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O = non presente
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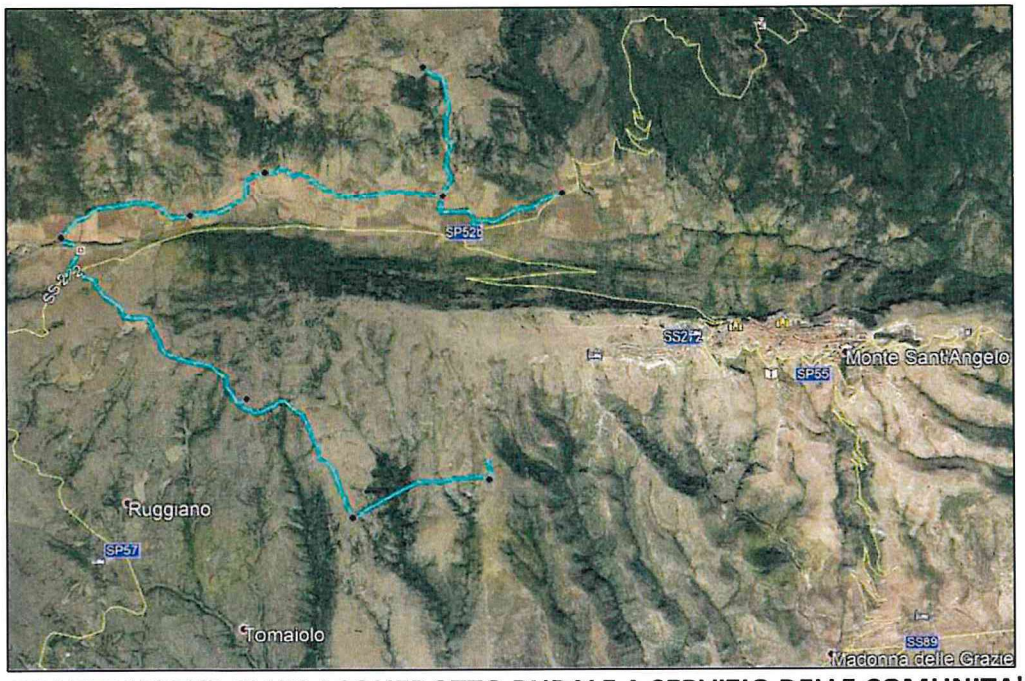

REALIZZAZIONE DI UN ACQUEDOTTO RURALE A SERVIZIO DELLE COMUNITA' AGRICOLE PRESENTI SUL TERRITORIO MONTANO DI MONTE SANT'ANGELO (FG)

PROGETTO DEFINITIVO

DATA: Settembre 2019	**TABULATI DI CALCOLO STRUTTURALE**	**Tavola ES 08**
REV. 00		

REDATTO DA : Settore Tecnico - Agrario
Consorzio di Bonifica Montana del Gargano

Il Progettista
Geom. Claudio DESTINO

Progetto strutturale e Calcolo idraulico
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ORDINE INGEGNERI DELLA PROVINCIA DI FOGGIA
DOTT. ING. ROBERTO SALICE Nº 2154

Il Responsabile del Procedimento
(Dott. Agr. Luciano CICIRETTI)

Tabulato di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 "Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo".

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D.M. 17/01/18 cap. 10.2 Affidabilità dei codici utilizzati

https://www.2si.it/it/prodotti/affidabilita/

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NORMATIVA DI RIFERIMENTO

1. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
2. Circolare 21/01/19, n. 7 C.S.LL.PP "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
3. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
4. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
6. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
7. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
8. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
9. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
10. Circolare 4 Gennaio 1989 n. 30787 "Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
11. D.M. LL.PP. 11 Marzo 1988 "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".
12. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
13. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
14. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica" e successive modificazioni e integrazioni.
15. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
16. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
17. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
18. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
19. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
20. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
21. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
22. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
23. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
24. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
25. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
26. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
27. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali – Regole comuni e regole per gli edifici.
28. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
29. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
30. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi di calcolo semplificato per strutture di muratura non armata.
31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

NOTA sul capitolo "normativa di riferimento": riporta l' elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO". Laddove nei capitoli successivi vengano richiamate norme antecedenti al DM 17.01.08 è dovuto o a progettazione simulata di edifico esistente.

TABULATO DI CALCOLO RELATIVO AL SERBATOIO DI ACCUMULO.

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

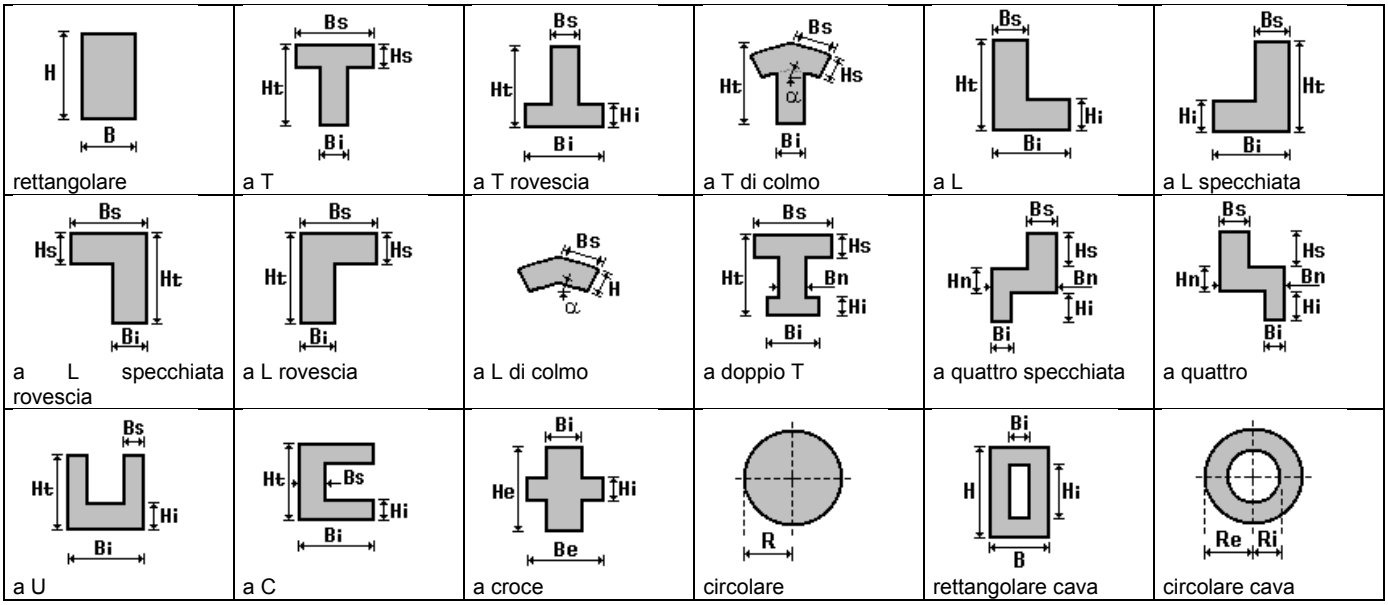
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

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

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

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

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



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

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

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

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

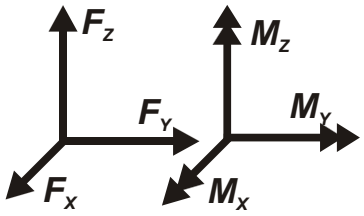
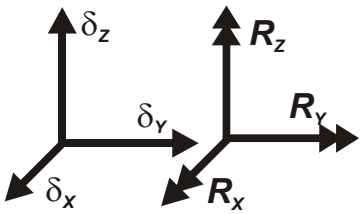
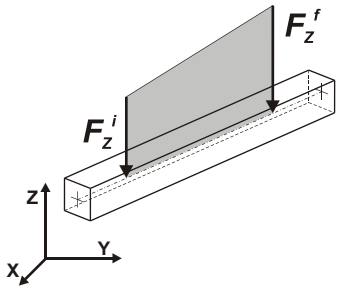
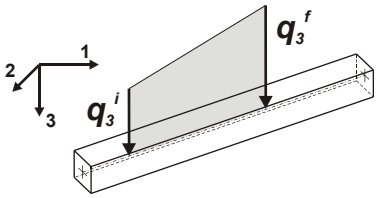
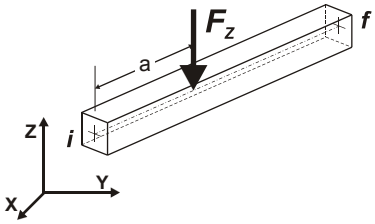
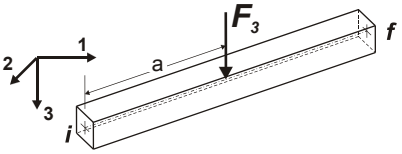
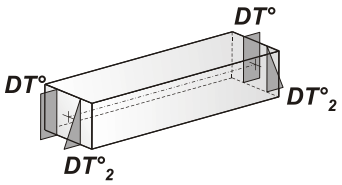
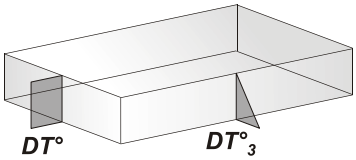
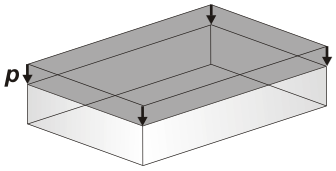
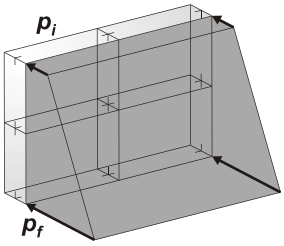
Id	**Tipo**	**Area**	**A V2**	**A V3**	**Jt**	**J 2-2**	**J 3-3**	**W 2-2**	**W 3-3**	**Wp 2-2**	**Wp 3-3**
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	trv.30X30	900.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00
3	trv. 25x30	750.00	625.00	625.00	7.787e+04	3.906e+04	5.625e+04	3125.00	3750.00	4687.50	5625.00
4	trv.30x50	1500.00	1250.00	1250.00	2.799e+05	1.125e+05	3.125e+05	7500.00	1.250e+04	1.125e+04	1.875e+04
5	trv.30x100	3000.00	2500.00	2500.00	7.299e+05	2.250e+05	2.500e+06	1.500e+04	5.000e+04	2.250e+04	7.500e+04
6	pl. 30x30	900.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

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

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

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

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
7	QVK PAN ++ vento*0.4	0.01
8	QVK PAN -- vento*0.4	0.01

Tipo	carico di pressione variabile su piastra

Id	Tipo	pressione	quota	pressione	quota
		daN/cm2	cm	daN/cm2	cm
4	spinta terreno a riposo	0.52	505.00	1.85	0.0
5	spinta terreno a riposo -	-0.52	505.00	-1.85	0.0

Tipo	**carico variabile generale**

Id	**Tipo**	**ascissa**	**valore**	**ascissa**	**valore**
		cm	daN/cm2	cm	daN/cm2
1	massa sismica acqua su fondazione				
	Unif. Qz Area L2=0.0		-0.40		
3	massa sismica soletta locale tecnico 300 daN/mq				
	Unif. Qz Area L2=0.0		-0.03		
9	massa sismica acqua su parete X-				
	Z - Z Qy Area L2=0.0	0.0	-0.40	505.00	0.0
10	massa sismica acqua su parete X				
	Z - Z Qy Area L2=0.0	0.0	0.40	505.00	0.0
11	massa sismica acqua su parete Y-				
	Z - Z Qx Area L2=0.0	0.0	-0.40	400.00	0.0
12	massa sismica acqua su parete Y				
	Z - Z Qx Area L2=0.0	0.0	0.40	400.00	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

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

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

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

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

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

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

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

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gsk	CDC=G1sk (permanente solai-coperture)	
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)	
4	Qsk	CDC=Qsk (variabile solai)	
5	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)
			partecipazione:1.00 per 4 CDC=Qsk (variabile solai)
			partecipazione:1.00 per 13 CDC=G1k (permanente generico) .....
			partecipazione:0.80 per 18 CDC=Qk (variabile generico) .....
			partecipazione:1.00 per 19 CDC=G1k (permanente generico) Terra
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
7	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
9	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
11	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
13	Gk	CDC=G1k (permanente generico)	D3 : 1 Azione : massa sismica acqua su parete X
			D3 : 2 Azione : massa sismica acqua su parete Y
			D3 :da 3 a 4 Azione : massa sismica acqua su parete X-
			D3 :da 5 a 8 Azione : massa sismica acqua su fondazione
			D3 :da 12 a 14 Azione : massa sismica acqua su parete Y
			D3 :da 16 a 25 Azione : massa sismica acqua su parete Y
			D3 :da 26 a 27 Azione : massa sismica acqua su parete X-
			D3 : 31 Azione : massa sismica acqua su parete X-
			D3 :da 36 a 38 Azione : massa sismica acqua su parete Y
			D3 : 39 Azione : massa sismica acqua su parete X-

CDC	Tipo	Sigla Id	Note
			D3 : 41 Azione : massa sismica acqua su parete X-
			D3 :da 46 a 49 Azione : massa sismica acqua su parete Y-
			D3 : 55 Azione : massa sismica acqua su parete X-
			D3 :da 57 a 63 Azione : massa sismica acqua su parete X
			D3 :da 66 a 68 Azione : massa sismica acqua su parete X
			D3 : 69 Azione : massa sismica acqua su parete Y
			D3 :da 70 a 73 Azione : massa sismica acqua su parete X
			D3 : 74 Azione : massa sismica acqua su parete X-
			D3 :da 75 a 78 Azione : massa sismica acqua su parete X
			D3 : 79 Azione : massa sismica acqua su parete X-
			D3 : 80 Azione : massa sismica acqua su parete X
			D3 :da 83 a 84 Azione : massa sismica acqua su parete X-
			D3 : 91 Azione : massa sismica acqua su parete X-
			D3 : 98 Azione : massa sismica acqua su parete Y
			D3 :da 104 a 105 Azione : massa sismica acqua su fondazione
			D3 : 106 Azione : massa sismica acqua su parete X-
			D3 : 114 Azione : massa sismica acqua su parete X-
			D3 : 116 Azione : massa sismica acqua su parete X-
			D3 : 119 Azione : massa sismica acqua su parete Y
			D3 :da 120 a 122 Azione : massa sismica acqua su parete X-
			D3 : 123 Azione : massa sismica acqua su fondazione
			D3 : 125 Azione : massa sismica acqua su fondazione
			D3 : 130 Azione : massa sismica acqua su parete Y
			D3 : 131 Azione : massa sismica acqua su parete X
			D3 :da 136 a 138 Azione : massa sismica acqua su parete X
			D3 : 139 Azione : massa sismica acqua su parete Y
			D3 :da 149 a 150 Azione : massa sismica acqua su fondazione
			D3 : 164 Azione : massa sismica acqua su parete X-
			D3 : 188 Azione : massa sismica acqua su parete X-
			D3 : 196 Azione : massa sismica acqua su parete X-
			D3 : 203 Azione : massa sismica acqua su fondazione
			D3 :da 204 a 208 Azione : massa sismica acqua su parete X-
			D3 :da 233 a 235 Azione : massa sismica acqua su parete X-
			D3 : 236 Azione : massa sismica acqua su fondazione
			D3 :da 245 a 246 Azione : massa sismica acqua su parete X
			D3 : 257 Azione : massa sismica acqua su parete X
			D3 :da 259 a 264 Azione : massa sismica acqua su parete Y-
			D3 :da 271 a 273 Azione : massa sismica acqua su parete X-
			D3 : 274 Azione : massa sismica acqua su parete Y
			D3 :da 275 a 276 Azione : massa sismica acqua su parete X
			D3 :da 277 a 283 Azione : massa sismica acqua su parete Y-
			D3 :da 285 a 291 Azione : massa sismica acqua su parete Y-
			D3 :da 292 a 307 Azione : massa sismica acqua su parete X
			D3 :da 312 a 313 Azione : massa sismica acqua su parete Y-
			D3 :da 314 a 315 Azione : massa sismica acqua su parete X
			D3 :da 322 a 323 Azione : massa sismica acqua su parete X-
			D3 : 334 Azione : massa sismica acqua su parete X
			D3 :da 335 a 337 Azione : massa sismica acqua su parete X-
			D3 :da 346 a 349 Azione : massa sismica acqua su fondazione
			D3 :da 350 a 353 Azione : massa sismica acqua su parete X
			D3 : 354 Azione : massa sismica acqua su parete Y-
			D3 :da 355 a 357 Azione : massa sismica acqua su parete X-
			D3 : 358 Azione : massa sismica acqua su parete Y
			D3 :da 361 a 370 Azione : massa sismica acqua su parete X-
			D3 :da 450 a 504 Azione : massa sismica acqua su fondazione
			D3 :da 509 a 512 Azione : massa sismica acqua su fondazione
			D3 :da 533 a 546 Azione : massa sismica acqua su fondazione
			D3 :da 551 a 558 Azione : massa sismica acqua su parete X
			D3 :da 559 a 580 Azione : massa sismica acqua su fondazione
14	Qvk	CDC=Qvk (carico da vento) dir X +	D3 : 11 Azione : QVK PAN ++ vento*0.4
			D3 : 11 Azione : QVK PAN ++ vento*0.4
			D3 : 15 Azione : QVK PAN ++ vento*0.4
			D3 :da 28 a 30 Azione : QVK PAN ++ vento*0.4
			D3 :da 28 a 30 Azione : QVK PAN ++ vento*0.4
			D3 : 35 Azione : QVK PAN ++ vento*0.4
			D3 : 40 Azione : QVK PAN ++ vento*0.4
			D3 : 42 Azione : QVK PAN ++ vento*0.4
			D3 : 56 Azione : QVK PAN ++ vento*0.4
			D3 :da 117 a 118 Azione : QVK PAN ++ vento*0.4
			D3 : 124 Azione : QVK PAN ++ vento*0.4
			D3 : 195 Azione : QVK PAN ++ vento*0.4
			D3 : 199 Azione : QVK PAN ++ vento*0.4
			D3 :da 308 a 309 Azione : QVK PAN ++ vento*0.4

CDC	Tipo	Sigla Id	Note
			D3 :da 308 a 309 Azione : QVK PAN ++ vento*0.4
			D3 : 321 Azione : QVK PAN ++ vento*0.4
			D3 :da 359 a 360 Azione : QVK PAN ++ vento*0.4
			D3 :da 359 a 360 Azione : QVK PAN ++ vento*0.4
			D3 : 373 Azione : QVK PAN ++ vento*0.4
			D3 : 373 Azione : QVK PAN ++ vento*0.4
			D3 :da 375 a 377 Azione : QVK PAN ++ vento*0.4
			D3 :da 375 a 377 Azione : QVK PAN ++ vento*0.4
			D3 : 382 Azione : QVK PAN ++ vento*0.4
			D3 : 382 Azione : QVK PAN ++ vento*0.4
			D3 : 390 Azione : QVK PAN ++ vento*0.4
			D3 : 390 Azione : QVK PAN ++ vento*0.4
			D3 : 397 Azione : QVK PAN ++ vento*0.4
			D3 : 397 Azione : QVK PAN ++ vento*0.4
			D3 : 404 Azione : QVK PAN ++ vento*0.4
			D3 : 404 Azione : QVK PAN ++ vento*0.4
			D3 : 415 Azione : QVK PAN ++ vento*0.4
			D3 : 415 Azione : QVK PAN ++ vento*0.4
			D3 :da 417 a 420 Azione : QVK PAN ++ vento*0.4
			Pannello: 11 Azione : QVK PAN ++ vento*0.4
			Pannello: 11 Azione : QVK PAN ++ vento*0.4
			Pannello:da 14 a 15 Azione : QVK PAN ++ vento*0.4
15	Qvk	CDC=Qvk (carico da vento) dir X -	D3 : 11 Azione : QVK PAN -- vento*0.4
			D3 : 15 Azione : QVK PAN -- vento*0.4
			D3 : 15 Azione : QVK PAN -- vento*0.4
			D3 :da 28 a 30 Azione : QVK PAN -- vento*0.4
			D3 : 35 Azione : QVK PAN -- vento*0.4
			D3 : 35 Azione : QVK PAN -- vento*0.4
			D3 : 40 Azione : QVK PAN -- vento*0.4
			D3 : 40 Azione : QVK PAN -- vento*0.4
			D3 : 42 Azione : QVK PAN -- vento*0.4
			D3 : 42 Azione : QVK PAN -- vento*0.4
			D3 : 56 Azione : QVK PAN -- vento*0.4
			D3 : 56 Azione : QVK PAN -- vento*0.4
			D3 :da 117 a 118 Azione : QVK PAN -- vento*0.4
			D3 :da 117 a 118 Azione : QVK PAN -- vento*0.4
			D3 : 124 Azione : QVK PAN -- vento*0.4
			D3 : 124 Azione : QVK PAN -- vento*0.4
			D3 : 195 Azione : QVK PAN -- vento*0.4
			D3 : 195 Azione : QVK PAN -- vento*0.4
			D3 : 199 Azione : QVK PAN -- vento*0.4
			D3 : 199 Azione : QVK PAN -- vento*0.4
			D3 :da 308 a 309 Azione : QVK PAN -- vento*0.4
			D3 : 321 Azione : QVK PAN -- vento*0.4
			D3 : 321 Azione : QVK PAN -- vento*0.4
			D3 :da 359 a 360 Azione : QVK PAN -- vento*0.4
			D3 : 373 Azione : QVK PAN -- vento*0.4
			D3 :da 375 a 377 Azione : QVK PAN -- vento*0.4
			D3 : 382 Azione : QVK PAN -- vento*0.4
			D3 : 390 Azione : QVK PAN -- vento*0.4
			D3 : 397 Azione : QVK PAN -- vento*0.4
			D3 : 404 Azione : QVK PAN -- vento*0.4
			D3 : 415 Azione : QVK PAN -- vento*0.4
			D3 :da 417 a 420 Azione : QVK PAN -- vento*0.4
			D3 :da 417 a 420 Azione : QVK PAN -- vento*0.4
			Pannello: 11 Azione : QVK PAN -- vento*0.4
			Pannello:da 14 a 15 Azione : QVK PAN -- vento*0.4
			Pannello:da 14 a 15 Azione : QVK PAN -- vento*0.4
16	Qvk	CDC=Qvk (carico da vento) dir Y +	D3 :da 9 a 10 Azione : QVK PAN ++ vento*0.4
			D3 :da 92 a 97 Azione : QVK PAN ++ vento*0.4
			D3 :da 100 a 103 Azione : QVK PAN ++ vento*0.4
			D3 :da 151 a 156 Azione : QVK PAN ++ vento*0.4
			D3 :da 151 a 156 Azione : QVK PAN ++ vento*0.4
			D3 : 164 Azione : QVK PAN ++ vento*0.4
			D3 : 188 Azione : QVK PAN ++ vento*0.4
			D3 : 194 Azione : QVK PAN ++ vento*0.4
			D3 :da 196 a 198 Azione : QVK PAN ++ vento*0.4
			D3 : 200 Azione : QVK PAN ++ vento*0.4
			D3 : 200 Azione : QVK PAN ++ vento*0.4
			D3 :da 209 a 211 Azione : QVK PAN ++ vento*0.4
			D3 : 258 Azione : QVK PAN ++ vento*0.4
			D3 : 311 Azione : QVK PAN ++ vento*0.4
			D3 :da 324 a 327 Azione : QVK PAN ++ vento*0.4

CDC	Tipo	Sigla Id	Note
			D3 : 393 Azione : QVK PAN ++ vento*0.4
			D3 : 393 Azione : QVK PAN ++ vento*0.4
			D3 :da 400 a 401 Azione : QVK PAN ++ vento*0.4
			D3 :da 400 a 401 Azione : QVK PAN ++ vento*0.4
			D3 : 403 Azione : QVK PAN ++ vento*0.4
			D3 : 403 Azione : QVK PAN ++ vento*0.4
			D3 :da 405 a 407 Azione : QVK PAN ++ vento*0.4
			D3 :da 405 a 407 Azione : QVK PAN ++ vento*0.4
			D3 : 416 Azione : QVK PAN ++ vento*0.4
			D3 : 416 Azione : QVK PAN ++ vento*0.4
			D3 :da 435 a 442 Azione : QVK PAN ++ vento*0.4
			D3 :da 435 a 442 Azione : QVK PAN ++ vento*0.4
			D3 :da 444 a 445 Azione : QVK PAN ++ vento*0.4
			Pannello:da 12 a 13 Azione : QVK PAN ++ vento*0.4
			Pannello: 16 Azione : QVK PAN ++ vento*0.4
17	Qvk	CDC=Qvk (carico da vento) dir Y -	D3 :da 9 a 10 Azione : QVK PAN -- vento*0.4
			D3 :da 9 a 10 Azione : QVK PAN -- vento*0.4
			D3 :da 92 a 97 Azione : QVK PAN -- vento*0.4
			D3 :da 92 a 97 Azione : QVK PAN -- vento*0.4
			D3 :da 100 a 103 Azione : QVK PAN -- vento*0.4
			D3 :da 100 a 103 Azione : QVK PAN -- vento*0.4
			D3 :da 151 a 156 Azione : QVK PAN -- vento*0.4
			D3 : 164 Azione : QVK PAN -- vento*0.4
			D3 : 164 Azione : QVK PAN -- vento*0.4
			D3 : 188 Azione : QVK PAN -- vento*0.4
			D3 : 188 Azione : QVK PAN -- vento*0.4
			D3 : 194 Azione : QVK PAN -- vento*0.4
			D3 : 194 Azione : QVK PAN -- vento*0.4
			D3 :da 196 a 198 Azione : QVK PAN -- vento*0.4
			D3 :da 196 a 198 Azione : QVK PAN -- vento*0.4
			D3 : 200 Azione : QVK PAN -- vento*0.4
			D3 :da 209 a 211 Azione : QVK PAN -- vento*0.4
			D3 :da 209 a 211 Azione : QVK PAN -- vento*0.4
			D3 : 258 Azione : QVK PAN -- vento*0.4
			D3 : 258 Azione : QVK PAN -- vento*0.4
			D3 : 311 Azione : QVK PAN -- vento*0.4
			D3 : 311 Azione : QVK PAN -- vento*0.4
			D3 :da 324 a 327 Azione : QVK PAN -- vento*0.4
			D3 :da 324 a 327 Azione : QVK PAN -- vento*0.4
			D3 : 393 Azione : QVK PAN -- vento*0.4
			D3 :da 400 a 401 Azione : QVK PAN -- vento*0.4
			D3 : 403 Azione : QVK PAN -- vento*0.4
			D3 :da 405 a 407 Azione : QVK PAN -- vento*0.4
			D3 : 416 Azione : QVK PAN -- vento*0.4
			D3 :da 435 a 442 Azione : QVK PAN -- vento*0.4
			D3 :da 444 a 445 Azione : QVK PAN -- vento*0.4
			D3 :da 444 a 445 Azione : QVK PAN -- vento*0.4
			Pannello:da 12 a 13 Azione : QVK PAN -- vento*0.4
			Pannello:da 12 a 13 Azione : QVK PAN -- vento*0.4
			Pannello: 16 Azione : QVK PAN -- vento*0.4
			Pannello: 16 Azione : QVK PAN -- vento*0.4
18	Qk	CDC=Qk (variabile generico)	D3 :da 140 a 146 Azione : massa sismica soletta locale tecnico 300 daN/mq
			D3 :da 157 a 163 Azione : massa sismica soletta locale tecnico 300 daN/mq
			D3 :da 421 a 434 Azione : massa sismica soletta locale tecnico 300 daN/mq
19	Gk	CDC=G1k (permanente generico) Terra	D3 :da 32 a 33 Azione : spinta terreno a riposo
			D3 : 34 Azione : spinta terreno a riposo -
			D3 :da 50 a 54 Azione : spinta terreno a riposo -
			D3 :da 64 a 65 Azione : spinta terreno a riposo
			D3 :da 81 a 82 Azione : spinta terreno a riposo -
			D3 :da 85 a 87 Azione : spinta terreno a riposo -
			D3 :da 89 a 90 Azione : spinta terreno a riposo -
			D3 :da 126 a 129 Azione : spinta terreno a riposo
			D3 :da 132 a 135 Azione : spinta terreno a riposo -
			D3 :da 147 a 148 Azione : spinta terreno a riposo -
			D3 :da 165 a 184 Azione : spinta terreno a riposo
			D3 :da 189 a 192 Azione : spinta terreno a riposo -
			D3 :da 213 a 232 Azione : spinta terreno a riposo -
			D3 :da 237 a 240 Azione : spinta terreno a riposo
			D3 :da 241 a 244 Azione : spinta terreno a riposo -
			D3 :da 247 a 248 Azione : spinta terreno a riposo
			D3 :da 249 a 252 Azione : spinta terreno a riposo -
			D3 :da 253 a 256 Azione : spinta terreno a riposo
			D3 :da 265 a 270 Azione : spinta terreno a riposo

CDC	Tipo	Sigla Id	Note
			D3 : 310 Azione : spinta terreno a riposo -
			D3 :da 316 a 317 Azione : spinta terreno a riposo
			D3 :da 318 a 320 Azione : spinta terreno a riposo -
			D3 :da 332 a 333 Azione : spinta terreno a riposo
			D3 :da 338 a 345 Azione : spinta terreno a riposo
			D3 :da 371 a 372 Azione : spinta terreno a riposo
			D3 : 374 Azione : spinta terreno a riposo
			D3 :da 378 a 380 Azione : spinta terreno a riposo
			D3 :da 383 a 388 Azione : spinta terreno a riposo
			D3 :da 391 a 392 Azione : spinta terreno a riposo
			D3 :da 394 a 396 Azione : spinta terreno a riposo
			D3 :da 398 a 399 Azione : spinta terreno a riposo
			D3 : 402 Azione : spinta terreno a riposo
			D3 :da 408 a 414 Azione : spinta terreno a riposo
			D3 :da 446 a 449 Azione : spinta terreno a riposo
			D3 :da 505 a 508 Azione : spinta terreno a riposo -
			D3 :da 513 a 532 Azione : spinta terreno a riposo -
			D3 :da 547 a 550 Azione : spinta terreno a riposo -

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

***Combinazione fondamentale** SLU*

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

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

$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

***Combinazione frequente** SLE*

$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione quasi permanente** SLE*

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

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

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

NTC 2018 Tabella 2.6.I

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

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	

Cmb	Tipo	Sigla Id	effetto P-delta
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 15	
16	SLU	Comb. SLU A1 16	
17	SLU	Comb. SLU A1 17	
18	SLU	Comb. SLU A1 18	
19	SLU	Comb. SLU A1 19	
20	SLU	Comb. SLU A1 20	
21	SLU	Comb. SLU A1 21	
22	SLU	Comb. SLU A1 22	
23	SLU	Comb. SLU A1 23	
24	SLU	Comb. SLU A1 24	
25	SLU	Comb. SLU A1 25	
26	SLU	Comb. SLU A1 26	
27	SLU	Comb. SLU A1 27	
28	SLU	Comb. SLU A1 28	
29	SLU	Comb. SLU A1 29	
30	SLU	Comb. SLU A1 30	
31	SLU	Comb. SLU A1 31	
32	SLU	Comb. SLU A1 32	
33	SLU	Comb. SLU A1 33	
34	SLU	Comb. SLU A1 34	
35	SLU	Comb. SLU A1 35	
36	SLU	Comb. SLU A1 36	
37	SLU	Comb. SLU A1 37	
38	SLU	Comb. SLU A1 38	
39	SLU	Comb. SLU A1 39	
40	SLU	Comb. SLU A1 40	
41	SLU	Comb. SLU A1 41	
42	SLU	Comb. SLU A1 42	
43	SLU	Comb. SLU A1 43	
44	SLU	Comb. SLU A1 44	
45	SLU	Comb. SLU A1 45	
46	SLU	Comb. SLU A1 46	
47	SLU	Comb. SLU A1 47	
48	SLU	Comb. SLU A1 48	
49	SLU	Comb. SLU A1 49	
50	SLU	Comb. SLU A1 50	
51	SLU	Comb. SLU A1 51	
52	SLU	Comb. SLU A1 52	
53	SLU	Comb. SLU A1 53	
54	SLU	Comb. SLU A1 54	
55	SLU	Comb. SLU A1 55	
56	SLU	Comb. SLU A1 56	
57	SLU	Comb. SLU A1 57	
58	SLU	Comb. SLU A1 58	
59	SLU	Comb. SLU A1 59	
60	SLU	Comb. SLU A1 60	
61	SLU	Comb. SLU A1 61	
62	SLU	Comb. SLU A1 62	
63	SLU	Comb. SLU A1 63	
64	SLU	Comb. SLU A1 64	
65	SLU	Comb. SLU A1 65	
66	SLU	Comb. SLU A1 66	
67	SLU	Comb. SLU A1 67	
68	SLU	Comb. SLU A1 68	
69	SLU	Comb. SLU A1 69	
70	SLU	Comb. SLU A1 70	
71	SLU	Comb. SLU A1 71	
72	SLU	Comb. SLU A1 72	
73	SLU	Comb. SLU A1 73	
74	SLU	Comb. SLU A1 74	
75	SLU	Comb. SLU A1 75	
76	SLU	Comb. SLU A1 76	
77	SLU	Comb. SLU A1 77	
78	SLU	Comb. SLU A1 78	
79	SLU	Comb. SLU A1 79	

Cmb	Tipo	Sigla Id	effetto P-delta
80	SLU	Comb. SLU A1 80	
81	SLU	Comb. SLU A1 81	
82	SLU	Comb. SLU A1 82	
83	SLU	Comb. SLU A1 83	
84	SLU	Comb. SLU A1 84	
85	SLU	Comb. SLU A1 85	
86	SLU	Comb. SLU A1 86	
87	SLU	Comb. SLU A1 87	
88	SLU	Comb. SLU A1 88	
89	SLU	Comb. SLU A1 89	
90	SLU	Comb. SLU A1 90	
91	SLU	Comb. SLU A1 91	
92	SLU	Comb. SLU A1 92	
93	SLU	Comb. SLU A1 (SLV sism.) 93	
94	SLU	Comb. SLU A1 (SLV sism.) 94	
95	SLU	Comb. SLU A1 (SLV sism.) 95	
96	SLU	Comb. SLU A1 (SLV sism.) 96	
97	SLU	Comb. SLU A1 (SLV sism.) 97	
98	SLU	Comb. SLU A1 (SLV sism.) 98	
99	SLU	Comb. SLU A1 (SLV sism.) 99	
100	SLU	Comb. SLU A1 (SLV sism.) 100	
101	SLU	Comb. SLU A1 (SLV sism.) 101	
102	SLU	Comb. SLU A1 (SLV sism.) 102	
103	SLU	Comb. SLU A1 (SLV sism.) 103	
104	SLU	Comb. SLU A1 (SLV sism.) 104	
105	SLU	Comb. SLU A1 (SLV sism.) 105	
106	SLU	Comb. SLU A1 (SLV sism.) 106	
107	SLU	Comb. SLU A1 (SLV sism.) 107	
108	SLU	Comb. SLU A1 (SLV sism.) 108	
109	SLU	Comb. SLU A1 (SLV sism.) 109	
110	SLU	Comb. SLU A1 (SLV sism.) 110	
111	SLU	Comb. SLU A1 (SLV sism.) 111	
112	SLU	Comb. SLU A1 (SLV sism.) 112	
113	SLU	Comb. SLU A1 (SLV sism.) 113	
114	SLU	Comb. SLU A1 (SLV sism.) 114	
115	SLU	Comb. SLU A1 (SLV sism.) 115	
116	SLU	Comb. SLU A1 (SLV sism.) 116	
117	SLU	Comb. SLU A1 (SLV sism.) 117	
118	SLU	Comb. SLU A1 (SLV sism.) 118	
119	SLU	Comb. SLU A1 (SLV sism.) 119	
120	SLU	Comb. SLU A1 (SLV sism.) 120	
121	SLU	Comb. SLU A1 (SLV sism.) 121	
122	SLU	Comb. SLU A1 (SLV sism.) 122	
123	SLU	Comb. SLU A1 (SLV sism.) 123	
124	SLU	Comb. SLU A1 (SLV sism.) 124	
125	SLD(sis)	Comb. SLE (SLD Danno sism.) 125	
126	SLD(sis)	Comb. SLE (SLD Danno sism.) 126	
127	SLD(sis)	Comb. SLE (SLD Danno sism.) 127	
128	SLD(sis)	Comb. SLE (SLD Danno sism.) 128	
129	SLD(sis)	Comb. SLE (SLD Danno sism.) 129	
130	SLD(sis)	Comb. SLE (SLD Danno sism.) 130	
131	SLD(sis)	Comb. SLE (SLD Danno sism.) 131	
132	SLD(sis)	Comb. SLE (SLD Danno sism.) 132	
133	SLD(sis)	Comb. SLE (SLD Danno sism.) 133	
134	SLD(sis)	Comb. SLE (SLD Danno sism.) 134	
135	SLD(sis)	Comb. SLE (SLD Danno sism.) 135	
136	SLD(sis)	Comb. SLE (SLD Danno sism.) 136	
137	SLD(sis)	Comb. SLE (SLD Danno sism.) 137	
138	SLD(sis)	Comb. SLE (SLD Danno sism.) 138	
139	SLD(sis)	Comb. SLE (SLD Danno sism.) 139	
140	SLD(sis)	Comb. SLE (SLD Danno sism.) 140	
141	SLD(sis)	Comb. SLE (SLD Danno sism.) 141	
142	SLD(sis)	Comb. SLE (SLD Danno sism.) 142	
143	SLD(sis)	Comb. SLE (SLD Danno sism.) 143	
144	SLD(sis)	Comb. SLE (SLD Danno sism.) 144	
145	SLD(sis)	Comb. SLE (SLD Danno sism.) 145	
146	SLD(sis)	Comb. SLE (SLD Danno sism.) 146	
147	SLD(sis)	Comb. SLE (SLD Danno sism.) 147	
148	SLD(sis)	Comb. SLE (SLD Danno sism.) 148	
149	SLD(sis)	Comb. SLE (SLD Danno sism.) 149	
150	SLD(sis)	Comb. SLE (SLD Danno sism.) 150	
151	SLD(sis)	Comb. SLE (SLD Danno sism.) 151	
152	SLD(sis)	Comb. SLE (SLD Danno sism.) 152	

Cmb	Tipo	Sigla Id	effetto P-delta
153	SLD(sis)	Comb. SLE (SLD Danno sism.) 153	
154	SLD(sis)	Comb. SLE (SLD Danno sism.) 154	
155	SLD(sis)	Comb. SLE (SLD Danno sism.) 155	
156	SLD(sis)	Comb. SLE (SLD Danno sism.) 156	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.0	0.0	1.30									
2	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50	1.30									
3	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.0	0.0	1.30									
4	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.0	1.50	1.30									
5	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.0	1.00									
6	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	1.50	1.00									
7	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.0	1.00									
8	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	1.50	1.00									
9	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.0	0.0	1.30									
10	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.0	1.50	1.30									
11	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.0	1.00									
12	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	1.50	1.00									
13	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.90
	0.0	0.0	0.0	0.0	1.30									
14	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.90
	0.0	0.0	0.0	1.50	1.30									
15	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.90
	0.0	0.0	0.0	0.0	1.30									
16	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.90
	0.0	0.0	0.0	1.50	1.30									
17	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.90
	0.0	0.0	0.0	0.0	1.00									
18	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.90
	0.0	0.0	0.0	1.50	1.00									
19	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.90
	0.0	0.0	0.0	0.0	1.00									
20	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.90
	0.0	0.0	0.0	1.50	1.00									
21	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	1.50
	0.0	0.0	0.0	0.0	1.30									
22	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	1.50
	0.0	0.0	0.0	1.50	1.30									
23	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	1.50
	0.0	0.0	0.0	0.0	1.30									
24	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	1.50
	0.0	0.0	0.0	1.50	1.30									
25	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.50
	0.0	0.0	0.0	0.0	1.00									
26	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.50
	0.0	0.0	0.0	1.50	1.00									
27	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.50
	0.0	0.0	0.0	0.0	1.00									
28	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.50
	0.0	0.0	0.0	1.50	1.00									
29	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.90
	0.0	0.0	0.0	0.0	1.30									
30	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.90
	0.0	0.0	0.0	1.50	1.30									
31	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.90
	0.0	0.0	0.0	0.0	1.00									
32	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.90

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	1.50	1.00									
33	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.90	0.0	0.0	0.0	1.30									
34	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.90	0.0	0.0	1.50	1.30									
35	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.90	0.0	0.0	0.0	1.30									
36	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.90	0.0	0.0	1.50	1.30									
37	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.90	0.0	0.0	0.0	1.00									
38	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.90	0.0	0.0	1.50	1.00									
39	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.90	0.0	0.0	0.0	1.00									
40	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.90	0.0	0.0	1.50	1.00									
41	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.90	0.0	0.0	0.0	1.30									
42	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.90	0.0	0.0	1.50	1.30									
43	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.90	0.0	0.0	0.0	1.00									
44	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.90	0.0	0.0	1.50	1.00									
45	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	1.50	0.0	0.0	0.0	1.30									
46	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	1.50	0.0	0.0	1.50	1.30									
47	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	1.50	0.0	0.0	0.0	1.30									
48	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	1.50	0.0	0.0	1.50	1.30									
49	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.50	0.0	0.0	0.0	1.00									
50	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.50	0.0	0.0	1.50	1.00									
51	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.50	0.0	0.0	0.0	1.00									
52	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	1.50	0.0	0.0	1.50	1.00									
53	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.90	0.0	0.0	1.30									
54	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.90	0.0	1.50	1.30									
55	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.90	0.0	0.0	1.30									
56	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.90	0.0	1.50	1.30									
57	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.90	0.0	0.0	1.00									
58	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.90	0.0	1.50	1.00									
59	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.90	0.0	0.0	1.00									
60	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.90	0.0	1.50	1.00									
61	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.90	0.0	0.0	1.30									
62	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.90	0.0	1.50	1.30									
63	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.90	0.0	0.0	1.00									
64	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.90	0.0	1.50	1.00									
65	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	1.50	0.0	0.0	1.30									
66	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	1.50	0.0	1.50	1.30									
67	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	1.50	0.0	0.0	1.30									
68	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	1.50	0.0	1.50	1.30									
69	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	1.50	0.0	0.0	1.00									
70	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	1.50	0.0	1.50	1.00									
71	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	1.50	0.0	0.0	1.00									
72	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	1.50	0.0	1.50	1.00									
73	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.90	0.0	1.30									
74	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.90	1.50	1.30									
75	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.90	0.0	1.30									
76	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.90	1.50	1.30									
77	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.90	0.0	1.00									
78	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.90	1.50	1.00									
79	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.90	0.0	1.00									
80	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.90	1.50	1.00									
81	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.90	0.0	1.30									
82	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	0.90	1.50	1.30									
83	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.90	0.0	1.00									
84	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.90	1.50	1.00									
85	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	1.50	0.0	1.30									
86	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	1.50	1.50	1.30									
87	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	1.50	0.0	1.30									
88	1.30	1.30	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0
	0.0	0.0	1.50	1.50	1.30									
89	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	1.50	0.0	1.00									
90	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	1.50	1.50	1.00									
91	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	1.50	0.0	1.00									
92	1.00	1.00	0.80	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	1.50	1.50	1.00									
93	1.00	1.00	1.00	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
94	1.00	1.00	1.00	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
95	1.00	1.00	1.00	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
96	1.00	1.00	1.00	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
97	1.00	1.00	1.00	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
98	1.00	1.00	1.00	0.0	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
99	1.00	1.00	1.00	0.0	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
100	1.00	1.00	1.00	0.0	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
101	1.00	1.00	1.00	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
102	1.00	1.00	1.00	0.0	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
103	1.00	1.00	1.00	0.0	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
104	1.00	1.00	1.00	0.0	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.80	1.00									
105	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
106	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
107	1.00	1.00	1.00	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
108	1.00	1.00	1.00	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
109	1.00	1.00	1.00	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
110	1.00	1.00	1.00	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
111	1.00	1.00	1.00	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
112	1.00	1.00	1.00	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
113	1.00	1.00	1.00	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
114	1.00	1.00	1.00	0.0	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
115	1.00	1.00	1.00	0.0	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
116	1.00	1.00	1.00	0.0	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
117	1.00	1.00	1.00	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
118	1.00	1.00	1.00	0.0	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
119	1.00	1.00	1.00	0.0	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
120	1.00	1.00	1.00	0.0	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
121	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
122	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
123	1.00	1.00	1.00	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
124	1.00	1.00	1.00	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
125	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
126	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
127	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
128	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
129	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
130	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
131	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
132	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
133	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
134	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
135	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
136	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
137	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
138	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
139	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
140	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	1.00	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.80	1.00									
141	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
142	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
143	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
144	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
145	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
146	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
147	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
148	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
149	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
150	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
151	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
152	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
153	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
154	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
155	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									
156	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	1.00	0.0
	0.0	0.0	0.0	0.80	1.00									

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

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

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

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
II	50.0	1.0	50.0	A	T1

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

Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	15.959	41.706	
29451	15.900	41.660	7.060
29452	15.967	41.658	5.361
29230	15.969	41.708	0.857
29229	15.902	41.710	4.737

SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	81.0	30.0	0.055	2.470	0.270
SLD	63.0	50.0	0.074	2.490	0.280
SLV	10.0	475.0	0.206	2.440	0.320
SLC	5.0	975.0	0.272	2.420	0.340

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.055	1.000	2.470	0.784	0.090	0.270	1.821
SLD	0.074	1.000	2.490	0.912	0.093	0.280	1.894
SLV	0.206	1.000	2.440	1.495	0.107	0.320	2.424
SLC	0.272	1.000	2.420	1.704	0.113	0.340	2.689

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

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

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

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

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

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

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

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

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

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

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

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

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

Affinché la verifica sia positiva deve essere:

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

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

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

Calcolo dei fattori di comportamento secondo il D.M. 17/01/2018

La costruzione, nuova, è caratterizzata da regolarità sia in pianta sia in altezza ed è progettata in classe di duttilità media (CD"B").

