5.7	5.7	5.7	14.4	-62.0	34.9	6.6	-4.1	2.1
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-142.91	-237.98	-41.07	-7.76	-17.83	-16.94
		0.0	0.94	0.06	5.65	5.65	5.65	5.67	108.53	71.51	117.21	14.10	42.37	9.55

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
15781	ok	1.66						
15782	ok Av	14.74	0.20	0.47	6.6	15.8	107.4	255.8
15783	ok Av	7.53	0.02	0.26	0.7	8.5	11.4	138.2
15784	ok Av	8.10	0.05	0.28	1.6	9.2	25.8	149.1
15785	ok	1.61						
15786	ok	1.37						
15802	ok	4.66						
15809	ok	4.35						
15816	ok	1.40						
15823	ok	0.90						
15830	ok	0.84						
15837	ok	0.69						
15844	ok	0.78						
15851	ok	1.52						
15858	ok	4.94						
15865	ok	4.44						
16011	ok	3.98						
16018	ok	2.43						
16025	ok	3.58						
16032	ok Av	13.87	0.14	0.46	4.5	15.3	73.1	247.8
16267	ok	2.63						
16268	ok	1.64						
16269	ok	2.46						
16298	ok	3.01						
16479	ok Av	8.57	0.06	0.29	2.0	9.5	32.3	154.3
16486	ok	2.78						
16493	ok	1.35						
17055	ok	3.51						
17056	ok	2.96						
17057	ok	1.88						
17058	ok	0.75						
17059	ok	0.76						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17060	ok	0.88						
17061	ok	0.85						
17062	ok	1.15						
17063	ok	1.09						
17064	ok	0.84						
17065	ok	0.82						
17066	ok	0.73						
17067	ok	0.61						
17068	ok	0.58						
17069	ok	0.72						
17070	ok	1.26						
17071	ok	4.34						
17072	ok	1.05						
17073	ok	2.64						
17074	ok	0.86						
17075	ok	0.74						
17076	ok	1.48						
17077	ok	0.71						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		14.74	0.20	0.47	6.63	15.79	107.39	255.85

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
17	20.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
16283	ok	0.0	0.4	3.72e-02	5.7	5.7	5.7	5.7	-61.2	-0.8	1.5	-6.2	0.2	1.3
16284	ok	0.0	0.5	4.84e-02	5.7	5.7	5.7	5.7	-61.7	-0.2	-2.1	1.1	0.3	1.6
16285	ok	0.0	0.4	1.72e-02	5.7	5.7	5.7	5.7	-23.8	-0.2	2.9	-12.0	0.2	-0.2
16286	ok	0.0	0.4	2.74e-02	5.7	5.7	5.7	5.7	-46.1	7.96e-02	3.0	-10.4	0.2	0.6
16287	ok	0.0	0.4	7.95e-03	5.7	5.7	5.7	5.7	15.1	1.7	1.5	-6.9	0.2	-1.7
16288	ok	0.0	0.4	6.70e-03	5.7	5.7	5.7	5.7	-1.1	5.41e-02	2.8	-10.8	0.2	-0.9
16290	ok	0.0	0.4	1.93e-02	5.7	5.7	5.7	5.7	-0.2	11.8	-3.8	-1.4	0.3	-3.2
16959	ok	0.0	0.4	3.04e-02	5.7	5.7	5.7	5.7	-39.1	-23.8	-13.9	13.7	-0.4	-2.0
16963	ok	0.0	0.4	9.04e-02	5.7	5.7	5.7	5.7	-307.7	-68.6	91.8	19.1	-1.2	0.8
16964	ok	0.0	0.5	9.75e-03	5.7	5.7	5.7	5.7	7.57e-02	27.3	6.2	8.5	-2.9	-0.7
16965	ok	0.0	0.4	5.77e-03	5.7	5.7	5.7	5.7	52.1	41.3	4.3	7.6	-3.1	-1.0
17049	ok	0.0	0.9	3.56e-03	5.7	9.0	5.7	5.9	245.5	58.0	74.5	20.1	-0.9	-0.5
17050	ok	0.0	0.3	2.60e-02	5.7	5.7	5.7	5.7	-17.7	-25.9	2.3	10.2	-2.0	0.5
17051	ok	0.0	0.2	2.22e-02	5.7	5.7	5.7	5.7	-53.4	-40.9	-0.4	9.6	-1.7	0.7
17052	ok	0.0	0.5	5.28e-02	5.7	5.7	5.7	5.7	-67.2	1.4	13.9	13.7	-0.4	1.7
17279	ok	0.0	0.2	5.52e-02	5.7	5.7	5.7	5.7	-216.9	5.3	15.4	-3.1	0.6	2.7
17280	ok	0.0	0.2	3.48e-02	5.7	5.7	5.7	5.7	-70.3	2.5	0.6	-6.7	0.2	1.4
17281	ok	0.0	0.3	2.28e-02	5.7	5.7	5.7	5.7	-38.3	0.2	-1.40e-02	-10.7	0.2	0.6
17282	ok	0.0	0.4	1.40e-02	5.7	5.7	5.7	5.7	-9.3	0.2	-1.15e-02	-12.0	0.2	-0.3
17283	ok	0.0	0.4	1.41e-02	5.7	5.7	5.7	5.7	17.4	-0.2	4.43e-02	-10.4	0.2	-0.8
17284	ok	0.0	0.4	1.53e-02	5.7	5.7	5.7	5.7	55.0	-2.3	0.6	-6.0	0.2	-1.5
17285	ok	0.0	0.6	1.68e-02	5.7	5.7	5.7	5.7	105.0	3.1	9.9	2.2	0.3	-1.8
17286	ok	0.0	0.3	9.06e-03	5.7	5.7	5.7	5.7	15.3	43.9	57.4	3.8	-1.6	-1.2
17287	ok	0.0	0.3	1.10e-02	5.7	5.7	5.7	5.7	4.0	4.3	25.1	-5.5	-1.0	-1.1
17288	ok	0.0	0.4	1.22e-02	5.7	5.7	5.7	5.7	-5.0	0.9	20.6	-10.0	-0.8	-0.7
17289	ok	0.0	0.4	1.47e-02	5.7	5.7	5.7	5.7	-16.1	-0.2	19.6	-11.6	-0.8	-0.3
17290	ok	0.0	0.3	1.77e-02	5.7	5.7	5.7	5.7	-24.7	-1.1	22.9	-10.3	-0.9	0.3
17291	ok	0.0	0.2	2.13e-02	5.7	5.7	5.7	5.7	-33.5	-5.8	26.6	-6.2	-1.3	0.8
17292	ok	0.0	0.2	2.99e-02	5.7	5.7	5.7	5.7	-44.2	-54.4	68.0	3.0	-2.1	1.1
17293	ok	0.0	0.2	8.08e-03	5.7	5.7	5.7	5.7	15.7	-9.3	-28.4	4.2	-1.4	-1.7
17294	ok	0.0	0.3	9.85e-03	5.7	5.7	5.7	5.7	-4.5	-5.9	10.6	-6.3	-1.3	-1.3
17295	ok	0.0	0.3	1.27e-02	5.7	5.7	5.7	5.7	-12.2	-1.2	16.2	-10.4	-0.9	-0.7