Parametri fattore in direzione x e y

Sistema costruttivo: calcestruzzo
Tipologia strutturale: strutture a telaio, a pareti accoppiate, miste
Definizione rapporto α_u/α_1: valore come da normativa
Riferimento normativo α_u/α_1: strutture a telaio di un piano
Valore rapporto α_u/α_1 = 1.100
Valore base fattore $q_0 = 3.000\ \alpha_u/\alpha_1$ = 3.300
Fattore pareti k_w = 1.000
Fattore di regolarità K_R = 1.0
Fattore dissipativo $q_D = q_0 \cdot k_w \cdot K_R$ = 3.300

Fattori di comportamento utilizzati

	Dissipativi
q SLU x	3.300
q SLU y	3.300
q SLU z	1.500

CDC	Tipo	Sigla Id	Note
5	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.152 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.151 sec.
			fattore q: 3.300
			fattore per spost. mu d: 5.870
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
986.00	2.626e+04	1602.68	625.00	0.0	0.0	1598.36	625.00	8.2076e-05	0.038	0.0
946.80	4028.34	1497.58	500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
936.00	2226.29	1920.00	775.00	0.0	0.0	1920.00	775.00	3.000	0.0	0.0
888.78	2277.96	1667.58	315.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
879.50	9605.80	1620.40	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
841.74	1408.55	1653.60	165.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
790.00	3.271e+04	1656.77	103.60	0.0	-31.25	1857.01	0.31	0.480	0.413	0.413
773.00	8482.53	1540.90	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.00	2.263e+04	1674.21	127.04	0.0	-25.00	1694.12	0.24	0.447	0.037	0.550
666.50	8231.35	1623.40	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
560.00	5.423e+04	1641.60	360.92	0.0	-31.25	1692.44	289.06	1.101	0.058	0.190
505.00	4.554e+05	934.14	704.53	0.0	-62.25	982.34	691.71	0.941	0.028	0.018
400.00	1.994e+05	1185.18	563.93	0.0	-62.25	980.11	688.35	0.968	0.118	0.176
266.67	2.232e+05	1010.40	673.82	0.0	-62.25	978.93	697.90	0.974	0.018	0.034
175.00	7.426e+04	1605.00	407.50	0.0	-9.25	1605.00	407.50	0.439	0.0	0.0
133.33	2.957e+05	988.53	680.38	0.0	-62.25	978.93	697.90	0.974	0.006	0.025
Risulta	1.420e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	5.694	0.176	0.152	1729.49	0.1	1.174e+06	82.7	112.19	7.90e-03	0.0	0.0
2	5.828	0.172	0.152	350.11	2.47e-02	4600.73	0.3	5477.67	0.4	0.0	0.0
3	6.072	0.165	0.152	2.505e+05	17.6	1.536e+05	10.8	15.13	1.07e-03	0.0	0.0
4	6.617	0.151	0.152	1.151e+06	81.0	2.124e+04	1.5	16.50	1.16e-03	0.0	0.0
5	13.580	0.074	0.169	4276.63	0.3	2.331e+04	1.6	7631.76	0.5	0.0	0.0
6	17.058	0.059	0.177	2386.36	0.2	3.804e+04	2.7	772.69	5.44e-02	0.0	0.0
7	18.703	0.053	0.179	7304.96	0.5	3798.97	0.3	1.684e+05	11.9	0.0	0.0
8	19.019	0.053	0.180	2048.93	0.1	341.07	2.40e-02	9.981e+05	70.3	0.0	0.0
9	23.969	0.042	0.185	218.07	1.54e-02	108.06	7.61e-03	2.336e+05	16.4	0.0	0.0
Risulta				1.420e+06		1.419e+06		1.414e+06			
In				99.97		99.91		99.58			

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
percentuale											

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.152 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.151 sec.
			fattore q: 3.300
			fattore per spost. mu d: 5.873
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
986.00	2.626e+04	1602.68	625.00	0.0	0.0	1598.36	625.00	8.2076e-05	0.038	0.0
946.80	4028.34	1497.58	500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
936.00	2226.29	1920.00	775.00	0.0	0.0	1920.00	775.00	3.000	0.0	0.0
888.78	2277.96	1667.58	315.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
879.50	9605.80	1620.40	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
841.74	1408.55	1653.60	165.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
790.00	3.271e+04	1656.77	103.60	0.0	31.25	1857.01	0.31	0.480	0.413	0.413
773.00	8482.53	1540.90	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.00	2.263e+04	1674.21	127.04	0.0	25.00	1694.12	0.24	0.447	0.037	0.550
666.50	8231.35	1623.40	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
560.00	5.423e+04	1641.60	360.92	0.0	31.25	1692.44	289.06	1.101	0.058	0.190
505.00	4.554e+05	934.14	704.53	0.0	62.25	982.34	691.71	0.941	0.028	0.018
400.00	1.994e+05	1185.18	563.93	0.0	62.25	980.11	688.35	0.968	0.118	0.176
266.67	2.232e+05	1010.40	673.82	0.0	62.25	978.93	697.90	0.974	0.018	0.034
175.00	7.426e+04	1605.00	407.50	0.0	9.25	1605.00	407.50	0.439	0.0	0.0
133.33	2.957e+05	988.53	680.38	0.0	62.25	978.93	697.90	0.974	0.006	0.025
Risulta	1.420e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	5.686	0.176	0.152	2.218e+04	1.6	1.139e+06	80.2	137.30	9.67e-03	0.0	0.0
2	5.828	0.172	0.152	425.06	2.99e-02	7809.85	0.5	5448.18	0.4	0.0	0.0
3	6.103	0.164	0.152	1.793e+05	12.6	2.054e+05	14.5	9.89	6.96e-04	0.0	0.0
4	6.621	0.151	0.152	1.205e+06	84.9	832.36	5.86e-02	14.57	1.03e-03	0.0	0.0
5	13.706	0.073	0.169	400.90	2.82e-02	2.840e+04	2.0	1.021e+04	0.7	0.0	0.0
6	17.597	0.057	0.177	282.10	1.99e-02	3.657e+04	2.6	1.070e+04	0.8	0.0	0.0
7	18.434	0.054	0.179	1.187e+04	0.8	544.72	3.84e-02	2292.92	0.2	0.0	0.0
8	19.053	0.052	0.180	133.46	9.40e-03	337.32	2.38e-02	1.174e+06	82.7	0.0	0.0
9	24.142	0.041	0.185	97.95	6.90e-03	405.96	2.86e-02	2.107e+05	14.8	0.0	0.0
Risulta				1.420e+06		1.419e+06		1.414e+06			
In percentuale				99.97		99.93		99.55			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.152 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.184 sec.

CDC	Tipo	Sigla Id	Note
			fattore q: 3.300
			fattore per spost. mu d: 5.004
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
986.00	2.626e+04	1602.68	625.00	61.70	0.0	1598.36	625.00	8.2076e-05	0.038	0.0
946.80	4028.34	1497.58	500.00	61.70	0.0	0.0	0.0	0.0	0.0	0.0
936.00	2226.29	1920.00	775.00	7.50	0.0	1920.00	775.00	3.000	0.0	0.0
888.78	2277.96	1667.58	315.00	54.20	0.0	0.0	0.0	0.0	0.0	0.0
879.50	9605.80	1620.40	625.00	54.20	0.0	0.0	0.0	0.0	0.0	0.0
841.74	1408.55	1653.60	165.00	54.20	0.0	0.0	0.0	0.0	0.0	0.0
790.00	3.271e+04	1656.77	103.60	54.20	0.0	1857.01	0.31	0.480	0.413	0.413
773.00	8482.53	1540.90	625.00	46.00	0.0	0.0	0.0	0.0	0.0	0.0
720.00	2.263e+04	1674.21	127.04	54.20	0.0	1694.12	0.24	0.447	0.037	0.550
666.50	8231.35	1623.40	625.00	54.20	0.0	0.0	0.0	0.0	0.0	0.0
560.00	5.423e+04	1641.60	360.92	54.20	0.0	1692.44	289.06	1.101	0.058	0.190
505.00	4.554e+05	934.14	704.53	107.95	0.0	982.34	691.71	0.941	0.028	0.018
400.00	1.994e+05	1185.18	563.93	107.95	0.0	980.11	688.35	0.968	0.118	0.176
266.67	2.232e+05	1010.40	673.82	107.95	0.0	978.93	697.90	0.974	0.018	0.034
175.00	7.426e+04	1605.00	407.50	26.50	0.0	1605.00	407.50	0.439	0.0	0.0
133.33	2.957e+05	988.53	680.38	107.95	0.0	978.93	697.90	0.974	0.006	0.025
Risulta	1.420e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	5.440	0.184	0.152	1177.95	8.30e-02	9.928e+05	69.9	48.36	3.41e-03	0.0	0.0
2	5.835	0.171	0.152	450.66	3.17e-02	477.37	3.36e-02	5549.90	0.4	0.0	0.0
3	6.474	0.154	0.152	2.501e+05	17.6	2.798e+05	19.7	28.40	2.00e-03	0.0	0.0
4	6.555	0.153	0.152	1.154e+06	81.3	7.976e+04	5.6	4.18	2.95e-04	0.0	0.0
5	13.627	0.073	0.169	2294.39	0.2	2.241e+04	1.6	8197.08	0.6	0.0	0.0
6	16.980	0.059	0.176	950.20	6.69e-02	4.088e+04	2.9	2939.77	0.2	0.0	0.0
7	18.719	0.053	0.179	6646.81	0.5	2094.70	0.1	2.894e+05	20.4	0.0	0.0
8	19.083	0.052	0.180	3769.36	0.3	67.37	4.74e-03	8.762e+05	61.7	0.0	0.0
9	23.898	0.042	0.185	401.47	2.83e-02	0.04	2.63e-06	2.312e+05	16.3	0.0	0.0
Risulta				1.420e+06		1.418e+06		1.414e+06			
In percentuale				99.98		99.88		99.55			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.152 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.176 sec.
			fattore q: 3.300
			fattore per spost. mu d: 5.179
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
986.00	2.626e+04	1602.68	625.00	-61.70	0.0	1598.36	625.00	8.2076e-05	0.038	0.0
946.80	4028.34	1497.58	500.00	-61.70	0.0	0.0	0.0	0.0	0.0	0.0
936.00	2226.29	1920.00	775.00	-7.50	0.0	1920.00	775.00	3.000	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
888.78	2277.96	1667.58	315.00	-54.20	0.0	0.0	0.0	0.0	0.0	0.0
879.50	9605.80	1620.40	625.00	-54.20	0.0	0.0	0.0	0.0	0.0	0.0
841.74	1408.55	1653.60	165.00	-54.20	0.0	0.0	0.0	0.0	0.0	0.0
790.00	3.271e+04	1656.77	103.60	-54.20	0.0	1857.01	0.31	0.480	0.413	0.413
773.00	8482.53	1540.90	625.00	-46.00	0.0	0.0	0.0	0.0	0.0	0.0
720.00	2.263e+04	1674.21	127.04	-54.20	0.0	1694.12	0.24	0.447	0.037	0.550
666.50	8231.35	1623.40	625.00	-54.20	0.0	0.0	0.0	0.0	0.0	0.0
560.00	5.423e+04	1641.60	360.92	-54.20	0.0	1692.44	289.06	1.101	0.058	0.190
505.00	4.554e+05	934.14	704.53	-107.95	0.0	982.34	691.71	0.941	0.028	0.018
400.00	1.994e+05	1185.18	563.93	-107.95	0.0	980.11	688.35	0.968	0.118	0.176
266.67	2.232e+05	1010.40	673.82	-107.95	0.0	978.93	697.90	0.974	0.018	0.034
175.00	7.426e+04	1605.00	407.50	-26.50	0.0	1605.00	407.50	0.439	0.0	0.0
133.33	2.957e+05	988.53	680.38	-107.95	0.0	978.93	697.90	0.974	0.006	0.025
Risulta	1.420e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	5.678	0.176	0.152	2444.40	0.2	1.191e+06	83.9	36.42	2.56e-03	0.0	0.0
2	5.819	0.172	0.152	506.40	3.57e-02	38.70	2.73e-03	5548.89	0.4	0.0	0.0
3	6.192	0.161	0.152	2646.54	0.2	1.561e+05	11.0	2.98	2.10e-04	0.0	0.0
4	6.542	0.153	0.152	1.400e+06	98.6	4475.28	0.3	15.40	1.08e-03	0.0	0.0
5	13.402	0.075	0.169	2279.39	0.2	1.689e+04	1.2	7249.20	0.5	0.0	0.0
6	16.390	0.061	0.175	264.64	1.86e-02	4.845e+04	3.4	3689.32	0.3	0.0	0.0
7	18.640	0.054	0.179	8421.33	0.6	792.11	5.58e-02	1.794e+05	12.6	0.0	0.0
8	19.052	0.052	0.180	2759.86	0.2	48.02	3.38e-03	9.834e+05	69.3	0.0	0.0
9	23.856	0.042	0.185	396.78	2.79e-02	18.95	1.33e-03	2.344e+05	16.5	0.0	0.0
Risulta				1.420e+06		1.418e+06		1.414e+06			
In percentuale				99.98		99.86		99.56			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.151 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
986.00	2.626e+04	1602.68	625.00	0.0	0.0	1598.36	625.00	8.2076e-05	0.038	0.0
946.80	4028.34	1497.58	500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
936.00	2226.29	1920.00	775.00	0.0	0.0	1920.00	775.00	3.000	0.0	0.0
888.78	2277.96	1667.58	315.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
879.50	9605.80	1620.40	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
841.74	1408.55	1653.60	165.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
790.00	3.271e+04	1656.77	103.60	0.0	-31.25	1857.01	0.31	0.480	0.413	0.413
773.00	8482.53	1540.90	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.00	2.263e+04	1674.21	127.04	0.0	-25.00	1694.12	0.24	0.447	0.037	0.550
666.50	8231.35	1623.40	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
560.00	5.423e+04	1641.60	360.92	0.0	-31.25	1692.44	289.06	1.101	0.058	0.190
505.00	4.554e+05	934.14	704.53	0.0	-62.25	982.34	691.71	0.941	0.028	0.018
400.00	1.994e+05	1185.18	563.93	0.0	-62.25	980.11	688.35	0.968	0.118	0.176
266.67	2.232e+05	1010.40	673.82	0.0	-62.25	978.93	697.90	0.974	0.018	0.034
175.00	7.426e+04	1605.00	407.50	0.0	-9.25	1605.00	407.50	0.439	0.0	0.0
133.33	2.957e+05	988.53	680.38	0.0	-62.25	978.93	697.90	0.974	0.006	0.025
Risulta	1.420e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	5.694	0.176	0.183	1729.49	0.1	1.174e+06	82.7	112.19	7.90e-03	0.0	0.0
2	5.828	0.172	0.183	350.11	2.47e-02	4600.73	0.3	5477.67	0.4	0.0	0.0
3	6.072	0.165	0.183	2.505e+05	17.6	1.536e+05	10.8	15.13	1.07e-03	0.0	0.0
4	6.617	0.151	0.183	1.151e+06	81.0	2.124e+04	1.5	16.50	1.16e-03	0.0	0.0
5	13.580	0.074	0.160	4276.63	0.3	2.331e+04	1.6	7631.76	0.5	0.0	0.0
6	17.058	0.059	0.143	2386.36	0.2	3.804e+04	2.7	772.69	5.44e-02	0.0	0.0
7	18.703	0.053	0.137	7304.96	0.5	3798.97	0.3	1.684e+05	11.9	0.0	0.0
8	19.019	0.053	0.136	2048.93	0.1	341.07	2.40e-02	9.981e+05	70.3	0.0	0.0
9	23.969	0.042	0.123	218.07	1.54e-02	108.06	7.61e-03	2.336e+05	16.4	0.0	0.0
Risulta				1.420e+06		1.419e+06		1.414e+06			
In percentuale				99.97		99.91		99.58			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.151 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
986.00	2.626e+04	1602.68	625.00	0.0	0.0	1598.36	625.00	8.2076e-05	0.038	0.0
946.80	4028.34	1497.58	500.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
936.00	2226.29	1920.00	775.00	0.0	0.0	1920.00	775.00	3.000	0.0	0.0
888.78	2277.96	1667.58	315.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
879.50	9605.80	1620.40	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
841.74	1408.55	1653.60	165.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
790.00	3.271e+04	1656.77	103.60	0.0	31.25	1857.01	0.31	0.480	0.413	0.413
773.00	8482.53	1540.90	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.00	2.263e+04	1674.21	127.04	0.0	25.00	1694.12	0.24	0.447	0.037	0.550
666.50	8231.35	1623.40	625.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
560.00	5.423e+04	1641.60	360.92	0.0	31.25	1692.44	289.06	1.101	0.058	0.190
505.00	4.554e+05	934.14	704.53	0.0	62.25	982.34	691.71	0.941	0.028	0.018
400.00	1.994e+05	1185.18	563.93	0.0	62.25	980.11	688.35	0.968	0.118	0.176
266.67	2.232e+05	1010.40	673.82	0.0	62.25	978.93	697.90	0.974	0.018	0.034
175.00	7.426e+04	1605.00	407.50	0.0	9.25	1605.00	407.50	0.439	0.0	0.0
133.33	2.957e+05	988.53	680.38	0.0	62.25	978.93	697.90	0.974	0.006	0.025
Risulta	1.420e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	5.686	0.176	0.183	2.218e+04	1.6	1.139e+06	80.2	137.30	9.67e-03	0.0	0.0
2	5.828	0.172	0.183	425.06	2.99e-02	7809.85	0.5	5448.18	0.4	0.0	0.0
3	6.103	0.164	0.183	1.793e+05	12.6	2.054e+05	14.5	9.89	6.96e-04	0.0	0.0
4	6.621	0.151	0.183	1.205e+06	84.9	832.36	5.86e-02	14.57	1.03e-03	0.0	0.0
5	13.706	0.073	0.160	400.90	2.82e-02	2.840e+04	2.0	1.021e+04	0.7	0.0	0.0
6	17.597	0.057	0.141	282.10	1.99e-02	3.657e+04	2.6	1.070e+04	0.8	0.0	0.0
7	18.434	0.054	0.138	1.187e+04	0.8	544.72	3.84e-02	2292.92	0.2	0.0	0.0
8	19.053	0.052	0.135	133.46	9.40e-03	337.32	2.38e-02	1.174e+06	82.7	0.0	0.0
9	24.142	0.041	0.122	97.95	6.90e-03	405.96	2.86e-02	2.107e+05	14.8	0.0	0.0
Risulta				1.420e+06		1.419e+06		1.414e+06			
In percentuale				99.97		99.93		99.55			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.184 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
986.00	2.626e+04	1602.68	625.00	61.70	0.0	1598.36	625.00	8.2076e-05	0.038	0.0
946.80	4028.34	1497.58	500.00	61.70	0.0	0.0	0.0	0.0	0.0	0.0
936.00	2226.29	1920.00	775.00	7.50	0.0	1920.00	775.00	3.000	0.0	0.0
888.78	2277.96	1667.58	315.00	54.20	0.0	0.0	0.0	0.0	0.0	0.0
879.50	9605.80	1620.40	625.00	54.20	0.0	0.0	0.0	0.0	0.0	0.0
841.74	1408.55	1653.60	165.00	54.20	0.0	0.0	0.0	0.0	0.0	0.0
790.00	3.271e+04	1656.77	103.60	54.20	0.0	1857.01	0.31	0.480	0.413	0.413
773.00	8482.53	1540.90	625.00	46.00	0.0	0.0	0.0	0.0	0.0	0.0
720.00	2.263e+04	1674.21	127.04	54.20	0.0	1694.12	0.24	0.447	0.037	0.550
666.50	8231.35	1623.40	625.00	54.20	0.0	0.0	0.0	0.0	0.0	0.0
560.00	5.423e+04	1641.60	360.92	54.20	0.0	1692.44	289.06	1.101	0.058	0.190
505.00	4.554e+05	934.14	704.53	107.95	0.0	982.34	691.71	0.941	0.028	0.018
400.00	1.994e+05	1185.18	563.93	107.95	0.0	980.11	688.35	0.968	0.118	0.176
266.67	2.232e+05	1010.40	673.82	107.95	0.0	978.93	697.90	0.974	0.018	0.034
175.00	7.426e+04	1605.00	407.50	26.50	0.0	1605.00	407.50	0.439	0.0	0.0
133.33	2.957e+05	988.53	680.38	107.95	0.0	978.93	697.90	0.974	0.006	0.025
Risulta	1.420e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	5.440	0.184	0.183	1177.95	8.30e-02	9.928e+05	69.9	48.36	3.41e-03	0.0	0.0
2	5.835	0.171	0.183	450.66	3.17e-02	477.37	3.36e-02	5549.90	0.4	0.0	0.0
3	6.474	0.154	0.183	2.501e+05	17.6	2.798e+05	19.7	28.40	2.00e-03	0.0	0.0
4	6.555	0.153	0.183	1.154e+06	81.3	7.976e+04	5.6	4.18	2.95e-04	0.0	0.0
5	13.627	0.073	0.160	2294.39	0.2	2.241e+04	1.6	8197.08	0.6	0.0	0.0
6	16.980	0.059	0.143	950.20	6.69e-02	4.088e+04	2.9	2939.77	0.2	0.0	0.0
7	18.719	0.053	0.137	6646.81	0.5	2094.70	0.1	2.894e+05	20.4	0.0	0.0
8	19.083	0.052	0.135	3769.36	0.3	67.37	4.74e-03	8.762e+05	61.7	0.0	0.0
9	23.898	0.042	0.123	401.47	2.83e-02	0.04	2.63e-06	2.312e+05	16.3	0.0	0.0
Risulta				1.420e+06		1.418e+06		1.414e+06			
In percentuale				99.98		99.88		99.55			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.176 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
986.00	2.626e+04	1602.68	625.00	-61.70	0.0	1598.36	625.00	8.2076e-05	0.038	0.0
946.80	4028.34	1497.58	500.00	-61.70	0.0	0.0	0.0	0.0	0.0	0.0

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
936.00	2226.29	1920.00	775.00	-7.50	0.0	1920.00	775.00	3.000	0.0	0.0
888.78	2277.96	1667.58	315.00	-54.20	0.0	0.0	0.0	0.0	0.0	0.0
879.50	9605.80	1620.40	625.00	-54.20	0.0	0.0	0.0	0.0	0.0	0.0
841.74	1408.55	1653.60	165.00	-54.20	0.0	0.0	0.0	0.0	0.0	0.0
790.00	3.271e+04	1656.77	103.60	-54.20	0.0	1857.01	0.31	0.480	0.413	0.413
773.00	8482.53	1540.90	625.00	-46.00	0.0	0.0	0.0	0.0	0.0	0.0
720.00	2.263e+04	1674.21	127.04	-54.20	0.0	1694.12	0.24	0.447	0.037	0.550
666.50	8231.35	1623.40	625.00	-54.20	0.0	0.0	0.0	0.0	0.0	0.0
560.00	5.423e+04	1641.60	360.92	-54.20	0.0	1692.44	289.06	1.101	0.058	0.190
505.00	4.554e+05	934.14	704.53	-107.95	0.0	982.34	691.71	0.941	0.028	0.018
400.00	1.994e+05	1185.18	563.93	-107.95	0.0	980.11	688.35	0.968	0.118	0.176
266.67	2.232e+05	1010.40	673.82	-107.95	0.0	978.93	697.90	0.974	0.018	0.034
175.00	7.426e+04	1605.00	407.50	-26.50	0.0	1605.00	407.50	0.439	0.0	0.0
133.33	2.957e+05	988.53	680.38	-107.95	0.0	978.93	697.90	0.974	0.006	0.025
Risulta	1.420e+06									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	5.678	0.176	0.183	2444.40	0.2	1.191e+06	83.9	36.42	2.56e-03	0.0	0.0
2	5.819	0.172	0.183	506.40	3.57e-02	38.70	2.73e-03	5548.89	0.4	0.0	0.0
3	6.192	0.161	0.183	2646.54	0.2	1.561e+05	11.0	2.98	2.10e-04	0.0	0.0
4	6.542	0.153	0.183	1.400e+06	98.6	4475.28	0.3	15.40	1.08e-03	0.0	0.0
5	13.402	0.075	0.162	2279.39	0.2	1.689e+04	1.2	7249.20	0.5	0.0	0.0
6	16.390	0.061	0.146	264.64	1.86e-02	4.845e+04	3.4	3689.32	0.3	0.0	0.0
7	18.640	0.054	0.137	8421.33	0.6	792.11	5.58e-02	1.794e+05	12.6	0.0	0.0
8	19.052	0.052	0.135	2759.86	0.2	48.02	3.38e-03	9.834e+05	69.3	0.0	0.0
9	23.856	0.042	0.123	396.78	2.79e-02	18.95	1.33e-03	2.344e+05	16.5	0.0	0.0
Risulta				1.420e+06		1.418e+06		1.414e+06			
In percentuale				99.98		99.86		99.56			

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
			cm	cm			cm	cm			cm	cm
125	41	0.07	0.03	431.0	42	0.11	0.05	431.0	46	0.14	0.07	481.0
	47	0.15	0.07	441.8								
126	41	0.42	0.18	431.0	42	0.07	0.03	431.0	46	0.11	0.05	481.0
	47	0.12	0.06	441.8								
127	41	0.26	0.11	431.0	42	0.08	0.04	431.0	46	0.14	0.07	481.0
	47	0.15	0.06	441.8								
128	41	0.37	0.16	431.0	42	0.02	8.82e-03	431.0	46	0.04	0.02	481.0
	47	0.08	0.04	441.8								
129	41	0.14	0.06	431.0	42	0.11	0.05	431.0	46	0.13	0.06	481.0
	47	0.15	0.07	441.8								
130	41	0.42	0.18	431.0	42	0.07	0.03	431.0	46	0.11	0.05	481.0
	47	0.13	0.06	441.8								
131	41	0.31	0.13	431.0	42	0.08	0.03	431.0	46	0.14	0.07	481.0
	47	0.14	0.06	441.8								
132	41	0.37	0.16	431.0	42	0.02	9.91e-03	431.0	46	0.05	0.02	481.0
	47	0.04	0.02	441.8								
133	41	0.37	0.16	431.0	42	0.09	0.04	431.0	46	0.13	0.06	481.0
	47	0.15	0.07	441.8								
134	41	0.44	0.19	431.0	42	0.05	0.02	431.0	46	0.10	0.05	481.0
	47	0.11	0.05	441.8								
135	41	0.07	0.03	431.0	42	0.10	0.04	431.0	46	0.14	0.07	481.0
	47	0.15	0.07	441.8								
136	41	0.35	0.15	431.0	42	0.04	0.02	431.0	46	0.04	0.02	481.0
	47	0.06	0.03	441.8								
137	41	0.38	0.16	431.0	42	0.09	0.04	431.0	46	0.13	0.06	481.0
	47	0.15	0.07	441.8								
138	41	0.44	0.19	431.0	42	0.05	0.02	431.0	46	0.10	0.05	481.0
	47	0.12	0.05	441.8								
139	41	0.02	0.01	431.0	42	0.10	0.04	431.0	46	0.14	0.07	481.0
	47	0.15	0.06	441.8								
140	41	0.35	0.15	431.0	42	0.04	0.02	431.0	46	0.06	0.03	481.0
	47	0.02	9.05e-03	441.8								
141	41	0.27	0.11	431.0	42	0.17	0.07	431.0	46	0.17	0.08	481.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	47	0.18	0.08	441.8								
142	41	0.48	0.21	431.0	42	0.06	0.02	431.0	46	0.07	0.03	481.0
	47	0.09	0.04	441.8								
143	41	0.25	0.11	431.0	42	0.16	0.07	431.0	46	0.17	0.08	481.0
	47	0.18	0.08	441.8								
144	41	0.47	0.20	431.0	42	0.05	0.02	431.0	46	0.07	0.03	481.0
	47	0.08	0.04	441.8								
145	41	0.27	0.12	431.0	42	0.16	0.07	431.0	46	0.17	0.08	481.0
	47	0.18	0.08	441.8								
146	41	0.49	0.21	431.0	42	0.06	0.03	431.0	46	0.07	0.03	481.0
	47	0.09	0.04	441.8								
147	41	0.24	0.11	431.0	42	0.17	0.07	431.0	46	0.17	0.08	481.0
	47	0.18	0.08	441.8								
148	41	0.46	0.20	431.0	42	0.05	0.02	431.0	46	0.07	0.03	481.0
	47	0.08	0.04	441.8								
149	41	0.23	0.10	431.0	42	0.16	0.07	431.0	46	0.17	0.08	481.0
	47	0.18	0.08	441.8								
150	41	0.48	0.21	431.0	42	0.05	0.02	431.0	46	0.08	0.04	481.0
	47	0.09	0.04	441.8								
151	41	0.17	0.07	431.0	42	0.16	0.07	431.0	46	0.17	0.08	481.0
	47	0.18	0.08	441.8								
152	41	0.46	0.20	431.0	42	0.04	0.02	431.0	46	0.07	0.04	481.0
	47	0.09	0.04	441.8								
153	41	0.14	0.06	431.0	42	0.16	0.07	431.0	46	0.17	0.08	481.0
	47	0.18	0.08	441.8								
154	41	0.49	0.21	431.0	42	0.05	0.02	431.0	46	0.08	0.04	481.0
	47	0.09	0.04	441.8								
155	41	0.25	0.11	431.0	42	0.16	0.07	431.0	46	0.17	0.08	481.0
	47	0.18	0.08	441.8								
156	41	0.46	0.20	431.0	42	0.04	0.02	431.0	46	0.07	0.04	481.0
	47	0.09	0.04	441.8								
Cmb		**1000 etaT/h**										
		0.49										