17296	ok	0.0	0.4	1.55e-02	5.7	5.7	5.7	5.7	-17.6	0.2	17.3	-11.6	-0.8	-0.3
17297	ok	0.0	0.3	1.81e-02	5.7	5.7	5.7	5.7	-25.5	1.0	18.7	-10.1	-0.9	0.4
17298	ok	0.0	0.2	2.10e-02	5.7	5.7	5.7	5.7	-34.0	4.5	14.3	-5.7	-1.0	0.9
17299	ok	0.0	0.1	2.33e-02	5.7	5.7	5.7	5.7	-51.5	15.3	-0.9	2.0	-1.5	1.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-307.65	-68.62	-28.42	-11.98	-3.10	-3.19
		0.0	0.93	0.09	5.65	9.00	5.65	5.88	245.46	58.01	91.76	20.09	0.61	2.71

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
16283	ok	1.89						
16284	ok	2.74						
16285	ok	1.26						
16286	ok	1.04						
16287	ok	2.05						
16288	ok	1.51						
16290	ok	3.02						
16959	ok Av	6.28	0.19	0.11	6.2	3.5	73.4	41.3
16963	ok Av	7.29	0.23	0.10	7.5	3.4	89.0	40.1
16964	ok	3.09						
16965	ok	1.71						
17049	ok Av	6.70	0.21	0.08	7.1	2.7	83.7	32.4
17050	ok	2.52						
17051	ok	1.51						
17052	ok	4.81						
17279	ok	2.66						
17280	ok	1.88						
17281	ok	1.00						
17282	ok	0.65						
17283	ok	2.31						
17284	ok	2.07						
17285	ok	2.71						
17286	ok	1.68						
17287	ok	1.32						
17288	ok	1.37						
17289	ok	0.37						
17290	ok	0.60						
17291	ok	0.95						
17292	ok	1.84						
17293	ok	1.34						
17294	ok	0.98						
17295	ok	0.62						
17296	ok	0.39						
17297	ok	0.65						
17298	ok	1.02						
17299	ok	1.41						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		7.29	0.23	0.11	7.55	3.50	89.04	41.26

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
18	20.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
5302	ok	0.0	0.5	3.21e-02	5.7	5.7	5.7	5.7	19.6	0.1	2.58e-02	-5.7	0.2	-1.2
5306	ok	0.0	0.5	2.82e-02	5.7	5.7	5.7	5.7	0.5	0.1	-0.4	-9.0	0.2	-0.8
5307	ok	0.0	0.4	2.58e-02	5.7	5.7	5.7	5.7	-16.2	0.2	-0.6	-9.3	0.2	-0.4
5365	ok	0.0	0.3	2.35e-02	5.7	5.7	5.7	5.7	-35.2	-0.2	-0.6	-6.7	0.2	0.3
5366	ok	0.0	0.1	2.16e-02	5.7	5.7	5.7	5.7	6.6	3.5	-8.4	-2.5	-5.99e-02	0.7
5370	ok	0.0	0.1	2.24e-02	5.7	5.7	5.7	5.7	-72.2	4.1	-2.6	8.1	0.1	0.3
5371	ok	0.0	0.1	2.26e-02	5.7	5.7	5.7	5.7	-84.2	8.1	8.5	7.2	1.6	-0.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
15784	ok	0.0	0.9	3.86e-02	5.7	6.3	5.7	5.7	75.9	8.0	15.6	15.4	-0.3	0.2
15785	ok	0.0	0.2	2.21e-02	5.7	5.7	5.7	5.7	-44.8	-27.4	-15.2	9.4	0.4	0.4
15786	ok	0.0	0.3	2.34e-02	5.7	5.7	5.7	5.7	-32.0	-40.9	-17.1	10.4	2.7	0.2
16267	ok	0.0	0.2	8.38e-02	5.7	5.7	5.7	5.7	-251.2	-69.6	76.4	4.3	-1.6	2.2
16270	ok	0.0	0.4	3.57e-02	5.7	5.7	5.7	5.7	-140.9	31.6	-4.3	20.9	0.9	1.6
16274	ok	0.0	0.4	2.27e-02	5.7	5.7	5.7	5.7	-84.1	-6.6	-0.3	18.4	0.7	-0.8
16276	ok	0.0	0.4	2.36e-02	5.7	5.7	5.7	5.7	-96.6	-4.6	12.7	18.8	4.0	-0.5
16281	ok	0.0	0.5	2.40e-02	5.7	5.7	5.7	5.7	-89.9	20.6	9.6	19.0	3.7	-0.2
16291	ok	0.0	0.6	4.28e-02	5.7	5.7	5.7	5.7	128.8	9.5	10.4	2.0	0.7	-0.3
16575	ok	0.0	4.35e-02	2.24e-02	5.7	5.7	5.7	5.7	-23.4	3.5	-6.4	-2.3	-0.2	0.1
16576	ok	0.0	0.2	2.25e-02	5.7	5.7	5.7	5.7	-67.9	-0.4	11.5	-6.5	-0.3	-0.4
16577	ok	0.0	0.3	2.21e-02	5.7	5.7	5.7	5.7	-60.7	-0.1	11.5	-9.1	-0.5	-0.6
16578	ok	0.0	0.3	2.18e-02	5.7	5.7	5.7	5.7	-53.7	0.2	12.0	-8.8	-0.5	-0.9
16579	ok	0.0	0.2	2.15e-02	5.7	5.7	5.7	5.7	-48.0	0.6	13.3	-5.6	-0.4	-1.1
16580	ok	0.0	0.1	2.13e-02	5.7	5.7	5.7	5.7	-43.0	11.7	16.6	1.9	-0.3	-0.6
16581	ok	0.0	0.1	2.28e-02	5.7	5.7	5.7	5.7	-90.7	-5.4	3.5	7.5	1.3	-0.9
16582	ok	0.0	3.67e-02	2.55e-02	5.7	5.7	5.7	5.7	-39.9	-3.5	4.0	-1.9	9.88e-02	-0.9
16583	ok	0.0	0.1	2.64e-02	5.7	5.7	5.7	5.7	-97.9	6.66e-02	8.5	-6.5	-0.3	-1.0
16584	ok	0.0	0.2	2.73e-02	5.7	5.7	5.7	5.7	-99.7	0.4	8.5	-9.1	-0.5	-0.8
16585	ok	0.0	0.2	2.84e-02	5.7	5.7	5.7	5.7	-101.8	0.7	7.9	-8.9	-0.5	-0.5
16586	ok	0.0	8.89e-02	2.99e-02	5.7	5.7	5.7	5.7	-108.1	-0.3	6.3	-5.8	-0.6	-0.1
16587	ok	0.0	4.91e-02	3.27e-02	5.7	5.7	5.7	5.7	-129.6	-23.2	27.1	-1.2	-0.7	0.8
16588	ok	0.0	0.2	3.72e-02	5.7	5.7	5.7	5.7	-131.6	-21.2	-7.6	7.7	0.1	-1.5
16589	ok	0.0	4.82e-02	3.39e-02	5.7	5.7	5.7	5.7	-127.6	-2.1	1.5	-0.8	0.2	-1.3
16590	ok	0.0	0.1	3.77e-02	5.7	5.7	5.7	5.7	-133.1	-0.4	2.1	-6.7	0.2	-1.1
16591	ok	0.0	0.2	4.32e-02	5.7	5.7	5.7	5.7	-144.0	-0.3	2.1	-9.3	0.2	-0.7
16592	ok	0.0	0.2	4.87e-02	5.7	5.7	5.7	5.7	-154.1	-0.4	2.0	-9.1	0.2	-0.2
16593	ok	0.0	0.2	5.35e-02	5.7	5.7	5.7	5.7	-158.0	2.6	0.5	-6.0	0.3	0.5
16594	ok	0.0	0.2	6.08e-02	5.7	5.7	5.7	5.7	-151.5	30.7	-16.0	0.3	1.3	2.54e-02
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-251.15	-69.64	-17.09	-9.34	-1.55	-1.50
		0.0	0.87	0.08	5.65	6.27	5.65	5.65	128.80	31.65	76.37	20.90	3.98	2.18

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
5302	ok	1.75						
5306	ok	1.04						
5307	ok	0.82						
5365	ok	1.13						
5366	ok	1.55						
5370	ok	2.07						
5371	ok	1.73						
15784	ok	4.03						
15785	ok	1.69						
15786	ok	2.60						
16267	ok	1.64						
16270	ok	2.74						
16274	ok	1.61						
16276	ok	2.51						
16281	ok	2.01						
16291	ok	2.81						
16575	ok	1.21						
16576	ok	0.87						
16577	ok	0.74						
16578	ok	2.12						
16579	ok	2.04						
16580	ok	1.83						
16581	ok	1.80						
16582	ok	1.30						
16583	ok	0.88						
16584	ok	0.49						
16585	ok	0.53						
16586	ok	0.87						
16587	ok	1.48						
16588	ok	2.60						
16589	ok	2.19						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
16590	ok	1.58						
16591	ok	0.89						
16592	ok	0.47						
16593	ok	1.14						
16594	ok	1.97						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		4.03						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
42	25.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
5393	ok	0.0	1.0	7.50e-02	5.7	5.7	5.7	11.3	-107.4	-113.2	40.0	4.2	82.0	1.2
5453	ok	0.0	0.9	2.83e-02	5.7	6.6	5.7	7.9	10.4	-4.4	-22.6	10.2	43.7	-9.0
5455	ok	0.0	1.0	6.77e-02	5.7	7.2	5.7	10.2	146.3	6.8	6.6	21.4	53.6	5.4
5456	ok	0.0	1.0	6.01e-02	5.7	7.4	5.7	7.8	188.4	15.2	33.5	20.7	47.8	-1.9
5491	ok	0.0	0.9	3.76e-02	5.7	5.7	5.7	8.5	-0.4	-127.4	-11.8	15.2	60.7	5.5
16275	ok	0.0	0.3	1.49e-02	5.7	5.7	5.7	5.7	-55.9	1.64e-02	36.1	7.1	4.8	-1.0
16278	ok	0.0	0.9	1.11e-02	5.7	5.7	5.7	8.0	-42.5	22.2	12.4	3.7	48.4	-2.3
16279	ok	0.0	0.5	1.90e-02	5.7	5.7	5.7	5.7	-49.5	-12.4	43.9	5.9	18.8	-1.6
16280	ok	0.0	0.3	1.67e-02	5.7	5.7	5.7	5.7	-49.6	7.9	47.2	3.1	8.3	-1.4
16959	ok	0.0	0.3	3.47e-02	5.7	5.7	5.7	5.7	-66.0	-36.2	56.7	13.0	-6.6	0.6
16960	ok	0.0	0.2	1.99e-02	5.7	5.7	5.7	5.7	-54.0	-34.4	-5.2	11.1	-0.9	-3.96e-02
16961	ok	0.0	0.5	1.30e-02	5.7	5.7	5.7	5.7	0.7	-56.2	0.1	15.2	9.7	-1.5
16963	ok	0.0	0.4	4.83e-02	5.7	5.7	5.7	5.7	-139.9	-130.7	111.1	11.8	-9.3	-16.2
16964	ok	0.0	0.3	4.92e-03	5.7	5.7	5.7	5.7	31.4	36.2	-5.6	8.5	-8.8	1.3
16965	ok	0.0	0.4	5.33e-03	5.7	5.7	5.7	5.7	69.6	52.0	-7.1	8.3	-7.0	-2.0
16966	ok	0.0	0.8	1.18e-02	5.7	5.7	5.7	5.8	-12.2	17.2	30.7	4.3	27.4	-9.8
16967	ok	0.0	0.4	1.63e-02	5.7	5.7	5.7	5.7	-18.3	31.3	-8.0	17.7	4.9	-1.9
16968	ok	0.0	0.5	1.66e-02	5.7	5.7	5.7	5.7	-6.7	34.6	32.1	17.8	4.4	2.09e-02
16969	ok	0.0	0.5	1.93e-02	5.7	5.7	5.7	5.7	14.6	25.7	26.5	19.0	5.7	-1.7
16970	ok	0.0	0.7	1.97e-02	5.7	5.7	5.7	5.7	29.8	-64.8	-12.2	16.3	21.6	-3.4
16971	ok	0.0	0.2	9.03e-03	5.7	5.7	5.7	5.7	-18.0	7.2	-2.6	8.5	2.4	-2.7
16972	ok	0.0	0.3	8.12e-03	5.7	5.7	5.7	5.7	-12.1	7.9	6.7	9.5	1.9	-2.6
16973	ok	0.0	0.3	1.03e-02	5.7	5.7	5.7	5.7	-13.8	-10.2	-9.1	13.2	3.6	-1.1
16974	ok	0.0	0.2	1.19e-02	5.7	5.7	5.7	5.7	-27.8	4.6	31.7	7.5	5.9	-1.1
16975	ok	0.0	0.3	1.47e-02	5.7	5.7	5.7	5.7	-12.3	-19.1	32.9	5.2	-4.6	4.2
16976	ok	0.0	0.4	1.30e-02	5.7	5.7	5.7	5.7	3.2	-17.2	28.0	12.1	2.7	-0.9
16977	ok	0.0	0.4	1.44e-02	5.7	5.7	5.7	5.7	6.4	-62.3	23.5	11.7	9.1	1.9
16978	ok	0.0	0.9	3.36e-02	5.7	5.7	5.7	5.7	-6.3	-148.8	12.2	17.1	36.7	6.2
16979	ok	0.0	0.2	1.14e-02	5.7	5.7	5.7	5.7	-46.0	10.0	25.7	5.2	5.5	-5.6
16980	ok	0.0	0.2	7.82e-03	5.7	5.7	5.7	5.7	-16.8	8.5	8.8	7.7	0.6	-4.9
16981	ok	0.0	0.3	9.25e-03	5.7	5.7	5.7	5.7	-8.0	-0.7	-11.7	8.3	1.2	-3.5
16982	ok	0.0	0.2	1.40e-02	5.7	5.7	5.7	5.7	-41.7	6.7	39.8	3.7	8.8	-3.7
16983	ok	0.0	0.2	2.38e-02	5.7	5.7	5.7	5.7	-16.5	-29.1	31.2	6.2	-4.9	3.1
16984	ok	0.0	0.3	1.33e-02	5.7	5.7	5.7	5.7	-46.6	-17.9	-4.2	8.0	-2.7	4.1
16985	ok	0.0	0.5	1.35e-02	5.7	5.7	5.7	5.7	27.0	-43.2	2.8	15.3	8.6	2.8
16986	ok	0.0	0.8	2.57e-02	5.7	5.7	5.7	5.7	12.6	-77.3	52.0	17.8	30.4	2.3
16987	ok	0.0	0.4	1.94e-02	5.7	5.7	5.7	5.7	-61.7	8.4	31.4	7.7	5.9	-8.3