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	21	0.04	-6.29e-03	-0.10	-6.84e-05	9.85e-05	2.95e-05
1	35	0.03	-2.13e-03	-0.10	-6.59e-05	9.75e-05	2.49e-05
1	101	0.12	0.06	-0.06	-6.55e-05	9.04e-05	4.71e-06
1	118	0.08	-0.12	-0.09	-1.91e-05	7.53e-05	7.58e-05
1	120	0.03	-0.09	-0.10	-1.01e-05	6.37e-05	5.22e-05
1	133	0.14	0.07	-0.06	-6.82e-05	9.30e-05	1.50e-06
1	150	0.09	-0.15	-0.09	-1.28e-05	7.55e-05	8.70e-05
1	152	0.03	-0.11	-0.11	-1.94e-06	6.16e-05	5.86e-05
2	2	-0.02	-1.36e-03	-0.07	-7.00e-05	-3.51e-05	-2.02e-05
2	68	4.28e-03	0.07	-0.11	-8.65e-05	-4.21e-05	2.05e-05
2	88	-5.96e-03	0.04	-0.13	-5.39e-05	-3.16e-05	3.76e-06
2	104	-0.10	0.04	-0.09	-4.74e-05	-4.11e-05	2.36e-05
2	110	-0.02	-0.07	-0.13	8.42e-06	0.0	-5.46e-05
2	115	0.02	0.18	-0.05	-1.22e-04	-5.87e-05	9.68e-05
2	136	-0.11	0.04	-0.08	-4.54e-05	-4.33e-05	2.64e-05
2	142	-0.02	-0.09	-0.14	2.16e-05	6.71e-06	-6.77e-05
2	147	0.02	0.21	-0.04	-1.35e-04	-6.44e-05	1.14e-04
3	2	0.02	-5.70e-03	-6.89e-03	1.35e-04	9.74e-05	-1.54e-05
3	21	2.68e-03	-0.02	-0.07	1.28e-04	1.01e-04	1.99e-05
3	55	-3.98e-03	-0.01	-0.07	1.28e-04	1.01e-04	2.14e-05
3	95	-0.10	0.06	-0.06	1.04e-04	6.50e-05	-5.17e-06
3	118	-4.05e-04	-0.13	-0.03	1.31e-04	9.49e-05	6.89e-05
3	123	3.21e-05	0.08	-0.08	6.07e-05	5.83e-05	-1.95e-05
3	127	-0.11	0.07	-0.06	1.05e-04	6.27e-05	-8.96e-06
3	150	-2.47e-04	-0.16	-0.02	1.37e-04	9.82e-05	8.01e-05
3	155	2.55e-04	0.10	-0.08	5.32e-05	5.45e-05	-2.61e-05
4	66	-0.04	0.07	-0.12	9.54e-05	-4.95e-06	7.91e-05
4	67	-0.04	0.07	-0.12	9.13e-05	-5.62e-06	7.90e-05
4	68	-0.04	0.07	-0.12	9.58e-05	-5.02e-06	7.92e-05
4	95	-0.12	0.04	-0.09	5.51e-05	-1.06e-05	3.85e-05
4	113	-0.06	0.15	-0.12	2.92e-05	2.14e-05	1.19e-04
4	115	-0.10	0.18	-0.11	2.44e-05	1.17e-05	1.40e-04
4	127	-0.14	0.05	-0.09	5.03e-05	-1.09e-05	3.54e-05
4	145	-0.06	0.18	-0.13	1.91e-05	2.74e-05	1.32e-04
4	147	-0.11	0.20	-0.12	1.33e-05	1.58e-05	1.58e-04
5	45	-0.01	0.04	-0.13	5.14e-05	-4.75e-06	3.35e-05
5	56	-7.96e-03	0.04	-0.14	5.90e-05	0.0	4.03e-05
5	66	-7.95e-03	0.05	-0.14	6.06e-05	-1.96e-06	4.33e-05
5	104	-0.08	0.02	-0.10	4.50e-05	-1.14e-05	4.03e-05
5	105	0.07	0.03	-0.11	4.56e-05	1.20e-05	-1.83e-05
5	115	-0.02	0.13	-0.11	3.78e-05	-1.50e-05	1.10e-04
5	136	-0.10	0.02	-0.10	4.49e-05	-1.37e-05	4.30e-05
5	137	0.09	0.03	-0.11	4.57e-05	1.43e-05	-2.76e-05
5	147	-0.03	0.15	-0.11	3.64e-05	-1.80e-05	1.26e-04
6	16	-0.02	0.05	-0.14	-4.02e-06	-4.88e-04	2.46e-05
6	45	-0.03	0.05	-0.13	-1.20e-05	-5.00e-04	2.06e-05
6	68	-0.02	0.07	-0.13	-1.62e-05	-4.94e-04	3.02e-05
6	102	0.06	-0.03	-0.11	1.55e-05	-3.64e-04	-3.84e-05
6	104	-0.09	0.04	-0.09	2.64e-06	-4.01e-04	3.09e-05
6	115	-0.03	0.18	-0.09	-5.42e-05	-3.80e-04	9.93e-05
6	126	0.07	0.03	-0.12	2.04e-05	-3.62e-04	3.70e-05
6	136	-0.11	0.04	-0.09	4.16e-06	-4.05e-04	3.36e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
6	147	-0.04	0.20	-0.09	-6.39e-05	-3.80e-04	1.16e-04
7	24	0.04	-0.02	-0.11	4.30e-05	-1.20e-05	6.90e-05
7	35	0.03	-0.02	-0.11	4.52e-05	-1.63e-05	6.52e-05
7	101	0.12	0.05	-0.07	2.24e-05	0.0	3.87e-05
7	118	0.08	-0.15	-0.10	5.90e-05	-1.53e-05	9.85e-05
7	120	0.03	-0.12	-0.11	6.72e-05	-2.48e-05	7.71e-05
7	133	0.14	0.07	-0.06	2.02e-05	1.84e-06	3.61e-05
7	150	0.09	-0.18	-0.10	6.38e-05	-1.58e-05	1.08e-04
7	152	0.03	-0.14	-0.11	7.37e-05	-2.72e-05	8.24e-05
8	45	-0.02	0.03	-0.12	-1.13e-04	1.47e-05	0.0
8	56	-0.02	0.04	-0.13	-1.12e-04	1.98e-05	0.0
8	66	-0.02	0.04	-0.12	-1.11e-04	1.93e-05	0.0
8	95	-0.09	0.04	-0.09	-8.72e-05	7.29e-06	0.0
8	113	-0.01	0.11	-0.10	-1.02e-04	2.43e-05	0.0
8	115	-0.06	0.12	-0.10	-9.84e-05	1.81e-05	0.0
8	127	-0.11	0.04	-0.09	-8.78e-05	6.11e-06	0.0
8	145	-0.01	0.13	-0.10	-1.06e-04	2.65e-05	0.0
8	147	-0.06	0.15	-0.10	-1.01e-04	1.91e-05	0.0
9	16	-1.22e-03	0.08	-0.14	0.0	5.19e-06	5.46e-05
9	45	-0.02	0.08	-0.13	0.0	-1.61e-05	4.03e-05
9	65	-0.01	0.11	-0.13	0.0	-7.03e-06	5.64e-05
9	94	0.09	0.04	-0.12	0.0	2.69e-05	5.93e-05
9	107	-0.10	0.13	-0.09	0.0	-2.63e-05	6.20e-05
9	115	-0.04	0.24	-0.09	0.0	-2.37e-05	1.16e-04
9	126	0.10	0.04	-0.12	0.0	3.23e-05	6.32e-05
9	139	-0.12	0.14	-0.09	0.0	-3.14e-05	6.65e-05
9	147	-0.05	0.27	-0.09	0.0	-2.82e-05	1.32e-04
10	24	0.04	-0.02	-0.10	3.28e-05	-6.58e-04	-4.35e-04
10	35	0.03	-0.01	-0.10	3.49e-05	-6.62e-04	-4.39e-04
10	101	0.12	0.06	-0.06	1.29e-05	-4.94e-04	-3.51e-04
10	118	0.07	-0.15	-0.09	5.71e-05	-5.08e-04	-3.14e-04
10	120	0.02	-0.12	-0.09	6.56e-05	-5.20e-04	-2.88e-04
10	133	0.14	0.07	-0.06	1.04e-05	-4.92e-04	-3.54e-04
10	150	0.08	-0.18	-0.09	6.31e-05	-5.08e-04	-3.09e-04
10	152	0.02	-0.14	-0.10	7.33e-05	-5.23e-04	-2.78e-04
11	45	-0.02	0.03	-0.12	7.06e-05	1.35e-05	0.0
11	56	-0.01	0.04	-0.13	8.70e-05	1.80e-05	0.0
11	66	-0.01	0.05	-0.12	8.09e-05	1.69e-05	0.0
11	95	-0.09	0.04	-0.09	5.08e-05	0.0	0.0
11	105	0.07	0.02	-0.10	7.00e-05	2.35e-05	0.0
11	115	-0.04	0.13	-0.10	6.19e-05	5.59e-06	0.0
11	127	-0.10	0.04	-0.09	4.92e-05	-1.96e-06	0.0
11	137	0.08	0.02	-0.10	7.21e-05	2.55e-05	0.0
11	147	-0.05	0.15	-0.10	6.24e-05	4.12e-06	0.0
12	45	-0.02	0.04	-0.13	-8.86e-05	8.37e-05	0.0
12	56	-0.02	0.05	-0.14	-8.67e-05	9.72e-05	0.0
12	68	-0.02	0.05	-0.13	-8.81e-05	9.63e-05	0.0
12	95	-0.10	0.04	-0.10	-7.68e-05	5.70e-05	0.0
12	101	0.05	0.03	-0.11	-7.83e-05	9.56e-05	0.0
12	115	-0.06	0.14	-0.11	-9.00e-05	8.14e-05	0.0
12	127	-0.11	0.04	-0.10	-7.91e-05	5.48e-05	0.0
12	133	0.07	0.04	-0.11	-8.10e-05	1.01e-04	0.0
12	147	-0.07	0.16	-0.11	-9.50e-05	8.41e-05	0.0
13	45	-0.02	0.04	-0.13	4.12e-05	7.36e-05	0.0
13	56	-0.01	0.05	-0.13	5.41e-05	8.44e-05	0.0
13	68	-0.01	0.05	-0.13	5.09e-05	8.30e-05	0.0
13	95	-0.09	0.04	-0.09	1.86e-05	4.27e-05	0.0
13	105	0.06	0.02	-0.11	4.18e-05	8.25e-05	0.0
13	115	-0.05	0.14	-0.10	1.64e-05	5.85e-05	0.0
13	127	-0.11	0.04	-0.09	1.50e-05	3.90e-05	0.0
13	137	0.08	0.02	-0.11	4.27e-05	8.67e-05	0.0
13	147	-0.05	0.17	-0.10	1.23e-05	5.77e-05	0.0
14	45	-0.03	0.09	-0.15	5.49e-05	-1.43e-05	5.92e-06
14	56	-0.01	0.10	-0.16	5.41e-05	-8.10e-06	2.74e-05
14	65	-0.02	0.12	-0.15	4.64e-05	-1.38e-05	3.95e-05
14	95	-0.11	0.12	-0.12	-1.26e-06	-2.63e-05	-1.03e-05
14	115	-0.05	0.22	-0.12	-4.87e-05	-2.38e-05	1.24e-04
14	121	6.46e-03	0.20	-0.12	-4.02e-05	-1.47e-05	3.45e-05
14	127	-0.13	0.13	-0.12	-9.75e-06	-3.02e-05	-1.37e-05
14	147	-0.06	0.25	-0.12	-6.69e-05	-2.72e-05	1.47e-04
14	153	9.98e-03	0.23	-0.12	-5.66e-05	-1.64e-05	4.00e-05
15	24	0.03	0.03	-0.13	-1.45e-05	-3.08e-06	1.23e-04
15	65	0.02	0.04	-0.13	-3.73e-05	-1.08e-05	1.28e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
15	76	0.02	0.02	-0.14	-2.93e-06	-2.20e-06	1.15e-04
15	101	0.11	0.04	-0.10	-2.93e-05	1.19e-05	7.77e-05
15	118	0.06	-0.06	-0.12	7.73e-05	1.48e-05	1.49e-04
15	119	-0.03	0.11	-0.09	-1.04e-04	-2.34e-05	3.54e-05
15	133	0.12	0.04	-0.10	-3.25e-05	1.52e-05	7.47e-05
15	150	0.07	-0.08	-0.12	9.56e-05	1.84e-05	1.61e-04
15	151	-0.04	0.13	-0.08	-1.22e-04	-2.70e-05	2.39e-05
16	2	4.63e-03	-0.12	-0.10	6.62e-04	0.0	-3.96e-04
16	47	-0.01	-9.56e-03	-0.16	1.20e-03	0.0	-2.94e-04
16	55	-0.01	-1.61e-03	-0.16	1.19e-03	0.0	-2.88e-04
16	95	-0.10	0.04	-0.12	8.75e-04	0.0	-2.40e-04
16	117	0.03	0.11	-0.13	8.05e-04	0.0	-1.64e-04
16	118	2.55e-03	-0.13	-0.12	1.05e-03	0.0	-2.57e-04
16	127	-0.12	0.05	-0.12	8.67e-04	0.0	-2.43e-04
16	149	0.04	0.13	-0.13	7.81e-04	0.0	-1.51e-04
16	150	4.57e-03	-0.16	-0.12	1.08e-03	0.0	-2.63e-04
17	21	0.02	8.06e-03	-0.11	-6.21e-05	6.93e-05	0.0
17	56	0.01	0.01	-0.11	-7.63e-05	8.29e-05	0.0
17	67	0.01	0.01	-0.11	-7.71e-05	7.96e-05	0.0
17	95	-0.06	0.05	-0.09	-9.00e-05	6.64e-05	0.0
17	106	0.09	9.13e-04	-0.08	-1.36e-05	4.52e-05	0.0
17	119	-0.02	0.10	-0.09	-9.42e-05	7.09e-05	0.0
17	127	-0.08	0.06	-0.09	-9.80e-05	6.85e-05	0.0
17	138	0.10	-3.02e-04	-0.08	-6.40e-06	4.32e-05	0.0
17	151	-0.03	0.12	-0.09	-1.03e-04	7.40e-05	0.0
18	45	-0.02	0.01	-0.16	-4.86e-05	-1.61e-06	2.72e-05
18	56	-0.02	0.02	-0.16	-5.68e-05	0.0	3.36e-05
18	65	-0.02	0.02	-0.16	-5.30e-05	1.19e-06	3.65e-05
18	95	-0.10	0.03	-0.12	-4.30e-05	-2.57e-06	6.52e-06
18	113	-0.03	0.08	-0.13	-7.49e-05	1.20e-05	8.23e-05
18	115	-0.07	0.09	-0.12	-7.00e-05	7.03e-06	1.03e-04
18	127	-0.12	0.03	-0.12	-4.42e-05	-2.88e-06	3.28e-06
18	145	-0.03	0.10	-0.13	-8.24e-05	1.45e-05	9.45e-05
18	147	-0.08	0.10	-0.12	-7.65e-05	8.57e-06	1.19e-04
19	23	8.43e-03	0.01	-0.13	-1.53e-05	3.02e-05	3.06e-05
19	56	2.64e-03	0.01	-0.14	-1.48e-05	3.17e-05	3.25e-05
19	65	2.59e-03	0.02	-0.14	-1.74e-05	3.00e-05	3.57e-05
19	106	0.08	-1.25e-03	-0.09	-6.69e-06	4.16e-05	0.0
19	111	-0.02	0.07	-0.11	-2.07e-05	1.94e-05	7.76e-05
19	119	-0.02	0.09	-0.11	-2.34e-05	1.87e-05	-3.33e-05
19	138	0.09	-3.23e-03	-0.09	-5.73e-06	4.53e-05	-4.98e-06
19	143	-0.03	0.08	-0.12	-2.25e-05	1.85e-05	8.89e-05
19	151	-0.03	0.11	-0.12	-2.57e-05	1.78e-05	-4.45e-05
20	2	0.01	-0.11	-0.10	6.32e-04	0.0	3.21e-04
20	47	-0.01	-0.01	-0.16	1.15e-03	0.0	3.10e-04
20	55	-6.35e-03	-5.34e-03	-0.16	1.14e-03	0.0	3.20e-04
20	95	-0.10	0.05	-0.12	8.34e-04	0.0	2.05e-04
20	118	6.93e-03	-0.15	-0.12	1.02e-03	0.0	3.35e-04
20	123	-0.01	0.12	-0.13	7.50e-04	0.0	1.77e-04
20	127	-0.11	0.06	-0.12	8.25e-04	0.0	1.99e-04
20	150	9.10e-03	-0.18	-0.11	1.04e-03	0.0	3.54e-04
20	155	-0.02	0.14	-0.13	7.24e-04	0.0	1.65e-04
21	45	-0.03	0.04	-0.12	-4.25e-05	1.08e-04	1.16e-04
21	65	-0.03	0.06	-0.13	-4.94e-05	1.14e-04	1.26e-04
21	67	-0.03	0.06	-0.13	-4.90e-05	1.14e-04	1.26e-04
21	95	-0.11	0.04	-0.09	-5.17e-05	8.20e-05	7.48e-05
21	113	-0.04	0.16	-0.13	-7.66e-05	1.12e-04	1.56e-04
21	115	-0.08	0.19	-0.12	-8.10e-05	1.03e-04	1.37e-04
21	127	-0.13	0.04	-0.09	-5.64e-05	8.17e-05	7.14e-05
21	145	-0.04	0.19	-0.13	-8.64e-05	1.17e-04	1.69e-04
21	147	-0.10	0.22	-0.12	-9.17e-05	1.06e-04	1.46e-04
22	2	0.02	0.11	-0.05	6.86e-04	0.0	9.63e-04
22	24	0.04	0.10	-0.10	6.83e-04	0.0	9.76e-04
22	76	0.03	0.10	-0.11	6.85e-04	0.0	9.66e-04
22	101	0.13	0.14	-0.06	5.11e-04	0.0	7.49e-04
22	119	-0.02	0.21	-0.06	4.90e-04	0.0	7.84e-04
22	120	0.03	-0.03	-0.10	5.70e-04	0.0	7.01e-04
22	133	0.15	0.15	-0.06	5.08e-04	0.0	7.49e-04
22	151	-0.04	0.24	-0.06	4.84e-04	0.0	7.91e-04
22	152	0.03	-0.05	-0.11	5.79e-04	0.0	6.91e-04
23	2	0.02	6.10e-03	-0.04	-3.27e-06	5.61e-04	-1.01e-04
23	21	0.04	-5.89e-03	-0.10	-8.27e-06	5.48e-04	-6.60e-05
23	35	0.02	-1.75e-03	-0.10	-5.59e-06	5.46e-04	-7.05e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
23	101	0.11	0.06	-0.06	-1.80e-05	4.40e-04	-6.84e-05
23	118	0.07	-0.12	-0.09	2.45e-05	4.26e-04	1.17e-06
23	120	0.02	-0.09	-0.10	3.29e-05	4.13e-04	-2.22e-05
23	133	0.13	0.07	-0.06	-2.04e-05	4.44e-04	-7.15e-05
23	150	0.08	-0.15	-0.09	3.02e-05	4.27e-04	1.22e-05
23	152	0.02	-0.11	-0.10	4.03e-05	4.12e-04	-1.60e-05
24	2	0.02	0.16	-0.05	-3.18e-06	0.0	1.17e-03
24	24	0.04	0.16	-0.10	-5.86e-06	0.0	1.18e-03
24	76	0.03	0.16	-0.11	-3.49e-06	0.0	1.17e-03
24	101	0.13	0.18	-0.07	-1.89e-06	0.0	9.01e-04
24	119	-0.02	0.25	-0.06	-5.51e-05	0.0	9.31e-04
24	120	0.03	0.02	-0.10	5.82e-05	0.0	8.70e-04
24	133	0.15	0.19	-0.06	-1.34e-06	0.0	8.99e-04
24	151	-0.04	0.27	-0.06	-6.52e-05	0.0	9.35e-04
24	152	0.03	1.07e-03	-0.11	7.04e-05	0.0	8.62e-04
25	2	4.48e-03	-0.02	-0.10	1.01e-04	6.12e-06	-6.10e-06
25	47	-0.02	4.14e-03	-0.16	-2.88e-05	5.48e-06	2.36e-05
25	55	-0.01	7.96e-03	-0.16	-3.34e-05	6.34e-06	2.99e-05
25	95	-0.10	0.03	-0.12	-2.03e-05	0.0	2.88e-06
25	119	-0.02	0.08	-0.12	-4.90e-05	0.0	-3.11e-05
25	123	-0.01	0.08	-0.12	-4.99e-05	0.0	-9.41e-06
25	127	-0.11	0.04	-0.12	-2.05e-05	0.0	0.0
25	151	-0.02	0.10	-0.12	-5.48e-05	0.0	-4.14e-05
25	155	-0.02	0.09	-0.12	-5.58e-05	-1.70e-06	-1.53e-05
26	2	0.02	0.11	-0.05	-6.76e-04	0.0	7.21e-04
26	22	0.04	0.11	-0.10	-6.78e-04	0.0	7.45e-04
26	76	0.03	0.11	-0.11	-6.75e-04	0.0	7.36e-04
26	101	0.12	0.14	-0.07	-5.18e-04	0.0	5.57e-04
26	119	-0.03	0.20	-0.06	-5.73e-04	0.0	5.23e-04
26	120	0.03	-9.05e-03	-0.10	-4.58e-04	0.0	5.97e-04
26	133	0.14	0.15	-0.06	-5.17e-04	0.0	5.54e-04
26	151	-0.04	0.23	-0.06	-5.83e-04	0.0	5.13e-04
26	152	0.03	-0.03	-0.11	-4.45e-04	0.0	6.02e-04
27	22	0.03	-9.19e-03	-0.15	2.26e-05	-1.43e-05	8.45e-06
27	35	0.01	-6.06e-03	-0.16	2.44e-05	-1.86e-05	4.17e-06
27	88	0.02	-9.40e-03	-0.16	2.60e-05	-1.23e-05	-3.54e-06
27	101	0.11	0.05	-0.11	2.18e-05	4.26e-06	-5.06e-06
27	118	0.06	-0.12	-0.13	6.83e-05	-8.18e-06	-1.57e-05
27	120	0.01	-0.10	-0.14	8.00e-05	-2.47e-05	-3.62e-05
27	133	0.12	0.06	-0.11	2.26e-05	7.81e-06	-7.00e-06
27	150	0.07	-0.15	-0.13	7.83e-05	-6.49e-06	-1.98e-05
27	152	0.01	-0.12	-0.14	9.23e-05	-2.64e-05	-4.43e-05
28	2	0.02	9.29e-03	-0.05	6.52e-04	-2.78e-06	5.54e-04
28	24	0.04	3.57e-03	-0.10	6.54e-04	0.0	5.67e-04
28	76	0.03	3.25e-03	-0.11	6.56e-04	2.24e-06	5.57e-04
28	101	0.13	0.07	-0.07	4.83e-04	1.10e-05	4.38e-04
28	119	-0.02	0.14	-0.06	4.56e-04	0.0	4.78e-04
28	120	0.03	-0.10	-0.10	5.60e-04	-1.35e-05	3.79e-04
28	133	0.15	0.08	-0.06	4.79e-04	1.33e-05	4.38e-04
28	151	-0.04	0.17	-0.06	4.47e-04	0.0	4.86e-04
28	152	0.03	-0.13	-0.11	5.72e-04	-1.56e-05	3.69e-04
29	22	0.03	-0.01	-0.15	5.48e-06	-2.83e-06	-1.70e-05
29	35	0.01	-8.16e-03	-0.16	6.75e-06	-6.52e-06	-2.02e-05
29	88	0.01	-0.01	-0.16	8.30e-06	0.0	-2.96e-05
29	101	0.11	0.05	-0.11	-8.41e-06	5.22e-06	-2.07e-05
29	118	0.06	-0.13	-0.13	3.70e-05	-3.08e-06	-5.83e-05
29	120	0.01	-0.10	-0.14	4.47e-05	-1.31e-05	-3.92e-05
29	133	0.12	0.06	-0.11	-1.10e-05	7.04e-06	-2.20e-05
29	150	0.07	-0.16	-0.13	4.32e-05	-2.67e-06	-6.67e-05
29	152	0.01	-0.12	-0.14	5.24e-05	-1.47e-05	-4.39e-05
30	24	0.08	-5.69e-03	-0.16	0.0	4.57e-04	-2.04e-04
30	35	0.07	-3.03e-03	-0.16	0.0	4.54e-04	-2.07e-04
30	88	0.07	-6.94e-03	-0.16	0.0	4.56e-04	-2.10e-04
30	101	0.15	0.06	-0.11	0.0	3.63e-04	-2.18e-04
30	118	0.10	-0.14	-0.13	0.0	3.28e-04	-1.20e-04
30	120	0.04	-0.11	-0.13	0.0	3.18e-04	-9.00e-05
30	133	0.17	0.07	-0.11	0.0	3.66e-04	-2.30e-04
30	150	0.11	-0.17	-0.13	0.0	3.24e-04	-1.12e-04
30	152	0.04	-0.13	-0.14	0.0	3.12e-04	-7.63e-05
31	21	0.03	-4.73e-03	-0.15	-3.50e-06	1.21e-05	3.15e-05
31	35	0.02	-1.32e-03	-0.16	0.0	5.35e-06	2.74e-05
31	101	0.10	0.05	-0.11	-1.48e-05	3.06e-05	7.19e-06
31	118	0.06	-0.11	-0.12	2.71e-05	4.90e-06	7.49e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
31	120	0.01	-0.09	-0.13	3.62e-05	-8.68e-06	5.18e-05
31	133	0.12	0.06	-0.11	-1.73e-05	3.48e-05	4.15e-06
31	150	0.06	-0.14	-0.13	3.26e-05	4.13e-06	8.56e-05
31	152	9.92e-03	-0.11	-0.13	4.35e-05	-1.22e-05	5.78e-05
32	2	0.01	-1.62e-03	-0.10	0.0	-3.54e-05	-3.48e-05
32	35	-3.83e-03	-5.20e-03	-0.16	0.0	-1.58e-04	1.31e-04
32	88	-1.42e-03	-8.55e-03	-0.16	0.0	-1.51e-04	1.24e-04
32	101	0.09	0.05	-0.11	0.0	-7.87e-05	8.65e-05
32	118	0.04	-0.12	-0.13	0.0	-8.51e-05	1.28e-04
32	120	-6.00e-03	-0.10	-0.13	0.0	-1.16e-04	1.54e-04
32	133	0.11	0.06	-0.11	0.0	-7.05e-05	8.37e-05
32	150	0.05	-0.15	-0.13	0.0	-7.82e-05	1.34e-04
32	152	-7.38e-03	-0.12	-0.13	0.0	-1.15e-04	1.64e-04
33	2	0.01	-3.70e-03	-0.10	0.0	4.98e-05	-7.86e-05
33	35	-8.33e-03	-7.22e-03	-0.16	0.0	8.56e-05	1.65e-04
33	88	-4.97e-03	-0.01	-0.16	0.0	9.22e-05	1.59e-04
33	107	-0.09	-9.76e-03	-0.12	0.0	3.98e-05	1.55e-04
33	118	0.04	-0.13	-0.13	0.0	8.77e-05	1.52e-04
33	120	-9.10e-03	-0.10	-0.13	0.0	7.05e-05	1.84e-04
33	139	-0.11	-0.01	-0.12	0.0	3.43e-05	1.61e-04
33	150	0.05	-0.16	-0.13	0.0	9.17e-05	1.57e-04
33	152	-0.01	-0.12	-0.13	0.0	7.11e-05	1.96e-04
34	22	0.03	-8.05e-03	-0.16	0.0	3.29e-04	-2.36e-05
34	35	0.02	-5.28e-03	-0.16	0.0	3.26e-04	-2.50e-05
34	88	0.03	-9.03e-03	-0.16	0.0	3.30e-04	-2.97e-05
34	106	0.12	-1.95e-03	-0.12	0.0	2.55e-04	-5.03e-05
34	118	0.07	-0.14	-0.13	0.0	2.41e-04	1.40e-05
34	120	0.01	-0.11	-0.13	0.0	2.32e-04	4.89e-05
34	138	0.13	-1.36e-03	-0.12	0.0	2.56e-04	-5.65e-05
34	150	0.07	-0.16	-0.13	0.0	2.39e-04	2.06e-05
34	152	0.01	-0.13	-0.14	0.0	2.28e-04	6.25e-05
35	2	8.32e-03	-0.15	-0.11	2.16e-03	6.85e-06	-2.35e-05
35	47	-0.01	-0.12	-0.16	2.64e-03	5.50e-06	8.08e-06
35	55	-7.79e-03	-0.11	-0.16	2.64e-03	6.41e-06	1.63e-05
35	95	-0.10	-0.04	-0.12	1.97e-03	0.0	-1.82e-05
35	118	5.81e-03	-0.24	-0.12	2.20e-03	9.64e-06	8.58e-05
35	123	-0.01	0.04	-0.13	1.87e-03	-1.32e-06	-3.85e-05
35	127	-0.12	-0.03	-0.12	1.96e-03	0.0	-2.35e-05
35	150	8.00e-03	-0.27	-0.12	2.23e-03	1.05e-05	1.01e-04
35	155	-0.02	0.07	-0.13	1.84e-03	-2.36e-06	-4.76e-05
36	47	-0.01	0.07	-0.16	-5.34e-04	0.0	2.53e-05
36	55	-0.01	0.07	-0.16	-5.42e-04	0.0	3.19e-05
36	67	-0.01	0.07	-0.16	-5.46e-04	0.0	3.50e-05
36	95	-0.10	0.09	-0.12	-4.74e-04	0.0	1.41e-06
36	119	-0.02	0.14	-0.12	-5.74e-04	0.0	-3.80e-05
36	123	-0.01	0.13	-0.12	-5.72e-04	0.0	-1.31e-05
36	127	-0.12	0.09	-0.12	-4.87e-04	0.0	-2.54e-06
36	151	-0.02	0.16	-0.13	-6.08e-04	0.0	-4.99e-05
36	155	-0.02	0.15	-0.13	-6.05e-04	0.0	-2.00e-05
37	22	0.10	-0.01	-0.16	0.0	8.30e-04	-3.75e-05
37	35	0.09	-8.95e-03	-0.16	0.0	8.35e-04	-3.73e-05
37	88	0.10	-0.01	-0.16	0.0	8.34e-04	-4.32e-05
37	100	-0.01	5.16e-03	-0.13	0.0	6.39e-04	-5.81e-05
37	106	0.17	-5.16e-03	-0.12	0.0	6.24e-04	-5.17e-05
37	118	0.11	-0.14	-0.12	0.0	6.18e-04	2.77e-05
37	132	-0.03	7.76e-03	-0.13	0.0	6.39e-04	-6.38e-05
37	138	0.19	-4.65e-03	-0.11	0.0	6.21e-04	-5.61e-05
37	150	0.12	-0.17	-0.12	0.0	6.14e-04	3.92e-05
38	2	7.90e-03	-0.05	-0.10	2.87e-04	0.0	7.79e-06
38	22	0.01	-0.03	-0.15	2.80e-04	0.0	5.68e-05
38	56	6.38e-03	-0.02	-0.15	2.75e-04	0.0	6.59e-05
38	102	0.09	-0.03	-0.10	2.71e-04	0.0	-4.01e-05
38	111	-0.03	0.09	-0.13	8.38e-05	0.0	1.30e-04
38	118	0.03	-0.17	-0.10	3.81e-04	0.0	1.19e-04
38	134	0.11	-0.03	-0.10	2.83e-04	0.0	-5.69e-05
38	143	-0.03	0.12	-0.13	5.88e-05	0.0	1.47e-04
38	150	0.03	-0.20	-0.10	4.13e-04	0.0	1.35e-04
39	24	9.50e-03	0.01	-0.14	-2.24e-05	0.0	5.90e-05
39	56	3.32e-03	0.02	-0.14	-3.16e-05	0.0	6.33e-05
39	67	2.95e-03	0.02	-0.14	-3.87e-05	0.0	6.85e-05
39	102	0.08	7.86e-03	-0.10	2.46e-05	0.0	-1.62e-05
39	111	-0.03	0.08	-0.12	-1.13e-04	0.0	1.03e-04
39	119	-0.02	0.11	-0.12	-1.42e-04	0.0	-1.85e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
39	134	0.10	7.18e-03	-0.09	3.32e-05	0.0	-2.84e-05
39	143	-0.03	0.09	-0.12	-1.32e-04	0.0	1.15e-04
39	151	-0.03	0.12	-0.12	-1.67e-04	0.0	-3.12e-05
40	22	0.01	0.01	-0.14	5.31e-05	0.0	1.01e-04
40	56	3.87e-03	0.02	-0.15	4.11e-05	0.0	1.08e-04
40	67	3.24e-03	0.02	-0.15	3.20e-05	0.0	1.15e-04
40	102	0.09	5.27e-03	-0.10	9.88e-05	0.0	5.23e-06
40	111	-0.03	0.09	-0.12	-9.65e-05	0.0	1.46e-04
40	119	-0.03	0.12	-0.12	-1.35e-04	0.0	0.0
40	134	0.10	4.20e-03	-0.10	1.11e-04	0.0	-9.20e-06
40	143	-0.03	0.11	-0.12	-1.23e-04	0.0	1.60e-04
40	151	-0.03	0.15	-0.12	-1.69e-04	0.0	-1.42e-05
41	24	8.15e-03	0.02	-0.14	-8.36e-05	0.0	6.96e-05
41	56	1.90e-03	0.03	-0.15	-9.67e-05	0.0	7.53e-05
41	65	1.53e-03	0.03	-0.14	-1.06e-04	0.0	8.15e-05
41	102	0.08	9.38e-03	-0.10	-2.51e-05	0.0	-1.20e-05
41	119	-0.03	0.11	-0.12	-1.83e-04	0.0	7.69e-05
41	134	0.10	7.58e-03	-0.10	-1.70e-05	0.0	-2.51e-05
41	151	-0.03	0.12	-0.12	-2.06e-04	0.0	8.18e-05
42	21	0.02	-6.51e-03	-0.15	5.79e-06	-6.37e-05	3.12e-05
42	35	0.01	-3.14e-03	-0.16	7.97e-06	-7.28e-05	2.71e-05
42	100	-0.06	9.33e-03	-0.12	2.49e-05	-7.66e-05	-4.03e-06
42	106	0.09	1.09e-03	-0.11	8.47e-06	-2.75e-05	0.0
42	118	0.05	-0.12	-0.12	3.05e-05	-4.95e-05	7.56e-05
42	132	-0.07	0.01	-0.13	2.88e-05	-8.20e-05	-9.31e-06
42	138	0.11	2.01e-03	-0.11	9.03e-06	-2.32e-05	-5.62e-06
42	150	0.05	-0.14	-0.12	3.54e-05	-4.95e-05	8.64e-05
43	47	-0.01	0.10	-0.16	1.33e-04	0.0	2.30e-05
43	55	-9.64e-03	0.11	-0.16	1.24e-04	0.0	3.02e-05
43	67	-0.01	0.11	-0.16	1.16e-04	0.0	3.39e-05
43	95	-0.10	0.12	-0.12	4.56e-05	0.0	-4.75e-06
43	119	-0.02	0.19	-0.13	-5.40e-05	0.0	-5.25e-05
43	123	-0.01	0.18	-0.13	-5.26e-05	0.0	-2.28e-05
43	127	-0.12	0.13	-0.12	3.39e-05	0.0	-9.54e-06
43	151	-0.02	0.21	-0.13	-8.56e-05	0.0	-6.69e-05
43	155	-0.02	0.20	-0.13	-8.39e-05	0.0	-3.12e-05
44	2	7.38e-03	-0.08	-0.10	4.65e-04	0.0	-2.59e-05
44	47	-0.01	0.02	-0.16	1.03e-03	0.0	1.33e-05
44	55	-8.62e-03	0.03	-0.16	1.02e-03	0.0	2.11e-05
44	95	-0.10	0.07	-0.12	7.53e-04	0.0	-1.56e-05
44	119	-0.02	0.15	-0.13	6.93e-04	0.0	-6.90e-05
44	123	-0.01	0.14	-0.13	6.94e-04	0.0	-3.62e-05
44	127	-0.12	0.08	-0.12	7.47e-04	0.0	-2.10e-05
44	151	-0.02	0.17	-0.13	6.75e-04	0.0	-8.51e-05
44	155	-0.02	0.16	-0.13	6.76e-04	0.0	-4.57e-05
45	2	0.01	8.09e-03	-0.05	-5.15e-04	3.56e-05	9.37e-05
45	21	0.04	1.39e-03	-0.10	-5.08e-04	3.56e-05	1.24e-04
45	76	0.03	2.47e-03	-0.11	-5.01e-04	4.00e-05	1.16e-04
45	101	0.12	0.06	-0.07	-4.06e-04	4.03e-05	7.75e-05
45	119	-0.03	0.12	-0.06	-4.22e-04	2.97e-05	3.78e-05
45	120	0.03	-0.08	-0.10	-3.48e-04	1.60e-05	1.25e-04
45	133	0.14	0.07	-0.06	-4.09e-04	4.26e-05	7.43e-05
45	151	-0.04	0.14	-0.06	-4.29e-04	2.97e-05	2.65e-05
45	152	0.03	-0.10	-0.11	-3.40e-04	1.39e-05	1.31e-04
46	2	1.93e-03	-0.02	-0.10	9.79e-05	0.0	-7.34e-06
46	45	-0.02	7.64e-03	-0.16	-3.24e-05	0.0	2.37e-05
46	55	-0.01	0.01	-0.16	-4.04e-05	0.0	2.99e-05
46	95	-0.10	0.03	-0.12	-2.72e-05	-2.95e-06	3.40e-06
46	117	0.03	0.07	-0.12	-5.71e-05	3.77e-06	-7.53e-06
46	119	-0.02	0.08	-0.12	-5.37e-05	1.03e-06	-2.98e-05
46	127	-0.12	0.04	-0.12	-2.78e-05	-3.50e-06	0.0
46	149	0.04	0.09	-0.12	-6.35e-05	4.36e-06	-1.31e-05
46	151	-0.02	0.09	-0.12	-5.95e-05	1.12e-06	-3.99e-05
47	2	4.36e-03	-0.21	-0.11	1.11e-03	0.0	-5.00e-04
47	47	-0.02	-0.17	-0.16	1.79e-03	0.0	-3.95e-04
47	55	-0.01	-0.16	-0.17	1.78e-03	0.0	-3.90e-04
47	95	-0.10	-0.08	-0.12	1.33e-03	0.0	-3.19e-04
47	117	0.03	6.79e-04	-0.13	1.27e-03	0.0	-2.39e-04
47	118	2.72e-03	-0.27	-0.12	1.50e-03	0.0	-3.37e-04
47	127	-0.12	-0.07	-0.12	1.32e-03	0.0	-3.23e-04
47	149	0.04	0.03	-0.13	1.24e-03	0.0	-2.26e-04
47	150	4.78e-03	-0.30	-0.12	1.52e-03	0.0	-3.43e-04
48	45	-0.02	0.07	-0.16	-4.81e-04	0.0	-1.12e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
48	55	-0.01	0.07	-0.16	-4.90e-04	0.0	-4.95e-06
48	67	-0.01	0.08	-0.16	-4.94e-04	0.0	-1.98e-06
48	95	-0.10	0.08	-0.12	-4.28e-04	0.0	-2.50e-05
48	117	0.03	0.13	-0.12	-5.17e-04	0.0	-3.74e-05
48	119	-0.02	0.14	-0.12	-5.28e-04	0.0	-6.24e-05
48	127	-0.12	0.09	-0.12	-4.40e-04	0.0	-2.86e-05
48	149	0.04	0.15	-0.13	-5.47e-04	0.0	-4.35e-05
48	151	-0.02	0.16	-0.12	-5.60e-04	0.0	-7.36e-05
49	35	-0.03	-5.75e-03	-0.16	0.0	-2.87e-04	9.43e-05
49	47	-0.03	-4.97e-03	-0.16	0.0	-2.86e-04	9.28e-05
49	88	-0.02	-9.10e-03	-0.16	0.0	-2.80e-04	8.77e-05
49	100	-0.09	7.44e-03	-0.13	0.0	-2.89e-04	4.49e-05
49	107	-0.10	-9.25e-03	-0.12	0.0	-2.93e-04	9.53e-05
49	118	0.02	-0.12	-0.12	0.0	-1.79e-04	1.29e-04
49	132	-0.11	0.01	-0.13	0.0	-3.04e-04	3.92e-05
49	139	-0.12	-0.01	-0.12	0.0	-3.08e-04	9.99e-05
49	150	0.02	-0.15	-0.12	0.0	-1.72e-04	1.40e-04
50	35	-0.04	-7.63e-03	-0.16	0.0	1.50e-04	1.22e-04
50	47	-0.04	-6.89e-03	-0.16	0.0	1.49e-04	1.21e-04
50	88	-0.03	-0.01	-0.16	0.0	1.56e-04	1.16e-04
50	100	-0.11	6.07e-03	-0.13	0.0	8.46e-05	6.35e-05
50	107	-0.12	-0.01	-0.12	0.0	8.76e-05	1.16e-04
50	118	0.01	-0.13	-0.12	0.0	1.31e-04	1.58e-04
50	132	-0.13	8.67e-03	-0.13	0.0	7.79e-05	5.74e-05
50	139	-0.13	-0.01	-0.13	0.0	8.15e-05	1.20e-04
50	150	0.02	-0.16	-0.12	0.0	1.33e-04	1.71e-04
51	2	0.05	-6.35e-03	-0.10	0.0	3.41e-04	-3.15e-06
51	35	0.02	-8.47e-03	-0.16	0.0	5.94e-04	7.11e-05
51	88	0.02	-0.01	-0.16	0.0	5.96e-04	6.48e-05
51	100	-0.07	5.50e-03	-0.13	0.0	4.45e-04	2.53e-05
51	106	0.11	-4.38e-03	-0.12	0.0	4.58e-04	3.09e-05
51	118	0.05	-0.14	-0.12	0.0	4.47e-04	1.11e-04
51	132	-0.09	8.10e-03	-0.13	0.0	4.43e-04	1.96e-05
51	138	0.13	-3.78e-03	-0.11	0.0	4.58e-04	2.63e-05
51	150	0.06	-0.17	-0.12	0.0	4.45e-04	1.23e-04
52	2	0.01	-0.01	-0.09	1.51e-04	2.98e-05	-1.96e-05
52	55	-4.06e-03	-6.21e-03	-0.15	7.11e-05	2.56e-05	2.95e-05
52	87	1.54e-03	-0.01	-0.15	7.45e-05	2.60e-05	1.73e-05
52	95	-0.09	0.05	-0.12	4.30e-05	8.55e-06	0.0
52	118	5.41e-03	-0.11	-0.10	9.62e-05	4.28e-05	7.57e-05
52	123	-7.49e-03	0.08	-0.12	2.07e-05	-3.38e-06	-1.41e-05
52	127	-0.11	0.06	-0.12	4.02e-05	6.30e-06	-3.20e-06
52	150	6.87e-03	-0.13	-0.10	1.03e-04	4.72e-05	8.71e-05
52	155	-8.69e-03	0.10	-0.13	1.33e-05	-8.09e-06	-2.10e-05
53	2	0.02	-0.11	-0.10	3.83e-04	0.0	-5.40e-04
53	55	6.35e-03	-0.09	-0.16	6.67e-04	0.0	-3.64e-04
53	94	0.10	-0.15	-0.11	5.52e-04	0.0	-3.24e-04
53	118	0.02	-0.23	-0.10	6.10e-04	0.0	-4.17e-04
53	123	-5.75e-03	0.05	-0.13	4.25e-04	0.0	-1.54e-04
53	126	0.12	-0.16	-0.11	5.59e-04	0.0	-3.31e-04
53	150	0.02	-0.26	-0.10	6.28e-04	0.0	-4.42e-04
53	155	-8.34e-03	0.08	-0.13	4.08e-04	0.0	-1.27e-04
54	22	8.95e-03	0.03	-0.14	-7.73e-06	0.0	1.21e-04
54	56	2.08e-03	0.04	-0.15	-2.17e-05	0.0	1.27e-04
54	67	1.47e-03	0.04	-0.15	-3.19e-05	0.0	1.35e-04
54	102	0.08	0.01	-0.10	3.27e-05	0.0	2.13e-05
54	119	-0.03	0.13	-0.12	-1.27e-04	0.0	1.21e-05
54	134	0.10	0.01	-0.10	4.08e-05	0.0	6.91e-06
54	151	-0.03	0.15	-0.13	-1.51e-04	0.0	-4.10e-06
55	2	0.01	-0.02	-0.09	7.67e-05	0.0	-9.50e-05
55	55	-4.63e-03	0.02	-0.15	-1.96e-04	0.0	1.47e-04
55	95	-0.09	0.07	-0.12	-1.27e-04	0.0	9.84e-05
55	119	-0.01	0.13	-0.12	-2.47e-04	0.0	1.28e-04
55	123	-9.65e-03	0.11	-0.13	-2.52e-04	0.0	1.47e-04
55	127	-0.11	0.08	-0.12	-1.23e-04	0.0	9.64e-05
55	151	-0.01	0.15	-0.13	-2.67e-04	0.0	1.32e-04
55	155	-0.01	0.13	-0.13	-2.73e-04	0.0	1.54e-04
56	2	0.01	-0.04	-0.10	1.72e-04	0.0	-2.21e-04
56	55	-3.37e-03	0.02	-0.15	1.52e-04	0.0	1.70e-04
56	95	-0.09	0.08	-0.12	1.29e-04	0.0	1.34e-04
56	119	-0.01	0.15	-0.13	3.51e-05	0.0	1.78e-04
56	123	-0.01	0.12	-0.13	3.18e-05	0.0	1.89e-04
56	127	-0.11	0.09	-0.12	1.32e-04	0.0	1.36e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
56	151	-0.01	0.17	-0.13	1.86e-05	0.0	1.88e-04
56	155	-0.01	0.14	-0.13	1.47e-05	0.0	2.02e-04
57	2	0.02	-0.07	-0.10	3.10e-04	0.0	-3.97e-04
57	55	1.67e-03	-0.03	-0.16	5.20e-04	0.0	-9.49e-05
57	94	0.10	-0.09	-0.11	4.35e-04	0.0	-1.06e-04
57	118	0.01	-0.16	-0.10	4.87e-04	0.0	-1.78e-04
57	123	-8.05e-03	0.09	-0.13	3.20e-04	0.0	2.45e-05
57	126	0.11	-0.11	-0.11	4.41e-04	0.0	-1.12e-04
57	150	0.02	-0.19	-0.10	5.03e-04	0.0	-1.97e-04
57	155	-0.01	0.12	-0.13	3.05e-04	0.0	4.53e-05
58	24	0.05	-9.75e-03	-0.10	9.09e-05	-6.23e-05	5.42e-05
58	35	0.03	-6.44e-03	-0.11	9.28e-05	-6.64e-05	5.02e-05
58	101	0.13	0.06	-0.06	5.61e-05	-3.63e-05	2.85e-05