16988	ok	0.0	0.3	9.85e-03	5.7	5.7	5.7	5.7	-24.2	-21.3	-26.3	9.7	-6.6	-3.7
16989	ok	0.0	0.3	9.92e-03	5.7	5.7	5.7	5.7	2.9	-27.2	31.3	8.4	-5.7	-0.9
16990	ok	0.0	0.4	2.18e-02	5.7	5.7	5.7	5.7	-39.8	-18.1	42.4	6.2	16.2	-9.0
17078	ok	0.0	1.0	1.76e-02	5.7	7.9	7.0	8.0	60.5	2.1	39.5	10.5	22.3	9.2
17081	ok	0.0	0.3	8.68e-03	5.7	5.7	5.7	5.7	-28.5	2.4	26.4	8.7	8.9	3.18e-02
17082	ok	0.0	0.3	1.38e-02	5.7	5.7	5.7	5.7	-56.8	-7.6	25.3	8.6	8.0	-0.8
17084	ok	0.0	0.2	6.83e-03	5.7	5.7	5.7	5.7	-15.3	24.2	-3.3	10.0	2.9	0.1
17089	ok	0.0	0.3	7.23e-03	5.7	5.7	5.7	5.7	-10.2	13.1	-1.9	11.5	2.8	-0.7
17091	ok	0.0	0.4	9.20e-03	5.7	5.7	5.7	5.7	-4.5	19.7	-14.4	14.7	6.2	-0.5
17094	ok	0.0	1.0	2.28e-02	5.7	5.7	6.4	5.7	17.9	90.2	41.8	-23.7	-29.2	1.9
17097	ok	0.0	0.6	1.59e-02	5.7	5.7	5.7	5.7	0.4	-26.3	21.5	-21.8	-6.5	3.3
17099	ok	0.0	0.5	1.39e-02	5.7	5.7	5.7	5.7	11.1	13.0	49.5	13.9	9.9	-0.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
17101	ok	0.0	0.5	2.30e-02	5.7	5.7	5.7	5.7	-31.8	4.3	59.4	20.6	9.9	-3.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-139.92	-148.78	-26.31	-23.67	-29.15	-16.23
		0.0	0.99	0.08	5.65	7.88	7.04	11.28	188.36	90.19	111.14	21.43	82.04	9.21

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
5393	ok Av	15.68	0.21	0.49	7.1	16.3	114.9	264.6
5453	ok Av	6.48	0.18	0.18	5.8	5.9	94.8	95.7
5455	ok Av	7.72	0.19	0.23	6.3	7.5	102.4	121.5
5456	ok	5.43						
5491	ok Av	25.69	0.10	0.88	3.2	29.1	51.4	472.0
16275	ok	3.65						
16278	ok Av	13.75	0.11	0.46	3.5	15.3	56.8	247.4
16279	ok	5.44						
16280	ok	2.52						
16959	ok	3.02						
16960	ok	1.49						
16961	ok	3.82						
16963	ok Av	13.40	0.12	0.44	4.1	14.6	67.1	237.2
16964	ok	1.34						
16965	ok	1.54						
16966	ok Av	10.64	0.04	0.36	1.3	12.1	20.5	195.5
16967	ok	2.00						
16968	ok	1.47						
16969	ok	3.19						
16970	ok Av	7.52	0.21	0.20	6.9	6.7	111.4	108.1
16971	ok	1.71						
16972	ok	0.88						
16973	ok	1.14						
16974	ok	2.87						
16975	ok	0.84						
16976	ok	1.45						
16977	ok	2.80						
16978	ok Av	7.74	0.04	0.26	1.5	8.8	23.6	142.0
16979	ok	0.94						
16980	ok	0.57						
16981	ok	0.74						
16982	ok	0.97						
16983	ok	0.92						
16984	ok	1.34						
16985	ok	1.99						
16986	ok	4.16						
16987	ok	4.92						
16988	ok	0.97						
16989	ok	0.82						
16990	ok	2.02						
17078	ok Av	15.49	0.15	0.52	4.9	17.2	79.9	278.9
17081	ok	5.04						
17082	ok	5.48						
17084	ok	1.64						
17089	ok	1.61						
17091	ok	2.35						
17094	ok Av	13.81	0.37	0.44	12.3	14.4	198.5	233.8
17097	ok	4.77						
17099	ok	2.82						
17101	ok	2.73						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		25.69	0.37	0.88	12.26	29.13	198.53	471.95

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
29	20.00	5	8	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									kN/ m	kN/ m	kN/ m	kN	kN	kN
15782	ok	0.0	0.4	0.1	5.7	5.7	5.7	5.7	-411.9	-115.6	143.3	17.0	-1.5	1.3
16267	ok	0.0	0.8	3.19e-02	5.7	5.7	5.7	5.7	15.2	-35.8	-14.2	20.5	1.4	0.2
16268	ok	0.0	0.6	6.49e-03	5.7	5.7	5.7	5.7	66.1	28.7	-4.2	10.9	-2.0	-0.6
16269	ok	0.0	0.7	9.14e-03	5.7	5.7	5.7	5.7	155.0	5.1	-13.3	8.5	-3.8	0.7
16959	ok	0.0	0.1	6.48e-02	5.7	5.7	5.7	5.7	-193.1	-46.9	45.9	10.0	0.3	1.0
16960	ok	0.0	0.4	2.00e-02	5.7	5.7	5.7	5.7	-22.3	-26.3	-12.1	11.9	1.6	0.4
16961	ok	0.0	0.5	1.58e-02	5.7	5.7	5.7	5.7	30.5	-27.4	13.6	11.3	2.1	0.2
17078	ok	0.0	0.9	4.50e-03	5.7	11.2	5.7	6.1	358.8	81.5	95.0	20.3	3.33e-02	1.6
17251	ok	0.0	0.4	2.09e-02	5.7	5.7	5.7	5.7	17.1	2.3	-2.5	4.2	0.5	-0.5
17252	ok	0.0	0.5	1.40e-02	5.7	5.7	5.7	5.7	57.8	3.6	3.1	-5.9	-0.2	-1.5
17253	ok	0.0	0.4	1.45e-02	5.7	5.7	5.7	5.7	3.9	-5.29e-02	4.1	-10.4	0.2	-1.0
17254	ok	0.0	0.3	1.41e-02	5.7	5.7	5.7	5.7	-38.8	-0.3	3.9	-12.1	0.2	-0.5
17255	ok	0.0	0.3	2.18e-02	5.7	5.7	5.7	5.7	-74.5	0.5	3.9	-10.8	0.2	0.2
17256	ok	0.0	0.2	3.40e-02	5.7	5.7	5.7	5.7	-23.8	5.4	-7.3	-7.5	-9.46e-02	0.6
17257	ok	0.0	0.2	4.72e-02	5.7	5.7	5.7	5.7	-46.7	-4.3	-7.2	-3.0	-0.5	0.9
17258	ok	0.0	0.1	2.38e-02	5.7	5.7	5.7	5.7	-63.5	-7.5	26.0	4.8	0.8	0.1
17259	ok	0.0	0.3	1.97e-02	5.7	5.7	5.7	5.7	16.7	6.2	5.0	-6.7	-0.5	0.1
17260	ok	0.0	0.4	1.68e-02	5.7	5.7	5.7	5.7	-24.4	0.1	27.0	-10.5	-0.5	-0.4
17261	ok	0.0	0.4	1.41e-02	5.7	5.7	5.7	5.7	-13.4	0.3	27.1	-11.9	-0.5	-0.7
17262	ok	0.0	0.4	1.17e-02	5.7	5.7	5.7	5.7	-2.4	2.46e-03	26.9	-10.2	-0.6	-1.0
17263	ok	0.0	0.3	9.83e-03	5.7	5.7	5.7	5.7	9.1	-3.4	23.8	-5.4	-0.8	-1.5
17264	ok	0.0	0.3	9.67e-03	5.7	5.7	5.7	5.7	25.8	-32.9	-5.5	4.0	-0.6	-1.7
17265	ok	0.0	0.3	4.10e-02	5.7	5.7	5.7	5.7	-74.7	-70.9	95.7	4.1	-1.4	1.1
17266	ok	0.0	0.2	2.47e-02	5.7	5.7	5.7	5.7	-27.8	-2.7	33.3	-5.4	-0.8	0.4
17267	ok	0.0	0.4	2.03e-02	5.7	5.7	5.7	5.7	-9.9	-0.3	27.0	-10.1	-0.7	-0.3
17268	ok	0.0	0.5	1.60e-02	5.7	5.7	5.7	5.7	5.2	-0.3	29.8	-11.9	-0.5	-0.6
17269	ok	0.0	0.5	1.22e-02	5.7	5.7	5.7	5.7	24.0	-0.2	30.0	-10.5	-0.5	-0.9
17270	ok	0.0	0.4	9.38e-03	5.7	5.7	5.7	5.7	50.2	-3.0	3.8	-6.6	-0.5	-0.9
17271	ok	0.0	0.4	1.01e-02	5.7	5.7	5.7	5.7	52.0	20.5	38.9	6.3	0.4	-6.95e-02
17272	ok	0.0	0.6	1.16e-02	5.7	5.7	5.7	5.7	173.9	-35.3	-19.0	-5.06e-02	0.2	-2.7
17273	ok	0.0	0.6	2.18e-03	5.7	5.7	5.7	5.7	114.6	1.1	-1.6	-7.6	-0.2	-1.0
17274	ok	0.0	0.6	4.01e-03	5.7	5.7	5.7	5.7	78.8	-1.29e-02	0.5	-10.7	0.2	-0.8
17275	ok	0.0	0.5	1.60e-02	5.7	5.7	5.7	5.7	31.2	0.3	0.5	-12.1	0.2	-0.4
17276	ok	0.0	0.5	2.93e-02	5.7	5.7	5.7	5.7	-19.7	0.2	0.3	-10.4	0.2	0.3
17277	ok	0.0	0.3	4.44e-02	5.7	5.7	5.7	5.7	-67.1	3.9	-0.7	-5.8	0.2	1.0
17278	ok	0.0	0.4	6.85e-02	5.7	5.7	5.7	5.7	-147.4	-6.1	12.3	2.2	0.2	1.2
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-411.95	-115.61	-18.99	-12.11	-3.85	-2.67
		0.0	0.94	0.13	5.65	11.22	5.65	6.13	358.83	81.51	143.34	20.52	2.14	1.59

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					kN/ m	kN/ m
15782	ok Av	6.72	0.20	0.11	6.7	3.7	78.7	43.8
16267	ok Av	6.14	0.19	0.09	6.3	2.9	74.7	34.6
16268	ok	1.68						
16269	ok	3.02						
16959	ok	1.66						
16960	ok	1.87						
16961	ok	1.75						
17078	ok	4.92						
17251	ok	2.89						
17252	ok	2.21						
17253	ok	1.54						
17254	ok	1.38						
17255	ok	0.70						
17256	ok	1.44						
17257	ok	2.24						
17258	ok	1.46						
17259	ok	0.99						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17260	ok	0.59						
17261	ok	0.41						
17262	ok	0.69						
17263	ok	1.06						
17264	ok	1.67						
17265	ok	1.71						
17266	ok	0.99						
17267	ok	0.62						
17268	ok	0.40						
17269	ok	0.66						
17270	ok	1.03						
17271	ok	1.95						
17272	ok	2.32						
17273	ok	2.01						
17274	ok	1.27						
17275	ok	0.54						
17276	ok	0.84						
17277	ok	1.64						
17278	ok	2.32						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		6.72	0.20	0.11	6.67	3.71	78.74	43.79

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
4977	0.23	0.61	0.28	316,308,334	0.0	0.0	0.0	0,0,0
9822	0.20	0.53	0.24	308,308,334	0.0	0.0	0.0	0,0,0
9825	0.18	0.75	0.20	302,308,333	0.30	0.28	0.27	308,327,334
9828	0.10	0.48	0.12	316,307,334	0.0	0.0	0.0	0,0,0
9831	0.17	0.43	0.20	316,308,334	0.0	0.0	0.0	0,0,0
9834	0.19	0.43	0.22	308,308,334	0.0	0.0	0.0	0,0,0
9837	0.18	0.38	0.22	308,308,334	0.0	0.0	0.0	0,0,0
9840	0.16	0.30	0.18	302,308,333	0.0	0.0	0.0	0,0,0
9843	0.08	0.14	0.09	302,308,333	0.0	0.0	0.0	0,0,0
10282	0.09	0.28	0.11	301,308,333	0.0	0.0	0.0	0,0,0
10811	0.17	0.58	0.20	316,316,334	0.0	0.0	0.0	0,0,0
13419	0.18	0.37	0.22	320,320,333	0.0	0.0	0.0	0,0,0
13420	0.07	0.16	0.08	316,316,333	0.0	0.0	0.0	0,0,0
13421	0.06	0.14	0.07	316,316,333	0.0	0.0	0.0	0,0,0
13422	0.03	0.11	0.04	302,316,333	0.0	0.0	0.0	0,0,0
13551	0.15	0.27	0.18	320,320,333	0.0	0.0	0.0	0,0,0
13552	0.09	0.19	0.11	316,316,333	0.0	0.0	0.0	0,0,0
13553	0.06	0.14	0.08	316,316,333	0.0	0.0	0.0	0,0,0
13555	0.06	0.13	0.07	320,316,334	0.0	0.0	0.0	0,0,0
13571	0.18	0.32	0.22	316,316,333	0.0	0.0	0.0	0,0,0
13572	0.17	0.27	0.20	316,316,333	0.0	0.0	0.0	0,0,0
13581	0.16	0.26	0.20	316,316,333	0.0	0.0	0.0	0,0,0
13594	0.17	0.27	0.20	316,316,334	0.0	0.0	0.0	0,0,0
13708	0.46	0.59	0.56	316,316,333	0.20	0.21	0.21	316,326,333
13710	0.32	0.48	0.39	316,316,333	0.16	0.0	0.0	316,0,0
13713	0.29	0.44	0.35	320,320,334	0.0	0.0	0.0	0,0,0
13723	0.40	0.58	0.49	320,320,334	0.19	0.20	0.20	320,332,334