58	118	0.08	-0.14	-0.10	1.05e-04	-5.04e-05	8.40e-05
58	120	0.03	-0.11	-0.11	1.14e-04	-6.16e-05	6.29e-05
58	133	0.15	0.07	-0.06	5.33e-05	-3.38e-05	2.62e-05
58	150	0.09	-0.17	-0.10	1.12e-04	-5.01e-05	9.29e-05
58	152	0.03	-0.13	-0.11	1.22e-04	-6.36e-05	6.75e-05
59	2	0.02	7.66e-03	-0.05	3.24e-05	0.0	7.62e-06
59	24	0.05	-2.66e-03	-0.10	2.65e-05	3.16e-06	3.80e-05
59	35	0.04	9.11e-04	-0.11	2.84e-05	-1.18e-06	3.38e-05
59	101	0.13	0.06	-0.06	7.84e-06	8.43e-06	1.67e-05
59	118	0.08	-0.13	-0.09	5.22e-05	0.0	6.95e-05
59	120	0.04	-0.10	-0.10	6.07e-05	-1.10e-05	4.86e-05
59	133	0.15	0.08	-0.06	5.29e-06	1.01e-05	1.45e-05
59	150	0.10	-0.16	-0.10	5.82e-05	0.0	7.81e-05
59	152	0.04	-0.12	-0.11	6.84e-05	-1.29e-05	5.29e-05
60	2	0.02	9.82e-03	-0.04	-3.79e-05	7.13e-05	-1.83e-06
60	22	0.05	-1.33e-03	-0.10	-4.41e-05	7.51e-05	3.03e-05
60	35	0.03	2.49e-03	-0.11	-4.19e-05	7.09e-05	2.58e-05
60	101	0.13	0.06	-0.06	-4.77e-05	6.63e-05	7.72e-06
60	119	-0.02	0.13	-0.06	-6.71e-05	5.56e-05	-2.85e-05
60	120	0.04	-0.09	-0.10	1.01e-05	4.50e-05	4.83e-05
60	133	0.15	0.08	-0.06	-5.06e-05	6.85e-05	4.99e-06
60	151	-0.03	0.15	-0.06	-7.38e-05	5.51e-05	-3.85e-05
60	152	0.04	-0.11	-0.11	1.85e-05	4.32e-05	5.38e-05
61	47	-0.02	0.06	-0.15	-1.34e-04	-5.11e-05	-2.30e-05
61	56	-7.15e-03	0.06	-0.16	-1.39e-04	-4.34e-05	-1.54e-05
61	65	-8.61e-03	0.07	-0.15	-1.52e-04	-4.98e-05	-1.15e-05
61	95	-0.09	0.08	-0.12	-1.24e-04	-5.89e-05	-3.41e-05
61	119	-0.04	0.16	-0.13	-1.53e-04	-6.22e-05	-7.19e-05
61	123	-0.04	0.16	-0.13	-1.52e-04	-6.09e-05	-4.81e-05
61	127	-0.11	0.09	-0.12	-1.29e-04	-6.40e-05	-3.78e-05
61	151	-0.04	0.18	-0.13	-1.63e-04	-6.79e-05	-8.33e-05
61	155	-0.04	0.18	-0.13	-1.62e-04	-6.64e-05	-5.47e-05
62	2	6.06e-03	-0.02	-0.09	1.99e-04	0.0	5.90e-05
62	22	0.01	-2.92e-03	-0.14	1.84e-04	0.0	9.98e-05
62	56	5.41e-03	5.03e-03	-0.15	1.75e-04	0.0	1.10e-04
62	102	0.09	-8.60e-03	-0.10	1.96e-04	0.0	-1.01e-06
62	111	-0.03	0.10	-0.12	1.19e-05	0.0	1.54e-04
62	118	0.03	-0.14	-0.10	3.04e-04	0.0	1.52e-04
62	134	0.11	-0.01	-0.10	2.07e-04	0.0	-1.67e-05
62	143	-0.03	0.12	-0.13	-1.28e-05	0.0	1.70e-04
62	150	0.04	-0.17	-0.10	3.36e-04	0.0	1.67e-04
63	45	-0.04	0.02	-0.09	1.04e-03	3.60e-05	5.48e-05
63	55	-0.03	0.03	-0.10	1.03e-03	3.91e-05	6.17e-05
63	66	-0.04	0.03	-0.09	1.03e-03	4.15e-05	6.49e-05
63	95	-0.12	0.03	-0.07	7.87e-04	2.78e-05	2.83e-05
63	113	-0.05	0.10	-0.09	7.45e-04	5.23e-05	1.06e-04
63	115	-0.09	0.12	-0.09	7.51e-04	4.49e-05	1.27e-04
63	127	-0.14	0.03	-0.07	7.84e-04	2.78e-05	2.52e-05
63	145	-0.05	0.12	-0.09	7.34e-04	5.71e-05	1.19e-04
63	147	-0.11	0.14	-0.09	7.40e-04	4.83e-05	1.44e-04
64	21	0.01	0.01	-0.12	-1.03e-04	3.96e-05	0.0
64	56	7.74e-03	0.02	-0.12	-1.21e-04	4.36e-05	0.0
64	67	8.10e-03	0.02	-0.12	-1.22e-04	4.00e-05	0.0
64	106	0.08	1.05e-03	-0.08	-4.94e-05	4.08e-05	0.0
64	111	-9.86e-03	0.07	-0.10	-1.31e-04	2.59e-05	0.0
64	119	-0.03	0.10	-0.10	-1.31e-04	2.83e-05	0.0
64	138	0.10	-9.36e-04	-0.08	-4.30e-05	4.28e-05	0.0
64	143	-0.01	0.08	-0.10	-1.40e-04	2.50e-05	0.0
64	151	-0.03	0.11	-0.10	-1.41e-04	2.78e-05	0.0
65	2	0.01	-0.01	-0.10	1.10e-04	1.69e-05	-1.60e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
65	55	-5.93e-03	-3.40e-03	-0.15	-5.54e-06	1.62e-05	2.80e-05
65	95	-0.09	0.04	-0.12	-1.56e-05	3.85e-06	0.0
65	118	4.23e-03	-0.10	-0.11	4.14e-05	2.78e-05	7.15e-05
65	123	-9.18e-03	0.08	-0.12	-3.91e-05	-3.54e-06	-1.28e-05
65	127	-0.11	0.05	-0.12	-1.86e-05	2.25e-06	-3.12e-06
65	150	5.73e-03	-0.12	-0.10	4.92e-05	3.07e-05	8.23e-05
65	155	-0.01	0.09	-0.12	-4.70e-05	-6.70e-06	-1.91e-05
66	2	0.02	-0.19	-0.10	6.16e-04	0.0	-3.32e-04
66	55	1.04e-03	-0.15	-0.16	1.17e-03	0.0	-2.59e-04
66	94	0.10	-0.20	-0.12	9.41e-04	0.0	-2.02e-04
66	118	0.01	-0.28	-0.11	1.00e-03	0.0	-2.43e-04
66	123	-9.51e-03	0.02	-0.13	8.06e-04	0.0	-1.48e-04
66	126	0.11	-0.21	-0.11	9.46e-04	0.0	-2.01e-04
66	150	0.02	-0.32	-0.11	1.02e-03	0.0	-2.50e-04
66	155	-0.01	0.04	-0.13	7.88e-04	0.0	-1.37e-04
67	2	0.05	-9.19e-03	-0.10	0.0	3.55e-04	-1.66e-05
67	35	9.66e-03	-0.01	-0.16	0.0	6.54e-04	1.30e-05
67	88	0.02	-0.01	-0.16	0.0	6.56e-04	7.75e-06
67	102	0.10	7.81e-03	-0.11	0.0	4.91e-04	-4.58e-05
67	104	-0.08	-0.07	-0.13	0.0	5.20e-04	2.58e-05
67	118	0.04	-0.14	-0.12	0.0	5.08e-04	6.58e-05
67	134	0.12	0.01	-0.11	0.0	4.88e-04	-5.74e-05
67	136	-0.10	-0.08	-0.13	0.0	5.23e-04	2.88e-05
67	150	0.05	-0.17	-0.12	0.0	5.07e-04	7.67e-05
68	35	-0.05	-8.51e-03	-0.16	0.0	1.53e-04	2.17e-05
68	47	-0.05	-7.79e-03	-0.16	0.0	1.52e-04	2.06e-05
68	88	-0.04	-0.01	-0.16	0.0	1.59e-04	1.67e-05
68	103	-0.12	-0.02	-0.12	0.0	8.34e-05	7.74e-05
68	104	-0.12	-0.06	-0.13	0.0	8.69e-05	3.36e-05
68	118	-9.49e-03	-0.13	-0.12	0.0	1.35e-04	7.56e-05
68	135	-0.14	-0.03	-0.13	0.0	7.61e-05	8.94e-05
68	136	-0.14	-0.08	-0.13	0.0	8.00e-05	3.67e-05
68	150	-5.04e-03	-0.16	-0.12	0.0	1.38e-04	8.72e-05
69	35	-0.03	-6.38e-03	-0.16	0.0	-3.21e-04	2.20e-05
69	47	-0.03	-5.63e-03	-0.16	0.0	-3.21e-04	2.10e-05
69	86	-0.03	-9.75e-03	-0.15	0.0	-3.15e-04	1.57e-05
69	104	-0.10	-0.06	-0.12	0.0	-3.17e-04	3.32e-05
69	108	-0.10	-0.07	-0.12	0.0	-3.23e-04	6.75e-05
69	118	-1.50e-03	-0.12	-0.12	0.0	-2.28e-04	7.37e-05
69	136	-0.12	-0.07	-0.13	0.0	-3.32e-04	3.62e-05
69	140	-0.12	-0.09	-0.13	0.0	-3.39e-04	7.75e-05
69	150	2.53e-03	-0.15	-0.12	0.0	-2.23e-04	8.49e-05
70	2	0.02	-6.59e-03	-0.02	6.83e-05	5.89e-04	7.92e-05
70	21	8.68e-03	-0.02	-0.08	6.21e-05	5.73e-04	1.12e-04
70	35	9.38e-04	-0.01	-0.08	6.32e-05	5.72e-04	1.08e-04
70	94	0.09	-0.08	-0.05	4.39e-05	4.57e-04	1.03e-04
70	118	0.01	-0.13	-0.04	7.80e-05	4.53e-04	1.39e-04
70	123	-2.56e-03	0.08	-0.08	1.32e-05	4.28e-04	5.22e-05
70	126	0.11	-0.10	-0.05	4.30e-05	4.60e-04	1.06e-04
70	150	0.01	-0.16	-0.04	8.37e-05	4.55e-04	1.50e-04
70	155	-3.74e-03	0.10	-0.08	6.40e-06	4.26e-04	4.57e-05
71	21	0.02	-7.67e-03	-0.15	8.83e-06	-7.36e-05	2.97e-05
71	35	0.01	-4.33e-03	-0.16	1.02e-05	-8.28e-05	2.57e-05
71	104	-0.06	-0.06	-0.12	6.83e-06	-8.27e-05	3.53e-05
71	106	0.09	1.45e-04	-0.11	2.15e-05	-3.33e-05	-2.01e-06
71	118	0.04	-0.12	-0.11	3.23e-05	-5.34e-05	7.35e-05
71	136	-0.08	-0.07	-0.12	6.57e-06	-8.77e-05	3.83e-05
71	138	0.10	1.06e-03	-0.11	2.42e-05	-2.85e-05	-6.66e-06
71	150	0.04	-0.14	-0.11	3.71e-05	-5.24e-05	8.41e-05
72	22	9.67e-03	0.02	-0.14	1.74e-04	0.0	2.02e-04
72	56	2.05e-03	0.03	-0.15	1.65e-04	0.0	2.08e-04
72	67	1.25e-03	0.04	-0.15	1.54e-04	0.0	2.16e-04
72	102	0.09	3.07e-03	-0.10	1.85e-04	0.0	1.25e-04
72	111	-0.03	0.11	-0.12	4.84e-06	0.0	3.65e-05
72	119	-0.03	0.14	-0.12	-2.19e-05	0.0	7.14e-06
72	134	0.10	3.11e-04	-0.10	1.96e-04	0.0	1.19e-04
72	151	-0.03	0.16	-0.13	-5.24e-05	0.0	-2.21e-05
73	22	0.10	-0.02	-0.15	0.0	8.71e-04	8.53e-05
73	35	0.09	-0.02	-0.16	0.0	8.76e-04	7.36e-05
73	88	0.10	-0.02	-0.16	0.0	8.74e-04	7.27e-05
73	94	0.17	-0.08	-0.11	0.0	6.65e-04	8.41e-05
73	107	-0.02	-0.02	-0.13	0.0	6.68e-04	8.07e-06
73	118	0.10	-0.15	-0.11	0.0	6.90e-04	1.18e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
73	126	0.19	-0.10	-0.11	0.0	6.65e-04	8.86e-05
73	139	-0.04	-0.02	-0.13	0.0	6.67e-04	-2.74e-06
73	150	0.11	-0.18	-0.11	0.0	6.94e-04	1.30e-04
74	2	0.05	-0.01	-0.10	0.0	3.57e-04	-1.68e-06
74	35	0.01	-0.01	-0.16	0.0	6.14e-04	-2.22e-05
74	86	0.02	-0.02	-0.15	0.0	6.14e-04	-2.19e-05
74	94	0.11	-0.08	-0.11	0.0	4.82e-04	6.71e-06
74	107	-0.08	-0.01	-0.13	0.0	4.60e-04	1.16e-05
74	118	0.04	-0.14	-0.11	0.0	4.88e-04	4.23e-05
74	126	0.13	-0.09	-0.11	0.0	4.84e-04	1.05e-05
74	139	-0.09	-0.01	-0.13	0.0	4.57e-04	1.64e-05
74	150	0.04	-0.17	-0.11	0.0	4.92e-04	5.31e-05
75	35	-0.04	-9.42e-03	-0.16	0.0	1.56e-04	-6.71e-05
75	47	-0.04	-8.73e-03	-0.16	0.0	1.55e-04	-6.75e-05
75	86	-0.04	-0.01	-0.15	0.0	1.60e-04	-6.93e-05
75	95	-0.12	0.06	-0.12	0.0	9.00e-05	-7.01e-05
75	107	-0.11	-0.01	-0.13	0.0	9.09e-05	-1.05e-04
75	118	-6.62e-03	-0.13	-0.11	0.0	1.34e-04	1.47e-05
75	127	-0.14	0.07	-0.12	0.0	8.35e-05	-7.46e-05
75	139	-0.13	-0.01	-0.13	0.0	8.48e-05	-1.16e-04
75	150	-2.00e-03	-0.16	-0.11	0.0	1.36e-04	2.74e-05
76	35	-0.03	-7.04e-03	-0.16	0.0	-2.89e-04	-3.46e-05
76	47	-0.03	-6.30e-03	-0.15	0.0	-2.88e-04	-3.51e-05
76	86	-0.03	-0.01	-0.15	0.0	-2.84e-04	-3.95e-05
76	95	-0.11	0.06	-0.12	0.0	-2.87e-04	-4.26e-05
76	107	-0.10	-0.01	-0.12	0.0	-2.89e-04	0.0
76	118	-2.97e-04	-0.13	-0.11	0.0	-2.08e-04	3.11e-05
76	127	-0.12	0.07	-0.12	0.0	-3.01e-04	-4.63e-05
76	139	-0.12	-0.01	-0.13	0.0	-3.04e-04	5.57e-06
76	150	3.92e-03	-0.15	-0.11	0.0	-2.05e-04	4.23e-05
77	2	0.02	-3.18e-03	-0.10	1.97e-05	2.60e-05	0.0
77	21	0.02	-8.75e-03	-0.15	1.63e-05	-4.61e-05	2.96e-05
77	35	8.10e-03	-5.44e-03	-0.15	1.71e-05	-5.45e-05	2.56e-05
77	94	0.09	-0.07	-0.11	9.34e-06	-1.29e-05	3.88e-05
77	107	-0.06	-9.49e-03	-0.12	-1.70e-06	-6.21e-05	4.35e-05
77	118	0.03	-0.12	-0.11	3.84e-05	-2.25e-05	7.46e-05
77	126	0.10	-0.08	-0.11	8.51e-06	-8.75e-06	4.25e-05
77	139	-0.08	-0.01	-0.12	-4.60e-06	-6.73e-05	4.81e-05
77	150	0.03	-0.14	-0.11	4.33e-05	-2.02e-05	8.55e-05
78	47	-0.02	0.09	-0.15	-2.94e-05	0.0	5.35e-05
78	56	-0.01	0.11	-0.16	-5.00e-05	0.0	6.95e-05
78	67	-0.01	0.12	-0.15	-6.82e-05	0.0	7.94e-05
78	95	-0.10	0.11	-0.12	-6.46e-05	0.0	2.18e-05
78	115	-0.05	0.20	-0.12	-1.16e-04	0.0	1.41e-04
78	121	9.60e-03	0.19	-0.12	-1.15e-04	0.0	-1.57e-05
78	127	-0.12	0.12	-0.12	-7.20e-05	0.0	1.80e-05
78	147	-0.05	0.23	-0.12	-1.34e-04	0.0	1.61e-04
78	153	0.01	0.21	-0.12	-1.33e-04	0.0	-2.72e-05
79	2	0.02	-0.02	-0.01	1.40e-05	-3.48e-05	5.72e-06
79	22	3.30e-03	-0.03	-0.07	8.05e-06	-2.78e-05	3.64e-05
79	55	-3.54e-03	-0.03	-0.08	7.16e-06	-2.85e-05	3.85e-05
79	95	-0.10	0.06	-0.07	1.07e-05	-3.20e-05	1.06e-05
79	118	5.98e-03	-0.16	-0.03	3.24e-05	-2.18e-06	7.32e-05
79	123	-6.77e-03	0.09	-0.08	-2.41e-05	-4.26e-05	0.0
79	127	-0.12	0.07	-0.07	1.15e-05	-3.39e-05	7.50e-06
79	150	7.44e-03	-0.19	-0.03	3.73e-05	1.65e-06	8.28e-05
79	155	-8.06e-03	0.11	-0.09	-3.00e-05	-4.67e-05	-5.98e-06
80	47	-0.02	0.08	-0.15	-1.78e-04	0.0	3.83e-05
80	56	-0.01	0.10	-0.15	-2.07e-04	0.0	4.87e-05
80	67	-0.01	0.11	-0.15	-2.31e-04	0.0	5.48e-05
80	95	-0.10	0.10	-0.11	-1.68e-04	0.0	9.73e-06
80	115	-0.04	0.19	-0.12	-2.13e-04	0.0	1.20e-04
80	121	0.01	0.17	-0.12	-2.17e-04	0.0	-2.96e-05
80	127	-0.12	0.11	-0.12	-1.73e-04	0.0	5.76e-06
80	147	-0.05	0.21	-0.12	-2.28e-04	0.0	1.39e-04
80	153	0.02	0.19	-0.12	-2.33e-04	0.0	-4.15e-05
81	45	-0.03	0.10	-0.15	5.95e-05	0.0	1.61e-05
81	56	-0.01	0.11	-0.15	5.00e-05	0.0	2.74e-05
81	67	-0.02	0.13	-0.15	3.86e-05	0.0	3.42e-05
81	95	-0.11	0.13	-0.11	-4.78e-06	0.0	-6.10e-06
81	115	-0.05	0.23	-0.12	-6.03e-05	0.0	1.15e-04
81	121	8.00e-03	0.20	-0.12	-4.99e-05	0.0	-4.58e-05
81	127	-0.13	0.14	-0.11	-1.41e-05	0.0	-1.00e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
81	147	-0.06	0.26	-0.12	-8.11e-05	0.0	1.35e-04
81	153	0.01	0.22	-0.12	-6.87e-05	0.0	-5.78e-05
82	16	-1.51e-03	0.08	-0.14	0.0	-9.38e-06	4.75e-05
82	45	-0.02	0.08	-0.13	0.0	-2.20e-05	3.03e-05
82	65	-0.01	0.11	-0.13	0.0	-1.88e-05	4.82e-05
82	94	0.09	0.05	-0.12	0.0	1.37e-05	5.28e-05
82	107	-0.10	0.13	-0.09	0.0	-2.91e-05	5.64e-05
82	115	-0.04	0.24	-0.09	0.0	-2.81e-05	1.10e-04
82	126	0.11	0.04	-0.12	0.0	1.84e-05	5.66e-05
82	139	-0.12	0.15	-0.09	0.0	-3.28e-05	6.10e-05
82	147	-0.05	0.28	-0.09	0.0	-3.15e-05	1.26e-04
83	22	0.15	-6.58e-03	-0.10	0.0	7.07e-04	-7.02e-04
83	24	0.15	-6.58e-03	-0.10	0.0	7.07e-04	-7.02e-04
83	35	0.13	-2.75e-03	-0.10	0.0	7.02e-04	-7.06e-04
83	101	0.20	0.06	-0.06	0.0	5.62e-04	-5.55e-04
83	118	0.15	-0.13	-0.09	0.0	5.47e-04	-4.91e-04
83	120	0.11	-0.10	-0.10	0.0	5.30e-04	-5.13e-04
83	133	0.22	0.07	-0.06	0.0	5.66e-04	-5.58e-04
83	150	0.16	-0.15	-0.09	0.0	5.49e-04	-4.80e-04
83	152	0.11	-0.12	-0.10	0.0	5.28e-04	-5.08e-04
84	22	0.20	-8.51e-03	-0.10	0.0	6.45e-06	-1.13e-03
84	24	0.20	-8.52e-03	-0.10	0.0	6.68e-06	-1.13e-03
84	35	0.18	-4.95e-03	-0.10	0.0	2.11e-06	-1.13e-03
84	101	0.24	0.06	-0.06	0.0	1.89e-05	-8.84e-04
84	118	0.19	-0.14	-0.09	0.0	7.24e-06	-8.42e-04
84	120	0.14	-0.10	-0.09	0.0	-7.95e-06	-8.17e-04
84	133	0.26	0.07	-0.06	0.0	2.22e-05	-8.86e-04
84	150	0.20	-0.16	-0.09	0.0	8.51e-06	-8.36e-04
84	152	0.14	-0.12	-0.10	0.0	-9.73e-06	-8.07e-04
85	24	0.14	-0.01	-0.10	0.0	-7.03e-04	-8.85e-04
85	35	0.13	-9.43e-03	-0.10	0.0	-7.07e-04	-8.89e-04
85	101	0.20	0.06	-0.06	0.0	-5.32e-04	-6.98e-04
85	118	0.15	-0.14	-0.09	0.0	-5.49e-04	-6.57e-04
85	120	0.10	-0.11	-0.09	0.0	-5.58e-04	-6.31e-04
85	133	0.22	0.07	-0.06	0.0	-5.30e-04	-7.01e-04
85	150	0.16	-0.17	-0.09	0.0	-5.50e-04	-6.52e-04
85	152	0.10	-0.13	-0.10	0.0	-5.61e-04	-6.20e-04
86	2	0.08	-0.02	-0.10	0.0	3.64e-04	2.81e-04
86	35	0.06	-0.02	-0.16	0.0	5.25e-04	2.49e-04
86	86	0.07	-0.02	-0.15	0.0	5.25e-04	2.49e-04
86	94	0.15	-0.09	-0.11	0.0	4.16e-04	2.64e-04
86	107	-0.03	-0.02	-0.13	0.0	3.86e-04	1.28e-04
86	118	0.07	-0.15	-0.11	0.0	4.31e-04	2.70e-04
86	126	0.16	-0.10	-0.11	0.0	4.19e-04	2.77e-04
86	139	-0.05	-0.02	-0.13	0.0	3.83e-04	1.14e-04
86	150	0.07	-0.18	-0.11	0.0	4.37e-04	2.85e-04
87	2	0.04	-0.02	-0.10	0.0	2.55e-04	1.57e-04
87	35	0.01	-0.02	-0.16	0.0	4.15e-04	4.80e-05
87	86	0.02	-0.02	-0.15	0.0	4.15e-04	4.73e-05
87	94	0.11	-0.08	-0.11	0.0	3.30e-04	1.14e-04
87	107	-0.07	-0.02	-0.13	0.0	3.04e-04	-3.34e-05
87	118	0.03	-0.14	-0.11	0.0	3.40e-04	1.14e-04
87	126	0.12	-0.10	-0.11	0.0	3.32e-04	1.28e-04
87	139	-0.09	-0.02	-0.13	0.0	3.01e-04	-4.85e-05
87	150	0.03	-0.17	-0.11	0.0	3.44e-04	1.29e-04
88	35	-0.03	-9.94e-03	-0.15	0.0	1.13e-04	-1.30e-04
88	47	-0.03	-9.25e-03	-0.15	0.0	1.12e-04	-1.30e-04
88	86	-0.02	-0.01	-0.15	0.0	1.14e-04	-1.32e-04
88	95	-0.11	0.06	-0.12	0.0	6.31e-05	-1.25e-04
88	107	-0.10	-0.01	-0.12	0.0	6.12e-05	-1.64e-04
88	118	-2.73e-03	-0.13	-0.11	0.0	8.90e-05	-3.39e-05
88	127	-0.13	0.07	-0.12	0.0	5.80e-05	-1.31e-04
88	139	-0.12	-0.01	-0.13	0.0	5.58e-05	-1.78e-04
88	150	6.35e-04	-0.16	-0.10	0.0	8.95e-05	-2.13e-05
89	21	0.02	0.03	-0.11	-5.30e-04	6.24e-06	1.79e-05
89	65	0.02	0.04	-0.11	-5.43e-04	1.83e-06	2.29e-05
89	76	0.01	0.03	-0.12	-5.12e-04	8.85e-06	9.93e-06
89	101	0.11	0.05	-0.08	-4.24e-04	1.09e-05	-1.50e-06
89	117	7.83e-03	0.10	-0.07	-4.48e-04	3.99e-06	-1.53e-05
89	122	0.07	-0.04	-0.11	-3.67e-04	1.22e-05	4.03e-05
89	133	0.13	0.06	-0.08	-4.27e-04	1.21e-05	-4.26e-06
89	149	6.81e-03	0.12	-0.06	-4.57e-04	4.16e-06	-2.09e-05
89	154	0.08	-0.06	-0.11	-3.59e-04	1.33e-05	4.61e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
90	24	0.03	0.06	-0.12	3.74e-05	-4.84e-05	1.21e-05
90	65	0.02	0.08	-0.11	1.41e-05	-5.98e-05	2.72e-05
90	76	0.02	0.04	-0.13	4.87e-05	-5.26e-05	3.21e-06
90	101	0.11	0.06	-0.08	1.54e-05	-2.80e-05	-9.91e-06
90	123	-0.04	0.16	-0.07	-3.68e-05	-5.86e-05	-3.43e-05
90	124	0.02	-0.06	-0.12	8.51e-05	-3.77e-05	7.81e-05
90	133	0.13	0.07	-0.08	1.34e-05	-2.51e-05	-1.38e-05
90	155	-0.05	0.18	-0.07	-4.93e-05	-6.16e-05	-4.31e-05
90	156	0.02	-0.09	-0.12	9.68e-05	-3.68e-05	9.20e-05
91	24	0.03	0.07	-0.12	3.67e-04	-2.25e-05	-1.73e-04
91	65	0.02	0.09	-0.11	3.46e-04	-3.23e-05	-1.65e-04
91	76	0.02	0.06	-0.13	3.76e-04	-2.25e-05	-1.81e-04
91	101	0.11	0.08	-0.09	2.69e-04	-1.64e-05	-1.52e-04
91	122	0.07	-0.05	-0.11	3.41e-04	-1.17e-05	-9.15e-05
91	123	-0.04	0.17	-0.07	2.18e-04	-2.90e-05	-1.77e-04
91	133	0.13	0.08	-0.09	2.67e-04	-1.56e-05	-1.56e-04
91	154	0.08	-0.07	-0.12	3.53e-04	-1.02e-05	-8.28e-05
91	155	-0.05	0.19	-0.06	2.06e-04	-3.05e-05	-1.85e-04
92	45	-0.01	0.08	-0.12	0.0	-3.03e-05	1.90e-05
92	65	2.52e-04	0.11	-0.11	0.0	-3.35e-05	1.50e-05
92	88	3.38e-04	0.04	-0.14	0.0	-1.81e-05	-2.52e-06
92	106	0.10	-0.01	-0.11	0.0	-2.70e-06	-1.64e-05
92	110	3.25e-03	-0.10	-0.13	0.0	0.0	-5.33e-05
92	115	-3.73e-03	0.24	-0.07	0.0	-3.95e-05	8.75e-05
92	138	0.12	-0.03	-0.12	0.0	0.0	-2.11e-05
92	142	3.92e-03	-0.13	-0.13	0.0	3.97e-06	-6.54e-05
92	147	-4.61e-03	0.28	-0.06	0.0	-4.31e-05	1.04e-04
93	24	0.03	0.19	-0.12	4.10e-04	0.0	-3.08e-04
93	65	0.02	0.21	-0.11	3.84e-04	0.0	-3.00e-04
93	76	0.02	0.18	-0.13	4.23e-04	0.0	-3.17e-04
93	101	0.11	0.16	-0.08	2.96e-04	0.0	-2.54e-04
93	122	0.07	0.05	-0.11	4.17e-04	0.0	-2.01e-04
93	123	-0.04	0.25	-0.07	2.11e-04	0.0	-2.75e-04
93	133	0.13	0.17	-0.08	2.92e-04	0.0	-2.58e-04
93	154	0.08	0.03	-0.12	4.37e-04	0.0	-1.93e-04
93	155	-0.05	0.27	-0.06	1.91e-04	0.0	-2.83e-04
94	22	0.02	0.17	-0.11	-8.27e-04	0.0	-1.23e-04
94	65	0.02	0.18	-0.11	-8.51e-04	0.0	-1.16e-04
94	76	0.01	0.16	-0.12	-8.14e-04	0.0	-1.32e-04
94	101	0.11	0.16	-0.08	-6.55e-04	0.0	-1.10e-04
94	119	-0.04	0.21	-0.07	-7.35e-04	0.0	-1.48e-04
94	122	0.07	0.05	-0.11	-5.42e-04	0.0	-6.59e-05
94	133	0.13	0.17	-0.08	-6.59e-04	0.0	-1.12e-04
94	151	-0.05	0.23	-0.06	-7.54e-04	0.0	-1.59e-04
94	154	0.08	0.03	-0.11	-5.23e-04	0.0	-5.99e-05
95	16	-4.88e-03	0.04	-0.15	4.86e-06	-4.56e-06	6.93e-05
95	45	-0.02	0.04	-0.14	-4.90e-06	-1.49e-05	6.42e-05
95	65	-0.01	0.06	-0.14	-1.16e-05	-1.14e-05	7.63e-05
95	94	0.08	0.02	-0.12	2.68e-05	1.93e-05	-6.25e-06
95	103	-0.09	0.10	-0.10	-2.50e-05	-2.93e-05	1.04e-04
95	115	-0.04	0.17	-0.10	-6.04e-05	-2.48e-05	1.25e-04
95	126	0.09	0.02	-0.12	3.19e-05	2.43e-05	-1.80e-05
95	135	-0.11	0.12	-0.10	-3.02e-05	-3.39e-05	1.15e-04
95	147	-0.04	0.20	-0.10	-7.27e-05	-2.84e-05	1.40e-04
96	16	-3.27e-03	0.04	-0.15	1.09e-05	2.15e-05	1.87e-06
96	45	-0.01	0.04	-0.14	1.84e-06	1.14e-05	-2.36e-06
96	65	-7.64e-03	0.06	-0.14	-4.30e-06	1.42e-05	9.71e-06
96	94	0.07	0.02	-0.12	3.97e-05	4.71e-05	1.74e-05
96	103	-0.09	0.10	-0.10	-2.46e-05	-1.73e-05	5.71e-05
96	115	-0.03	0.16	-0.11	-6.46e-05	-3.90e-06	8.48e-05
96	126	0.09	0.02	-0.12	4.64e-05	5.38e-05	2.08e-05
96	135	-0.10	0.12	-0.10	-3.08e-05	-2.35e-05	6.85e-05
96	147	-0.04	0.19	-0.11	-7.89e-05	-7.34e-06	1.02e-04
97	2	-0.02	-1.58e-03	-0.07	-3.03e-05	-2.28e-04	3.76e-05
97	68	-2.11e-03	0.07	-0.12	-4.62e-05	-2.34e-04	7.73e-05
97	88	-9.62e-03	0.04	-0.13	-1.34e-05	-2.17e-04	6.09e-05
97	104	-0.09	0.04	-0.09	-1.68e-05	-1.94e-04	6.78e-05
97	110	-0.01	-0.07	-0.12	3.48e-05	-1.34e-04	-8.19e-06
97	115	2.22e-03	0.18	-0.07	-8.65e-05	-2.21e-04	1.38e-04
97	136	-0.11	0.04	-0.09	-1.48e-05	-1.98e-04	7.06e-05
97	142	-0.01	-0.09	-0.13	4.70e-05	-1.25e-04	-2.08e-05
97	147	3.54e-03	0.21	-0.06	-9.84e-05	-2.30e-04	1.56e-04
98	16	-0.01	0.06	-0.14	-1.55e-05	-4.37e-04	5.00e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
98	45	-0.02	0.05	-0.12	-2.32e-05	-4.54e-04	4.61e-05
98	68	-0.01	0.07	-0.13	-2.86e-05	-4.48e-04	5.53e-05
98	94	0.06	0.04	-0.11	8.97e-06	-3.13e-04	5.36e-05
98	107	-0.09	0.10	-0.08	-3.34e-05	-3.75e-04	6.02e-05
98	115	-0.03	0.18	-0.09	-6.52e-05	-3.65e-04	1.18e-04
98	126	0.07	0.04	-0.12	1.34e-05	-3.07e-04	5.70e-05
98	139	-0.11	0.11	-0.08	-3.73e-05	-3.80e-04	6.49e-05
98	147	-0.03	0.21	-0.09	-7.55e-05	-3.68e-04	1.35e-04
99	16	-0.01	0.05	-0.15	-7.60e-06	6.97e-05	2.74e-05
99	45	-0.02	0.04	-0.14	-1.08e-05	6.19e-05	2.35e-05
99	68	-0.01	0.06	-0.15	-1.35e-05	6.43e-05	3.39e-05
99	94	0.06	0.03	-0.12	1.04e-05	7.03e-05	3.51e-05
99	104	-0.09	0.03	-0.10	0.0	3.75e-05	3.28e-05
99	115	-0.03	0.16	-0.11	-4.10e-05	3.61e-05	1.05e-04
99	126	0.08	0.03	-0.12	1.33e-05	7.41e-05	3.82e-05
99	136	-0.10	0.03	-0.10	1.90e-06	3.49e-05	3.54e-05
99	147	-0.03	0.18	-0.11	-4.82e-05	3.34e-05	1.22e-04
100	16	-0.04	0.06	-0.15	-4.20e-05	7.23e-04	1.98e-04
100	45	-0.06	0.06	-0.13	-5.14e-05	7.14e-04	1.93e-04
100	65	-0.05	0.08	-0.14	-6.16e-05	7.18e-04	2.04e-04
100	95	-0.12	0.05	-0.09	-5.89e-05	5.36e-04	1.35e-04
100	102	0.05	-0.04	-0.12	-1.48e-05	5.72e-04	9.36e-05
100	115	-0.07	0.20	-0.10	-8.33e-05	5.42e-04	2.36e-04
100	126	0.07	0.03	-0.12	-6.46e-06	5.76e-04	1.70e-04
100	127	-0.14	0.06	-0.09	-6.37e-05	5.32e-04	1.31e-04
100	147	-0.08	0.24	-0.10	-9.29e-05	5.40e-04	2.53e-04
101	24	0.02	0.04	-0.14	0.0	-1.17e-04	1.81e-05
101	65	9.43e-03	0.05	-0.13	0.0	-1.26e-04	2.16e-05
101	76	7.54e-03	0.03	-0.14	0.0	-1.18e-04	1.25e-05
101	101	0.10	0.05	-0.10	0.0	-8.58e-05	1.75e-06
101	123	-0.03	0.13	-0.10	0.0	-1.07e-04	5.29e-05
101	124	-2.74e-03	-0.06	-0.11	0.0	-8.72e-05	-9.44e-06
101	133	0.11	0.05	-0.10	0.0	-8.44e-05	0.0
101	155	-0.04	0.15	-0.10	0.0	-1.09e-04	6.10e-05
101	156	-4.62e-03	-0.08	-0.11	0.0	-8.61e-05	-1.38e-05
102	22	0.03	0.03	-0.13	0.0	1.49e-05	3.85e-06
102	65	0.02	0.04	-0.13	0.0	6.71e-06	7.84e-06
102	76	0.02	0.02	-0.14	0.0	1.52e-05	-2.85e-06
102	101	0.10	0.04	-0.10	0.0	4.29e-05	-1.16e-05
102	119	-0.02	0.11	-0.10	0.0	-1.01e-05	-4.87e-05
102	124	5.97e-03	-0.06	-0.11	0.0	3.29e-06	4.99e-05
102	133	0.12	0.04	-0.10	0.0	4.99e-05	-1.42e-05
102	151	-0.03	0.13	-0.10	0.0	-1.37e-05	-5.88e-05
102	156	4.21e-03	-0.07	-0.11	0.0	1.88e-06	5.97e-05
103	24	0.02	0.04	-0.13	-4.75e-05	-2.29e-05	1.89e-04
103	65	0.02	0.05	-0.12	-7.06e-05	-3.19e-05	1.95e-04
103	76	0.01	0.03	-0.14	-3.57e-05	-2.18e-05	1.82e-04
103	101	0.10	0.05	-0.10	-5.61e-05	-8.84e-06	1.27e-04
103	122	0.06	-0.07	-0.11	5.79e-05	-9.03e-06	1.90e-04
103	123	-0.03	0.13	-0.08	-1.36e-04	-3.06e-05	9.85e-05
103	133	0.12	0.05	-0.10	-5.95e-05	-6.64e-06	1.24e-04
103	154	0.07	-0.09	-0.12	7.73e-05	-7.09e-06	1.99e-04
103	155	-0.04	0.15	-0.08	-1.55e-04	-3.26e-05	8.92e-05
104	45	-0.04	-0.22	-1.08	-5.16e-03	-4.96e-03	1.65e-03
104	76	-0.01	-0.29	-1.20	-5.78e-03	-5.57e-03	1.83e-03
104	88	-0.01	-0.30	-1.16	-5.57e-03	-5.36e-03	1.76e-03
104	95	-0.11	-0.13	-0.80	-4.11e-03	-3.95e-03	1.33e-03
104	101	0.08	-0.16	-0.87	-3.69e-03	-3.54e-03	1.15e-03
104	114	0.04	-0.37	-0.81	-4.02e-03	-3.87e-03	1.29e-03
104	127	-0.13	-0.12	-0.79	-4.14e-03	-3.98e-03	1.35e-03
104	133	0.10	-0.16	-0.88	-3.64e-03	-3.49e-03	1.14e-03
104	146	0.05	-0.40	-0.81	-4.03e-03	-3.88e-03	1.30e-03
105	45	-0.02	0.10	-0.14	-3.41e-05	0.0	1.59e-05
105	56	-0.01	0.11	-0.15	-5.91e-05	0.0	2.47e-05
105	67	-0.01	0.13	-0.15	-8.05e-05	0.0	3.01e-05
105	95	-0.10	0.11	-0.11	-7.47e-05	0.0	-6.93e-06
105	115	-0.05	0.22	-0.12	-1.33e-04	0.0	1.08e-04
105	121	9.37e-03	0.19	-0.12	-1.26e-04	0.0	-4.63e-05
105	127	-0.12	0.11	-0.11	-8.32e-05	0.0	-1.09e-05
105	147	-0.05	0.25	-0.12	-1.54e-04	0.0	1.27e-04
105	153	0.01	0.21	-0.12	-1.46e-04	0.0	-5.83e-05
106	47	-0.02	0.09	-0.15	-2.15e-04	0.0	3.60e-06
106	56	-0.01	0.10	-0.15	-2.50e-04	0.0	9.35e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
106	67	-0.01	0.11	-0.15	-2.77e-04	0.0	1.33e-05
106	95	-0.10	0.09	-0.11	-1.98e-04	0.0	-1.63e-05
106	115	-0.04	0.20	-0.12	-2.36e-04	0.0	9.41e-05
106	121	0.01	0.17	-0.12	-2.51e-04	0.0	-5.40e-05
106	127	-0.12	0.10	-0.11	-2.03e-04	0.0	-2.01e-05
106	147	-0.05	0.23	-0.12	-2.51e-04	0.0	1.13e-04
106	153	0.01	0.19	-0.12	-2.68e-04	0.0	-6.55e-05
107	45	-0.03	0.10	-0.14	6.49e-05	0.0	-7.27e-06
107	56	-0.01	0.12	-0.15	5.37e-05	0.0	-7.17e-06
107	67	-0.02	0.14	-0.15	4.18e-05	0.0	-5.94e-06
107	95	-0.11	0.10	-0.11	-1.59e-06	0.0	-2.62e-05
107	105	0.08	0.08	-0.12	3.34e-05	0.0	-6.01e-05
107	115	-0.05	0.24	-0.11	-5.90e-05	0.0	8.29e-05
107	127	-0.13	0.11	-0.11	-1.07e-05	0.0	-3.04e-05
107	137	0.10	0.08	-0.12	3.04e-05	0.0	-7.12e-05
107	147	-0.06	0.28	-0.11	-8.00e-05	0.0	1.01e-04
108	24	0.03	-6.18e-03	-0.14	1.94e-04	0.0	2.22e-04
108	76	0.02	-0.01	-0.14	2.06e-04	0.0	2.13e-04
108	88	0.01	-0.02	-0.14	2.14e-04	0.0	2.07e-04
108	101	0.10	0.03	-0.10	1.29e-04	0.0	1.51e-04
108	118	0.06	-0.10	-0.12	2.82e-04	0.0	2.34e-04
108	124	0.01	-0.10	-0.12	2.73e-04	0.0	2.32e-04
108	133	0.12	0.03	-0.10	1.25e-04	0.0	1.48e-04
108	150	0.07	-0.12	-0.12	3.10e-04	0.0	2.47e-04
108	156	0.01	-0.11	-0.12	2.98e-04	0.0	2.45e-04
109	21	0.03	4.71e-03	-0.15	3.65e-05	-9.71e-06	2.82e-05
109	68	0.03	9.30e-03	-0.15	3.81e-05	-1.05e-05	3.24e-05
109	76	0.02	4.50e-03	-0.16	5.03e-05	-7.12e-06	2.01e-05
109	101	0.11	0.05	-0.11	8.66e-06	4.68e-06	4.11e-06
109	119	-0.03	0.11	-0.11	-8.83e-06	0.0	-3.59e-05
109	120	0.02	-0.08	-0.13	7.99e-05	-2.36e-05	5.19e-05
109	133	0.12	0.06	-0.11	4.40e-06	6.88e-06	0.0
109	151	-0.04	0.13	-0.10	-1.66e-05	0.0	-4.72e-05
109	152	0.02	-0.09	-0.13	8.98e-05	-2.68e-05	5.84e-05
110	22	0.03	0.06	-0.16	-5.81e-04	0.0	3.09e-04
110	65	0.02	0.06	-0.16	-5.89e-04	0.0	3.27e-04
110	76	0.02	0.05	-0.16	-5.75e-04	0.0	2.94e-04
110	101	0.11	0.11	-0.11	-4.77e-04	0.0	2.57e-04
110	119	-0.03	0.19	-0.11	-5.22e-04	0.0	3.57e-04
110	120	0.01	-0.08	-0.14	-3.60e-04	0.0	1.11e-04
110	133	0.13	0.12	-0.11	-4.82e-04	0.0	2.61e-04
110	151	-0.04	0.23	-0.11	-5.37e-04	0.0	3.81e-04
110	152	0.01	-0.10	-0.14	-3.43e-04	0.0	8.67e-05
111	22	0.03	-0.03	-0.15	2.46e-04	0.0	-1.16e-04
111	76	0.02	-0.03	-0.16	2.50e-04	0.0	-1.27e-04
111	88	0.02	-0.03	-0.16	2.51e-04	0.0	-1.31e-04
111	101	0.11	0.03	-0.11	1.99e-04	0.0	-1.01e-04
111	118	0.06	-0.14	-0.13	3.11e-04	0.0	-1.13e-04
111	120	0.01	-0.11	-0.13	2.91e-04	0.0	-1.32e-04
111	133	0.12	0.04	-0.11	2.01e-04	0.0	-1.03e-04
111	150	0.07	-0.16	-0.13	3.36e-04	0.0	-1.17e-04
111	152	0.01	-0.13	-0.14	3.11e-04	0.0	-1.40e-04
112	22	0.03	-0.04	-0.15	-9.15e-05	0.0	-1.59e-04
112	76	0.02	-0.04	-0.16	-8.84e-05	0.0	-1.72e-04
112	88	0.02	-0.04	-0.16	-8.62e-05	0.0	-1.77e-04
112	101	0.11	0.03	-0.11	-6.74e-05	0.0	-1.20e-04
112	118	0.06	-0.16	-0.13	2.58e-05	0.0	-1.82e-04
112	120	0.01	-0.13	-0.13	1.16e-05	0.0	-1.93e-04
112	133	0.13	0.04	-0.11	-6.66e-05	0.0	-1.19e-04
112	150	0.07	-0.19	-0.13	4.46e-05	0.0	-1.93e-04
112	152	0.01	-0.16	-0.14	2.77e-05	0.0	-2.07e-04
113	2	-0.03	0.01	-0.07	-1.31e-05	1.37e-05	-6.18e-05
113	65	-4.43e-03	0.09	-0.10	-3.60e-05	6.20e-06	-1.93e-05
113	88	-0.01	0.05	-0.13	2.14e-06	1.70e-05	-3.39e-05
113	104	-0.10	0.05	-0.09	-3.82e-06	-2.70e-06	-6.06e-06
113	110	-0.02	-0.07	-0.13	4.86e-05	3.09e-05	-7.64e-05
113	115	7.62e-03	0.21	-0.05	-7.56e-05	-1.20e-05	5.82e-05
113	136	-0.12	0.05	-0.09	-1.82e-06	-5.03e-06	-3.22e-06
113	142	-0.02	-0.10	-0.14	6.11e-05	3.53e-05	-8.79e-05
113	147	0.01	0.24	-0.04	-8.80e-05	-1.61e-05	7.41e-05
114	2	7.36e-03	0.03	-0.10	-2.19e-04	0.0	2.85e-04
114	22	0.03	-1.17e-03	-0.16	-4.36e-04	0.0	7.40e-05
114	76	0.02	-3.25e-03	-0.16	-4.32e-04	0.0	5.99e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
114	101	0.11	0.06	-0.11	-3.62e-04	0.0	7.15e-05
114	119	-0.03	0.14	-0.11	-4.03e-04	0.0	1.54e-04
114	120	0.01	-0.11	-0.14	-2.57e-04	0.0	-4.83e-05