15721	0.11	0.26	0.13	316,316,334	0.0	0.0	0.0	0,0,0
15722	0.07	0.14	0.08	316,316,334	0.0	0.0	0.0	0,0,0
15723	0.09	0.16	0.10	316,316,334	0.0	0.0	0.0	0,0,0
15724	0.05	0.12	0.07	308,308,334	0.0	0.0	0.0	0,0,0
15725	0.03	0.07	0.04	308,314,334	0.0	0.0	0.0	0,0,0
15901	0.03	0.06	0.04	302,302,333	0.0	0.0	0.0	0,0,0
15902	0.06	0.13	0.07	302,302,333	0.0	0.0	0.0	0,0,0
15903	0.08	0.17	0.10	301,301,333	0.0	0.0	0.0	0,0,0
15904	0.05	0.10	0.06	302,302,333	0.0	0.0	0.0	0,0,0
15905	0.06	0.12	0.07	302,302,333	0.0	0.0	0.0	0,0,0
15952	0.09	0.18	0.11	302,302,333	0.0	0.0	0.0	0,0,0
15953	0.04	0.09	0.05	316,315,334	0.0	0.0	0.0	0,0,0
15954	0.03	0.07	0.04	302,315,333	0.0	0.0	0.0	0,0,0
15955	0.07	0.14	0.08	308,302,334	0.0	0.0	0.0	0,0,0
15956	0.07	0.14	0.08	302,302,333	0.0	0.0	0.0	0,0,0
16401	0.18	0.43	0.22	316,316,334	0.0	0.0	0.0	0,0,0
16402	0.02	0.05	0.02	314,314,334	0.0	0.0	0.0	0,0,0
16403	0.03	0.08	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16404	0.08	0.18	0.10	301,301,333	0.0	0.0	0.0	0,0,0
16405	0.15	0.33	0.18	301,301,333	0.0	0.0	0.0	0,0,0
16406	0.14	0.34	0.16	316,316,334	0.0	0.0	0.0	0,0,0
16407	0.12	0.21	0.13	315,302,334	0.0	0.0	0.0	0,0,0
16408	0.05	0.11	0.06	302,302,333	0.0	0.0	0.0	0,0,0
16409	0.04	0.08	0.05	308,315,334	0.0	0.0	0.0	0,0,0
16410	0.03	0.06	0.04	308,308,334	0.0	0.0	0.0	0,0,0
16411	0.05	0.11	0.06	302,302,333	0.0	0.0	0.0	0,0,0
16412	0.05	0.10	0.06	308,307,334	0.0	0.0	0.0	0,0,0
16413	0.08	0.20	0.09	316,316,334	0.0	0.0	0.0	0,0,0
16414	0.13	0.33	0.15	316,316,334	0.0	0.0	0.0	0,0,0
16430	0.04	0.13	0.05	316,315,334	0.0	0.0	0.0	0,0,0
16431	0.04	0.12	0.06	302,315,333	0.0	0.0	0.0	0,0,0
16432	0.05	0.12	0.06	306,302,333	0.0	0.0	0.0	0,0,0
16433	0.05	0.13	0.06	306,316,333	0.0	0.0	0.0	0,0,0
16434	0.05	0.13	0.06	322,316,334	0.0	0.0	0.0	0,0,0
16435	0.04	0.13	0.05	322,316,334	0.0	0.0	0.0	0,0,0
16436	0.04	0.14	0.05	301,315,333	0.0	0.0	0.0	0,0,0
16437	0.04	0.14	0.05	301,315,333	0.0	0.0	0.0	0,0,0
16438	0.03	0.13	0.04	301,301,333	0.0	0.0	0.0	0,0,0
16439	0.07	0.20	0.09	301,301,333	0.0	0.0	0.0	0,0,0
16440	0.06	0.15	0.07	316,316,334	0.0	0.0	0.0	0,0,0
16441	0.02	0.07	0.03	305,315,333	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16442	0.04	0.11	0.04	305,315,333	0.0	0.0	0.0	0,0,0
16443	0.05	0.13	0.06	321,315,333	0.0	0.0	0.0	0,0,0
16444	0.05	0.13	0.06	308,316,334	0.0	0.0	0.0	0,0,0
16445	0.05	0.10	0.06	308,316,334	0.0	0.0	0.0	0,0,0
16446	0.04	0.08	0.04	308,308,334	0.0	0.0	0.0	0,0,0
16447	0.03	0.04	0.03	308,315,334	0.0	0.0	0.0	0,0,0
16448	0.02	0.05	0.03	315,316,334	0.0	0.0	0.0	0,0,0
16449	0.02	0.05	0.03	315,316,334	0.0	0.0	0.0	0,0,0
16450	0.03	0.05	0.04	307,314,334	0.0	0.0	0.0	0,0,0
16451	0.04	0.08	0.05	301,301,333	0.0	0.0	0.0	0,0,0
16452	0.10	0.22	0.12	307,307,334	0.0	0.0	0.0	0,0,0
16453	0.08	0.16	0.09	307,307,334	0.0	0.0	0.0	0,0,0
16454	0.25	0.59	0.29	307,308,334	0.0	0.0	0.0	0,0,0
16455	0.13	0.35	0.15	307,307,334	0.0	0.0	0.0	0,0,0
16456	0.12	0.31	0.14	307,307,334	0.0	0.0	0.0	0,0,0
16457	0.06	0.11	0.07	307,307,334	0.0	0.0	0.0	0,0,0
16458	0.04	0.06	0.04	307,316,334	0.0	0.0	0.0	0,0,0
16459	0.07	0.08	0.08	301,307,333	0.0	0.0	0.0	0,0,0
16460	0.05	0.09	0.05	301,301,334	0.0	0.0	0.0	0,0,0
16461	0.06	0.18	0.07	316,301,334	0.0	0.0	0.0	0,0,0
16462	0.10	0.13	0.12	301,307,333	0.0	0.0	0.0	0,0,0
16463	0.13	0.51	0.16	301,315,333	0.0	0.0	0.0	0,0,0
16464	0.07	0.19	0.08	308,302,334	0.0	0.0	0.0	0,0,0
16465	0.11	0.35	0.13	301,301,333	0.0	0.0	0.0	0,0,0
16466	0.09	0.18	0.10	308,302,334	0.0	0.0	0.0	0,0,0
16467	0.13	0.32	0.15	308,316,334	0.0	0.0	0.0	0,0,0
16468	0.11	0.24	0.14	308,308,334	0.0	0.0	0.0	0,0,0
16469	0.35	0.68	0.43	308,307,334	0.0	0.0	0.0	0,0,0
16473	0.17	0.30	0.20	301,301,333	0.0	0.0	0.0	0,0,0
16476	0.06	0.03	0.07	315,315,334	0.0	0.0	0.0	0,0,0
16477	0.10	0.06	0.11	307,307,334	0.0	0.0	0.0	0,0,0
16478	0.10	0.08	0.12	307,307,334	0.0	0.0	0.0	0,0,0
16479	0.10	0.07	0.12	307,307,334	0.0	0.0	0.0	0,0,0
16480	0.07	0.04	0.08	307,307,334	0.0	0.0	0.0	0,0,0
16481	0.08	0.05	0.10	316,308,334	0.0	0.0	0.0	0,0,0
16482	0.27	0.36	0.32	308,316,334	0.0	0.0	0.0	0,0,0
16516	0.06	0.14	0.07	316,316,334	0.0	0.0	0.0	0,0,0