114	133	0.13	0.07	-0.11	-3.67e-04	0.0	7.45e-05
114	151	-0.04	0.17	-0.11	-4.16e-04	0.0	1.73e-04
114	152	0.01	-0.14	-0.14	-2.42e-04	0.0	-6.89e-05
115	2	-0.03	7.30e-03	-0.07	-6.85e-05	-3.88e-05	-3.90e-05
115	65	-2.18e-03	0.08	-0.10	-9.15e-05	-4.74e-05	2.80e-06
115	88	-0.01	0.04	-0.13	-5.37e-05	-3.56e-05	-1.35e-05
115	104	-0.10	0.05	-0.09	-4.65e-05	-4.46e-05	1.02e-05
115	110	-0.02	-0.07	-0.13	8.28e-06	-8.46e-06	-6.44e-05
115	115	0.01	0.20	-0.05	-1.21e-04	-5.43e-05	7.94e-05
115	136	-0.12	0.05	-0.09	-4.45e-05	-4.72e-05	1.31e-05
115	142	-0.03	-0.10	-0.14	2.13e-05	-3.83e-06	-7.68e-05
115	147	0.01	0.22	-0.04	-1.34e-04	-5.86e-05	9.63e-05
116	21	0.03	0.01	-0.15	1.34e-04	-2.13e-05	3.11e-05
116	68	0.02	0.02	-0.15	1.35e-04	-2.18e-05	3.56e-05
116	76	0.02	0.01	-0.15	1.52e-04	-1.76e-05	2.31e-05
116	101	0.11	0.05	-0.11	8.09e-05	-6.44e-06	7.08e-06
116	119	-0.03	0.11	-0.10	5.77e-05	-1.40e-05	-3.07e-05
116	120	0.02	-0.07	-0.13	1.63e-04	-2.48e-05	5.18e-05
116	133	0.12	0.06	-0.11	7.61e-05	-4.73e-06	4.04e-06
116	151	-0.04	0.13	-0.10	4.82e-05	-1.40e-05	-4.14e-05
116	152	0.02	-0.09	-0.13	1.75e-04	-2.64e-05	5.78e-05
117	45	-0.01	0.01	-0.14	2.42e-04	0.0	1.06e-04
117	56	-7.50e-03	0.02	-0.15	2.45e-04	0.0	1.13e-04
117	67	-7.89e-03	0.03	-0.14	2.37e-04	0.0	1.16e-04
117	103	-0.09	0.06	-0.10	1.40e-04	0.0	1.36e-04
117	105	0.07	8.69e-03	-0.11	1.82e-04	0.0	3.64e-05
117	115	-0.03	0.12	-0.11	7.55e-05	0.0	1.58e-04
117	135	-0.10	0.07	-0.10	1.30e-04	0.0	1.47e-04
117	137	0.09	8.38e-03	-0.12	1.80e-04	0.0	2.69e-05
117	147	-0.04	0.14	-0.11	5.22e-05	0.0	1.73e-04
118	2	-0.01	-0.04	-0.09	1.64e-04	0.0	1.58e-04
118	16	-5.02e-03	0.01	-0.15	1.47e-04	0.0	2.32e-04
118	45	-0.02	0.01	-0.14	1.37e-04	0.0	2.28e-04
118	103	-0.09	0.08	-0.10	7.32e-05	0.0	1.92e-04
118	105	0.07	3.34e-03	-0.12	1.02e-04	0.0	1.30e-04
118	115	-0.04	0.14	-0.11	2.37e-05	0.0	1.31e-04
118	135	-0.11	0.09	-0.10	6.59e-05	0.0	1.96e-04
118	137	0.09	2.07e-03	-0.12	1.01e-04	0.0	1.21e-04
118	147	-0.04	0.17	-0.11	6.30e-06	0.0	1.22e-04
119	16	-4.03e-03	0.03	-0.15	1.28e-04	0.0	1.20e-04
119	45	-0.02	0.03	-0.14	1.18e-04	0.0	1.16e-04
119	67	-8.28e-03	0.05	-0.14	1.13e-04	0.0	1.28e-04
119	103	-0.09	0.08	-0.10	8.39e-05	0.0	1.51e-04
119	105	0.07	0.02	-0.12	5.73e-05	0.0	4.42e-05
119	115	-0.03	0.14	-0.11	5.22e-06	0.0	1.81e-04
119	135	-0.10	0.10	-0.10	8.15e-05	0.0	1.63e-04
119	137	0.09	0.02	-0.12	4.95e-05	0.0	3.47e-05
119	147	-0.04	0.17	-0.11	-1.31e-05	0.0	1.99e-04
120	2	-0.01	-0.06	-0.09	9.74e-06	0.0	1.78e-04
120	16	-9.12e-03	-4.40e-03	-0.15	2.35e-06	0.0	2.34e-04
120	45	-0.02	-3.32e-03	-0.14	-5.47e-06	0.0	2.33e-04
120	103	-0.10	0.07	-0.10	-3.86e-05	0.0	1.90e-04
120	105	0.07	-7.93e-03	-0.12	-1.23e-05	0.0	1.23e-04
120	114	0.02	-0.15	-0.11	9.39e-05	0.0	2.30e-04
120	135	-0.11	0.08	-0.10	-4.64e-05	0.0	1.93e-04
120	137	0.09	-8.91e-03	-0.12	-1.47e-05	0.0	1.12e-04
120	146	0.03	-0.18	-0.11	1.13e-04	0.0	2.41e-04
121	24	0.02	0.11	-0.16	-9.91e-04	0.0	1.92e-04
121	65	0.02	0.12	-0.15	-1.00e-03	0.0	2.09e-04
121	76	0.02	0.10	-0.16	-9.86e-04	0.0	1.79e-04
121	101	0.11	0.14	-0.11	-7.70e-04	0.0	1.43e-04
121	119	-0.03	0.24	-0.11	-8.45e-04	0.0	1.82e-04
121	120	8.62e-03	-0.05	-0.13	-6.86e-04	0.0	8.95e-05
121	133	0.13	0.16	-0.11	-7.72e-04	0.0	1.42e-04
121	151	-0.04	0.28	-0.11	-8.60e-04	0.0	1.89e-04
121	152	7.74e-03	-0.08	-0.14	-6.72e-04	0.0	7.84e-05
122	22	0.03	-0.04	-0.15	3.79e-04	0.0	-4.37e-05
122	76	0.02	-0.04	-0.16	3.87e-04	0.0	-5.36e-05
122	88	0.02	-0.05	-0.15	3.89e-04	0.0	-5.80e-05
122	101	0.11	0.01	-0.11	2.94e-04	0.0	-4.77e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
122	118	0.06	-0.14	-0.13	4.69e-04	0.0	-5.89e-05
122	120	0.01	-0.12	-0.13	4.41e-04	0.0	-8.07e-05
122	133	0.12	0.02	-0.11	2.95e-04	0.0	-5.03e-05
122	150	0.07	-0.17	-0.13	5.05e-04	0.0	-6.37e-05
122	152	0.01	-0.14	-0.13	4.71e-04	0.0	-8.99e-05
123	22	0.03	-0.06	-0.15	-1.89e-04	0.0	-5.33e-05
123	76	0.02	-0.06	-0.16	-1.84e-04	0.0	-6.51e-05
123	88	0.02	-0.06	-0.16	-1.80e-04	0.0	-7.10e-05
123	101	0.11	9.35e-03	-0.11	-1.46e-04	0.0	-5.06e-05
123	118	0.06	-0.18	-0.13	3.01e-06	0.0	-7.28e-05
123	120	0.01	-0.15	-0.13	-1.76e-05	0.0	-9.29e-05
123	133	0.13	0.02	-0.11	-1.46e-04	0.0	-5.23e-05
123	150	0.07	-0.20	-0.13	3.24e-05	0.0	-7.88e-05
123	152	0.01	-0.18	-0.13	7.69e-06	0.0	-1.03e-04
124	2	4.10e-03	0.07	-0.10	-3.56e-04	0.0	1.31e-04
124	24	0.03	0.01	-0.16	-7.57e-04	0.0	5.44e-05
124	76	0.02	6.27e-03	-0.16	-7.52e-04	0.0	4.17e-05
124	101	0.11	0.07	-0.11	-5.89e-04	0.0	3.64e-05
124	119	-0.03	0.16	-0.11	-6.79e-04	0.0	8.08e-05
124	120	0.01	-0.12	-0.13	-4.96e-04	0.0	-1.79e-05
124	133	0.13	0.08	-0.11	-5.90e-04	0.0	3.54e-05
124	151	-0.04	0.19	-0.10	-6.97e-04	0.0	8.85e-05
124	152	9.36e-03	-0.14	-0.14	-4.80e-04	0.0	-2.95e-05
125	21	0.03	0.02	-0.15	1.56e-04	-2.09e-05	3.51e-05
125	67	0.02	0.02	-0.15	1.51e-04	-2.39e-05	4.00e-05
125	76	0.02	0.01	-0.15	1.75e-04	-1.58e-05	2.71e-05
125	101	0.11	0.05	-0.11	9.82e-05	-1.08e-05	1.05e-05
125	119	-0.03	0.10	-0.10	6.98e-05	-1.52e-05	-2.69e-05
125	120	0.02	-0.06	-0.13	1.82e-04	-2.21e-05	5.42e-05
125	133	0.12	0.06	-0.11	9.35e-05	-9.87e-06	7.57e-06
125	151	-0.04	0.12	-0.10	5.94e-05	-1.56e-05	-3.75e-05
125	152	0.01	-0.08	-0.13	1.94e-04	-2.30e-05	6.02e-05
126	45	-0.02	0.07	-0.13	3.91e-04	0.0	2.70e-05
126	67	-7.55e-03	0.09	-0.13	3.76e-04	0.0	3.45e-05
126	76	-8.11e-03	0.05	-0.14	4.07e-04	0.0	2.18e-05
126	107	-0.10	0.10	-0.10	2.93e-04	0.0	4.64e-05
126	110	3.04e-03	-0.06	-0.11	3.80e-04	0.0	-4.53e-05
126	115	-0.02	0.18	-0.09	2.30e-04	0.0	1.12e-04
126	139	-0.12	0.11	-0.10	2.91e-04	0.0	5.16e-05
126	142	4.89e-03	-0.09	-0.11	3.96e-04	0.0	-5.88e-05
126	147	-0.02	0.20	-0.09	2.15e-04	0.0	1.30e-04
127	21	0.02	0.02	-0.12	1.02e-04	9.77e-06	0.0
127	36	9.08e-03	0.02	-0.12	1.07e-04	1.47e-05	0.0
127	67	0.02	0.02	-0.12	9.01e-05	8.87e-06	0.0
127	101	0.09	0.04	-0.09	7.19e-05	1.05e-05	0.0
127	119	-0.03	0.10	-0.09	1.97e-05	0.0	0.0
127	120	3.78e-03	-0.06	-0.09	1.32e-04	1.25e-05	0.0
127	133	0.11	0.05	-0.09	7.05e-05	1.09e-05	0.0
127	151	-0.04	0.12	-0.09	7.91e-06	0.0	0.0
127	152	2.46e-03	-0.07	-0.09	1.43e-04	1.32e-05	0.0
128	2	-3.78e-03	-0.03	-0.01	1.31e-03	2.74e-05	4.73e-06
128	45	-0.03	8.13e-03	-0.08	1.26e-03	2.39e-05	3.37e-05
128	55	-0.02	0.01	-0.08	1.26e-03	2.61e-05	4.01e-05
128	95	-0.11	0.03	-0.06	9.59e-04	1.73e-05	1.15e-05
128	113	-0.04	0.08	-0.07	9.14e-04	3.59e-05	8.75e-05
128	115	-0.09	0.08	-0.07	9.18e-04	2.94e-05	1.08e-04
128	127	-0.13	0.03	-0.06	9.56e-04	1.71e-05	8.20e-06
128	145	-0.05	0.09	-0.07	9.02e-04	3.93e-05	9.97e-05
128	147	-0.10	0.10	-0.07	9.08e-04	3.15e-05	1.25e-04
129	45	-0.02	0.07	-0.12	4.07e-04	0.0	3.97e-06
129	67	-5.18e-03	0.10	-0.12	3.94e-04	0.0	9.81e-06
129	76	-5.45e-03	0.06	-0.13	4.24e-04	0.0	2.47e-06
129	107	-0.10	0.11	-0.09	3.07e-04	0.0	2.42e-05
129	110	5.33e-03	-0.07	-0.11	3.94e-04	0.0	-4.89e-05
129	115	-0.01	0.19	-0.09	2.43e-04	0.0	8.05e-05
129	139	-0.12	0.12	-0.09	3.06e-04	0.0	2.82e-05
129	142	7.26e-03	-0.10	-0.11	4.10e-04	0.0	-5.97e-05
129	147	-0.02	0.22	-0.09	2.28e-04	0.0	9.60e-05
130	24	0.02	0.11	-0.15	-1.04e-03	0.0	-4.49e-05
130	65	0.01	0.13	-0.15	-1.05e-03	0.0	-2.72e-05
130	76	0.01	0.11	-0.16	-1.03e-03	0.0	-5.81e-05
130	101	0.10	0.15	-0.11	-8.06e-04	0.0	-4.94e-05
130	119	-0.04	0.25	-0.11	-8.86e-04	0.0	-6.14e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
130	120	6.93e-03	-0.05	-0.13	-7.18e-04	0.0	-9.27e-05
130	133	0.12	0.16	-0.11	-8.07e-04	0.0	-5.24e-05
130	151	-0.05	0.28	-0.10	-9.02e-04	0.0	0.0
130	152	6.17e-03	-0.07	-0.13	-7.04e-04	0.0	-1.04e-04
131	22	0.03	-0.04	-0.15	4.06e-04	0.0	4.58e-05
131	76	0.02	-0.05	-0.15	4.15e-04	0.0	3.68e-05
131	88	0.02	-0.05	-0.15	4.19e-04	0.0	3.20e-05
131	101	0.11	9.79e-03	-0.11	3.08e-04	0.0	1.83e-05
131	118	0.06	-0.14	-0.12	5.04e-04	0.0	8.86e-05
131	120	0.01	-0.12	-0.13	4.76e-04	0.0	6.34e-05
131	133	0.12	0.02	-0.11	3.07e-04	0.0	1.52e-05
131	150	0.07	-0.16	-0.13	5.43e-04	0.0	9.97e-05
131	152	0.01	-0.14	-0.13	5.09e-04	0.0	6.94e-05
132	2	-0.02	0.03	-0.08	-4.36e-05	8.77e-06	1.03e-04
132	65	-0.01	0.07	-0.13	-6.20e-05	-1.75e-05	1.28e-04
132	76	-0.01	0.04	-0.14	-2.47e-05	-8.60e-06	1.16e-04
132	107	-0.10	0.08	-0.10	-6.11e-05	-1.49e-05	1.15e-04
132	123	-0.05	0.15	-0.10	-9.94e-05	-1.56e-05	6.84e-05
132	124	-0.02	-0.06	-0.11	3.02e-05	-2.09e-06	1.37e-04
132	139	-0.12	0.09	-0.10	-6.70e-05	-1.63e-05	1.20e-04
132	155	-0.06	0.17	-0.10	-1.13e-04	-1.71e-05	6.36e-05
132	156	-0.02	-0.08	-0.11	4.25e-05	-1.18e-06	1.46e-04
133	2	-0.02	0.03	-0.08	0.0	-1.17e-05	4.99e-05
133	65	-7.49e-03	0.07	-0.13	0.0	-1.31e-06	7.39e-05
133	76	-7.98e-03	0.04	-0.14	0.0	0.0	7.15e-05
133	107	-0.10	0.09	-0.10	0.0	-4.05e-05	8.06e-05
133	123	-0.05	0.16	-0.10	0.0	-2.73e-05	3.38e-05
133	124	-0.01	-0.07	-0.11	0.0	5.83e-06	9.90e-05
133	139	-0.12	0.10	-0.10	0.0	-4.86e-05	8.55e-05
133	155	-0.06	0.18	-0.10	0.0	-3.25e-05	2.94e-05
133	156	-0.02	-0.09	-0.11	0.0	6.79e-06	1.08e-04
134	45	-0.03	0.09	-0.15	8.89e-05	-7.27e-06	8.91e-06
134	56	-0.01	0.11	-0.16	8.64e-05	1.60e-06	2.28e-05
134	65	-0.02	0.13	-0.15	7.79e-05	-6.70e-06	3.07e-05
134	95	-0.11	0.13	-0.11	1.84e-05	-2.13e-05	-1.07e-05
134	115	-0.05	0.23	-0.12	-3.46e-05	-1.85e-05	1.16e-04
134	121	6.64e-03	0.20	-0.12	-2.34e-05	-9.44e-06	-4.95e-05
134	127	-0.13	0.14	-0.11	8.97e-06	-2.52e-05	-1.46e-05
134	147	-0.06	0.27	-0.12	-5.49e-05	-2.18e-05	1.38e-04
134	153	0.01	0.23	-0.12	-4.14e-05	-1.10e-05	-6.13e-05
135	45	-0.03	0.09	-0.14	8.77e-05	-1.96e-05	-4.92e-06
135	56	-0.01	0.11	-0.15	8.33e-05	-1.80e-05	-4.33e-06
135	65	-0.02	0.13	-0.15	7.47e-05	-1.83e-05	-3.58e-06
135	95	-0.11	0.14	-0.11	1.80e-05	-3.00e-05	-2.26e-05
135	105	0.08	0.08	-0.12	5.12e-05	0.0	-5.87e-05
135	115	-0.05	0.25	-0.11	-3.57e-05	-2.61e-05	8.22e-05
135	127	-0.13	0.15	-0.11	9.14e-06	-3.38e-05	-2.69e-05
135	137	0.10	0.08	-0.12	4.83e-05	2.83e-06	-7.02e-05
135	147	-0.06	0.28	-0.11	-5.56e-05	-2.90e-05	9.92e-05
136	2	-0.02	0.02	-0.07	-9.50e-06	1.48e-06	-4.85e-06
136	65	2.40e-03	0.11	-0.11	-5.20e-05	-8.00e-06	1.32e-05
136	88	1.50e-03	0.03	-0.13	2.16e-05	1.40e-06	5.11e-05
136	101	0.11	0.07	-0.09	-2.80e-05	7.82e-06	-2.27e-05
136	110	-5.28e-03	-0.11	-0.12	8.07e-05	2.13e-05	9.26e-05
136	115	7.95e-03	0.23	-0.06	-1.10e-04	-2.28e-05	-1.96e-05
136	133	0.13	0.07	-0.09	-3.07e-05	9.64e-06	-3.24e-05
136	142	-6.67e-03	-0.14	-0.13	9.92e-05	2.57e-05	1.06e-04
136	147	9.11e-03	0.27	-0.05	-1.29e-04	-2.70e-05	-2.87e-05
137	2	-0.02	0.02	-0.07	-7.78e-06	1.66e-05	-5.65e-06
137	65	2.33e-03	0.11	-0.11	-4.17e-05	6.81e-06	1.70e-06
137	88	1.68e-03	0.03	-0.13	1.83e-05	2.03e-05	5.80e-05
137	101	0.11	0.07	-0.09	-2.34e-05	1.85e-05	-1.75e-05
137	110	-5.04e-03	-0.10	-0.13	7.15e-05	3.47e-05	8.84e-05
137	115	7.81e-03	0.24	-0.06	-9.32e-05	-1.32e-05	-1.86e-05
137	133	0.13	0.07	-0.09	-2.59e-05	2.01e-05	-2.61e-05
137	142	-6.39e-03	-0.13	-0.14	8.77e-05	3.95e-05	1.01e-04
137	147	8.94e-03	0.27	-0.05	-1.09e-04	-1.78e-05	-2.71e-05
138	2	-0.02	0.02	-0.07	-1.46e-05	-1.83e-06	-1.45e-05
138	65	2.15e-03	0.11	-0.11	-3.72e-05	-1.15e-05	4.40e-06
138	88	1.70e-03	0.04	-0.14	2.20e-06	0.0	2.73e-05
138	101	0.11	0.07	-0.10	-2.44e-05	6.74e-06	-2.91e-05
138	110	-4.97e-03	-0.10	-0.13	4.48e-05	2.00e-05	7.61e-05
138	115	7.65e-03	0.24	-0.05	-7.37e-05	-2.52e-05	-2.65e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
138	133	0.13	0.07	-0.10	-2.63e-05	8.71e-06	-3.80e-05
138	142	-6.30e-03	-0.13	-0.14	5.66e-05	2.45e-05	8.83e-05
138	147	8.75e-03	0.28	-0.05	-8.54e-05	-2.94e-05	-3.48e-05
139	45	-0.03	0.08	-0.15	-2.97e-05	-1.56e-05	4.71e-05
139	56	-0.01	0.09	-0.16	-3.49e-05	-9.79e-06	5.89e-05
139	65	-0.02	0.11	-0.15	-4.47e-05	-1.59e-05	5.52e-05
139	95	-0.11	0.11	-0.12	-4.85e-05	-2.86e-05	2.78e-05
139	119	-0.05	0.21	-0.13	-8.56e-05	-2.60e-05	7.08e-05
139	123	-0.05	0.21	-0.13	-8.44e-05	-2.54e-05	9.69e-05
139	127	-0.13	0.12	-0.13	-5.43e-05	-3.28e-05	2.45e-05
139	151	-0.06	0.23	-0.13	-9.89e-05	-2.98e-05	7.61e-05
139	155	-0.06	0.23	-0.13	-9.75e-05	-2.90e-05	1.07e-04
140	23	0.02	0.03	-0.13	-8.59e-06	2.17e-05	2.95e-05
140	65	0.01	0.04	-0.13	-2.54e-05	2.24e-05	3.42e-05
140	76	7.65e-03	0.02	-0.14	3.48e-06	2.37e-05	2.16e-05
140	101	0.09	0.05	-0.10	-1.57e-05	2.27e-05	6.09e-06
140	117	0.01	0.10	-0.09	-6.25e-05	2.30e-05	-8.23e-06
140	124	-8.60e-04	-0.05	-0.11	5.07e-05	1.61e-05	7.21e-05
140	133	0.11	0.05	-0.10	-1.74e-05	2.34e-05	3.09e-06
140	149	0.02	0.11	-0.09	-7.37e-05	2.34e-05	-1.41e-05
140	156	-2.48e-03	-0.07	-0.11	6.22e-05	1.58e-05	8.25e-05
141	24	0.02	-0.06	-0.15	-2.04e-04	0.0	3.58e-05
141	76	0.02	-0.06	-0.16	-1.98e-04	0.0	2.49e-05
141	88	0.01	-0.07	-0.15	-1.92e-04	0.0	1.85e-05
141	101	0.11	5.30e-03	-0.11	-1.62e-04	0.0	1.02e-05
141	118	0.06	-0.18	-0.13	3.61e-06	0.0	8.31e-05
141	120	0.01	-0.16	-0.13	-1.70e-05	0.0	5.61e-05
141	133	0.12	0.02	-0.11	-1.63e-04	0.0	6.82e-06
141	150	0.07	-0.20	-0.13	3.55e-05	0.0	9.45e-05
141	152	0.01	-0.18	-0.13	1.08e-05	0.0	6.20e-05
142	47	-0.02	0.05	-0.15	-5.49e-05	-1.71e-05	2.50e-05
142	56	-9.08e-03	0.06	-0.15	-5.83e-05	-6.64e-06	2.59e-05
142	65	-9.85e-03	0.07	-0.14	-6.87e-05	-1.25e-05	2.52e-05
142	107	-0.10	0.08	-0.11	-6.38e-05	-2.19e-05	4.30e-05
142	111	-0.04	0.14	-0.12	-1.01e-04	-2.14e-05	7.73e-05
142	123	-0.04	0.15	-0.11	-1.03e-04	-1.56e-05	-9.91e-06
142	139	-0.12	0.09	-0.11	-6.89e-05	-2.49e-05	4.80e-05
142	143	-0.04	0.16	-0.12	-1.13e-04	-2.42e-05	8.91e-05
142	155	-0.05	0.18	-0.12	-1.16e-04	-1.70e-05	-1.57e-05
143	16	-6.29e-03	0.08	-0.15	-2.97e-05	-3.99e-05	-7.45e-05
143	45	-0.02	0.09	-0.14	-3.73e-05	-4.16e-05	-7.14e-05
143	65	-0.02	0.12	-0.14	-6.15e-05	-4.14e-05	-1.01e-04
143	95	-0.10	0.08	-0.10	-6.20e-05	-4.64e-05	-1.07e-04
143	105	0.08	0.06	-0.12	-3.39e-05	-1.83e-05	-1.05e-04
143	115	-0.05	0.24	-0.11	-1.03e-04	-4.20e-05	-9.77e-05
143	127	-0.12	0.09	-0.10	-6.89e-05	-4.98e-05	-1.17e-04
143	137	0.10	0.06	-0.12	-3.56e-05	-1.61e-05	-1.15e-04
143	147	-0.05	0.27	-0.11	-1.18e-04	-4.45e-05	-1.06e-04
144	47	-0.03	0.08	-0.15	-5.31e-05	-1.64e-05	4.66e-05
144	56	-0.01	0.09	-0.16	-5.72e-05	-1.20e-05	7.08e-05
144	65	-0.02	0.10	-0.15	-6.66e-05	-1.73e-05	7.57e-05
144	95	-0.11	0.11	-0.12	-6.61e-05	-3.10e-05	2.82e-05
144	119	-0.05	0.19	-0.13	-1.02e-04	-2.76e-05	7.05e-05
144	123	-0.05	0.19	-0.13	-1.01e-04	-2.70e-05	6.99e-05
144	127	-0.13	0.12	-0.13	-7.20e-05	-3.55e-05	2.49e-05
144	151	-0.06	0.22	-0.13	-1.15e-04	-3.14e-05	7.57e-05
144	155	-0.05	0.22	-0.13	-1.13e-04	-3.07e-05	7.51e-05
145	45	-0.03	0.08	-0.15	-1.31e-05	0.0	5.95e-05
145	56	-0.01	0.10	-0.16	-1.73e-05	0.0	8.75e-05
145	65	-0.02	0.11	-0.15	-2.62e-05	0.0	1.01e-04
145	95	-0.11	0.11	-0.12	-4.38e-05	0.0	3.28e-05
145	119	-0.05	0.20	-0.13	-8.70e-05	0.0	7.61e-05
145	123	-0.05	0.20	-0.13	-8.54e-05	0.0	1.04e-04
145	127	-0.13	0.12	-0.12	-5.08e-05	0.0	2.97e-05
145	151	-0.05	0.23	-0.13	-1.03e-04	0.0	8.16e-05
145	155	-0.05	0.23	-0.13	-1.01e-04	0.0	1.15e-04
146	22	0.14	-0.02	-0.09	0.0	-1.37e-03	-7.42e-04
146	24	0.14	-0.02	-0.09	0.0	-1.37e-03	-7.42e-04
146	35	0.13	-0.01	-0.10	0.0	-1.37e-03	-7.45e-04
146	100	0.02	6.22e-03	-0.09	0.0	-1.08e-03	-5.13e-04
146	101	0.20	0.06	-0.06	0.0	-1.04e-03	-5.92e-04
146	118	0.15	-0.15	-0.08	0.0	-1.05e-03	-5.52e-04
146	132	3.44e-03	9.79e-03	-0.09	0.0	-1.08e-03	-5.02e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
146	133	0.22	0.07	-0.06	0.0	-1.04e-03	-5.96e-04
146	150	0.16	-0.18	-0.08	0.0	-1.05e-03	-5.49e-04
147	2	0.01	-0.03	-0.10	1.92e-04	0.0	-4.18e-05
147	55	-5.53e-03	0.04	-0.16	-3.18e-04	0.0	1.08e-04
147	67	-6.68e-03	0.04	-0.15	-3.20e-04	0.0	1.11e-04
147	95	-0.09	0.08	-0.12	-2.20e-04	0.0	6.35e-05
147	119	-0.01	0.14	-0.12	-3.85e-04	0.0	3.17e-05
147	123	-0.01	0.12	-0.13	-3.90e-04	0.0	5.33e-05
147	127	-0.11	0.09	-0.12	-2.16e-04	0.0	6.04e-05
147	151	-0.01	0.16	-0.13	-4.14e-04	0.0	2.23e-05
147	155	-0.01	0.14	-0.13	-4.21e-04	0.0	4.82e-05
148	21	0.03	-7.28e-03	-0.09	1.63e-05	8.77e-04	-2.33e-05
148	35	0.02	-3.18e-03	-0.10	1.83e-05	8.74e-04	-2.77e-05
148	100	-0.05	0.01	-0.09	3.67e-05	6.52e-04	-4.61e-05
148	101	0.11	0.06	-0.06	0.0	6.96e-04	-3.50e-05
148	118	0.06	-0.12	-0.08	4.29e-05	6.79e-04	3.33e-05
148	132	-0.06	0.02	-0.09	4.13e-05	6.47e-04	-5.14e-05
148	133	0.12	0.07	-0.06	-1.40e-06	7.00e-04	-3.81e-05
148	150	0.07	-0.15	-0.08	4.86e-05	6.80e-04	4.41e-05
149	45	-0.03	0.09	-0.15	-3.79e-06	-1.68e-05	1.43e-05
149	56	-0.01	0.10	-0.16	-6.01e-06	-1.07e-05	4.25e-05
149	65	-0.02	0.11	-0.15	-1.40e-05	-1.70e-05	5.70e-05
149	95	-0.11	0.11	-0.12	-3.66e-05	-2.89e-05	1.96e-06
149	119	-0.05	0.21	-0.13	-7.94e-05	-2.69e-05	4.84e-05
149	123	-0.05	0.21	-0.13	-7.78e-05	-2.63e-05	7.75e-05
149	127	-0.13	0.12	-0.12	-4.37e-05	-3.29e-05	0.0
149	151	-0.06	0.24	-0.13	-9.51e-05	-3.05e-05	5.48e-05
149	155	-0.06	0.24	-0.13	-9.32e-05	-2.98e-05	8.97e-05
150	47	-0.02	0.07	-0.15	-5.33e-05	-2.14e-05	5.72e-05
150	56	-0.01	0.08	-0.16	-5.59e-05	-1.77e-05	8.36e-05
150	65	-0.01	0.09	-0.15	-6.47e-05	-2.25e-05	8.90e-05
150	95	-0.10	0.10	-0.12	-6.53e-05	-3.42e-05	3.51e-05
150	119	-0.04	0.18	-0.13	-1.00e-04	-2.98e-05	-1.07e-06
150	123	-0.04	0.18	-0.13	-9.90e-05	-2.91e-05	-1.59e-06
150	127	-0.12	0.11	-0.13	-7.10e-05	-3.86e-05	3.16e-05
150	151	-0.05	0.21	-0.13	-1.13e-04	-3.33e-05	-1.20e-05
150	155	-0.05	0.21	-0.13	-1.11e-04	-3.24e-05	-1.26e-05
151	23	6.82e-03	0.02	-0.14	2.52e-06	2.60e-05	2.98e-05
151	56	1.04e-03	0.02	-0.14	4.15e-06	2.69e-05	3.17e-05
151	65	9.67e-04	0.02	-0.14	-2.02e-06	2.58e-05	3.49e-05
151	102	0.08	4.43e-03	-0.10	4.89e-06	3.04e-05	-3.48e-05
151	119	-0.03	0.09	-0.12	-1.62e-05	2.63e-05	-2.43e-05
151	134	0.09	2.93e-03	-0.10	5.45e-06	3.24e-05	-4.61e-05
151	151	-0.03	0.11	-0.12	-1.98e-05	2.75e-05	-3.36e-05
152	47	-0.02	0.08	-0.15	-3.75e-05	0.0	8.60e-05
152	56	-0.01	0.09	-0.16	-4.99e-05	0.0	1.08e-04
152	65	-0.01	0.11	-0.15	-6.34e-05	0.0	1.19e-04
152	95	-0.10	0.11	-0.12	-6.03e-05	0.0	4.85e-05
152	119	-0.04	0.19	-0.13	-1.08e-04	0.0	1.25e-05
152	123	-0.04	0.19	-0.13	-1.08e-04	0.0	3.85e-05
152	127	-0.12	0.11	-0.12	-6.63e-05	0.0	4.48e-05
152	151	-0.05	0.22	-0.13	-1.24e-04	0.0	1.51e-06
152	155	-0.05	0.22	-0.13	-1.23e-04	0.0	3.28e-05
153	2	0.01	-0.04	-0.11	9.01e-05	-8.59e-05	-3.22e-05
153	22	0.02	-0.02	-0.16	8.94e-05	-8.86e-05	1.10e-05
153	55	7.55e-03	-0.02	-0.17	8.24e-05	-1.09e-04	2.19e-05
153	95	-0.08	0.05	-0.14	1.10e-05	-8.92e-05	-1.03e-05
153	102	0.10	-0.02	-0.11	1.17e-04	-4.99e-05	-6.46e-05
153	118	0.03	-0.18	-0.11	2.10e-04	-6.78e-05	-2.01e-05
153	127	-0.10	0.07	-0.14	0.0	-9.32e-05	-1.40e-05
153	134	0.12	-0.02	-0.10	1.26e-04	-4.60e-05	-7.93e-05
153	150	0.03	-0.21	-0.11	2.37e-04	-6.73e-05	-2.56e-05
154	22	0.23	-9.90e-03	-0.09	0.0	1.42e-03	-4.11e-04
154	35	0.22	-6.08e-03	-0.10	0.0	1.41e-03	-4.16e-04
154	100	0.10	0.01	-0.09	0.0	1.05e-03	-3.45e-04
154	101	0.26	0.06	-0.06	0.0	1.12e-03	-3.32e-04
154	118	0.21	-0.13	-0.08	0.0	1.10e-03	-2.65e-04
154	132	0.09	0.02	-0.09	0.0	1.04e-03	-3.51e-04
154	133	0.28	0.07	-0.06	0.0	1.13e-03	-3.35e-04
154	150	0.22	-0.16	-0.08	0.0	1.10e-03	-2.54e-04
155	22	0.35	-0.01	-0.09	0.0	2.09e-04	-8.04e-04
155	24	0.35	-0.01	-0.09	0.0	2.09e-04	-8.04e-04
155	35	0.34	-8.78e-03	-0.10	0.0	2.04e-04	-8.09e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
155	100	0.19	9.69e-03	-0.09	0.0	1.23e-04	-5.68e-04
155	101	0.36	0.06	-0.06	0.0	1.84e-04	-6.34e-04
155	118	0.31	-0.14	-0.08	0.0	1.66e-04	-5.93e-04
155	132	0.17	0.01	-0.09	0.0	1.16e-04	-5.57e-04
155	133	0.37	0.07	-0.06	0.0	1.89e-04	-6.37e-04
155	150	0.31	-0.17	-0.08	0.0	1.68e-04	-5.88e-04
156	22	0.28	-0.02	-0.09	0.0	-1.01e-03	-8.42e-04
156	24	0.28	-0.02	-0.09	0.0	-1.01e-03	-8.41e-04
156	35	0.27	-0.01	-0.10	0.0	-1.01e-03	-8.45e-04
156	100	0.13	7.44e-03	-0.09	0.0	-8.04e-04	-5.93e-04
156	101	0.31	0.06	-0.06	0.0	-7.57e-04	-6.65e-04
156	118	0.26	-0.15	-0.08	0.0	-7.73e-04	-6.26e-04
156	132	0.11	0.01	-0.09	0.0	-8.09e-04	-5.82e-04
156	133	0.33	0.07	-0.06	0.0	-7.53e-04	-6.68e-04
156	150	0.26	-0.17	-0.08	0.0	-7.72e-04	-6.22e-04
157	2	0.01	-0.07	-0.10	3.34e-04	0.0	-1.12e-04
157	55	-4.02e-03	0.05	-0.16	2.78e-04	0.0	1.20e-04
157	95	-0.09	0.09	-0.12	2.27e-04	0.0	7.82e-05
157	119	-0.01	0.17	-0.13	8.32e-05	0.0	1.13e-04
157	123	-0.01	0.14	-0.13	7.94e-05	0.0	1.33e-04
157	127	-0.11	0.11	-0.12	2.29e-04	0.0	7.66e-05
157	151	-0.01	0.19	-0.13	5.65e-05	0.0	1.18e-04
157	155	-0.01	0.17	-0.13	5.21e-05	0.0	1.42e-04
158	2	2.12e-03	0.08	-0.10	-3.63e-04	0.0	-3.00e-05
158	24	0.02	0.01	-0.15	-8.04e-04	0.0	1.01e-05
158	76	0.01	8.27e-03	-0.16	-7.98e-04	0.0	-2.34e-06
158	101	0.11	0.07	-0.11	-6.26e-04	0.0	-8.31e-06
158	119	-0.03	0.16	-0.10	-7.22e-04	0.0	3.60e-05
158	120	8.97e-03	-0.12	-0.13	-5.25e-04	0.0	-5.03e-05
158	133	0.12	0.08	-0.11	-6.27e-04	0.0	-1.14e-05
158	151	-0.04	0.19	-0.10	-7.41e-04	0.0	4.18e-05
158	152	8.34e-03	-0.14	-0.13	-5.08e-04	0.0	-6.18e-05
159	22	0.22	-0.02	-0.09	0.0	-1.79e-03	-1.81e-04
159	24	0.22	-0.02	-0.09	0.0	-1.79e-03	-1.81e-04
159	35	0.20	-0.02	-0.09	0.0	-1.79e-03	-1.85e-04
159	100	0.07	3.56e-03	-0.08	0.0	-1.41e-03	-1.69e-04
159	106	0.26	-7.20e-03	-0.06	0.0	-1.35e-03	-1.63e-04
159	118	0.20	-0.15	-0.07	0.0	-1.37e-03	-9.01e-05
159	132	0.05	7.13e-03	-0.08	0.0	-1.41e-03	-1.75e-04
159	138	0.28	-5.81e-03	-0.06	0.0	-1.35e-03	-1.68e-04
159	150	0.21	-0.18	-0.07	0.0	-1.37e-03	-8.00e-05
160	47	-0.01	-0.04	-0.15	4.68e-05	0.0	-1.57e-04
160	56	-4.59e-03	-0.04	-0.15	4.18e-05	0.0	-1.56e-04
160	88	-3.94e-03	-0.06	-0.14	7.45e-05	0.0	-1.56e-04
160	103	-0.09	0.01	-0.11	-1.14e-05	0.0	-5.69e-05
160	114	0.03	-0.14	-0.10	1.67e-04	0.0	-2.14e-04
160	121	0.02	0.05	-0.12	-7.49e-05	0.0	-1.70e-04
160	135	-0.10	0.02	-0.11	-2.16e-05	0.0	-4.42e-05
160	146	0.03	-0.16	-0.10	1.93e-04	0.0	-2.33e-04
160	153	0.02	0.07	-0.12	-9.78e-05	0.0	-1.81e-04
161	21	0.03	-0.01	-0.09	1.81e-05	1.07e-03	-3.07e-06
161	35	0.02	-6.01e-03	-0.09	2.01e-05	1.07e-03	-7.26e-06
161	100	-0.05	0.01	-0.08	3.70e-05	8.02e-04	-3.04e-05
161	106	0.10	2.69e-03	-0.06	1.83e-05	8.47e-04	-2.75e-05
161	118	0.05	-0.13	-0.07	4.38e-05	8.33e-04	4.86e-05
161	132	-0.07	0.02	-0.08	4.13e-05	7.97e-04	-3.57e-05
161	138	0.11	4.43e-03	-0.06	1.89e-05	8.51e-04	-3.22e-05
161	150	0.06	-0.15	-0.07	4.93e-05	8.35e-04	5.93e-05
162	45	-0.03	0.04	-0.15	1.82e-05	1.22e-05	1.68e-04
162	56	-0.02	0.05	-0.16	2.18e-05	1.60e-05	1.75e-04
162	65	-0.02	0.06	-0.16	1.24e-05	1.78e-05	1.77e-04
162	95	-0.11	0.05	-0.12	-1.03e-05	-3.19e-06	8.41e-05
162	113	-0.02	0.16	-0.14	-3.80e-05	3.00e-05	9.67e-05
162	115	-0.07	0.18	-0.13	-4.32e-05	1.63e-05	7.73e-05
162	127	-0.13	0.05	-0.12	-1.61e-05	-5.98e-06	7.41e-05
162	145	-0.02	0.18	-0.14	-4.94e-05	3.38e-05	8.93e-05
162	147	-0.08	0.21	-0.14	-5.57e-05	1.74e-05	6.59e-05
163	45	-0.02	0.04	-0.14	-9.81e-06	9.64e-05	2.84e-05
163	56	-0.02	0.05	-0.15	-6.10e-06	1.08e-04	3.52e-05
163	68	-0.02	0.06	-0.15	-9.17e-06	1.06e-04	3.83e-05
163	95	-0.09	0.04	-0.10	-2.74e-05	6.29e-05	7.77e-06
163	101	0.06	0.04	-0.12	-7.86e-06	1.03e-04	1.03e-05
163	115	-0.05	0.16	-0.11	-4.39e-05	8.32e-05	1.05e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
163	127	-0.11	0.04	-0.10	-3.23e-05	5.98e-05	4.56e-06
163	133	0.07	0.04	-0.13	-8.89e-06	1.08e-04	7.65e-06
163	147	-0.06	0.18	-0.11	-5.21e-05	8.41e-05	1.21e-04
164	47	-0.02	0.07	-0.15	-6.87e-05	0.0	4.51e-05
164	56	-0.01	0.08	-0.16	-7.87e-05	0.0	5.87e-05
164	65	-0.01	0.09	-0.15	-9.39e-05	0.0	6.38e-05
164	95	-0.10	0.09	-0.12	-6.44e-05	0.0	1.82e-05
164	119	-0.04	0.17	-0.13	-1.14e-04	0.0	-1.93e-05
164	123	-0.04	0.17	-0.13	-1.13e-04	0.0	5.85e-06
164	127	-0.12	0.10	-0.12	-6.73e-05	0.0	1.45e-05
164	151	-0.05	0.20	-0.13	-1.26e-04	0.0	-3.06e-05
164	155	-0.05	0.20	-0.13	-1.25e-04	0.0	0.0
165	45	-0.12	0.05	-0.12	0.0	-5.05e-04	-4.11e-04
165	56	-0.12	0.06	-0.13	0.0	-5.00e-04	-4.02e-04
165	65	-0.12	0.07	-0.13	0.0	-5.00e-04	-4.00e-04
165	95	-0.18	0.04	-0.09	0.0	-4.02e-04	-3.29e-04
165	113	-0.10	0.16	-0.12	0.0	-3.68e-04	-2.55e-04
165	115	-0.15	0.18	-0.11	0.0	-3.82e-04	-2.34e-04
165	127	-0.20	0.04	-0.09	0.0	-4.05e-04	-3.32e-04
165	145	-0.10	0.18	-0.13	0.0	-3.64e-04	-2.43e-04
165	147	-0.16	0.21	-0.12	0.0	-3.82e-04	-2.18e-04
166	45	-0.03	0.05	-0.13	0.0	-5.41e-04	1.26e-05
166	56	-0.03	0.06	-0.14	2.79e-06	-5.34e-04	2.00e-05
166	68	-0.03	0.07	-0.13	-1.52e-06	-5.34e-04	2.30e-05
166	95	-0.10	0.04	-0.09	-2.14e-05	-4.25e-04	-3.74e-06
166	101	0.05	0.04	-0.11	-3.11e-06	-3.92e-04	-1.28e-06
166	115	-0.06	0.18	-0.10	-4.69e-05	-4.09e-04	9.47e-05
166	127	-0.12	0.05	-0.09	-2.66e-05	-4.28e-04	-6.88e-06
166	133	0.06	0.04	-0.12	-4.72e-06	-3.88e-04	-3.92e-06
166	147	-0.07	0.20	-0.10	-5.73e-05	-4.08e-04	1.12e-04
167	22	0.28	-0.01	-0.09	0.0	1.90e-03	-1.95e-04
167	35	0.27	-9.24e-03	-0.09	0.0	1.90e-03	-1.99e-04
167	100	0.14	9.18e-03	-0.08	0.0	1.41e-03	-1.78e-04
167	106	0.30	-1.45e-04	-0.06	0.0	1.51e-03	-1.74e-04
167	118	0.25	-0.13	-0.07	0.0	1.47e-03	-9.94e-05
167	132	0.12	0.01	-0.08	0.0	1.40e-03	-1.84e-04
167	138	0.31	1.50e-03	-0.06	0.0	1.51e-03	-1.79e-04
167	150	0.25	-0.16	-0.07	0.0	1.47e-03	-8.88e-05
168	22	0.45	-0.02	-0.09	0.0	4.26e-04	-3.51e-04
168	24	0.45	-0.02	-0.09	0.0	4.26e-04	-3.51e-04
168	35	0.44	-0.01	-0.09	0.0	4.21e-04	-3.56e-04
168	100	0.26	6.98e-03	-0.08	0.0	2.81e-04	-3.00e-04
168	106	0.43	-2.84e-03	-0.06	0.0	3.64e-04	-2.95e-04
168	118	0.38	-0.14	-0.07	0.0	3.36e-04	-2.21e-04
168	132	0.25	0.01	-0.08	0.0	2.72e-04	-3.05e-04
168	138	0.45	-1.29e-03	-0.06	0.0	3.72e-04	-2.99e-04
168	150	0.39	-0.17	-0.07	0.0	3.39e-04	-2.10e-04
169	22	0.39	-0.02	-0.09	0.0	-1.20e-03	-3.24e-04
169	24	0.39	-0.02	-0.09	0.0	-1.20e-03	-3.24e-04
169	35	0.38	-0.02	-0.09	0.0	-1.20e-03	-3.28e-04
169	100	0.21	4.84e-03	-0.08	0.0	-9.55e-04	-2.79e-04
169	106	0.39	-5.50e-03	-0.06	0.0	-8.96e-04	-2.73e-04
169	118	0.33	-0.15	-0.07	0.0	-9.14e-04	-2.00e-04
169	132	0.19	8.40e-03	-0.08	0.0	-9.62e-04	-2.85e-04
169	138	0.41	-4.04e-03	-0.06	0.0	-8.91e-04	-2.78e-04
169	150	0.34	-0.18	-0.07	0.0	-9.13e-04	-1.90e-04
170	45	-0.09	0.05	-0.13	0.0	8.79e-04	4.17e-04
170	56	-0.08	0.06	-0.14	0.0	8.85e-04	4.27e-04
170	65	-0.08	0.07	-0.13	0.0	8.85e-04	4.25e-04
170	95	-0.15	0.05	-0.09	0.0	6.65e-04	2.74e-04
170	101	0.02	0.04	-0.12	0.0	6.99e-04	2.80e-04
170	115	-0.11	0.20	-0.11	0.0	6.78e-04	2.83e-04
170	127	-0.17	0.05	-0.09	0.0	6.62e-04	2.64e-04
170	133	0.04	0.04	-0.12	0.0	7.03e-04	2.70e-04
170	147	-0.12	0.23	-0.11	0.0	6.77e-04	2.74e-04
171	21	0.02	0.03	-0.13	9.62e-05	-3.05e-05	4.18e-05
171	65	0.02	0.03	-0.13	8.42e-05	-3.54e-05	4.70e-05
171	76	0.01	0.02	-0.14	1.14e-04	-2.44e-05	3.39e-05
171	101	0.10	0.05	-0.10	5.60e-05	-2.04e-05	1.71e-05
171	119	-0.03	0.10	-0.09	2.58e-05	-4.17e-05	-1.76e-05
171	124	0.01	-0.06	-0.12	1.29e-04	-9.28e-06	7.76e-05
171	133	0.12	0.05	-0.10	5.21e-05	-2.00e-05	1.44e-05
171	151	-0.04	0.12	-0.09	1.58e-05	-4.55e-05	-2.73e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
171	156	9.70e-03	-0.08	-0.12	1.39e-04	-6.68e-06	8.72e-05
172	22	0.23	-0.02	-0.08	0.0	-1.88e-03	2.42e-05
172	24	0.23	-0.02	-0.09	0.0	-1.88e-03	2.43e-05
172	35	0.21	-0.02	-0.09	0.0	-1.88e-03	1.87e-05
172	102	0.26	4.70e-03	-0.06	0.0	-1.42e-03	-3.88e-05
172	104	0.08	-0.08	-0.08	0.0	-1.47e-03	2.91e-05
172	118	0.20	-0.16	-0.06	0.0	-1.44e-03	6.55e-05
172	134	0.28	8.99e-03	-0.05	0.0	-1.41e-03	-4.99e-05
172	136	0.06	-0.10	-0.08	0.0	-1.48e-03	3.18e-05
172	150	0.21	-0.18	-0.06	0.0	-1.44e-03	7.54e-05
173	47	-0.01	-0.02	-0.14	3.27e-04	0.0	-5.79e-05
173	56	-3.79e-03	-0.01	-0.15	3.25e-04	0.0	-5.49e-05
173	88	-3.58e-03	-0.03	-0.14	3.48e-04	0.0	-6.04e-05
173	103	-0.08	0.02	-0.11	2.01e-04	0.0	1.50e-05
173	114	0.03	-0.10	-0.10	3.86e-04	0.0	-1.30e-04
173	121	0.02	0.06	-0.12	1.43e-04	0.0	-9.28e-05
173	135	-0.10	0.03	-0.11	1.90e-04	0.0	2.69e-05
173	146	0.03	-0.12	-0.10	4.13e-04	0.0	-1.48e-04
173	153	0.03	0.07	-0.12	1.21e-04	0.0	-1.03e-04
174	21	0.03	-0.01	-0.08	1.97e-05	1.13e-03	2.82e-05
174	35	0.02	-8.33e-03	-0.09	2.14e-05	1.12e-03	2.42e-05
174	104	-0.06	-0.07	-0.07	1.52e-05	8.43e-04	3.43e-05
174	106	0.09	8.70e-04	-0.05	3.23e-05	8.90e-04	-3.05e-06
174	118	0.04	-0.13	-0.06	4.49e-05	8.76e-04	7.26e-05
174	136	-0.07	-0.08	-0.08	1.49e-05	8.38e-04	3.73e-05
174	138	0.11	2.59e-03	-0.05	3.56e-05	8.95e-04	-7.68e-06
174	150	0.05	-0.15	-0.06	5.05e-05	8.78e-04	8.33e-05
175	24	0.02	0.06	-0.14	-2.58e-04	-5.04e-05	-2.52e-05
175	67	8.30e-03	0.08	-0.14	-2.72e-04	-5.91e-05	-9.08e-06
175	76	7.09e-03	0.05	-0.15	-2.49e-04	-4.88e-05	-3.54e-05
175	101	0.10	0.06	-0.10	-2.10e-04	-3.67e-05	-1.25e-04
175	119	-0.04	0.18	-0.09	-2.99e-04	-5.12e-05	-2.04e-04
175	124	2.61e-03	-0.08	-0.12	-1.08e-04	-3.55e-05	1.63e-04
175	133	0.12	0.07	-0.10	-2.12e-04	-3.59e-05	-1.46e-04
175	151	-0.05	0.21	-0.09	-3.18e-04	-5.32e-05	-2.41e-04
175	156	1.91e-03	-0.10	-0.12	-9.00e-05	-3.47e-05	1.99e-04
176	45	-0.02	0.06	-0.13	1.03e-04	8.29e-06	-1.77e-05
176	56	-8.92e-03	0.07	-0.14	9.87e-05	1.30e-05	-1.09e-05
176	67	-0.01	0.08	-0.13	8.62e-05	1.07e-05	-8.46e-06
176	107	-0.10	0.09	-0.10	4.82e-05	-1.41e-05	1.29e-05
176	115	-0.04	0.16	-0.11	-5.63e-06	-3.80e-06	7.73e-05
176	119	-0.04	0.15	-0.11	-4.16e-06	-3.31e-06	-6.07e-05
176	139	-0.11	0.10	-0.10	4.12e-05	-1.91e-05	1.79e-05
176	147	-0.04	0.19	-0.11	-2.34e-05	-6.64e-06	9.53e-05
176	151	-0.05	0.17	-0.11	-2.16e-05	-6.09e-06	-7.06e-05
177	45	-0.03	0.05	-0.15	-5.64e-05	1.99e-05	8.78e-05
177	56	-0.02	0.06	-0.16	-5.30e-05	3.10e-05	9.00e-05
177	65	-0.03	0.07	-0.15	-6.22e-05	3.02e-05	8.50e-05
177	95	-0.11	0.05	-0.11	-6.02e-05	0.0	5.24e-05
177	101	0.06	0.04	-0.13	-4.56e-05	5.10e-05	5.61e-05
177	115	-0.06	0.19	-0.12	-8.37e-05	1.84e-05	1.47e-04
177	127	-0.13	0.05	-0.11	-6.45e-05	-5.04e-06	4.87e-05
177	133	0.08	0.04	-0.13	-4.71e-05	5.64e-05	5.30e-05
177	147	-0.07	0.22	-0.12	-9.28e-05	1.72e-05	1.62e-04
178	22	0.01	0.04	-0.14	0.0	-6.97e-05	5.09e-05
178	56	4.34e-03	0.05	-0.15	0.0	-7.51e-05	5.32e-05
178	65	4.17e-03	0.05	-0.14	0.0	-7.72e-05	5.50e-05
178	106	0.09	-8.02e-03	-0.11	0.0	-3.70e-05	8.79e-05
178	111	-0.02	0.12	-0.11	0.0	-7.45e-05	9.14e-05
178	123	-0.03	0.13	-0.11	0.0	-7.35e-05	-1.65e-05
178	138	0.11	-0.02	-0.10	0.0	-3.32e-05	9.80e-05
178	143	-0.02	0.13	-0.11	0.0	-7.80e-05	1.02e-04
178	155	-0.04	0.15	-0.11	0.0	-7.68e-05	-2.76e-05
179	45	-0.19	0.05	-0.13	0.0	7.42e-04	2.41e-04
179	56	-0.18	0.06	-0.14	0.0	7.48e-04	2.51e-04
179	65	-0.18	0.07	-0.13	0.0	7.47e-04	2.50e-04
179	95	-0.23	0.05	-0.09	0.0	5.56e-04	1.38e-04
179	101	-0.06	0.04	-0.12	0.0	5.94e-04	1.43e-04
179	115	-0.18	0.20	-0.11	0.0	5.67e-04	1.46e-04
179	127	-0.25	0.05	-0.09	0.0	5.53e-04	1.28e-04
179	133	-0.04	0.04	-0.12	0.0	5.97e-04	1.33e-04
179	147	-0.19	0.23	-0.11	0.0	5.66e-04	1.36e-04
180	22	0.29	-0.02	-0.08	0.0	2.01e-03	1.92e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
180	35	0.28	-0.01	-0.09	0.0	2.01e-03	1.49e-05
180	104	0.14	-0.07	-0.08	0.0	1.50e-03	2.70e-05
180	106	0.30	-1.80e-03	-0.06	0.0	1.60e-03	-1.02e-05
180	118	0.25	-0.14	-0.06	0.0	1.57e-03	6.50e-05
180	136	0.13	-0.08	-0.08	0.0	1.49e-03	3.00e-05
180	138	0.32	-1.66e-04	-0.05	0.0	1.61e-03	-1.49e-05
180	150	0.26	-0.16	-0.06	0.0	1.57e-03	7.56e-05
181	22	0.47	-0.02	-0.08	0.0	4.63e-04	1.70e-05
181	24	0.47	-0.02	-0.09	0.0	4.63e-04	1.70e-05
181	35	0.46	-0.01	-0.09	0.0	4.58e-04	1.22e-05
181	104	0.28	-0.08	-0.08	0.0	3.13e-04	2.49e-05
181	106	0.45	-4.58e-03	-0.06	0.0	3.98e-04	-1.22e-05
181	118	0.39	-0.14	-0.06	0.0	3.72e-04	6.28e-05
181	136	0.26	-0.09	-0.08	0.0	3.04e-04	2.78e-05
181	138	0.47	-3.03e-03	-0.05	0.0	4.07e-04	-1.69e-05
181	150	0.40	-0.17	-0.06	0.0	3.75e-04	7.32e-05
182	22	0.41	-0.02	-0.08	0.0	-1.27e-03	2.10e-05
182	24	0.41	-0.02	-0.09	0.0	-1.27e-03	2.10e-05
182	35	0.40	-0.02	-0.09	0.0	-1.27e-03	1.57e-05
182	102	0.40	6.25e-03	-0.06	0.0	-9.45e-04	-4.20e-05
182	104	0.22	-0.08	-0.08	0.0	-1.00e-03	2.73e-05
182	118	0.34	-0.15	-0.06	0.0	-9.65e-04	6.46e-05
182	134	0.42	0.01	-0.05	0.0	-9.39e-04	-5.33e-05
182	136	0.20	-0.09	-0.08	0.0	-1.01e-03	3.01e-05
182	150	0.35	-0.18	-0.06	0.0	-9.62e-04	7.48e-05
183	45	-0.25	0.05	-0.13	0.0	2.51e-05	1.30e-04
183	56	-0.24	0.06	-0.14	0.0	3.11e-05	1.39e-04
183	65	-0.24	0.07	-0.13	0.0	2.99e-05	1.39e-04
183	95	-0.27	0.05	-0.09	0.0	-3.16e-06	8.68e-05
183	101	-0.11	0.04	-0.12	0.0	4.74e-05	8.98e-05
183	115	-0.23	0.19	-0.11	0.0	1.01e-05	1.78e-04
183	127	-0.29	0.05	-0.09	0.0	-8.60e-06	8.32e-05
183	133	-0.10	0.04	-0.12	0.0	5.22e-05	8.68e-05
183	147	-0.24	0.22	-0.11	0.0	7.38e-06	1.93e-04
184	45	-0.18	0.05	-0.13	0.0	-1.02e-03	-1.61e-05
184	56	-0.18	0.06	-0.14	0.0	-1.01e-03	-8.14e-06
184	65	-0.18	0.07	-0.13	0.0	-1.01e-03	-6.89e-06
184	95	-0.22	0.05	-0.09	0.0	-8.12e-04	-2.60e-05
184	101	-0.06	0.04	-0.12	0.0	-7.49e-04	-2.34e-05
184	115	-0.17	0.18	-0.11	0.0	-7.94e-04	7.09e-05
184	127	-0.23	0.05	-0.09	0.0	-8.19e-04	-2.93e-05
184	133	-0.05	0.04	-0.12	0.0	-7.43e-04	-2.62e-05
184	147	-0.18	0.21	-0.11	0.0	-7.97e-04	8.72e-05
185	22	0.21	-0.03	-0.08	0.0	-1.78e-03	2.86e-04
185	24	0.21	-0.03	-0.08	0.0	-1.78e-03	2.86e-04
185	35	0.20	-0.02	-0.09	0.0	-1.79e-03	2.79e-04
185	102	0.25	2.41e-03	-0.05	0.0	-1.35e-03	2.35e-04
185	107	0.07	-0.03	-0.07	0.0	-1.40e-03	1.68e-04
185	118	0.18	-0.16	-0.06	0.0	-1.36e-03	2.67e-04
185	134	0.27	6.71e-03	-0.05	0.0	-1.34e-03	2.38e-04
185	139	0.05	-0.03	-0.08	0.0	-1.40e-03	1.58e-04
185	150	0.18	-0.19	-0.06	0.0	-1.36e-03	2.77e-04
186	16	-9.77e-03	0.07	-0.14	-8.29e-05	0.0	-1.86e-05
186	45	-0.03	0.08	-0.13	-9.49e-05	0.0	-2.16e-05
186	65	-0.02	0.11	-0.14	-1.27e-04	0.0	-3.58e-05
186	95	-0.10	0.08	-0.10	-1.02e-04	0.0	-6.96e-05
186	105	0.07	0.05	-0.12	-7.25e-05	0.0	-6.53e-05
186	115	-0.05	0.22	-0.10	-1.38e-04	0.0	-6.05e-05
186	127	-0.12	0.08	-0.09	-1.08e-04	0.0	-8.10e-05
186	137	0.09	0.05	-0.12	-7.36e-05	0.0	-7.58e-05
186	147	-0.05	0.26	-0.10	-1.52e-04	0.0	-7.01e-05
187	2	0.02	-3.37e-03	-0.02	2.59e-05	1.12e-03	1.87e-05
187	21	0.02	-0.01	-0.08	2.31e-05	1.10e-03	5.12e-05
187	35	0.01	-0.01	-0.09	2.46e-05	1.09e-03	4.74e-05
187	94	0.09	-0.08	-0.05	1.29e-05	8.66e-04	5.53e-05
187	107	-0.06	-0.02	-0.07	1.76e-06	8.19e-04	6.01e-05
187	118	0.03	-0.13	-0.06	4.77e-05	8.55e-04	9.07e-05
187	126	0.11	-0.09	-0.05	1.18e-05	8.70e-04	5.89e-05
187	139	-0.07	-0.02	-0.08	-1.52e-06	8.15e-04	6.47e-05
187	150	0.04	-0.15	-0.05	5.33e-05	8.57e-04	1.02e-04
188	16	-0.07	0.06	-0.14	0.0	6.04e-04	-2.36e-05
188	45	-0.08	0.06	-0.13	0.0	5.95e-04	-2.51e-05
188	65	-0.07	0.08	-0.13	0.0	5.99e-04	-1.90e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
188	94	0.03	0.04	-0.12	0.0	4.82e-04	0.0
188	107	-0.14	0.11	-0.09	0.0	4.45e-04	4.37e-06
188	115	-0.09	0.21	-0.09	0.0	4.49e-04	6.49e-05
188	126	0.05	0.04	-0.12	0.0	4.86e-04	3.02e-06
188	139	-0.16	0.12	-0.08	0.0	4.41e-04	9.05e-06
188	147	-0.09	0.24	-0.09	0.0	4.46e-04	8.18e-05
189	24	0.02	-0.01	-0.14	-1.27e-04	0.0	3.14e-04
189	76	0.01	-0.02	-0.15	-1.15e-04	0.0	3.04e-04
189	88	0.01	-0.02	-0.14	-1.06e-04	0.0	2.97e-04
189	101	0.10	0.03	-0.10	-1.14e-04	0.0	1.65e-04
189	118	0.06	-0.12	-0.12	5.89e-06	0.0	3.47e-04
189	124	9.27e-03	-0.11	-0.12	0.0	0.0	3.45e-04
189	133	0.12	0.04	-0.10	-1.17e-04	0.0	1.49e-04
189	150	0.07	-0.14	-0.12	2.67e-05	0.0	3.69e-04
189	156	8.63e-03	-0.14	-0.12	1.85e-05	0.0	3.66e-04
190	22	0.03	0.20	-0.11	-1.19e-03	0.0	-2.91e-04
190	65	0.02	0.21	-0.11	-1.21e-03	0.0	-2.82e-04
190	76	0.02	0.19	-0.12	-1.18e-03	0.0	-3.00e-04
190	101	0.11	0.19	-0.08	-9.33e-04	0.0	-2.40e-04
190	119	-0.04	0.25	-0.07	-1.02e-03	0.0	-2.83e-04
190	124	0.02	0.07	-0.11	-8.17e-04	0.0	-1.68e-04
190	133	0.13	0.19	-0.08	-9.36e-04	0.0	-2.44e-04
190	151	-0.05	0.26	-0.06	-1.04e-03	0.0	-2.94e-04
190	156	0.02	0.05	-0.11	-7.97e-04	0.0	-1.57e-04
191	16	-7.98e-03	0.09	-0.15	4.38e-05	-1.75e-05	7.53e-05
191	45	-0.03	0.09	-0.14	4.98e-05	-2.64e-05	8.23e-05
191	65	-0.02	0.13	-0.14	3.11e-05	-2.29e-05	5.64e-05
191	95	-0.11	0.09	-0.10	-9.51e-06	-3.48e-05	-8.14e-06
191	105	0.08	0.07	-0.12	2.00e-05	-2.34e-06	0.0
191	115	-0.05	0.26	-0.11	-6.07e-05	-2.95e-05	2.17e-06
191	127	-0.13	0.10	-0.10	-1.73e-05	-3.87e-05	-2.07e-05
191	137	0.10	0.07	-0.12	1.74e-05	0.0	-1.21e-05
191	147	-0.06	0.29	-0.11	-7.90e-05	-3.22e-05	-8.32e-06
192	22	0.02	0.03	-0.14	0.0	1.03e-05	7.90e-05
192	56	0.01	0.04	-0.15	0.0	5.18e-06	8.13e-05
192	65	0.01	0.04	-0.14	0.0	3.32e-06	8.41e-05
192	106	0.09	-9.86e-03	-0.10	0.0	4.31e-05	3.62e-05
192	111	-8.14e-03	0.10	-0.11	0.0	-1.11e-05	1.20e-04
192	119	-0.02	0.11	-0.11	0.0	-1.14e-05	9.07e-06
192	138	0.11	-0.02	-0.10	0.0	5.09e-05	3.14e-05
192	143	-0.01	0.12	-0.11	0.0	-1.42e-05	1.32e-04
192	151	-0.03	0.13	-0.11	0.0	-1.46e-05	-1.20e-06
193	2	0.28	-6.58e-03	-0.02	0.0	1.92e-03	1.72e-04
193	22	0.28	-0.02	-0.08	0.0	1.92e-03	2.05e-04
193	35	0.27	-0.01	-0.09	0.0	1.92e-03	2.00e-04
193	94	0.29	-0.08	-0.05	0.0	1.52e-03	1.73e-04
193	107	0.13	-0.02	-0.07	0.0	1.43e-03	1.79e-04
193	118	0.23	-0.14	-0.06	0.0	1.49e-03	2.08e-04
193	126	0.31	-0.10	-0.05	0.0	1.53e-03	1.76e-04
193	139	0.12	-0.02	-0.08	0.0	1.42e-03	1.83e-04
193	150	0.24	-0.16	-0.05	0.0	1.50e-03	2.18e-04
194	2	0.45	-0.01	-0.02	0.0	4.07e-04	3.39e-04
194	24	0.45	-0.02	-0.08	0.0	4.15e-04	3.71e-04
194	35	0.44	-0.02	-0.09	0.0	4.11e-04	3.66e-04
194	94	0.43	-0.09	-0.05	0.0	3.59e-04	3.01e-04
194	107	0.26	-0.02	-0.07	0.0	2.74e-04	3.08e-04
194	118	0.36	-0.14	-0.06	0.0	3.35e-04	3.35e-04
194	126	0.45	-0.10	-0.05	0.0	3.67e-04	3.04e-04
194	139	0.24	-0.02	-0.08	0.0	2.66e-04	3.13e-04
194	150	0.37	-0.17	-0.06	0.0	3.38e-04	3.45e-04
195	2	0.38	-0.01	-0.02	0.0	-1.23e-03	3.38e-04
195	24	0.38	-0.02	-0.08	0.0	-1.22e-03	3.72e-04
195	35	0.37	-0.02	-0.09	0.0	-1.23e-03	3.65e-04
195	102	0.38	4.34e-03	-0.05	0.0	-9.11e-04	3.01e-04
195	107	0.20	-0.02	-0.07	0.0	-9.71e-04	2.34e-04
195	118	0.31	-0.15	-0.06	0.0	-9.28e-04	3.33e-04
195	134	0.40	8.59e-03	-0.05	0.0	-9.05e-04	3.04e-04
195	139	0.18	-0.03	-0.08	0.0	-9.77e-04	2.24e-04
195	150	0.32	-0.18	-0.06	0.0	-9.26e-04	3.44e-04
196	23	9.59e-03	0.02	-0.14	-4.50e-05	2.77e-05	3.52e-05
196	56	4.11e-03	0.03	-0.14	-5.21e-05	2.89e-05	3.72e-05
196	65	4.44e-03	0.03	-0.14	-5.97e-05	2.69e-05	4.02e-05
196	106	0.08	3.90e-03	-0.10	-9.25e-06	3.23e-05	2.51e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
196	111	-0.01	0.08	-0.11	-9.26e-05	1.63e-05	8.52e-05
196	117	0.02	0.09	-0.11	-8.94e-05	2.34e-05	-1.78e-06
196	138	0.10	1.05e-03	-0.10	-4.39e-06	3.41e-05	-2.16e-06
196	143	-0.02	0.09	-0.11	-1.04e-04	1.50e-05	9.73e-05
196	149	0.02	0.11	-0.11	-1.01e-04	2.35e-05	-7.31e-06
197	16	-0.15	0.06	-0.14	0.0	3.76e-04	1.77e-04
197	45	-0.17	0.06	-0.13	0.0	3.67e-04	1.74e-04
197	65	-0.16	0.08	-0.13	0.0	3.71e-04	1.81e-04
197	94	-0.04	0.04	-0.12	0.0	3.13e-04	1.52e-04
197	107	-0.21	0.11	-0.09	0.0	2.67e-04	1.58e-04
197	115	-0.14	0.20	-0.09	0.0	2.74e-04	2.17e-04
197	126	-0.03	0.04	-0.12	0.0	3.18e-04	1.55e-04
197	139	-0.23	0.12	-0.08	0.0	2.63e-04	1.62e-04
197	147	-0.15	0.23	-0.09	0.0	2.72e-04	2.34e-04
198	16	-0.13	0.06	-0.14	0.0	-7.32e-04	1.75e-04
198	45	-0.14	0.05	-0.13	0.0	-7.43e-04	1.70e-04
198	65	-0.14	0.07	-0.13	0.0	-7.40e-04	1.78e-04
198	94	-0.03	0.04	-0.12	0.0	-5.31e-04	1.50e-04
198	107	-0.19	0.10	-0.09	0.0	-5.96e-04	1.55e-04
198	115	-0.12	0.19	-0.09	0.0	-5.85e-04	2.09e-04
198	126	-0.01	0.04	-0.12	0.0	-5.24e-04	1.54e-04
198	139	-0.20	0.11	-0.08	0.0	-6.02e-04	1.59e-04
198	147	-0.13	0.22	-0.09	0.0	-5.89e-04	2.24e-04
199	21	0.01	5.44e-03	-0.12	-1.77e-05	1.32e-04	2.94e-05
199	55	4.72e-03	9.33e-03	-0.13	-1.77e-05	1.52e-04	3.16e-05
199	65	4.74e-03	0.01	-0.13	-1.80e-05	1.43e-04	3.46e-05
199	95	-0.07	0.05	-0.11	-1.60e-05	1.23e-04	4.99e-06
199	106	0.08	-1.08e-03	-0.09	-1.00e-05	8.77e-05	-2.66e-06
199	119	-0.02	0.10	-0.11	-2.01e-05	1.29e-04	-2.73e-05
199	127	-0.09	0.05	-0.11	-1.65e-05	1.27e-04	1.79e-06
199	138	0.10	-2.29e-03	-0.08	-9.37e-06	8.44e-05	-7.42e-06
199	151	-0.03	0.12	-0.11	-2.14e-05	1.34e-04	-3.70e-05
200	2	0.03	-0.02	-0.02	2.04e-05	-6.74e-04	5.04e-04
200	22	0.02	-0.03	-0.08	1.64e-05	-6.67e-04	5.33e-04
200	35	0.01	-0.03	-0.08	1.73e-05	-6.68e-04	5.27e-04
200	94	0.11	-0.10	-0.05	8.00e-06	-5.01e-04	4.27e-04
200	118	0.03	-0.16	-0.04	4.42e-05	-4.97e-04	4.54e-04
200	123	4.47e-04	0.09	-0.08	-2.39e-05	-5.32e-04	3.60e-04
200	126	0.13	-0.12	-0.05	6.93e-06	-4.99e-04	4.32e-04
200	150	0.03	-0.19	-0.04	5.02e-05	-4.93e-04	4.63e-04
200	155	-2.17e-03	0.11	-0.08	-3.10e-05	-5.35e-04	3.50e-04
201	45	-0.03	0.04	-0.15	0.0	-9.05e-05	-4.32e-05
201	56	-0.02	0.05	-0.15	0.0	-8.19e-05	-3.53e-05
201	65	-0.02	0.06	-0.15	0.0	-8.28e-05	-3.67e-05
201	95	-0.10	0.05	-0.11	0.0	-7.71e-05	-4.47e-05
201	101	0.07	0.04	-0.13	0.0	-4.60e-05	-4.25e-05
201	115	-0.05	0.18	-0.12	0.0	-6.46e-05	5.77e-05
201	127	-0.12	0.05	-0.11	0.0	-7.99e-05	-4.79e-05
201	133	0.08	0.04	-0.13	0.0	-4.28e-05	-4.54e-05
201	147	-0.06	0.21	-0.12	0.0	-6.53e-05	7.49e-05
202	16	-0.02	0.07	-0.14	0.0	2.57e-04	7.93e-06
202	45	-0.03	0.07	-0.13	0.0	2.45e-04	5.94e-06
202	65	-0.02	0.09	-0.13	0.0	2.50e-04	1.23e-05
202	94	0.07	0.04	-0.12	0.0	2.17e-04	2.60e-05
202	107	-0.11	0.12	-0.09	0.0	1.73e-04	2.61e-05
202	115	-0.05	0.22	-0.09	0.0	1.75e-04	8.16e-05
202	126	0.09	0.04	-0.12	0.0	2.21e-04	3.01e-05
202	139	-0.13	0.13	-0.08	0.0	1.68e-04	3.02e-05
202	147	-0.06	0.25	-0.09	0.0	1.71e-04	9.70e-05
203	24	0.03	0.28	-0.12	1.10e-04	0.0	-7.01e-04
203	65	0.02	0.29	-0.11	8.76e-05	0.0	-6.88e-04
203	76	0.02	0.27	-0.12	1.22e-04	0.0	-7.11e-04
203	101	0.11	0.25	-0.08	6.68e-05	0.0	-5.59e-04
203	119	-0.04	0.32	-0.07	-3.18e-05	0.0	-6.13e-04
203	124	0.02	0.11	-0.11	1.91e-04	0.0	-4.68e-04
203	133	0.13	0.26	-0.08	6.35e-05	0.0	-5.63e-04
203	151	-0.05	0.34	-0.06	-5.48e-05	0.0	-6.28e-04
203	156	0.02	0.09	-0.11	2.12e-04	0.0	-4.54e-04
204	16	-6.01e-03	0.09	-0.15	1.36e-05	-1.44e-05	-5.40e-05
204	45	-0.02	0.10	-0.14	8.73e-06	-2.11e-05	-4.66e-05
204	67	-0.01	0.13	-0.15	-2.40e-05	-1.98e-05	-6.19e-05
204	95	-0.10	0.10	-0.10	-4.24e-05	-3.08e-05	-6.03e-05
204	105	0.08	0.07	-0.12	-4.13e-06	-2.68e-06	-9.09e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
204	115	-0.05	0.24	-0.11	-1.01e-04	-2.65e-05	3.77e-05
204	127	-0.12	0.10	-0.10	-5.16e-05	-3.42e-05	-6.46e-05
204	137	0.10	0.07	-0.12	-6.49e-06	0.0	-1.01e-04
204	147	-0.05	0.28	-0.11	-1.22e-04	-2.89e-05	5.32e-05
205	24	0.04	0.36	-0.11	1.12e-03	0.0	2.74e-04
205	65	0.03	0.37	-0.10	1.11e-03	0.0	2.89e-04
205	76	0.03	0.36	-0.11	1.12e-03	0.0	2.61e-04
205	101	0.12	0.34	-0.07	8.58e-04	0.0	2.04e-04
205	119	-0.03	0.42	-0.06	7.17e-04	0.0	2.42e-04
205	120	0.03	0.16	-0.10	9.84e-04	0.0	1.56e-04
205	133	0.14	0.35	-0.07	8.58e-04	0.0	2.03e-04
205	151	-0.04	0.45	-0.06	6.89e-04	0.0	2.48e-04
205	152	0.03	0.14	-0.11	1.01e-03	0.0	1.46e-04
206	2	0.13	-0.01	-0.02	0.0	6.89e-04	6.96e-04
206	22	0.12	-0.02	-0.08	0.0	6.93e-04	7.22e-04
206	35	0.11	-0.02	-0.08	0.0	6.92e-04	7.17e-04
206	94	0.18	-0.09	-0.05	0.0	5.54e-04	5.70e-04
206	118	0.10	-0.14	-0.04	0.0	5.47e-04	6.05e-04
206	123	0.08	0.08	-0.08	0.0	5.16e-04	5.23e-04
206	126	0.20	-0.10	-0.05	0.0	5.58e-04	5.73e-04
206	150	0.10	-0.17	-0.04	0.0	5.50e-04	6.15e-04
206	155	0.08	0.10	-0.08	0.0	5.13e-04	5.17e-04
207	2	0.18	-0.02	-0.02	0.0	1.15e-05	1.13e-03
207	22	0.17	-0.03	-0.07	0.0	1.80e-05	1.15e-03
207	35	0.16	-0.02	-0.08	0.0	1.67e-05	1.15e-03
207	94	0.22	-0.09	-0.05	0.0	3.05e-05	9.04e-04
207	118	0.14	-0.15	-0.04	0.0	2.91e-05	9.37e-04
207	123	0.12	0.08	-0.08	0.0	-4.35e-06	8.32e-04
207	126	0.24	-0.11	-0.05	0.0	3.37e-05	9.08e-04
207	150	0.14	-0.18	-0.04	0.0	3.20e-05	9.47e-04
207	155	0.12	0.10	-0.08	0.0	-7.64e-06	8.22e-04
208	2	0.13	-0.02	-0.02	0.0	-6.70e-04	9.11e-04
208	22	0.12	-0.03	-0.07	0.0	-6.65e-04	9.37e-04
208	35	0.11	-0.03	-0.08	0.0	-6.67e-04	9.30e-04
208	94	0.18	-0.10	-0.05	0.0	-5.01e-04	7.39e-04
208	118	0.10	-0.16	-0.04	0.0	-4.92e-04	7.68e-04
208	123	0.08	0.09	-0.08	0.0	-5.34e-04	6.67e-04
208	126	0.20	-0.11	-0.05	0.0	-4.99e-04	7.43e-04
208	150	0.10	-0.18	-0.04	0.0	-4.88e-04	7.78e-04
208	155	0.07	0.11	-0.08	0.0	-5.38e-04	6.56e-04
209	2	0.03	-0.02	-8.94e-03	9.67e-05	6.48e-05	-1.83e-05
209	22	0.01	-0.03	-0.07	9.30e-05	7.13e-05	1.72e-05
209	55	5.05e-03	-0.03	-0.07	9.30e-05	7.11e-05	1.89e-05
209	94	0.10	-0.09	-0.04	6.59e-05	6.67e-05	2.77e-05
209	118	8.24e-03	-0.15	-0.03	1.06e-04	7.06e-05	6.10e-05
209	123	4.98e-03	0.08	-0.08	3.15e-05	3.67e-05	-1.68e-05
209	126	0.12	-0.11	-0.04	6.47e-05	6.90e-05	3.10e-05
209	150	8.76e-03	-0.17	-0.03	1.13e-04	7.37e-05	7.10e-05
209	155	4.79e-03	0.10	-0.08	2.36e-05	3.32e-05	-2.25e-05
210	2	0.03	-0.02	-0.01	2.13e-05	-8.58e-06	-1.91e-05
210	22	0.01	-0.03	-0.07	1.80e-05	-2.13e-06	1.61e-05
210	55	7.27e-03	-0.03	-0.08	1.80e-05	-2.27e-06	1.79e-05
210	94	0.10	-0.10	-0.04	8.90e-06	8.93e-06	2.39e-05
210	118	0.01	-0.16	-0.03	4.56e-05	1.48e-05	5.26e-05
210	123	4.80e-03	0.08	-0.08	-2.28e-05	-2.03e-05	-3.16e-05
210	126	0.12	-0.11	-0.04	7.75e-06	1.09e-05	2.66e-05
210	150	0.01	-0.18	-0.03	5.17e-05	1.80e-05	6.11e-05
210	155	4.21e-03	0.10	-0.08	-3.00e-05	-2.39e-05	-4.02e-05
211	2	0.02	-0.02	-0.01	-4.32e-05	-7.46e-05	-8.07e-06
211	22	0.01	-0.03	-0.07	-4.68e-05	-6.84e-05	2.48e-05
211	55	3.52e-03	-0.03	-0.08	-4.69e-05	-6.86e-05	2.68e-05
211	94	0.10	-0.10	-0.04	-4.10e-05	-4.11e-05	3.15e-05
211	118	0.01	-0.16	-0.03	-1.03e-06	-3.57e-05	6.12e-05
211	123	7.21e-05	0.08	-0.08	-7.64e-05	-7.18e-05	-6.70e-06
211	126	0.12	-0.11	-0.04	-4.21e-05	-3.90e-05	3.44e-05
211	150	0.01	-0.19	-0.03	5.68e-06	-3.24e-05	7.01e-05
211	155	-9.10e-04	0.11	-0.09	-8.44e-05	-7.54e-05	-1.16e-05
212	2	0.01	-0.49	-3.88e-03	-1.20e-03	0.0	-5.75e-06
212	55	-8.93e-03	-0.46	-0.07	-1.24e-03	0.0	2.39e-05
212	95	-0.10	-0.30	-0.06	-1.00e-03	0.0	-1.06e-05
212	118	-6.04e-04	-0.49	-0.04	-7.79e-04	0.0	7.97e-05
212	123	-8.48e-03	-0.23	-0.07	-1.10e-03	0.0	-2.56e-05
212	127	-0.12	-0.29	-0.06	-1.02e-03	0.0	-1.52e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
212	150	3.60e-04	-0.52	-0.04	-7.47e-04	0.0	9.33e-05
212	155	-9.22e-03	-0.21	-0.07	-1.13e-03	0.0	-3.32e-05
213	2	5.99e-03	-0.02	-2.90e-03	1.34e-03	7.27e-06	-6.34e-06
213	47	-0.02	-2.03e-03	-0.07	1.30e-03	8.75e-06	2.33e-05
213	55	-0.02	1.79e-03	-0.07	1.29e-03	9.97e-06	2.97e-05
213	95	-0.10	0.03	-0.06	9.75e-04	3.24e-06	2.72e-06
213	118	-8.06e-03	-0.08	-0.04	1.06e-03	1.29e-05	7.03e-05
213	119	-0.01	0.08	-0.06	9.37e-04	1.04e-06	-3.12e-05
213	127	-0.12	0.04	-0.06	9.71e-04	2.57e-06	0.0
213	150	-7.56e-03	-0.10	-0.04	1.07e-03	1.38e-05	8.06e-05
213	151	-0.01	0.09	-0.07	9.24e-04	0.0	-4.15e-05
214	2	-0.03	0.01	-0.07	-1.21e-05	2.56e-04	3.22e-05
214	65	-0.01	0.10	-0.11	-3.65e-05	2.53e-04	7.29e-05
214	88	-0.02	0.04	-0.14	3.79e-06	2.58e-04	6.11e-05
214	104	-0.11	0.05	-0.09	-4.22e-06	1.83e-04	6.58e-05
214	110	-0.01	-0.08	-0.13	4.14e-05	2.16e-04	-4.19e-06
214	115	-9.49e-03	0.22	-0.07	-6.67e-05	1.76e-04	1.30e-04
214	136	-0.12	0.05	-0.09	-2.41e-06	1.81e-04	6.86e-05
214	142	-0.01	-0.11	-0.13	5.22e-05	2.20e-04	-1.56e-05
214	147	-9.34e-03	0.25	-0.06	-7.73e-05	1.72e-04	1.46e-04
215	46	-0.04	0.05	-0.12	4.61e-05	-3.41e-04	-7.50e-06
215	56	-0.03	0.06	-0.13	4.48e-05	-3.36e-04	0.0
215	68	-0.03	0.07	-0.13	4.08e-05	-3.34e-04	3.67e-06
215	95	-0.11	0.04	-0.09	1.64e-05	-2.69e-04	-1.91e-05
215	113	-0.04	0.15	-0.12	-1.08e-05	-2.38e-04	5.98e-05
215	115	-0.08	0.18	-0.11	-6.61e-06	-2.49e-04	8.07e-05
215	127	-0.13	0.05	-0.09	1.25e-05	-2.71e-04	-2.22e-05
215	145	-0.04	0.18	-0.13	-2.03e-05	-2.34e-04	7.27e-05
215	147	-0.09	0.20	-0.12	-1.52e-05	-2.46e-04	9.79e-05
216	16	-7.18e-03	0.04	-0.14	2.81e-05	3.35e-05	3.84e-05
216	45	-0.02	0.04	-0.14	2.08e-05	2.50e-05	3.46e-05
216	68	-0.01	0.06	-0.14	2.61e-05	2.80e-05	4.51e-05
216	104	-0.08	0.03	-0.10	2.21e-05	1.20e-05	4.07e-05
216	105	0.07	0.02	-0.11	2.10e-05	3.49e-05	-1.80e-05
216	115	-0.03	0.14	-0.11	1.12e-05	2.94e-06	1.16e-04
216	136	-0.10	0.03	-0.10	2.22e-05	9.83e-06	4.32e-05
216	137	0.08	0.02	-0.12	2.09e-05	3.73e-05	-2.74e-05
216	147	-0.03	0.17	-0.11	9.26e-06	-1.08e-06	1.33e-04
217	16	-0.02	0.04	-0.15	-4.44e-05	-8.14e-05	1.06e-04
217	45	-0.03	0.04	-0.14	-5.40e-05	-9.24e-05	1.01e-04
217	65	-0.03	0.06	-0.14	-6.37e-05	-8.85e-05	1.14e-04
217	94	0.07	0.02	-0.12	-1.32e-05	-3.77e-05	9.78e-05
217	95	-0.10	0.05	-0.10	-6.02e-05	-9.31e-05	6.26e-05
217	115	-0.05	0.18	-0.10	-8.40e-05	-8.12e-05	1.50e-04
217	126	0.09	0.02	-0.12	-8.55e-06	-3.21e-05	1.01e-04
217	127	-0.12	0.05	-0.09	-6.48e-05	-9.87e-05	5.90e-05
217	147	-0.06	0.21	-0.10	-9.34e-05	-8.43e-05	1.64e-04
218	16	-0.02	0.05	-0.15	-2.07e-04	1.88e-06	9.79e-05
218	45	-0.03	0.05	-0.13	-2.13e-04	-9.39e-06	9.56e-05
218	65	-0.02	0.07	-0.14	-2.47e-04	-4.75e-06	1.03e-04
218	93	0.07	0.11	-0.12	-1.77e-04	9.50e-06	9.42e-05
218	95	-0.11	0.05	-0.10	-1.97e-04	-1.49e-05	1.98e-05
218	115	-0.05	0.19	-0.10	-2.53e-04	-9.41e-06	2.54e-05
218	125	0.08	0.12	-0.12	-1.81e-04	1.18e-05	9.82e-05
218	127	-0.12	0.06	-0.09	-2.04e-04	-1.73e-05	8.61e-06
218	147	-0.06	0.22	-0.10	-2.71e-04	-1.05e-05	1.54e-05
219	45	-0.04	0.04	-0.12	1.52e-05	5.40e-04	-5.44e-04
219	56	-0.03	0.05	-0.13	1.82e-05	5.45e-04	-5.34e-04
219	65	-0.03	0.07	-0.13	8.88e-06	5.45e-04	-5.35e-04
219	95	-0.12	0.04	-0.09	-6.77e-06	4.11e-04	-4.35e-04
219	113	-0.03	0.17	-0.12	-3.01e-05	4.41e-04	-3.45e-04
219	115	-0.08	0.20	-0.11	-3.42e-05	4.30e-04	-3.70e-04
219	127	-0.14	0.04	-0.09	-1.13e-05	4.09e-04	-4.39e-04
219	145	-0.03	0.20	-0.13	-3.94e-05	4.45e-04	-3.31e-04
219	147	-0.09	0.23	-0.12	-4.44e-05	4.32e-04	-3.61e-04
220	2	-0.02	-0.05	-0.09	-9.02e-04	-1.63e-05	2.86e-05
220	16	-0.01	8.91e-03	-0.15	-8.30e-04	-1.45e-05	6.66e-05
220	45	-0.03	0.01	-0.14	-8.35e-04	-2.18e-05	7.47e-05
220	95	-0.10	0.03	-0.10	-6.60e-04	-3.36e-05	-4.52e-06
220	105	0.07	4.15e-03	-0.12	-6.50e-04	0.0	-4.98e-06
220	115	-0.05	0.16	-0.11	-6.79e-04	-2.86e-05	4.11e-06
220	127	-0.12	0.03	-0.10	-6.63e-04	-3.78e-05	-1.60e-05
220	137	0.09	3.53e-03	-0.12	-6.53e-04	2.69e-06	-1.65e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
220	147	-0.05	0.19	-0.11	-6.86e-04	-3.17e-05	-5.49e-06
221	2	0.01	-0.30	-4.44e-03	-2.05e-03	0.0	-3.72e-05
221	47	-0.01	-0.26	-0.07	-2.05e-03	0.0	-5.01e-06
221	55	-9.50e-03	-0.26	-0.08	-2.06e-03	0.0	3.16e-06
221	95	-0.10	-0.15	-0.06	-1.63e-03	0.0	-3.01e-05
221	118	-1.05e-03	-0.35	-0.04	-1.43e-03	0.0	7.62e-05
221	119	-0.01	-0.06	-0.07	-1.73e-03	0.0	-8.33e-05
221	127	-0.12	-0.14	-0.06	-1.64e-03	0.0	-3.55e-05
221	150	-6.17e-05	-0.38	-0.04	-1.40e-03	0.0	9.22e-05
221	151	-0.01	-0.03	-0.07	-1.76e-03	0.0	-9.93e-05
222	45	-0.02	0.04	-0.12	-6.34e-05	1.07e-04	8.26e-05
222	65	-0.01	0.07	-0.13	-6.96e-05	1.14e-04	9.16e-05
222	67	-0.01	0.07	-0.13	-6.95e-05	1.14e-04	9.16e-05
222	95	-0.11	0.04	-0.10	-6.76e-05	8.47e-05	4.97e-05
222	113	-0.02	0.17	-0.13	-9.14e-05	1.13e-04	1.29e-04
222	115	-0.07	0.20	-0.12	-9.57e-05	1.05e-04	1.10e-04
222	127	-0.12	0.05	-0.10	-7.22e-05	8.50e-05	4.62e-05
222	145	-0.03	0.20	-0.13	-1.01e-04	1.19e-04	1.42e-04
222	147	-0.09	0.23	-0.12	-1.06e-04	1.10e-04	1.19e-04
223	2	7.59e-03	-0.33	-3.56e-03	2.32e-03	0.0	-1.36e-05
223	47	-0.02	-0.30	-0.07	2.29e-03	0.0	1.72e-05
223	55	-0.01	-0.29	-0.07	2.28e-03	0.0	2.39e-05
223	95	-0.10	-0.19	-0.06	1.71e-03	0.0	-3.40e-06
223	118	-6.09e-03	-0.32	-0.04	1.89e-03	0.0	6.96e-05
223	119	-0.01	-0.14	-0.06	1.63e-03	0.0	-4.03e-05
223	127	-0.12	-0.19	-0.06	1.70e-03	0.0	-7.07e-06
223	150	-5.46e-03	-0.34	-0.04	1.92e-03	0.0	8.07e-05
223	151	-0.01	-0.12	-0.07	1.60e-03	0.0	-5.14e-05
224	2	9.27e-03	-0.55	-3.96e-03	6.80e-04	0.0	-2.98e-05
224	47	-0.02	-0.51	-0.07	6.53e-04	0.0	2.21e-06
224	55	-0.01	-0.51	-0.07	6.45e-04	0.0	9.41e-06
224	95	-0.10	-0.35	-0.06	4.46e-04	0.0	-1.79e-05
224	118	-4.07e-03	-0.51	-0.04	6.61e-04	0.0	6.59e-05
224	119	-0.01	-0.28	-0.06	3.49e-04	0.0	-6.03e-05
224	127	-0.12	-0.34	-0.06	4.35e-04	0.0	-2.21e-05
224	150	-3.30e-03	-0.53	-0.04	6.92e-04	0.0	7.87e-05
224	151	-0.01	-0.26	-0.07	3.18e-04	0.0	-7.31e-05
225	2	0.01	-0.49	-4.11e-03	-1.27e-03	0.0	-3.71e-05
225	47	-0.01	-0.46	-0.07	-1.29e-03	0.0	-4.67e-06
225	55	-0.01	-0.45	-0.08	-1.30e-03	0.0	3.10e-06
225	95	-0.10	-0.30	-0.06	-1.04e-03	0.0	-2.69e-05
225	118	-2.15e-03	-0.49	-0.04	-8.33e-04	0.0	6.98e-05
225	119	-0.01	-0.22	-0.07	-1.14e-03	0.0	-7.57e-05