16517	0.04	0.13	0.05	316,316,334	0.0	0.0	0.0	0,0,0
16518	0.03	0.12	0.04	316,308,334	0.0	0.0	0.0	0,0,0
16519	0.03	0.11	0.04	316,316,333	0.0	0.0	0.0	0,0,0
16520	0.05	0.12	0.05	302,301,333	0.0	0.0	0.0	0,0,0
16521	0.06	0.18	0.08	301,301,333	0.0	0.0	0.0	0,0,0
16522	0.07	0.19	0.09	301,301,333	0.0	0.0	0.0	0,0,0
16523	0.16	0.39	0.20	301,301,333	0.0	0.0	0.0	0,0,0
16524	0.14	0.35	0.17	301,301,333	0.0	0.0	0.0	0,0,0
16525	0.38	0.78	0.45	301,301,333	0.30	0.29	0.28	316,323,333
16526	0.21	0.76	0.25	301,301,333	0.0	0.0	0.0	0,0,0
16527	0.17	0.64	0.20	316,301,333	0.0	0.0	0.0	0,0,0
16528	0.11	0.31	0.13	301,301,333	0.0	0.0	0.0	0,0,0
16529	0.07	0.14	0.08	301,301,333	0.0	0.0	0.0	0,0,0
16530	0.08	0.15	0.10	302,315,333	0.0	0.0	0.0	0,0,0
16531	0.06	0.19	0.07	316,308,334	0.0	0.0	0.0	0,0,0
16532	0.06	0.25	0.07	316,308,334	0.0	0.0	0.0	0,0,0
16533	0.13	0.34	0.15	307,308,334	0.0	0.0	0.0	0,0,0
16534	0.13	0.46	0.15	307,301,334	0.0	0.0	0.0	0,0,0
16535	0.08	0.24	0.09	316,308,334	0.0	0.0	0.0	0,0,0
16536	0.12	0.41	0.14	307,308,334	0.0	0.0	0.0	0,0,0
16537	0.10	0.22	0.12	316,316,334	0.0	0.0	0.0	0,0,0
16538	0.14	0.34	0.16	315,316,334	0.0	0.0	0.0	0,0,0
16539	0.12	0.29	0.15	307,315,334	0.0	0.0	0.0	0,0,0
16540	0.32	0.73	0.39	307,315,334	0.28	0.27	0.26	315,327,334
16541	0.05	0.24	0.06	316,315,334	0.0	0.0	0.0	0,0,0
16542	0.05	0.18	0.07	308,315,334	0.0	0.0	0.0	0,0,0
16543	0.05	0.14	0.07	308,315,334	0.0	0.0	0.0	0,0,0
16544	0.05	0.10	0.06	314,308,334	0.0	0.0	0.0	0,0,0
16545	0.04	0.06	0.05	314,314,334	0.0	0.0	0.0	0,0,0
16546	0.02	0.05	0.03	314,316,334	0.0	0.0	0.0	0,0,0
16547	0.02	0.07	0.03	315,315,333	0.0	0.0	0.0	0,0,0
16551	0.13	0.31	0.15	301,301,333	0.0	0.0	0.0	0,0,0
16552	0.19	0.27	0.22	308,308,334	0.0	0.0	0.0	0,0,0
16553	0.08	0.09	0.09	308,308,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16554	0.14	0.23	0.17	316,307,334	0.0	0.0	0.0	0,0,0
16555	0.17	0.29	0.20	301,301,333	0.0	0.0	0.0	0,0,0
16556	0.16	0.30	0.19	301,301,333	0.0	0.0	0.0	0,0,0
16557	0.11	0.24	0.13	301,301,333	0.0	0.0	0.0	0,0,0
16558	0.20	0.34	0.24	301,301,333	0.0	0.0	0.0	0,0,0
16559	0.23	0.53	0.27	307,307,334	0.0	0.0	0.0	0,0,0
16560	0.09	0.20	0.11	307,315,334	0.0	0.0	0.0	0,0,0
16561	0.14	0.25	0.16	307,315,334	0.0	0.0	0.0	0,0,0
16562	0.13	0.24	0.16	307,315,334	0.0	0.0	0.0	0,0,0
16563	0.13	0.22	0.15	307,307,334	0.0	0.0	0.0	0,0,0
16564	0.09	0.11	0.10	307,307,334	0.0	0.0	0.0	0,0,0
16565	0.09	0.07	0.11	316,308,334	0.0	0.0	0.0	0,0,0
16566	0.25	0.34	0.30	315,308,334	0.0	0.0	0.0	0,0,0
16567	0.13	0.17	0.15	301,307,333	0.0	0.0	0.0	0,0,0
16568	0.07	0.09	0.08	307,307,334	0.0	0.0	0.0	0,0,0
16569	0.12	0.15	0.14	307,307,334	0.0	0.0	0.0	0,0,0
16570	0.12	0.14	0.14	307,307,334	0.0	0.0	0.0	0,0,0
16571	0.12	0.13	0.13	307,307,334	0.0	0.0	0.0	0,0,0
16572	0.07	0.06	0.08	307,307,334	0.0	0.0	0.0	0,0,0
16573	0.08	0.05	0.10	316,316,334	0.0	0.0	0.0	0,0,0
16574	0.26	0.34	0.30	316,308,334	0.0	0.0	0.0	0,0,0
16575	0.15	0.22	0.17	315,315,334	0.0	0.0	0.0	0,0,0
16777	0.44	0.72	0.53	316,316,333	0.29	0.26	0.25	316,323,333
16778	0.36	0.76	0.44	316,316,334	0.30	0.28	0.27	316,323,333
16779	0.37	0.71	0.45	302,302,333	0.27	0.26	0.25	316,323,333
16780	0.55	0.77	0.66	302,302,333	0.31	0.29	0.28	302,323,333
16781	0.12	0.33	0.14	316,316,333	0.0	0.0	0.0	0,0,0
16782	0.25	0.72	0.30	302,302,333	0.0	0.0	0.0	0,0,0
16783	0.22	0.57	0.27	302,302,333	0.0	0.0	0.0	0,0,0
16784	0.17	0.39	0.21	316,302,333	0.0	0.0	0.0	0,0,0
16785	0.03	0.08	0.04	302,301,333	0.0	0.0	0.0	0,0,0
16786	0.05	0.10	0.06	315,315,333	0.0	0.0	0.0	0,0,0
16787	0.15	0.33	0.17	315,315,333	0.0	0.0	0.0	0,0,0
16788	0.39	0.74	0.47	301,301,333	0.28	0.27	0.26	301,323,333
16789	0.13	0.31	0.16	302,302,333	0.0	0.0	0.0	0,0,0
16790	0.09	0.15	0.11	301,302,333	0.0	0.0	0.0	0,0,0
16791	0.07	0.18	0.09	301,301,333	0.0	0.0	0.0	0,0,0
16792	0.06	0.13	0.07	315,315,333	0.0	0.0	0.0	0,0,0
16793	0.06	0.12	0.07	316,302,333	0.0	0.0	0.0	0,0,0
16794	0.08	0.19	0.09	316,316,334	0.0	0.0	0.0	0,0,0
16795	0.07	0.17	0.08	315,315,334	0.0	0.0	0.0	0,0,0
16796	0.06	0.18	0.07	316,315,334	0.0	0.0	0.0	0,0,0