225	127	-0.12	-0.29	-0.06	-1.06e-03	0.0	-3.18e-05
225	150	-1.26e-03	-0.51	-0.04	-8.02e-04	0.0	8.45e-05
225	151	-0.01	-0.19	-0.07	-1.17e-03	0.0	-9.04e-05
226	2	2.66e-03	-0.03	-4.49e-03	1.35e-03	1.39e-05	-1.12e-05
226	45	-0.02	1.53e-03	-0.07	1.30e-03	1.35e-05	1.85e-05
226	55	-0.02	6.27e-03	-0.08	1.29e-03	1.49e-05	2.48e-05
226	95	-0.11	0.03	-0.06	9.77e-04	7.84e-06	0.0
226	117	0.03	0.07	-0.07	9.42e-04	1.63e-05	-1.18e-05
226	119	-0.02	0.08	-0.06	9.38e-04	1.29e-05	-3.41e-05
226	127	-0.13	0.03	-0.06	9.72e-04	7.36e-06	-4.05e-06
226	149	0.04	0.08	-0.07	9.30e-04	1.71e-05	-1.74e-05
226	151	-0.02	0.09	-0.07	9.25e-04	1.32e-05	-4.43e-05
227	21	0.03	0.02	-0.14	1.42e-04	-3.83e-05	3.45e-05
227	67	0.02	0.03	-0.14	1.35e-04	-4.22e-05	3.97e-05
227	76	0.02	0.02	-0.15	1.62e-04	-3.29e-05	2.65e-05
227	101	0.10	0.05	-0.10	8.95e-05	-2.53e-05	1.03e-05
227	119	-0.03	0.10	-0.10	5.92e-05	-3.73e-05	-2.67e-05
227	124	0.01	-0.07	-0.12	1.69e-04	-2.45e-05	7.53e-05
227	133	0.12	0.05	-0.10	8.51e-05	-2.46e-05	7.38e-06
227	151	-0.04	0.12	-0.10	4.87e-05	-3.89e-05	-3.71e-05
227	156	0.01	-0.08	-0.12	1.81e-04	-2.39e-05	8.55e-05
228	21	0.03	0.03	-0.10	-8.20e-04	3.28e-06	8.38e-06
228	67	0.03	0.03	-0.10	-8.28e-04	-1.91e-06	1.36e-05
228	76	0.02	0.02	-0.12	-8.07e-04	8.72e-06	0.0
228	101	0.11	0.05	-0.07	-6.50e-04	8.01e-06	-9.50e-06
228	119	-0.03	0.11	-0.06	-6.76e-04	-7.32e-06	-4.60e-05
228	124	0.02	-0.06	-0.10	-5.76e-04	6.82e-06	5.45e-05
228	133	0.13	0.06	-0.07	-6.54e-04	9.00e-06	-1.24e-05
228	151	-0.05	0.12	-0.06	-6.86e-04	-9.04e-06	-5.63e-05
228	156	0.02	-0.08	-0.11	-5.66e-04	7.20e-06	6.46e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
229	45	-0.11	0.04	-0.12	0.0	4.97e-04	-6.68e-04
229	56	-0.10	0.06	-0.13	0.0	5.01e-04	-6.58e-04
229	65	-0.11	0.07	-0.13	0.0	5.02e-04	-6.59e-04
229	95	-0.17	0.04	-0.09	0.0	3.81e-04	-5.29e-04
229	113	-0.09	0.17	-0.12	0.0	4.10e-04	-4.38e-04
229	115	-0.14	0.19	-0.11	0.0	4.01e-04	-4.62e-04
229	127	-0.19	0.05	-0.09	0.0	3.81e-04	-5.33e-04
229	145	-0.09	0.20	-0.13	0.0	4.15e-04	-4.23e-04
229	147	-0.15	0.22	-0.12	0.0	4.04e-04	-4.52e-04
230	2	0.01	3.66e-03	-0.10	-1.04e-04	1.20e-04	0.0
230	21	0.03	-3.03e-03	-0.15	-9.20e-05	1.04e-04	3.04e-05
230	36	0.02	3.93e-04	-0.16	-8.66e-05	1.04e-04	2.62e-05
230	101	0.11	0.05	-0.11	-8.47e-05	9.52e-05	5.73e-06
230	118	0.06	-0.11	-0.13	-3.94e-05	7.71e-05	7.64e-05
230	120	0.02	-0.09	-0.13	-3.04e-05	6.62e-05	5.29e-05
230	133	0.13	0.06	-0.10	-8.78e-05	9.81e-05	2.55e-06
230	150	0.07	-0.14	-0.13	-3.36e-05	7.65e-05	8.75e-05
230	152	0.02	-0.11	-0.14	-2.28e-05	6.35e-05	5.93e-05
231	2	0.02	-6.25e-03	-0.09	1.95e-04	1.72e-04	-1.18e-05
231	21	4.09e-03	-0.01	-0.14	1.67e-04	1.53e-04	2.66e-05
231	35	-3.66e-03	-8.13e-03	-0.14	1.67e-04	1.51e-04	2.29e-05
231	95	-0.09	0.05	-0.12	1.15e-04	1.04e-04	0.0
231	118	6.69e-03	-0.12	-0.09	1.62e-04	1.36e-04	7.38e-05
231	123	-6.07e-03	0.08	-0.12	9.56e-05	9.78e-05	-1.43e-05
231	127	-0.11	0.07	-0.12	1.13e-04	1.01e-04	-3.76e-06
231	150	8.13e-03	-0.14	-0.09	1.68e-04	1.39e-04	8.50e-05
231	155	-7.24e-03	0.10	-0.13	8.92e-05	9.40e-05	-2.10e-05
232	2	0.02	0.01	-0.10	-6.22e-05	6.24e-05	1.34e-05
232	22	0.04	7.33e-03	-0.15	-7.19e-05	7.13e-05	9.15e-06
232	35	0.03	9.75e-03	-0.15	-6.80e-05	6.76e-05	6.95e-06
232	101	0.12	0.07	-0.10	-7.09e-05	6.77e-05	3.53e-06
232	119	-0.02	0.14	-0.10	-9.22e-05	5.91e-05	6.23e-05
232	120	0.02	-0.10	-0.13	-7.03e-06	3.63e-05	-3.25e-05
232	133	0.14	0.08	-0.10	-7.40e-05	7.04e-05	2.97e-06
232	151	-0.03	0.17	-0.10	-9.95e-05	5.99e-05	7.29e-05
232	152	0.02	-0.12	-0.14	2.26e-06	3.30e-05	-3.95e-05
233	2	0.04	-0.04	-0.08	9.31e-05	9.30e-05	-1.37e-04
233	55	0.02	-0.04	-0.14	9.18e-05	9.89e-05	-4.92e-05
233	86	0.03	-0.04	-0.14	9.65e-05	1.00e-04	-7.02e-05
233	94	0.11	-0.10	-0.10	9.16e-05	9.10e-05	-4.15e-05
233	118	0.03	-0.17	-0.09	1.16e-04	9.99e-05	-9.08e-05
233	123	4.52e-03	0.08	-0.12	3.01e-05	5.19e-05	2.27e-06
233	126	0.13	-0.12	-0.10	9.50e-05	9.37e-05	-4.11e-05
233	150	0.03	-0.19	-0.09	1.25e-04	1.04e-04	-1.00e-04
233	155	1.88e-03	0.10	-0.13	2.18e-05	4.70e-05	1.12e-05
234	45	-0.01	0.07	-0.13	8.15e-05	-1.29e-05	1.38e-06
234	67	-4.12e-03	0.09	-0.13	6.86e-05	-1.07e-05	5.86e-06
234	88	-4.67e-03	0.04	-0.14	1.13e-04	4.43e-06	1.14e-06
234	107	-0.10	0.11	-0.09	4.49e-05	-3.42e-05	2.69e-05
234	110	6.36e-03	-0.08	-0.12	1.32e-04	2.77e-05	-5.82e-05
234	115	-0.01	0.20	-0.09	4.96e-06	-3.42e-05	8.76e-05
234	139	-0.12	0.12	-0.09	4.01e-05	-4.05e-05	3.18e-05
234	142	8.33e-03	-0.11	-0.12	1.45e-04	3.39e-05	-7.07e-05
234	147	-0.02	0.23	-0.09	-7.90e-06	-4.05e-05	1.05e-04
235	2	-8.89e-03	-0.05	-0.09	1.78e-04	0.0	2.77e-06
235	45	-0.02	-0.02	-0.14	1.55e-04	0.0	1.47e-04
235	56	-8.47e-03	-9.25e-03	-0.15	1.55e-04	0.0	1.53e-04
235	103	-0.09	0.05	-0.10	6.69e-05	0.0	1.30e-04
235	105	0.07	-0.01	-0.12	1.09e-04	0.0	6.17e-05
235	114	0.02	-0.14	-0.11	2.59e-04	0.0	1.66e-04
235	135	-0.11	0.06	-0.10	5.55e-05	0.0	1.33e-04
235	137	0.09	-0.01	-0.12	1.06e-04	0.0	5.11e-05
235	146	0.03	-0.16	-0.11	2.87e-04	0.0	1.77e-04
236	24	0.03	-0.03	-0.14	3.53e-04	0.0	1.03e-04
236	76	0.02	-0.04	-0.15	3.64e-04	0.0	9.43e-05
236	88	0.01	-0.04	-0.15	3.70e-04	0.0	8.89e-05
236	101	0.10	0.01	-0.10	2.57e-04	0.0	5.91e-05
236	118	0.06	-0.12	-0.12	4.40e-04	0.0	1.46e-04
236	124	0.01	-0.12	-0.12	4.23e-04	0.0	1.44e-04
236	133	0.12	0.02	-0.10	2.55e-04	0.0	5.53e-05
236	150	0.07	-0.14	-0.12	4.74e-04	0.0	1.60e-04
236	156	0.01	-0.14	-0.13	4.54e-04	0.0	1.58e-04
237	45	-0.02	0.08	-0.12	0.0	-3.73e-05	2.36e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
237	65	-3.23e-03	0.11	-0.12	0.0	-3.68e-05	3.27e-05
237	76	-7.39e-04	0.06	-0.14	0.0	-2.56e-05	1.79e-05
237	107	-0.10	0.13	-0.08	0.0	-4.14e-05	4.16e-05
237	110	0.04	-0.10	-0.12	0.0	-5.12e-06	-4.22e-05
237	115	-0.04	0.24	-0.08	0.0	-4.09e-05	1.01e-04
237	139	-0.12	0.15	-0.08	0.0	-4.48e-05	4.62e-05
237	142	0.05	-0.13	-0.13	0.0	-1.77e-06	-5.46e-05
237	147	-0.05	0.28	-0.07	0.0	-4.40e-05	1.18e-04
238	2	-0.02	0.01	-0.07	3.25e-06	2.91e-05	-6.05e-05
238	65	-7.10e-04	0.10	-0.11	-2.20e-05	2.03e-05	-2.56e-05
238	88	-4.92e-03	0.04	-0.14	2.01e-05	3.08e-05	-2.44e-05
238	104	-0.10	0.05	-0.09	7.98e-06	8.45e-06	-3.84e-06
238	110	-0.01	-0.09	-0.13	5.94e-05	3.99e-05	-6.74e-05
238	115	8.08e-03	0.22	-0.05	-6.17e-05	0.0	5.31e-05
238	136	-0.12	0.05	-0.09	9.85e-06	6.23e-06	-1.06e-06
238	142	-0.02	-0.12	-0.14	7.14e-05	4.38e-05	-7.74e-05
238	147	0.01	0.26	-0.05	-7.37e-05	-3.27e-06	6.74e-05
239	16	-3.65e-03	0.08	-0.14	-3.86e-05	-1.38e-05	3.38e-05
239	47	-0.03	0.09	-0.13	-4.50e-05	-2.43e-05	1.33e-05
239	65	-0.01	0.12	-0.13	-5.98e-05	-2.10e-05	3.22e-05
239	94	0.09	0.05	-0.12	-5.23e-06	1.10e-05	4.04e-05
239	107	-0.11	0.14	-0.09	-5.41e-05	-3.00e-05	4.51e-05
239	115	-0.05	0.26	-0.09	-9.05e-05	-3.08e-05	9.90e-05
239	126	0.11	0.05	-0.12	0.0	1.56e-05	4.41e-05
239	139	-0.13	0.16	-0.09	-5.87e-05	-3.35e-05	4.97e-05
239	147	-0.05	0.29	-0.09	-1.02e-04	-3.43e-05	1.15e-04
240	47	-0.02	0.05	-0.13	7.93e-05	1.33e-05	-2.80e-05
240	56	-8.40e-03	0.06	-0.14	7.49e-05	1.32e-05	-2.18e-05
240	67	-9.66e-03	0.07	-0.13	6.80e-05	1.74e-05	-1.89e-05
240	107	-0.10	0.09	-0.10	7.32e-05	-2.10e-06	3.59e-06
240	115	-0.04	0.16	-0.11	2.68e-05	6.80e-06	6.48e-05
240	119	-0.04	0.15	-0.11	2.94e-05	6.60e-06	-7.50e-05
240	139	-0.12	0.10	-0.10	7.45e-05	-5.04e-06	8.43e-06
240	147	-0.04	0.19	-0.11	1.89e-05	5.89e-06	8.20e-05
240	151	-0.05	0.17	-0.11	2.19e-05	5.49e-06	-8.61e-05
241	47	-0.02	0.07	-0.15	-1.26e-04	0.0	6.82e-05
241	56	-0.01	0.09	-0.16	-1.45e-04	0.0	8.18e-05
241	67	-0.01	0.10	-0.15	-1.63e-04	0.0	8.98e-05
241	95	-0.10	0.10	-0.12	-1.21e-04	0.0	3.30e-05
241	119	-0.04	0.18	-0.13	-1.67e-04	0.0	-6.72e-06
241	123	-0.04	0.18	-0.12	-1.62e-04	0.0	1.85e-05
241	127	-0.12	0.11	-0.12	-1.24e-04	0.0	2.90e-05
241	151	-0.05	0.20	-0.13	-1.80e-04	0.0	-1.87e-05
241	155	-0.05	0.20	-0.13	-1.75e-04	0.0	1.16e-05
242	45	-0.15	0.04	-0.12	0.0	2.70e-05	-7.40e-04
242	56	-0.15	0.06	-0.13	0.0	3.11e-05	-7.30e-04
242	65	-0.15	0.07	-0.13	0.0	3.21e-05	-7.30e-04
242	95	-0.20	0.04	-0.09	0.0	1.09e-05	-5.83e-04
242	113	-0.12	0.16	-0.12	0.0	4.21e-05	-4.91e-04
242	115	-0.17	0.19	-0.11	0.0	2.96e-05	-5.13e-04
242	127	-0.22	0.04	-0.09	0.0	8.60e-06	-5.86e-04
242	145	-0.12	0.19	-0.13	0.0	4.60e-05	-4.76e-04
242	147	-0.18	0.22	-0.12	0.0	3.10e-05	-5.03e-04
243	47	-0.02	0.08	-0.12	-2.93e-05	-3.17e-05	2.32e-05
243	65	-1.63e-03	0.11	-0.11	-4.26e-05	-3.66e-05	1.92e-05
243	88	-6.68e-04	0.04	-0.14	-4.92e-06	-2.03e-05	1.19e-06
243	107	-0.10	0.13	-0.08	-4.04e-05	-3.96e-05	3.23e-05
243	110	2.82e-03	-0.10	-0.13	3.74e-05	-2.30e-06	-5.02e-05
243	115	-5.52e-03	0.25	-0.07	-7.51e-05	-4.13e-05	9.08e-05
243	139	-0.12	0.15	-0.07	-4.46e-05	-4.29e-05	3.69e-05
243	142	3.65e-03	-0.13	-0.13	4.87e-05	1.44e-06	-6.23e-05
243	147	-6.54e-03	0.28	-0.06	-8.62e-05	-4.48e-05	1.07e-04
244	45	-0.02	0.10	-0.14	-2.94e-05	0.0	-3.08e-06
244	56	-0.01	0.12	-0.15	-5.58e-05	0.0	-2.89e-06
244	67	-0.02	0.13	-0.15	-7.80e-05	0.0	-1.15e-06
244	95	-0.10	0.10	-0.11	-7.45e-05	0.0	-2.32e-05
244	105	0.08	0.08	-0.12	-3.70e-05	0.0	-5.59e-05
244	115	-0.05	0.23	-0.11	-1.38e-04	0.0	8.53e-05
244	127	-0.12	0.11	-0.11	-8.37e-05	0.0	-2.73e-05
244	137	0.10	0.08	-0.12	-3.98e-05	0.0	-6.67e-05
244	147	-0.05	0.27	-0.11	-1.60e-04	0.0	1.03e-04
245	2	0.01	-0.02	-0.09	1.26e-04	0.0	-1.36e-05
245	22	0.02	-0.01	-0.14	1.19e-04	0.0	3.04e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
245	55	8.34e-03	-5.07e-03	-0.15	1.09e-04	0.0	4.05e-05
245	95	-0.08	0.05	-0.13	2.61e-05	0.0	0.0
245	102	0.09	-7.48e-03	-0.10	1.46e-04	0.0	-5.17e-05
245	118	0.03	-0.15	-0.10	2.53e-04	0.0	8.92e-05
245	127	-0.10	0.07	-0.13	1.36e-05	0.0	-5.38e-06
245	134	0.11	-7.32e-03	-0.09	1.57e-04	0.0	-6.68e-05
245	150	0.03	-0.18	-0.10	2.85e-04	0.0	1.03e-04
246	16	-0.18	0.06	-0.14	0.0	4.14e-04	2.14e-04
246	45	-0.19	0.06	-0.13	0.0	4.04e-04	2.09e-04
246	65	-0.18	0.08	-0.13	0.0	4.09e-04	2.17e-04
246	102	-0.05	-0.04	-0.12	0.0	3.43e-04	1.08e-04
246	103	-0.22	0.12	-0.09	0.0	2.90e-04	2.17e-04
246	115	-0.17	0.19	-0.10	0.0	2.96e-04	2.41e-04
246	126	-0.04	0.03	-0.12	0.0	3.52e-04	1.84e-04
246	135	-0.24	0.14	-0.09	0.0	2.85e-04	2.28e-04
246	147	-0.18	0.23	-0.10	0.0	2.91e-04	2.57e-04
247	2	3.87e-03	-0.01	-0.09	7.98e-05	0.0	1.34e-05
247	22	0.01	3.89e-04	-0.14	6.64e-05	0.0	5.23e-05
247	55	3.16e-03	6.03e-03	-0.15	5.52e-05	0.0	6.06e-05
247	95	-0.08	0.06	-0.12	-2.06e-05	0.0	1.88e-05
247	102	0.09	3.32e-03	-0.09	1.11e-04	0.0	-2.94e-05
247	119	-0.03	0.12	-0.12	-1.26e-04	0.0	-2.17e-05
247	127	-0.10	0.07	-0.12	-3.45e-05	0.0	1.47e-05
247	134	0.10	3.75e-03	-0.09	1.23e-04	0.0	-4.33e-05
247	151	-0.03	0.15	-0.12	-1.61e-04	0.0	-3.40e-05
248	2	-0.01	0.01	-0.07	0.0	5.11e-05	-4.85e-05
248	65	1.97e-03	0.10	-0.11	0.0	4.58e-05	-8.73e-06
248	88	-1.05e-03	0.04	-0.14	0.0	5.28e-05	-2.20e-05
248	101	0.10	0.06	-0.10	0.0	5.41e-05	-2.35e-05
248	110	-7.72e-05	-0.09	-0.13	0.0	5.80e-05	-6.99e-05
248	115	3.76e-05	0.22	-0.07	0.0	1.67e-05	6.91e-05
248	133	0.12	0.06	-0.10	0.0	5.74e-05	-2.61e-05
248	142	-1.81e-04	-0.12	-0.13	0.0	6.21e-05	-8.18e-05
248	147	-9.29e-05	0.25	-0.06	0.0	1.26e-05	8.54e-05
249	2	-0.03	0.01	-0.07	5.45e-06	2.93e-05	-6.68e-05
249	65	-4.04e-03	0.10	-0.11	-1.85e-05	2.13e-05	-2.63e-05
249	88	-9.40e-03	0.05	-0.14	2.16e-05	3.18e-05	-3.51e-05
249	104	-0.10	0.05	-0.09	1.03e-05	9.46e-06	-8.91e-06
249	110	-0.02	-0.08	-0.13	6.24e-05	4.14e-05	-7.69e-05
249	115	6.53e-03	0.22	-0.05	-6.08e-05	0.0	5.28e-05
249	136	-0.13	0.05	-0.09	1.22e-05	7.28e-06	-6.09e-06
249	142	-0.02	-0.11	-0.14	7.47e-05	4.55e-05	-8.78e-05
249	147	8.80e-03	0.25	-0.05	-7.31e-05	-3.43e-06	6.82e-05
250	16	-0.15	0.06	-0.14	0.0	-8.32e-04	8.44e-05
250	45	-0.16	0.05	-0.13	0.0	-8.44e-04	7.85e-05
250	65	-0.15	0.07	-0.13	0.0	-8.40e-04	8.68e-05
250	102	-0.04	-0.04	-0.11	0.0	-6.09e-04	7.43e-06
250	103	-0.20	0.12	-0.09	0.0	-6.79e-04	1.18e-04
250	115	-0.14	0.19	-0.10	0.0	-6.65e-04	1.41e-04
250	126	-0.02	0.03	-0.12	0.0	-5.98e-04	8.28e-05
250	135	-0.21	0.14	-0.09	0.0	-6.86e-04	1.29e-04
250	147	-0.15	0.21	-0.10	0.0	-6.69e-04	1.57e-04
251	24	0.02	0.06	-0.13	-4.59e-05	-2.61e-05	8.63e-05
251	65	8.75e-03	0.08	-0.12	-6.66e-05	-3.93e-05	9.29e-05
251	76	6.52e-03	0.05	-0.13	-3.46e-05	-2.59e-05	7.83e-05
251	101	0.10	0.06	-0.09	-4.74e-05	-1.81e-05	5.00e-05
251	123	-0.04	0.15	-0.08	-9.23e-05	-2.22e-05	3.00e-05
251	124	2.48e-03	-0.06	-0.11	1.27e-05	-2.93e-05	1.22e-04
251	133	0.12	0.07	-0.09	-4.93e-05	-1.70e-05	4.69e-05
251	155	-0.05	0.18	-0.08	-1.03e-04	-2.25e-05	2.29e-05
251	156	1.78e-03	-0.08	-0.12	2.28e-05	-2.99e-05	1.33e-04
252	24	0.01	0.06	-0.13	-4.79e-06	-8.85e-06	1.03e-04
252	65	5.25e-03	0.08	-0.12	-2.70e-05	-3.38e-05	1.09e-04
252	76	4.22e-03	0.05	-0.13	7.03e-06	-2.30e-05	9.97e-05
252	101	0.10	0.07	-0.09	-1.82e-05	-5.96e-06	6.65e-05
252	123	-0.05	0.16	-0.08	-8.25e-05	-3.90e-05	4.70e-05
252	124	3.01e-04	-0.06	-0.11	6.51e-05	-1.33e-05	1.33e-04
252	133	0.12	0.07	-0.09	-2.05e-05	-2.99e-06	6.37e-05
252	155	-0.05	0.18	-0.08	-9.77e-05	-4.25e-05	4.03e-05
252	156	-4.12e-04	-0.08	-0.11	7.93e-05	-1.19e-05	1.43e-04
253	16	-6.95e-03	0.08	-0.15	-3.36e-05	-6.10e-06	2.44e-05
253	45	-0.03	0.08	-0.13	-4.08e-05	-1.39e-05	1.98e-06
253	65	-0.02	0.11	-0.14	-5.59e-05	-1.14e-05	1.03e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
253	95	-0.11	0.08	-0.09	-5.56e-05	-2.59e-05	-3.60e-05
253	101	0.08	0.07	-0.12	-3.78e-05	7.78e-06	-3.29e-05
253	115	-0.05	0.25	-0.11	-9.02e-05	-1.95e-05	-2.70e-05
253	125	0.10	0.17	-0.12	-3.78e-05	1.20e-05	3.97e-05
253	127	-0.13	0.08	-0.09	-6.09e-05	-2.99e-05	-4.63e-05
253	147	-0.06	0.29	-0.10	-1.03e-04	-2.21e-05	-3.54e-05
254	45	-0.01	0.03	-0.14	8.98e-05	-8.86e-06	3.12e-05
254	56	-5.12e-03	0.04	-0.14	9.64e-05	-4.85e-06	3.75e-05
254	65	-5.12e-03	0.04	-0.14	8.83e-05	-8.24e-06	4.03e-05
254	104	-0.08	0.01	-0.10	8.11e-05	-1.18e-05	3.86e-05
254	115	-0.02	0.11	-0.11	7.02e-05	-1.98e-05	1.06e-04
254	121	0.02	0.08	-0.11	6.73e-05	-1.20e-05	-2.26e-05
254	136	-0.10	0.01	-0.10	8.27e-05	-1.35e-05	4.13e-05
254	147	-0.03	0.13	-0.11	6.97e-05	-2.31e-05	1.23e-04
254	153	0.03	0.10	-0.11	6.61e-05	-1.37e-05	-3.23e-05
255	47	-0.01	-0.05	-0.14	9.88e-05	0.0	8.13e-05
255	56	-6.46e-03	-0.04	-0.15	9.51e-05	0.0	8.44e-05
255	88	-5.81e-03	-0.06	-0.14	1.25e-04	0.0	7.77e-05
255	103	-0.09	0.02	-0.11	2.56e-05	0.0	1.23e-04
255	114	0.02	-0.15	-0.10	2.13e-04	0.0	-2.34e-05
255	121	0.01	0.05	-0.12	-3.49e-05	0.0	6.08e-06
255	135	-0.10	0.03	-0.11	1.49e-05	0.0	1.36e-04
255	146	0.03	-0.17	-0.10	2.40e-04	0.0	-4.10e-05
255	153	0.02	0.06	-0.12	-5.79e-05	0.0	-5.53e-06
256	45	-8.78e-03	0.03	-0.13	-9.14e-05	-2.77e-05	3.14e-05
256	56	-1.51e-03	0.04	-0.14	-9.83e-05	-2.27e-05	3.78e-05
256	65	-1.17e-03	0.05	-0.13	-1.02e-04	-2.62e-05	4.05e-05
256	107	-0.08	0.06	-0.10	-6.72e-05	-3.99e-05	4.79e-05
256	115	-0.02	0.11	-0.11	-1.06e-04	-3.86e-05	1.03e-04
256	121	0.01	0.09	-0.11	-1.13e-04	-2.66e-05	-2.32e-05
256	139	-0.10	0.07	-0.10	-6.74e-05	-4.45e-05	5.24e-05
256	147	-0.02	0.13	-0.11	-1.14e-04	-4.30e-05	1.19e-04
256	153	0.02	0.10	-0.11	-1.22e-04	-2.85e-05	-3.32e-05
257	16	-0.02	0.06	-0.15	-1.17e-04	1.92e-04	6.35e-05
257	45	-0.03	0.06	-0.14	-1.25e-04	1.81e-04	6.01e-05
257	65	-0.02	0.09	-0.14	-1.43e-04	1.85e-04	6.67e-05
257	94	0.07	0.04	-0.12	-6.10e-05	1.62e-04	6.36e-05
257	95	-0.11	0.06	-0.09	-1.23e-04	1.27e-04	3.30e-05
257	115	-0.05	0.21	-0.10	-1.63e-04	1.34e-04	1.36e-04
257	126	0.09	0.03	-0.12	-5.49e-05	1.66e-04	6.67e-05
257	127	-0.12	0.06	-0.09	-1.30e-04	1.23e-04	2.98e-05
257	147	-0.06	0.24	-0.10	-1.78e-04	1.33e-04	1.54e-04
258	16	-7.91e-03	0.09	-0.15	-3.81e-05	-2.59e-05	2.38e-05
258	47	-0.03	0.09	-0.14	-4.42e-05	-3.04e-05	0.0
258	65	-0.02	0.12	-0.14	-5.82e-05	-2.39e-05	5.79e-06
258	95	-0.11	0.08	-0.09	-5.79e-05	-3.62e-05	-3.43e-05
258	101	0.08	0.08	-0.12	-3.96e-05	-4.48e-06	-2.99e-05
258	115	-0.05	0.26	-0.11	-9.21e-05	-3.35e-05	-2.42e-05
258	125	0.10	0.18	-0.12	-3.91e-05	0.0	3.92e-05
258	127	-0.13	0.09	-0.09	-6.33e-05	-4.03e-05	-4.40e-05
258	147	-0.06	0.30	-0.10	-1.05e-04	-3.70e-05	-3.17e-05
259	2	0.02	-0.18	-9.42e-03	4.13e-05	0.0	-1.22e-03
259	55	1.33e-03	-0.18	-0.08	3.63e-05	0.0	-1.17e-03
259	86	8.74e-03	-0.19	-0.07	4.04e-05	0.0	-1.18e-03
259	94	0.10	-0.21	-0.04	2.11e-05	0.0	-8.94e-04
259	118	6.91e-03	-0.27	-0.03	8.04e-05	0.0	-9.22e-04
259	123	2.64e-04	-0.04	-0.08	-3.12e-05	0.0	-8.65e-04
259	126	0.12	-0.22	-0.04	1.94e-05	0.0	-8.92e-04
259	150	7.76e-03	-0.29	-0.03	9.05e-05	0.0	-9.26e-04
259	155	-3.15e-04	-0.02	-0.08	-4.32e-05	0.0	-8.57e-04
260	2	0.02	-0.13	-8.68e-03	-6.70e-04	0.0	-1.01e-03
260	55	5.75e-04	-0.13	-0.07	-6.73e-04	0.0	-9.48e-04
260	86	7.91e-03	-0.14	-0.07	-6.69e-04	0.0	-9.68e-04
260	94	0.10	-0.17	-0.04	-4.98e-04	0.0	-7.36e-04
260	118	7.85e-03	-0.24	-0.03	-4.74e-04	0.0	-7.69e-04
260	123	-2.13e-03	6.11e-03	-0.07	-5.59e-04	0.0	-6.86e-04
260	126	0.12	-0.19	-0.04	-4.95e-04	0.0	-7.36e-04
260	150	9.03e-03	-0.26	-0.03	-4.65e-04	0.0	-7.75e-04
260	155	-3.10e-03	0.03	-0.08	-5.67e-04	0.0	-6.76e-04
261	2	0.02	-0.02	-8.02e-03	1.04e-03	-6.18e-06	-7.35e-05
261	55	-5.10e-03	-0.01	-0.08	9.97e-04	3.54e-06	-3.35e-05
261	87	2.50e-03	-0.02	-0.07	9.99e-04	2.76e-06	-4.58e-05
261	95	-0.10	0.04	-0.06	7.51e-04	-7.41e-06	-4.73e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
261	118	-1.02e-03	-0.12	-0.04	8.10e-04	1.79e-05	2.57e-05
261	123	-1.05e-03	0.07	-0.07	7.26e-04	-1.45e-05	-6.12e-05
261	127	-0.12	0.05	-0.06	7.48e-04	-9.22e-06	-5.10e-05
261	150	-8.12e-04	-0.14	-0.03	8.18e-04	2.09e-05	3.68e-05
261	155	-8.73e-04	0.09	-0.08	7.18e-04	-1.78e-05	-6.78e-05
262	2	0.02	-0.18	-7.13e-03	-1.30e-03	0.0	-9.02e-04
262	55	-7.36e-04	-0.17	-0.07	-1.33e-03	0.0	-8.16e-04
262	94	0.10	-0.20	-0.05	-1.02e-03	0.0	-6.61e-04
262	118	7.82e-03	-0.28	-0.04	-9.33e-04	0.0	-7.36e-04
262	123	-4.38e-03	-6.55e-03	-0.07	-1.10e-03	0.0	-5.25e-04
262	126	0.12	-0.22	-0.04	-1.03e-03	0.0	-6.66e-04
262	150	9.23e-03	-0.31	-0.03	-9.17e-04	0.0	-7.55e-04
262	155	-5.61e-03	0.02	-0.08	-1.12e-03	0.0	-5.03e-04
263	2	0.02	-0.24	-8.05e-03	1.57e-03	0.0	-4.97e-04
263	55	-4.13e-03	-0.23	-0.08	1.54e-03	0.0	-4.48e-04
263	95	-0.10	-0.12	-0.06	1.20e-03	0.0	-3.63e-04
263	118	1.23e-03	-0.29	-0.04	1.27e-03	0.0	-3.03e-04
263	123	-2.14e-03	-0.08	-0.07	1.10e-03	0.0	-3.73e-04
263	127	-0.12	-0.11	-0.06	1.20e-03	0.0	-3.66e-04
263	150	1.76e-03	-0.31	-0.03	1.28e-03	0.0	-2.93e-04
263	155	-2.35e-03	-0.07	-0.08	1.08e-03	0.0	-3.78e-04
264	2	0.02	-0.37	-7.57e-03	3.16e-04	0.0	-9.24e-04
264	55	-2.87e-03	-0.36	-0.07	2.97e-04	0.0	-8.63e-04
264	95	-0.10	-0.22	-0.06	2.40e-04	0.0	-6.75e-04
264	118	3.61e-03	-0.41	-0.04	3.17e-04	0.0	-6.93e-04
264	123	-2.90e-03	-0.18	-0.07	1.33e-04	0.0	-6.26e-04
264	127	-0.12	-0.20	-0.06	2.42e-04	0.0	-6.76e-04
264	150	4.45e-03	-0.43	-0.03	3.34e-04	0.0	-6.98e-04
264	155	-3.47e-03	-0.15	-0.08	1.13e-04	0.0	-6.17e-04
265	2	0.02	-0.32	-7.03e-03	-9.41e-04	0.0	-1.00e-03
265	55	-2.12e-03	-0.30	-0.07	-9.61e-04	0.0	-9.27e-04
265	94	0.10	-0.30	-0.04	-7.43e-04	0.0	-7.30e-04
265	118	5.59e-03	-0.38	-0.04	-6.49e-04	0.0	-7.80e-04
265	123	-4.05e-03	-0.12	-0.07	-8.25e-04	0.0	-6.46e-04
265	126	0.12	-0.32	-0.04	-7.44e-04	0.0	-7.32e-04
265	150	6.73e-03	-0.40	-0.03	-6.32e-04	0.0	-7.91e-04
265	155	-4.97e-03	-0.10	-0.08	-8.43e-04	0.0	-6.32e-04
266	2	0.02	-0.02	-4.58e-03	1.23e-03	-4.08e-06	-4.76e-05
266	55	-7.91e-03	-9.57e-03	-0.07	1.19e-03	3.10e-06	-9.23e-06
266	95	-0.10	0.04	-0.06	8.98e-04	-6.87e-06	-2.83e-05
266	118	-2.85e-03	-0.11	-0.04	9.68e-04	1.54e-05	4.34e-05
266	123	-3.54e-03	0.07	-0.07	8.67e-04	-1.25e-05	-4.18e-05
266	127	-0.12	0.05	-0.06	8.94e-04	-8.50e-06	-3.19e-05
266	150	-2.58e-03	-0.13	-0.03	9.78e-04	1.80e-05	5.43e-05
266	155	-3.43e-03	0.09	-0.07	8.57e-04	-1.53e-05	-4.82e-05
267	2	0.02	-0.28	-5.72e-03	-1.63e-03	0.0	-3.63e-04
267	55	-3.72e-03	-0.25	-0.07	-1.67e-03	0.0	-2.96e-04
267	95	-0.10	-0.13	-0.06	-1.27e-03	0.0	-2.33e-04
267	118	5.07e-03	-0.36	-0.04	-1.14e-03	0.0	-2.84e-04
267	123	-6.28e-03	-0.06	-0.07	-1.42e-03	0.0	-1.67e-04
267	127	-0.12	-0.11	-0.06	-1.27e-03	0.0	-2.33e-04
267	150	6.39e-03	-0.39	-0.03	-1.12e-03	0.0	-2.93e-04
267	155	-7.41e-03	-0.03	-0.07	-1.44e-03	0.0	-1.54e-04
268	2	0.02	-0.30	-5.27e-03	2.07e-03	0.0	-2.72e-04
268	55	-7.04e-03	-0.28	-0.07	2.03e-03	0.0	-2.28e-04
268	95	-0.10	-0.17	-0.06	1.52e-03	0.0	-1.95e-04
268	118	-9.04e-04	-0.33	-0.04	1.68e-03	0.0	-1.32e-04
268	123	-4.50e-03	-0.13	-0.07	1.45e-03	0.0	-2.05e-04
268	127	-0.12	-0.16	-0.06	1.51e-03	0.0	-1.98e-04
268	150	-3.53e-04	-0.35	-0.03	1.71e-03	0.0	-1.22e-04
268	155	-4.72e-03	-0.11	-0.07	1.43e-03	0.0	-2.10e-04
269	2	0.02	-0.49	-5.60e-03	5.71e-04	0.0	-4.83e-04
269	55	-5.91e-03	-0.47	-0.07	5.38e-04	0.0	-4.32e-04
269	95	-0.10	-0.30	-0.06	4.25e-04	0.0	-3.47e-04
269	118	1.17e-03	-0.49	-0.04	5.41e-04	0.0	-3.61e-04
269	123	-5.18e-03	-0.26	-0.07	2.94e-04	0.0	-2.93e-04
269	127	-0.12	-0.29	-0.06	4.27e-04	0.0	-3.49e-04
269	150	1.99e-03	-0.51	-0.03	5.65e-04	0.0	-3.65e-04
269	155	-5.72e-03	-0.23	-0.07	2.69e-04	0.0	-2.84e-04
270	2	0.02	-0.44	-5.71e-03	-1.07e-03	0.0	-4.98e-04
270	55	-4.86e-03	-0.42	-0.07	-1.11e-03	0.0	-4.38e-04
270	95	-0.10	-0.26	-0.06	-8.40e-04	0.0	-3.46e-04
270	118	3.19e-03	-0.47	-0.04	-7.16e-04	0.0	-3.80e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
270	123	-5.91e-03	-0.20	-0.07	-9.77e-04	0.0	-2.87e-04
270	127	-0.12	-0.24	-0.06	-8.39e-04	0.0	-3.47e-04
270	150	4.28e-03	-0.50	-0.03	-6.91e-04	0.0	-3.87e-04
270	155	-6.78e-03	-0.17	-0.07	-1.00e-03	0.0	-2.76e-04
271	2	0.01	-0.02	-3.24e-03	1.30e-03	-2.92e-06	-1.07e-05
271	55	-0.01	-7.01e-03	-0.07	1.25e-03	3.52e-06	2.66e-05
271	95	-0.10	0.03	-0.06	9.44e-04	-6.27e-06	0.0
271	118	-4.32e-03	-0.10	-0.04	1.02e-03	1.32e-05	6.99e-05
271	123	-5.60e-03	0.07	-0.07	9.11e-04	-1.03e-05	-1.34e-05
271	127	-0.12	0.04	-0.06	9.40e-04	-7.78e-06	-3.93e-06
271	150	-3.99e-03	-0.12	-0.04	1.03e-03	1.53e-05	8.05e-05
271	155	-5.56e-03	0.09	-0.07	9.00e-04	-1.27e-05	-1.96e-05
272	2	0.01	-0.31	-4.91e-03	-1.75e-03	0.0	-2.14e-04
272	55	-6.15e-03	-0.28	-0.07	-1.79e-03	0.0	-1.71e-04
272	95	-0.10	-0.15	-0.06	-1.37e-03	0.0	-1.52e-04
272	118	2.78e-03	-0.38	-0.04	-1.23e-03	0.0	-1.68e-04
272	123	-7.77e-03	-0.08	-0.07	-1.52e-03	0.0	-8.42e-05
272	127	-0.12	-0.13	-0.06	-1.37e-03	0.0	-1.55e-04
272	150	4.01e-03	-0.41	-0.04	-1.20e-03	0.0	-1.73e-04
272	155	-8.81e-03	-0.05	-0.07	-1.55e-03	0.0	-7.33e-05
273	2	0.01	-0.31	-4.00e-03	2.23e-03	0.0	-6.40e-05
273	55	-8.96e-03	-0.29	-0.07	2.19e-03	0.0	-2.38e-05
273	95	-0.10	-0.18	-0.06	1.63e-03	0.0	-3.87e-05
273	118	-2.29e-03	-0.33	-0.04	1.82e-03	0.0	2.77e-05
273	123	-6.07e-03	-0.14	-0.07	1.56e-03	0.0	-4.97e-05
273	127	-0.12	-0.17	-0.06	1.62e-03	0.0	-4.20e-05
273	150	-1.72e-03	-0.35	-0.04	1.84e-03	0.0	3.79e-05
273	155	-6.32e-03	-0.12	-0.07	1.53e-03	0.0	-5.52e-05
274	2	0.01	-0.52	-4.50e-03	6.58e-04	0.0	-1.68e-04
274	55	-7.72e-03	-0.50	-0.07	6.21e-04	0.0	-1.25e-04
274	95	-0.10	-0.33	-0.06	4.86e-04	0.0	-1.16e-04
274	118	-2.96e-04	-0.51	-0.04	6.21e-04	0.0	-1.26e-04
274	123	-6.52e-03	-0.28	-0.07	3.29e-04	0.0	-5.28e-05
274	127	-0.12	-0.32	-0.06	4.86e-04	0.0	-1.19e-04
274	150	5.10e-04	-0.53	-0.04	6.48e-04	0.0	-1.31e-04
274	155	-7.05e-03	-0.26	-0.07	2.99e-04	0.0	-4.30e-05
275	2	0.01	-0.48	-4.78e-03	-1.12e-03	0.0	-1.90e-04
275	55	-6.65e-03	-0.45	-0.07	-1.16e-03	0.0	-1.46e-04
275	95	-0.10	-0.29	-0.06	-8.86e-04	0.0	-1.33e-04
275	118	1.56e-03	-0.49	-0.04	-7.43e-04	0.0	-1.46e-04
275	123	-7.08e-03	-0.22	-0.07	-1.03e-03	0.0	-6.77e-05
275	127	-0.12	-0.27	-0.06	-8.86e-04	0.0	-1.36e-04
275	150	2.61e-03	-0.52	-0.04	-7.15e-04	0.0	-1.51e-04
275	155	-7.90e-03	-0.20	-0.07	-1.06e-03	0.0	-5.74e-05
276	2	9.18e-03	-0.02	-2.51e-03	1.33e-03	1.54e-06	-1.50e-05
276	47	-0.02	-5.34e-03	-0.07	1.29e-03	4.42e-06	1.49e-05
276	55	-0.01	-2.43e-03	-0.07	1.28e-03	5.37e-06	2.13e-05
276	95	-0.10	0.03	-0.06	9.67e-04	-4.28e-06	-4.09e-06
276	118	-6.27e-03	-0.09	-0.04	1.05e-03	1.18e-05	6.48e-05
276	123	-8.44e-03	0.07	-0.06	9.30e-04	-5.88e-06	-1.67e-05
276	127	-0.12	0.04	-0.06	9.62e-04	-5.70e-06	-7.59e-06
276	150	-5.85e-03	-0.11	-0.04	1.06e-03	1.32e-05	7.53e-05
276	155	-8.49e-03	0.09	-0.07	9.18e-04	-7.62e-06	-2.28e-05
277	2	0.01	-0.31	-4.12e-03	-1.91e-03	0.0	8.87e-05
277	55	-8.53e-03	-0.27	-0.07	-1.95e-03	0.0	1.12e-04
277	95	-0.10	-0.15	-0.06	-1.55e-03	0.0	5.26e-05
277	118	2.81e-04	-0.37	-0.04	-1.33e-03	0.0	1.55e-04
277	123	-9.02e-03	-0.07	-0.07	-1.65e-03	0.0	3.54e-05
277	127	-0.12	-0.14	-0.06	-1.57e-03	0.0	4.72e-05
277	150	1.38e-03	-0.40	-0.04	-1.30e-03	0.0	1.70e-04
277	155	-9.93e-03	-0.05	-0.07	-1.68e-03	0.0	2.68e-05
278	22	0.11	-0.02	-0.16	1.23e-05	1.48e-03	-1.30e-05
278	35	0.10	-0.01	-0.16	1.34e-05	1.51e-03	-1.55e-05
278	88	0.10	-0.02	-0.16	1.45e-05	1.49e-03	-2.81e-05
278	102	0.17	6.81e-03	-0.12	2.30e-05	1.18e-03	-6.27e-05
278	104	-0.01	-0.07	-0.13	9.26e-06	1.10e-03	-6.66e-06
278	118	0.11	-0.15	-0.12	4.03e-05	1.17e-03	-3.47e-05
278	134	0.19	0.01	-0.11	2.55e-05	1.19e-03	-7.31e-05
278	136	-0.03	-0.08	-0.13	8.97e-06	1.09e-03	-5.65e-06
278	150	0.12	-0.17	-0.12	4.62e-05	1.17e-03	-3.89e-05
279	2	0.01	-0.32	-3.18e-03	2.30e-03	0.0	-5.17e-05
279	47	-0.01	-0.30	-0.07	2.26e-03	0.0	-2.15e-05
279	55	-0.01	-0.30	-0.07	2.26e-03	0.0	-1.46e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
279	95	-0.10	-0.19	-0.06	1.69e-03	0.0	-3.28e-05
279	118	-4.32e-03	-0.33	-0.04	1.88e-03	0.0	3.86e-05
279	123	-8.43e-03	-0.14	-0.06	1.61e-03	0.0	-4.54e-05
279	127	-0.12	-0.18	-0.06	1.68e-03	0.0	-3.65e-05
279	150	-3.72e-03	-0.35	-0.04	1.90e-03	0.0	4.95e-05
279	155	-8.71e-03	-0.13	-0.07	1.58e-03	0.0	-5.16e-05
280	2	0.01	-0.54	-3.64e-03	6.86e-04	0.0	-6.24e-05
280	47	-0.01	-0.51	-0.07	6.57e-04	0.0	-3.44e-05
280	55	-0.01	-0.51	-0.07	6.50e-04	0.0	-2.67e-05
280	95	-0.10	-0.35	-0.06	4.45e-04	0.0	-4.49e-05
280	118	-2.36e-03	-0.51	-0.04	6.69e-04	0.0	3.37e-05