16797	0.13	0.30	0.15	302,302,333	0.0	0.0	0.0	0,0,0
16798	0.11	0.27	0.13	316,316,333	0.0	0.0	0.0	0,0,0
16799	0.08	0.18	0.10	316,315,333	0.0	0.0	0.0	0,0,0
16800	0.09	0.18	0.10	316,315,333	0.0	0.0	0.0	0,0,0
16801	0.07	0.16	0.09	302,302,333	0.0	0.0	0.0	0,0,0
16802	0.05	0.11	0.06	302,301,333	0.0	0.0	0.0	0,0,0
16803	0.06	0.11	0.07	316,302,333	0.0	0.0	0.0	0,0,0
16804	0.13	0.27	0.16	315,316,333	0.0	0.0	0.0	0,0,0
16805	0.22	0.51	0.26	301,301,333	0.0	0.0	0.0	0,0,0
16806	0.14	0.30	0.17	315,302,333	0.0	0.0	0.0	0,0,0
16807	0.08	0.24	0.10	316,301,334	0.0	0.0	0.0	0,0,0
16808	0.11	0.33	0.12	301,315,333	0.0	0.0	0.0	0,0,0
16809	0.11	0.19	0.13	316,308,333	0.0	0.0	0.0	0,0,0
16810	0.06	0.12	0.07	316,302,333	0.0	0.0	0.0	0,0,0
16811	0.09	0.17	0.11	316,301,333	0.0	0.0	0.0	0,0,0
16812	0.09	0.20	0.12	316,302,333	0.0	0.0	0.0	0,0,0
16813	0.44	0.72	0.53	316,316,334	0.30	0.23	0.23	316,323,333
16814	0.38	0.76	0.47	316,316,334	0.29	0.29	0.28	316,327,334
16815	0.40	0.72	0.48	316,316,334	0.26	0.27	0.26	316,327,334
16816	0.56	0.78	0.67	308,308,334	0.30	0.29	0.28	308,327,334
16817	0.15	0.36	0.18	316,316,334	0.0	0.0	0.0	0,0,0
16818	0.27	0.73	0.32	316,308,334	0.0	0.0	0.0	0,0,0
16979	0.17	0.28	0.20	308,308,334	0.0	0.0	0.0	0,0,0
16980	0.08	0.12	0.10	315,301,333	0.0	0.0	0.0	0,0,0
16981	0.15	0.26	0.18	315,301,333	0.0	0.0	0.0	0,0,0
16982	0.18	0.32	0.21	301,301,333	0.0	0.0	0.0	0,0,0
16983	0.17	0.31	0.20	301,301,333	0.0	0.0	0.0	0,0,0
16984	0.16	0.30	0.19	307,307,334	0.0	0.0	0.0	0,0,0
16985	0.10	0.26	0.12	307,307,334	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
16986	0.31	0.60	0.37	316,301,334	0.0	0.0	0.0	0,0,0
16987	0.17	0.37	0.20	308,302,334	0.0	0.0	0.0	0,0,0
16988	0.10	0.28	0.12	315,301,333	0.0	0.0	0.0	0,0,0
16989	0.16	0.36	0.19	315,301,333	0.0	0.0	0.0	0,0,0
16990	0.18	0.35	0.21	301,301,333	0.0	0.0	0.0	0,0,0
16991	0.18	0.35	0.21	301,301,333	0.0	0.0	0.0	0,0,0
16992	0.15	0.29	0.18	307,301,334	0.0	0.0	0.0	0,0,0
16993	0.09	0.20	0.10	307,301,334	0.0	0.0	0.0	0,0,0
16994	0.20	0.48	0.23	301,301,333	0.0	0.0	0.0	0,0,0
16995	0.21	0.75	0.24	316,302,334	0.26	0.27	0.26	302,323,333
16996	0.11	0.44	0.13	315,301,333	0.0	0.0	0.0	0,0,0
16997	0.17	0.45	0.20	315,302,333	0.0	0.0	0.0	0,0,0
16998	0.19	0.45	0.22	301,302,333	0.0	0.0	0.0	0,0,0
16999	0.19	0.38	0.22	301,302,333	0.0	0.0	0.0	0,0,0
17000	0.15	0.27	0.18	302,301,333	0.0	0.0	0.0	0,0,0
17001	0.07	0.11	0.08	301,301,333	0.0	0.0	0.0	0,0,0
17002	0.16	0.56	0.19	316,316,334	0.0	0.0	0.0	0,0,0
17003	0.25	0.74	0.29	316,301,333	0.26	0.27	0.25	301,323,333
17004	0.10	0.30	0.12	315,301,333	0.0	0.0	0.0	0,0,0
17005	0.16	0.33	0.19	315,307,334	0.0	0.0	0.0	0,0,0
17006	0.18	0.32	0.21	307,307,334	0.0	0.0	0.0	0,0,0
17007	0.17	0.30	0.21	307,307,334	0.0	0.0	0.0	0,0,0
17008	0.15	0.23	0.18	308,307,334	0.0	0.0	0.0	0,0,0
17009	0.08	0.10	0.10	308,307,334	0.0	0.0	0.0	0,0,0
17010	0.19	0.38	0.21	308,307,334	0.0	0.0	0.0	0,0,0
17011	0.15	0.24	0.17	302,301,333	0.0	0.0	0.0	0,0,0
17012	0.09	0.19	0.10	315,301,333	0.0	0.0	0.0	0,0,0
17013	0.15	0.28	0.17	315,301,334	0.0	0.0	0.0	0,0,0
17014	0.17	0.29	0.20	307,307,334	0.0	0.0	0.0	0,0,0
17015	0.17	0.29	0.20	307,307,334	0.0	0.0	0.0	0,0,0
17016	0.15	0.27	0.18	301,301,333	0.0	0.0	0.0	0,0,0
17017	0.09	0.18	0.11	301,301,333	0.0	0.0	0.0	0,0,0
17018	0.27	0.49	0.32	315,302,334	0.0	0.0	0.0	0,0,0
17019	0.08	0.18	0.10	316,308,334	0.0	0.0	0.0	0,0,0
17020	0.16	0.33	0.18	316,308,334	0.0	0.0	0.0	0,0,0
17021	0.19	0.41	0.22	316,316,333	0.0	0.0	0.0	0,0,0
17022	0.19	0.46	0.22	316,307,333	0.0	0.0	0.0	0,0,0
17023	0.17	0.46	0.20	301,307,333	0.0	0.0	0.0	0,0,0
17024	0.10	0.42	0.12	301,307,333	0.0	0.0	0.0	0,0,0
17025	0.22	0.70	0.26	301,307,333	0.0	0.0	0.0	0,0,0
17026	0.17	0.38	0.20	301,308,333	0.0	0.0	0.0	0,0,0
17027	0.09	0.30	0.11	316,308,334	0.0	0.0	0.0	0,0,0
17028	0.16	0.38	0.19	316,308,334	0.0	0.0	0.0	0,0,0
17029	0.18	0.40	0.22	316,308,334	0.0	0.0	0.0	0,0,0
17030	0.18	0.39	0.21	316,308,334	0.0	0.0	0.0	0,0,0
17031	0.16	0.38	0.19	302,308,333	0.0	0.0	0.0	0,0,0
Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.56	0.78	0.67		0.31	0.29	0.28	