280	123	-8.37e-03	-0.29	-0.07	3.48e-04	0.0	-5.83e-05
280	127	-0.12	-0.34	-0.06	4.32e-04	0.0	-4.89e-05
280	150	-1.57e-03	-0.54	-0.04	7.01e-04	0.0	4.57e-05
280	155	-8.88e-03	-0.27	-0.07	3.17e-04	0.0	-6.49e-05
281	47	-0.02	0.08	-0.12	-3.86e-05	-3.60e-05	2.28e-05
281	65	-7.25e-03	0.11	-0.12	-5.22e-05	-4.04e-05	2.96e-05
281	76	-3.69e-03	0.06	-0.14	-2.08e-05	-2.97e-05	1.47e-05
281	107	-0.11	0.14	-0.08	-4.81e-05	-4.19e-05	3.88e-05
281	110	0.04	-0.10	-0.12	3.18e-05	-7.07e-06	-4.34e-05
281	115	-0.05	0.25	-0.08	-8.36e-05	-4.43e-05	9.77e-05
281	139	-0.13	0.15	-0.08	-5.25e-05	-4.49e-05	4.34e-05
281	142	0.05	-0.13	-0.13	4.33e-05	-3.47e-06	-5.54e-05
281	147	-0.06	0.29	-0.07	-9.50e-05	-4.75e-05	1.14e-04
282	2	0.02	-4.52e-03	-0.09	2.76e-05	8.67e-05	-2.05e-06
282	23	0.01	-9.85e-03	-0.15	2.12e-05	2.53e-05	2.22e-05
282	35	3.66e-03	-6.56e-03	-0.15	2.15e-05	2.15e-05	1.83e-05
282	94	0.09	-0.07	-0.11	3.20e-05	4.09e-05	3.31e-05
282	107	-0.07	-0.01	-0.12	0.0	-3.99e-06	3.77e-05
282	118	0.02	-0.12	-0.10	5.13e-05	3.81e-05	6.85e-05
282	126	0.10	-0.08	-0.11	3.47e-05	4.45e-05	3.68e-05
282	139	-0.08	-0.01	-0.12	-4.23e-06	-8.95e-06	4.23e-05
282	150	0.02	-0.14	-0.10	5.79e-05	4.13e-05	7.93e-05
283	45	-0.02	0.02	-0.15	-5.42e-05	0.0	2.94e-05
283	56	-0.02	0.03	-0.16	-6.25e-05	3.21e-06	3.61e-05
283	65	-0.02	0.03	-0.16	-5.97e-05	3.71e-06	3.90e-05
283	95	-0.10	0.03	-0.12	-4.86e-05	0.0	8.53e-06
283	113	-0.03	0.09	-0.13	-8.60e-05	1.72e-05	8.57e-05
283	115	-0.07	0.10	-0.12	-7.93e-05	1.15e-05	1.07e-04
283	127	-0.12	0.04	-0.12	-5.01e-05	-1.01e-06	5.33e-06
283	145	-0.03	0.11	-0.13	-9.49e-05	2.04e-05	9.82e-05
283	147	-0.08	0.12	-0.13	-8.69e-05	1.37e-05	1.23e-04
284	45	-0.03	0.04	-0.15	-2.24e-06	3.20e-04	2.87e-04
284	56	-0.03	0.05	-0.16	-4.13e-06	3.26e-04	2.93e-04
284	65	-0.03	0.06	-0.16	-1.09e-05	3.25e-04	2.94e-04
284	95	-0.11	0.04	-0.12	-1.73e-05	2.47e-04	1.73e-04
284	113	-0.03	0.16	-0.14	-4.02e-05	2.79e-04	1.85e-04
284	115	-0.08	0.18	-0.13	-4.44e-05	2.70e-04	1.65e-04
284	127	-0.13	0.04	-0.12	-2.12e-05	2.47e-04	1.63e-04
284	145	-0.03	0.18	-0.14	-4.88e-05	2.85e-04	1.78e-04
284	147	-0.09	0.21	-0.14	-5.38e-05	2.75e-04	1.54e-04
285	24	9.25e-03	5.50e-03	-0.14	1.37e-05	0.0	4.28e-05
285	55	2.78e-03	9.84e-03	-0.14	6.54e-06	0.0	4.82e-05
285	67	2.70e-03	0.01	-0.14	3.51e-06	0.0	5.26e-05
285	95	-0.08	0.05	-0.12	-4.83e-05	0.0	1.36e-05
285	102	0.08	7.94e-03	-0.09	6.03e-05	0.0	-2.97e-05
285	119	-0.03	0.11	-0.12	-1.31e-04	0.0	-2.19e-05
285	127	-0.09	0.06	-0.12	-6.01e-05	0.0	9.97e-06
285	134	0.10	8.55e-03	-0.09	7.04e-05	0.0	-4.21e-05
285	151	-0.03	0.13	-0.12	-1.60e-04	0.0	-3.27e-05
286	45	-0.02	0.07	-0.15	-2.68e-04	0.0	1.01e-05
286	56	-0.02	0.08	-0.16	-2.70e-04	0.0	1.51e-05
286	67	-0.02	0.08	-0.16	-2.78e-04	0.0	1.93e-05
286	95	-0.10	0.07	-0.12	-2.66e-04	0.0	-1.01e-05
286	113	-0.03	0.15	-0.13	-3.46e-04	0.0	6.75e-05
286	115	-0.07	0.17	-0.13	-3.62e-04	0.0	8.83e-05
286	127	-0.12	0.07	-0.12	-2.79e-04	0.0	-1.39e-05
286	145	-0.03	0.17	-0.13	-3.75e-04	0.0	7.94e-05
286	147	-0.08	0.19	-0.13	-3.94e-04	0.0	1.04e-04
287	45	-0.02	0.07	-0.16	2.94e-04	0.0	5.08e-06
287	56	-0.02	0.08	-0.16	2.95e-04	0.0	8.44e-06
287	67	-0.02	0.08	-0.16	2.83e-04	0.0	1.26e-05
287	95	-0.10	0.07	-0.12	1.80e-04	0.0	-5.67e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
287	113	-0.02	0.17	-0.13	1.15e-04	0.0	-6.80e-05
287	115	-0.07	0.19	-0.13	1.05e-04	0.0	-4.75e-05
287	127	-0.12	0.08	-0.12	1.70e-04	0.0	-6.90e-05
287	145	-0.03	0.19	-0.14	9.15e-05	0.0	-8.25e-05
287	147	-0.08	0.21	-0.13	8.00e-05	0.0	-5.79e-05
288	2	-4.36e-03	-0.13	-0.10	4.22e-04	0.0	2.54e-04
288	45	-0.02	-0.01	-0.16	7.97e-04	0.0	1.15e-04
288	56	-0.02	-3.00e-03	-0.16	7.98e-04	0.0	1.18e-04
288	95	-0.11	0.01	-0.12	5.81e-04	0.0	2.82e-05
288	113	-0.02	0.12	-0.13	5.41e-04	0.0	1.76e-05
288	114	0.04	-0.16	-0.11	7.01e-04	0.0	1.40e-04
288	127	-0.12	0.02	-0.12	5.75e-04	0.0	1.60e-05
288	145	-0.02	0.15	-0.14	5.26e-04	0.0	3.45e-06
288	146	0.05	-0.19	-0.11	7.17e-04	0.0	1.50e-04
289	2	-3.40e-04	-0.10	-0.10	4.92e-04	0.0	-4.25e-05
289	45	-0.02	0.06	-0.16	3.95e-04	0.0	-2.39e-05
289	56	-0.02	0.07	-0.16	3.92e-04	0.0	-1.87e-05
289	95	-0.10	0.08	-0.12	2.51e-04	0.0	-3.81e-05
289	113	-0.02	0.15	-0.13	1.63e-04	0.0	5.96e-05
289	115	-0.07	0.16	-0.13	1.53e-04	0.0	8.65e-05
289	127	-0.12	0.08	-0.12	2.40e-04	0.0	-4.23e-05
289	145	-0.02	0.17	-0.13	1.35e-04	0.0	7.52e-05
289	147	-0.08	0.19	-0.13	1.23e-04	0.0	1.08e-04
290	2	-3.46e-04	-0.24	-0.11	6.44e-04	0.0	1.83e-04
290	45	-0.02	-0.17	-0.16	1.34e-03	0.0	2.27e-04
290	56	-0.01	-0.16	-0.17	1.34e-03	0.0	2.30e-04
290	95	-0.10	-0.10	-0.12	9.96e-04	0.0	1.02e-04
290	113	-0.02	2.34e-03	-0.13	9.64e-04	0.0	8.38e-05
290	114	0.05	-0.28	-0.12	1.11e-03	0.0	2.40e-04
290	127	-0.12	-0.09	-0.12	9.90e-04	0.0	8.68e-05
290	145	-0.02	0.03	-0.13	9.51e-04	0.0	6.55e-05
290	146	0.06	-0.31	-0.12	1.13e-03	0.0	2.53e-04
291	47	-0.02	0.09	-0.16	2.46e-04	0.0	-1.24e-04
291	55	-0.01	0.10	-0.16	2.37e-04	0.0	-1.19e-04
291	67	-0.01	0.10	-0.16	2.29e-04	0.0	-1.15e-04
291	95	-0.10	0.11	-0.12	1.38e-04	0.0	-1.14e-04
291	117	0.03	0.17	-0.13	5.43e-05	0.0	-1.29e-04
291	119	-0.02	0.18	-0.12	4.52e-05	0.0	-1.58e-04
291	127	-0.12	0.11	-0.12	1.28e-04	0.0	-1.18e-04
291	149	0.04	0.19	-0.13	2.67e-05	0.0	-1.36e-04
291	151	-0.02	0.20	-0.13	1.59e-05	0.0	-1.71e-04
292	23	8.22e-03	0.04	-0.12	1.96e-05	-3.81e-06	2.32e-05
292	65	4.02e-03	0.05	-0.12	4.28e-06	-8.95e-06	2.79e-05
292	76	2.16e-04	0.03	-0.13	2.64e-05	-3.36e-06	1.59e-05
292	101	0.09	0.04	-0.10	2.92e-06	1.19e-05	2.81e-06
292	110	4.33e-03	-0.05	-0.10	7.00e-05	7.24e-06	-4.00e-05
292	115	-2.71e-03	0.12	-0.09	-4.36e-05	-1.48e-05	9.35e-05
292	133	0.10	0.04	-0.09	0.0	1.51e-05	0.0
292	142	4.92e-03	-0.07	-0.10	8.14e-05	9.33e-06	-5.14e-05
292	147	-3.54e-03	0.13	-0.09	-5.49e-05	-1.67e-05	1.09e-04
293	2	0.02	-0.13	-0.10	5.16e-04	0.0	-2.24e-04
293	55	-1.35e-03	-0.04	-0.16	9.19e-04	0.0	-4.47e-05
293	94	0.09	-0.10	-0.11	7.53e-04	0.0	-3.95e-05
293	118	0.01	-0.19	-0.11	8.22e-04	0.0	-8.11e-05
293	123	-0.01	0.09	-0.13	6.02e-04	0.0	1.79e-05
293	126	0.11	-0.12	-0.11	7.60e-04	0.0	-3.90e-05
293	150	0.01	-0.22	-0.11	8.43e-04	0.0	-8.86e-05
293	155	-0.01	0.12	-0.13	5.81e-04	0.0	2.94e-05
294	2	-0.12	3.51e-03	-0.08	0.0	3.94e-04	2.28e-04
294	65	-0.11	0.08	-0.12	0.0	3.87e-04	2.65e-04
294	76	-0.12	0.05	-0.14	0.0	3.88e-04	2.55e-04
294	104	-0.18	0.05	-0.09	0.0	2.83e-04	2.13e-04
294	110	-0.08	-0.08	-0.12	0.0	3.02e-04	1.42e-04
294	115	-0.10	0.20	-0.08	0.0	2.97e-04	2.80e-04
294	136	-0.20	0.04	-0.09	0.0	2.80e-04	2.16e-04
294	142	-0.08	-0.11	-0.12	0.0	3.02e-04	1.30e-04
294	147	-0.10	0.23	-0.07	0.0	2.96e-04	2.96e-04
295	2	9.48e-03	-0.02	-0.10	1.04e-04	2.24e-05	-1.08e-05
295	47	-0.01	-2.62e-03	-0.15	-1.70e-05	2.23e-05	1.96e-05
295	55	-7.37e-03	-7.72e-04	-0.16	-2.13e-05	2.29e-05	2.59e-05
295	95	-0.09	0.04	-0.12	-2.73e-05	9.89e-06	-1.09e-06
295	118	3.35e-03	-0.09	-0.11	2.79e-05	2.93e-05	7.01e-05
295	123	-0.01	0.08	-0.12	-4.94e-05	4.17e-06	-1.45e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
295	127	-0.11	0.05	-0.12	-3.02e-05	8.58e-06	-4.72e-06
295	150	4.89e-03	-0.11	-0.11	3.54e-05	3.16e-05	8.09e-05
295	155	-0.01	0.09	-0.12	-5.70e-05	1.64e-06	-2.08e-05
296	2	-6.74e-03	-0.11	-0.10	4.34e-05	-6.68e-06	4.03e-04
296	45	-0.03	-0.05	-0.16	2.28e-04	-9.27e-06	3.47e-04
296	56	-0.02	-0.04	-0.17	2.30e-04	-4.51e-06	3.52e-04
296	95	-0.11	-0.02	-0.12	1.45e-04	-9.21e-06	2.12e-04
296	113	-0.02	0.09	-0.14	1.03e-04	2.09e-05	1.90e-04
296	114	0.04	-0.20	-0.11	2.65e-04	-2.35e-05	3.35e-04
296	127	-0.13	-0.02	-0.12	1.38e-04	-9.83e-06	2.00e-04
296	145	-0.02	0.12	-0.14	8.80e-05	2.63e-05	1.74e-04
296	146	0.05	-0.23	-0.11	2.81e-04	-2.70e-05	3.48e-04
297	45	-0.02	0.06	-0.15	-1.77e-04	0.0	-7.93e-05
297	56	-0.02	0.07	-0.16	-1.76e-04	0.0	-7.50e-05
297	67	-0.02	0.08	-0.16	-1.85e-04	0.0	-7.02e-05
297	95	-0.11	0.06	-0.12	-1.85e-04	0.0	-1.14e-04
297	113	-0.03	0.15	-0.14	-2.36e-04	0.0	-1.26e-04
297	115	-0.07	0.17	-0.13	-2.47e-04	0.0	-1.08e-04
297	127	-0.12	0.06	-0.12	-1.96e-04	0.0	-1.24e-04
297	145	-0.03	0.17	-0.14	-2.58e-04	0.0	-1.40e-04
297	147	-0.08	0.19	-0.13	-2.71e-04	0.0	-1.18e-04
298	45	-0.02	0.06	-0.16	1.83e-04	0.0	-7.95e-05
298	56	-0.02	0.07	-0.16	1.85e-04	0.0	-7.68e-05
298	67	-0.02	0.08	-0.16	1.74e-04	0.0	-7.26e-05
298	95	-0.10	0.06	-0.12	1.05e-04	0.0	-1.09e-04
298	113	-0.02	0.17	-0.14	6.31e-05	0.0	-1.17e-04
298	115	-0.07	0.18	-0.13	5.59e-05	0.0	-1.01e-04
298	127	-0.12	0.06	-0.12	9.70e-05	0.0	-1.19e-04
298	145	-0.03	0.19	-0.14	4.64e-05	0.0	-1.28e-04
298	147	-0.08	0.21	-0.13	3.78e-05	0.0	-1.10e-04
299	45	-0.02	0.06	-0.16	-3.46e-04	0.0	5.83e-06
299	56	-0.02	0.07	-0.16	-3.51e-04	0.0	1.19e-05
299	67	-0.02	0.07	-0.16	-3.59e-04	0.0	1.52e-05
299	95	-0.10	0.07	-0.12	-3.22e-04	0.0	-1.11e-05
299	113	-0.02	0.13	-0.13	-4.21e-04	0.0	7.43e-05
299	115	-0.07	0.14	-0.13	-4.33e-04	0.0	9.76e-05
299	127	-0.12	0.08	-0.12	-3.32e-04	0.0	-1.45e-05
299	145	-0.03	0.15	-0.13	-4.52e-04	0.0	8.82e-05
299	147	-0.08	0.16	-0.13	-4.68e-04	0.0	1.16e-04
300	2	-2.64e-03	-0.18	-0.11	4.08e-04	0.0	3.09e-04
300	45	-0.02	-0.11	-0.16	9.22e-04	0.0	2.24e-04
300	56	-0.02	-0.10	-0.17	9.23e-04	0.0	2.27e-04
300	95	-0.10	-0.06	-0.12	6.81e-04	0.0	1.10e-04
300	113	-0.02	0.05	-0.14	6.49e-04	0.0	9.83e-05
300	114	0.04	-0.24	-0.11	7.85e-04	0.0	2.26e-04
300	127	-0.12	-0.05	-0.12	6.76e-04	0.0	9.77e-05
300	145	-0.02	0.08	-0.14	6.36e-04	0.0	8.36e-05
300	146	0.06	-0.27	-0.11	7.98e-04	0.0	2.36e-04
301	2	0.02	-0.01	-0.01	6.42e-04	3.18e-05	-1.10e-04
301	21	3.06e-03	-0.02	-0.07	6.15e-04	3.68e-05	-7.27e-05
301	55	-3.60e-03	-0.01	-0.08	6.14e-04	3.69e-05	-7.11e-05
301	95	-0.10	0.05	-0.07	4.58e-04	1.72e-05	-7.64e-05
301	118	-6.12e-05	-0.12	-0.04	5.09e-04	4.56e-05	-2.16e-06
301	123	2.84e-04	0.08	-0.08	4.38e-04	9.34e-06	-9.08e-05
301	127	-0.11	0.06	-0.07	4.55e-04	1.51e-05	-8.03e-05
301	150	1.06e-04	-0.15	-0.03	5.16e-04	4.89e-05	9.12e-06
301	155	4.97e-04	0.10	-0.08	4.31e-04	5.65e-06	-9.76e-05
302	2	0.02	-0.04	-9.47e-03	-6.20e-04	-1.64e-05	-5.70e-04
302	55	4.44e-06	-0.03	-0.08	-6.30e-04	-9.78e-06	-5.12e-04
302	86	7.31e-03	-0.04	-0.07	-6.23e-04	-1.02e-05	-5.32e-04
302	94	0.10	-0.10	-0.04	-4.88e-04	3.38e-06	-4.04e-04
302	118	8.62e-03	-0.17	-0.03	-4.35e-04	9.83e-06	-4.43e-04
302	123	-4.01e-03	0.08	-0.08	-5.38e-04	-2.68e-05	-3.42e-04
302	126	0.12	-0.11	-0.04	-4.90e-04	5.41e-06	-4.05e-04
302	150	0.01	-0.19	-0.03	-4.25e-04	1.32e-05	-4.51e-04
302	155	-5.29e-03	0.11	-0.08	-5.49e-04	-3.05e-05	-3.30e-04
303	2	0.02	-0.13	-0.01	7.45e-04	0.0	-7.70e-04
303	55	-3.77e-04	-0.13	-0.08	7.36e-04	0.0	-7.19e-04
303	86	7.15e-03	-0.13	-0.07	7.39e-04	0.0	-7.33e-04
303	94	0.10	-0.16	-0.05	5.57e-04	0.0	-5.41e-04
303	118	4.07e-03	-0.22	-0.03	6.19e-04	0.0	-5.10e-04
303	123	7.98e-04	-4.33e-03	-0.08	5.13e-04	0.0	-5.84e-04
303	126	0.12	-0.18	-0.04	5.55e-04	0.0	-5.38e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
303	150	4.59e-03	-0.24	-0.03	6.29e-04	0.0	-5.00e-04
303	155	6.04e-04	0.01	-0.08	5.02e-04	0.0	-5.89e-04
304	16	-6.88e-03	0.08	-0.15	-3.13e-05	5.64e-06	2.57e-05
304	45	-0.03	0.08	-0.14	-3.91e-05	-3.97e-06	6.36e-06
304	65	-0.02	0.11	-0.14	-5.40e-05	-1.05e-06	1.50e-05
304	94	0.08	0.05	-0.12	1.38e-06	2.38e-05	7.18e-05
304	95	-0.10	0.08	-0.09	-5.42e-05	-1.87e-05	-3.70e-05
304	115	-0.05	0.24	-0.10	-8.73e-05	-1.41e-05	-2.93e-05
304	126	0.10	0.04	-0.12	6.76e-06	2.80e-05	8.28e-05
304	127	-0.12	0.08	-0.09	-5.96e-05	-2.29e-05	-4.80e-05
304	147	-0.05	0.28	-0.10	-9.94e-05	-1.73e-05	-3.87e-05
305	16	-9.23e-03	0.07	-0.15	-4.26e-05	2.82e-05	4.47e-05
305	45	-0.03	0.08	-0.14	-5.06e-05	1.45e-05	3.36e-05
305	65	-0.02	0.10	-0.14	-6.60e-05	1.95e-05	4.13e-05
305	94	0.08	0.04	-0.12	-7.08e-06	4.14e-05	5.36e-05
305	95	-0.10	0.07	-0.09	-6.34e-05	-4.54e-06	1.37e-05
305	115	-0.05	0.23	-0.10	-9.71e-05	0.0	1.06e-04
305	126	0.10	0.04	-0.12	-1.65e-06	4.59e-05	5.76e-05
305	127	-0.12	0.07	-0.09	-6.88e-05	-9.08e-06	9.71e-06
305	147	-0.05	0.27	-0.10	-1.09e-04	-3.95e-06	1.21e-04
306	24	0.02	0.07	-0.13	0.0	-1.12e-05	2.63e-05
306	65	1.11e-03	0.09	-0.12	0.0	-8.90e-06	4.76e-05
306	76	2.31e-03	0.05	-0.14	0.0	-4.64e-06	4.31e-05
306	106	0.10	1.62e-03	-0.10	-1.11e-06	8.21e-06	1.45e-05
306	123	-0.05	0.18	-0.08	0.0	-1.43e-05	4.52e-06
306	124	-6.03e-04	-0.07	-0.11	-1.53e-06	-3.73e-06	8.24e-05
306	138	0.12	-8.75e-03	-0.10	-1.24e-06	1.07e-05	1.05e-05
306	155	-0.06	0.21	-0.08	1.14e-06	-1.58e-05	-1.40e-06
306	156	-1.11e-03	-0.10	-0.12	-1.75e-06	-3.67e-06	9.21e-05
307	24	0.02	0.07	-0.13	-4.15e-05	-1.54e-05	2.02e-05
307	65	6.41e-04	0.10	-0.12	-6.29e-05	-7.53e-06	4.15e-05
307	76	1.97e-03	0.05	-0.14	-3.12e-05	-3.98e-06	3.58e-05
307	106	0.10	2.17e-03	-0.10	-1.31e-05	7.68e-06	9.09e-06
307	123	-0.05	0.19	-0.08	-8.98e-05	-1.24e-05	-1.74e-06
307	124	-1.05e-03	-0.07	-0.11	1.72e-05	-3.31e-06	7.74e-05
307	138	0.12	-8.42e-03	-0.10	-8.86e-06	9.86e-06	5.16e-06
307	155	-0.06	0.22	-0.08	-1.01e-04	-1.35e-05	-7.79e-06
307	156	-1.59e-03	-0.10	-0.12	2.75e-05	-3.39e-06	8.73e-05
308	45	-0.02	0.08	-0.14	-5.88e-05	-1.38e-05	1.22e-05
308	56	-8.87e-03	0.09	-0.15	-6.37e-05	-1.69e-05	1.29e-05
308	65	-0.01	0.11	-0.15	-7.33e-05	-2.68e-05	5.04e-06
308	107	-0.11	0.11	-0.11	-6.65e-05	-2.37e-05	4.09e-05
308	111	-0.04	0.19	-0.12	-1.01e-04	-2.80e-05	7.41e-05
308	123	-0.05	0.20	-0.12	-1.03e-04	-2.55e-05	-1.59e-05
308	139	-0.13	0.13	-0.12	-7.16e-05	-2.71e-05	4.54e-05
308	143	-0.05	0.21	-0.12	-1.13e-04	-3.22e-05	8.53e-05
308	155	-0.06	0.23	-0.12	-1.16e-04	-2.92e-05	-2.29e-05
309	2	-0.12	4.73e-05	-0.08	0.0	-5.44e-04	1.31e-04
309	65	-0.11	0.08	-0.12	0.0	-5.53e-04	1.68e-04
309	76	-0.11	0.05	-0.14	0.0	-5.46e-04	1.57e-04
309	104	-0.17	0.04	-0.09	0.0	-4.45e-04	1.38e-04
309	110	-0.08	-0.08	-0.12	0.0	-4.08e-04	6.67e-05
309	115	-0.09	0.19	-0.08	0.0	-4.35e-04	2.04e-04
309	136	-0.19	0.04	-0.09	0.0	-4.50e-04	1.41e-04
309	142	-0.08	-0.10	-0.12	0.0	-4.06e-04	5.49e-05
309	147	-0.09	0.22	-0.07	0.0	-4.37e-04	2.20e-04
310	47	-9.81e-03	0.05	-0.15	-4.37e-05	-1.82e-05	-7.07e-05
310	56	-1.34e-03	0.05	-0.15	-4.84e-05	-1.27e-05	-6.67e-05
310	65	-2.09e-03	0.06	-0.15	-6.03e-05	-1.45e-05	-6.20e-05
310	103	-0.09	0.07	-0.12	-6.34e-05	-3.00e-05	1.86e-05
310	119	-0.03	0.14	-0.13	-1.22e-04	-1.38e-05	-1.35e-04
310	123	-0.03	0.14	-0.13	-1.21e-04	-1.34e-05	-1.06e-04
310	135	-0.10	0.08	-0.12	-6.99e-05	-3.42e-05	3.31e-05
310	151	-0.04	0.16	-0.13	-1.40e-04	-1.51e-05	-1.51e-04
310	155	-0.04	0.16	-0.13	-1.39e-04	-1.46e-05	-1.16e-04
311	46	-0.03	0.04	-0.15	6.48e-05	-3.95e-05	3.17e-05
311	56	-0.03	0.05	-0.16	6.26e-05	-3.37e-05	3.93e-05
311	68	-0.03	0.06	-0.16	5.96e-05	-3.21e-05	4.27e-05
311	95	-0.11	0.04	-0.11	4.01e-05	-3.37e-05	1.13e-05
311	113	-0.03	0.14	-0.14	3.81e-06	0.0	9.18e-05
311	115	-0.08	0.16	-0.13	9.57e-06	-1.00e-05	1.13e-04
311	127	-0.13	0.04	-0.11	3.79e-05	-3.45e-05	8.34e-06
311	145	-0.04	0.16	-0.14	-5.54e-06	6.11e-06	1.05e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
311	147	-0.09	0.18	-0.13	1.38e-06	-6.10e-06	1.31e-04
312	35	-0.02	-7.46e-03	-0.15	0.0	-2.02e-04	-1.06e-04
312	47	-0.02	-6.73e-03	-0.15	0.0	-2.02e-04	-1.06e-04
312	86	-0.02	-0.01	-0.15	0.0	-2.00e-04	-1.10e-04
312	95	-0.10	0.06	-0.12	0.0	-2.01e-04	-9.76e-05
312	107	-0.09	-0.01	-0.12	0.0	-2.04e-04	-1.33e-04
312	118	1.59e-03	-0.13	-0.11	0.0	-1.52e-04	-2.38e-05
312	127	-0.12	0.07	-0.12	0.0	-2.11e-04	-1.02e-04
312	139	-0.11	-0.01	-0.13	0.0	-2.15e-04	-1.44e-04
312	150	4.81e-03	-0.15	-0.10	0.0	-1.51e-04	-1.28e-05
313	2	-7.64e-03	-0.03	-0.02	1.24e-03	3.63e-05	2.88e-05
313	45	-0.03	0.01	-0.08	1.19e-03	3.08e-05	5.66e-05
313	55	-0.03	0.02	-0.09	1.19e-03	3.36e-05	6.32e-05
313	95	-0.11	0.03	-0.06	9.06e-04	2.31e-05	2.93e-05
313	113	-0.04	0.09	-0.08	8.63e-04	4.38e-05	1.06e-04
313	115	-0.09	0.10	-0.08	8.68e-04	3.71e-05	1.27e-04
313	127	-0.13	0.03	-0.06	9.03e-04	2.30e-05	2.61e-05
313	145	-0.05	0.10	-0.08	8.51e-04	4.77e-05	1.18e-04
313	147	-0.10	0.11	-0.08	8.57e-04	3.97e-05	1.43e-04
314	24	0.02	-0.05	-0.15	-1.66e-04	0.0	1.40e-04
314	76	0.01	-0.05	-0.15	-1.57e-04	0.0	1.29e-04
314	88	0.01	-0.06	-0.15	-1.49e-04	0.0	1.22e-04
314	101	0.10	9.26e-03	-0.10	-1.41e-04	0.0	2.68e-05
314	118	0.06	-0.16	-0.12	2.68e-05	0.0	2.03e-04
314	124	9.42e-03	-0.15	-0.12	1.24e-05	0.0	2.00e-04
314	133	0.12	0.02	-0.10	-1.43e-04	0.0	1.07e-05
314	150	0.07	-0.18	-0.12	5.77e-05	0.0	2.22e-04
314	156	8.76e-03	-0.18	-0.13	4.04e-05	0.0	2.19e-04
315	2	-0.01	-0.02	-0.10	0.0	-3.87e-05	-5.91e-05
315	56	-1.62e-06	0.05	-0.15	0.0	-9.05e-05	-5.71e-05
315	65	-1.24e-03	0.06	-0.15	0.0	-9.18e-05	-5.64e-05
315	94	0.09	0.02	-0.12	0.0	-4.77e-05	-3.08e-05
315	101	0.08	0.04	-0.13	0.0	-5.36e-05	-5.98e-05
315	115	-0.04	0.17	-0.12	0.0	-8.30e-05	4.46e-05
315	126	0.11	0.02	-0.12	0.0	-4.35e-05	-2.77e-05
315	133	0.09	0.04	-0.13	0.0	-5.05e-05	-6.26e-05
315	147	-0.05	0.20	-0.12	0.0	-8.58e-05	6.29e-05
316	2	-5.17e-04	0.06	-0.09	-2.50e-04	0.0	-1.91e-04
316	24	0.02	0.01	-0.15	-6.30e-04	0.0	8.95e-06
316	76	0.01	5.67e-03	-0.15	-6.22e-04	0.0	-3.34e-06
316	101	0.10	0.06	-0.11	-4.94e-04	0.0	-7.81e-05
316	119	-0.04	0.15	-0.10	-5.95e-04	0.0	-9.67e-05
316	124	6.66e-03	-0.13	-0.12	-3.85e-04	0.0	1.06e-04
316	133	0.12	0.07	-0.10	-4.96e-04	0.0	-9.50e-05
316	151	-0.05	0.18	-0.10	-6.15e-04	0.0	-1.17e-04
316	156	5.92e-03	-0.15	-0.13	-3.66e-04	0.0	1.26e-04
317	24	0.02	0.09	-0.15	-8.16e-04	0.0	-1.50e-04
317	65	0.01	0.11	-0.14	-8.30e-04	0.0	-1.32e-04
317	76	9.97e-03	0.08	-0.15	-8.08e-04	0.0	-1.63e-04
317	101	0.10	0.13	-0.11	-6.37e-04	0.0	-1.40e-04
317	119	-0.04	0.22	-0.10	-7.31e-04	0.0	-2.07e-04
317	124	4.52e-03	-0.08	-0.13	-5.35e-04	0.0	-2.70e-05
317	133	0.12	0.14	-0.11	-6.39e-04	0.0	-1.45e-04
317	151	-0.05	0.25	-0.10	-7.50e-04	0.0	-2.25e-04
317	156	3.74e-03	-0.11	-0.13	-5.17e-04	0.0	-9.32e-06
318	46	-8.02e-03	0.02	-0.14	7.41e-05	-1.01e-05	1.18e-05
318	56	-1.53e-03	0.03	-0.15	7.33e-05	-1.07e-05	1.77e-05
318	65	-1.55e-03	0.03	-0.14	6.42e-05	-1.26e-05	2.03e-05
318	104	-0.08	5.03e-03	-0.11	6.68e-05	-1.10e-05	2.46e-05
318	119	-0.02	0.09	-0.12	3.87e-05	-2.09e-05	-4.08e-05
318	123	-0.02	0.09	-0.12	3.93e-05	-2.06e-05	-1.95e-05
318	136	-0.09	2.49e-03	-0.11	6.92e-05	-1.19e-05	2.74e-05
318	151	-0.02	0.10	-0.12	3.55e-05	-2.38e-05	-5.12e-05
318	155	-0.02	0.10	-0.12	3.62e-05	-2.33e-05	-2.56e-05
319	45	-0.02	0.07	-0.12	0.0	7.63e-05	9.95e-05
319	65	-4.68e-03	0.10	-0.12	0.0	8.49e-05	1.12e-04
319	76	-4.95e-03	0.05	-0.14	0.0	9.41e-05	9.93e-05
319	107	-0.10	0.12	-0.08	0.0	3.94e-05	1.03e-04
319	110	5.97e-03	-0.09	-0.12	0.0	1.00e-04	2.03e-05
319	115	-0.01	0.22	-0.08	0.0	3.89e-05	1.62e-04
319	139	-0.12	0.13	-0.08	0.0	3.33e-05	1.08e-04
319	142	7.96e-03	-0.12	-0.12	0.0	1.06e-04	8.15e-06
319	147	-0.02	0.25	-0.07	0.0	3.26e-05	1.79e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
320	47	-0.01	0.05	-0.15	-5.28e-05	-5.94e-05	1.25e-06
320	56	-3.41e-03	0.06	-0.16	-5.63e-05	-5.13e-05	7.00e-06
320	65	-4.45e-03	0.06	-0.15	-6.94e-05	-5.77e-05	9.68e-06
320	95	-0.09	0.08	-0.12	-6.53e-05	-6.31e-05	-7.39e-05
320	119	-0.03	0.15	-0.13	-1.06e-04	-6.02e-05	-9.17e-05
320	123	-0.03	0.15	-0.13	-1.06e-04	-5.94e-05	-6.19e-05
320	127	-0.11	0.08	-0.12	-7.09e-05	-6.79e-05	-8.93e-05
320	151	-0.04	0.17	-0.13	-1.20e-04	-6.44e-05	-1.11e-04
320	155	-0.04	0.17	-0.13	-1.19e-04	-6.33e-05	-7.48e-05
321	55	-0.04	0.05	-0.12	4.91e-04	3.87e-05	1.50e-04
321	66	-0.04	0.05	-0.11	4.91e-04	4.16e-05	1.54e-04
321	68	-0.04	0.05	-0.12	4.91e-04	4.16e-05	1.54e-04
321	95	-0.12	0.04	-0.09	3.63e-04	2.72e-05	9.63e-05
321	113	-0.05	0.14	-0.11	3.37e-04	5.72e-05	1.77e-04
321	115	-0.10	0.15	-0.11	3.33e-04	4.87e-05	1.98e-04
321	127	-0.14	0.04	-0.09	3.59e-04	2.72e-05	9.32e-05
321	145	-0.06	0.16	-0.12	3.28e-04	6.32e-05	1.90e-04
321	147	-0.11	0.18	-0.11	3.22e-04	5.31e-05	2.15e-04
322	45	-0.04	0.04	-0.12	7.66e-06	5.08e-05	1.14e-04
322	65	-0.04	0.06	-0.13	0.0	5.68e-05	1.25e-04
322	67	-0.04	0.06	-0.13	0.0	5.68e-05	1.25e-04
322	95	-0.12	0.04	-0.09	-1.46e-05	3.86e-05	7.39e-05
322	113	-0.05	0.16	-0.13	-3.97e-05	6.69e-05	1.61e-04
322	115	-0.09	0.18	-0.12	-4.42e-05	5.82e-05	1.40e-04
322	127	-0.14	0.04	-0.09	-1.95e-05	3.85e-05	7.06e-05
322	145	-0.05	0.18	-0.13	-4.98e-05	7.23e-05	1.75e-04
322	147	-0.11	0.21	-0.12	-5.52e-05	6.19e-05	1.50e-04
323	45	-0.04	0.04	-0.12	7.24e-05	-9.75e-06	8.95e-05
323	65	-0.04	0.06	-0.12	6.46e-05	-3.41e-06	1.01e-04
323	67	-0.04	0.06	-0.13	6.49e-05	-3.41e-06	1.01e-04
323	95	-0.12	0.04	-0.09	3.53e-05	-9.69e-06	5.56e-05
323	113	-0.05	0.15	-0.12	9.18e-06	1.99e-05	1.30e-04
323	115	-0.10	0.18	-0.12	4.40e-06	1.04e-05	1.51e-04
323	127	-0.14	0.04	-0.09	3.04e-05	-1.02e-05	5.24e-05
323	145	-0.06	0.18	-0.13	-1.08e-06	2.53e-05	1.42e-04
323	147	-0.11	0.21	-0.12	-6.82e-06	1.38e-05	1.67e-04
324	21	0.02	0.02	-0.12	4.68e-05	4.78e-05	0.0
324	65	0.01	0.03	-0.12	3.12e-05	4.45e-05	0.0
324	76	9.75e-03	0.02	-0.13	6.11e-05	5.84e-05	0.0
324	101	0.09	0.05	-0.09	2.80e-05	3.93e-05	0.0
324	119	-0.03	0.10	-0.09	-2.61e-05	2.17e-05	0.0
324	124	9.00e-04	-0.06	-0.10	9.34e-05	5.13e-05	0.0
324	133	0.11	0.05	-0.09	2.64e-05	3.94e-05	0.0
324	151	-0.04	0.11	-0.09	-3.86e-05	1.84e-05	0.0
324	156	-6.98e-04	-0.08	-0.10	1.05e-04	5.39e-05	0.0
325	2	-0.01	-0.06	-0.09	-1.27e-04	0.0	-7.92e-05
325	45	-0.02	-0.02	-0.14	-1.87e-04	0.0	3.68e-05
325	56	-0.01	-0.01	-0.15	-1.96e-04	0.0	4.18e-05
325	103	-0.09	0.05	-0.11	-1.71e-04	0.0	8.92e-05
325	105	0.07	-0.01	-0.12	-1.55e-04	0.0	-2.59e-05
325	114	0.02	-0.15	-0.11	-6.29e-05	0.0	-5.38e-05
325	135	-0.11	0.06	-0.11	-1.77e-04	0.0	1.01e-04
325	137	0.09	-0.01	-0.12	-1.58e-04	0.0	-3.71e-05
325	146	0.03	-0.18	-0.11	-4.77e-05	0.0	-7.07e-05
326	45	-0.02	0.02	-0.14	-5.75e-04	0.0	-5.31e-06
326	56	-0.01	0.03	-0.15	-5.94e-04	0.0	-2.67e-06
326	65	-0.01	0.04	-0.14	-6.10e-04	0.0	0.0
326	95	-0.10	0.03	-0.11	-4.49e-04	0.0	-2.41e-05
326	105	0.07	0.01	-0.12	-4.52e-04	0.0	-5.72e-05
326	115	-0.04	0.15	-0.11	-4.48e-04	0.0	8.59e-05
326	127	-0.11	0.04	-0.11	-4.49e-04	0.0	-2.81e-05
326	137	0.09	0.02	-0.12	-4.54e-04	0.0	-6.79e-05
326	147	-0.05	0.18	-0.11	-4.49e-04	0.0	1.04e-04
327	2	-0.02	-2.96e-03	-0.08	-2.70e-05	-3.48e-04	6.04e-06
327	68	-8.10e-03	0.07	-0.13	-4.25e-05	-3.51e-04	4.43e-05
327	76	-0.01	0.04	-0.13	-1.87e-05	-3.32e-04	3.23e-05
327	104	-0.09	0.04	-0.09	-1.49e-05	-2.89e-04	4.22e-05
327	110	-5.42e-03	-0.07	-0.12	3.05e-05	-2.19e-04	-3.15e-05
327	115	-0.01	0.18	-0.08	-7.76e-05	-3.17e-04	1.11e-04
327	136	-0.11	0.04	-0.09	-1.32e-05	-2.93e-04	4.50e-05
327	142	-4.90e-03	-0.10	-0.12	4.13e-05	-2.09e-04	-4.37e-05
327	147	-0.01	0.21	-0.07	-8.83e-05	-3.27e-04	1.28e-04
328	47	-0.01	9.96e-03	-0.15	-1.42e-04	0.0	-3.42e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
328	56	-3.77e-03	0.02	-0.15	-1.49e-04	0.0	-3.41e-04
328	65	-4.64e-03	0.03	-0.15	-1.60e-04	0.0	-3.40e-04
328	103	-0.09	0.05	-0.12	-1.35e-04	0.0	-1.88e-04
328	119	-0.03	0.11	-0.12	-1.85e-04	0.0	-2.29e-04
328	123	-0.03	0.11	-0.12	-1.84e-04	0.0	-2.06e-04
328	135	-0.11	0.06	-0.12	-1.41e-04	0.0	-1.74e-04
328	151	-0.04	0.13	-0.13	-2.00e-04	0.0	-2.23e-04
328	155	-0.04	0.13	-0.13	-1.99e-04	0.0	-1.95e-04
329	47	-0.02	0.03	-0.15	-3.21e-04	0.0	-1.27e-04
329	56	-5.99e-03	0.04	-0.16	-3.30e-04	0.0	-1.23e-04
329	65	-7.22e-03	0.05	-0.15	-3.43e-04	0.0	-1.21e-04
329	95	-0.09	0.06	-0.12	-2.63e-04	0.0	-1.04e-04
329	119	-0.04	0.13	-0.12	-2.97e-04	0.0	-6.99e-05
329	123	-0.04	0.13	-0.12	-2.96e-04	0.0	-4.70e-05
329	127	-0.11	0.07	-0.12	-2.66e-04	0.0	-1.06e-04
329	151	-0.04	0.16	-0.13	-3.07e-04	0.0	-6.45e-05
329	155	-0.04	0.16	-0.13	-3.07e-04	0.0	-3.69e-05
330	2	-0.08	7.25e-03	-0.07	0.0	2.66e-04	3.32e-04
330	65	-0.07	0.09	-0.11	0.0	2.60e-04	3.74e-04
330	88	-0.07	0.04	-0.13	0.0	2.65e-04	3.59e-04
330	104	-0.15	0.05	-0.09	0.0	1.89e-04	2.96e-04
330	110	-0.06	-0.08	-0.12	0.0	2.16e-04	2.24e-04
330	115	-0.05	0.20	-0.07	0.0	1.89e-04	3.63e-04
330	136	-0.16	0.05	-0.09	0.0	1.87e-04	2.98e-04
330	142	-0.06	-0.10	-0.13	0.0	2.18e-04	2.12e-04
330	147	-0.05	0.23	-0.06	0.0	1.87e-04	3.80e-04
331	2	-0.08	2.81e-03	-0.07	0.0	-3.05e-04	3.21e-04
331	65	-0.06	0.08	-0.11	0.0	-3.13e-04	3.62e-04
331	88	-0.07	0.04	-0.13	0.0	-3.04e-04	3.44e-04
331	104	-0.14	0.05	-0.09	0.0	-2.56e-04	2.85e-04
331	110	-0.06	-0.07	-0.12	0.0	-2.22e-04	2.09e-04
331	115	-0.05	0.19	-0.07	0.0	-2.52e-04	3.59e-04
331	136	-0.16	0.05	-0.09	0.0	-2.60e-04	2.87e-04
331	142	-0.06	-0.10	-0.13	0.0	-2.19e-04	1.96e-04
331	147	-0.05	0.22	-0.06	0.0	-2.54e-04	3.76e-04
332	45	-0.03	0.07	-0.12	-2.61e-05	3.66e-04	1.56e-04
332	65	-0.02	0.09	-0.12	-3.86e-05	3.70e-04	1.63e-04
332	76	-0.02	0.05	-0.14	0.0	3.74e-04	1.53e-04
332	104	-0.11	0.05	-0.09	-3.11e-06	2.74e-04	1.35e-04
332	110	-8.29e-03	-0.08	-0.12	4.85e-05	3.07e-04	6.39e-05
332	115	-0.03	0.21	-0.08	-7.36e-05	2.64e-04	2.00e-04
332	136	-0.13	0.05	-0.09	-1.18e-06	2.71e-04	1.37e-04
332	142	-6.63e-03	-0.11	-0.12	6.07e-05	3.11e-04	5.23e-05
332	147	-0.03	0.24	-0.07	-8.57e-05	2.60e-04	2.16e-04
333	45	-9.77e-03	0.03	-0.14	1.01e-04	-1.25e-05	2.25e-05
333	56	-3.27e-03	0.03	-0.14	1.07e-04	-9.55e-06	2.85e-05
333	65	-3.27e-03	0.04	-0.14	9.87e-05	-1.22e-05	3.12e-05
333	104	-0.08	8.50e-03	-0.10	9.33e-05	-1.34e-05	3.21e-05
333	115	-0.02	0.10	-0.11	8.14e-05	-1.90e-05	9.92e-05
333	121	0.02	0.08	-0.11	7.48e-05	-1.26e-05	-2.92e-05
333	136	-0.09	6.10e-03	-0.10	9.59e-05	-1.49e-05	3.48e-05
333	147	-0.02	0.11	-0.12	8.16e-05	-2.15e-05	1.15e-04
333	153	0.03	0.10	-0.12	7.36e-05	-1.38e-05	-3.90e-05
334	2	3.43e-03	-0.04	-0.10	5.14e-04	8.30e-06	1.02e-04
334	22	0.01	-0.01	-0.15	5.49e-04	1.15e-05	1.30e-04
334	56	2.77e-03	-3.28e-03	-0.16	5.65e-04	7.52e-06	1.21e-04
334	102	0.09	-0.06	-0.11	4.65e-04	2.22e-05	5.74e-05
334	118	0.02	-0.15	-0.10	5.54e-04	6.05e-06	2.71e-04
334	119	-0.02	0.13	-0.13	2.81e-04	8.15e-06	-9.37e-05
334	134	0.11	-0.07	-0.10	4.74e-04	2.52e-05	5.07e-05
334	150	0.03	-0.17	-0.10	5.80e-04	5.88e-06	3.07e-04
334	151	-0.02	0.16	-0.13	2.55e-04	8.32e-06	-1.30e-04
335	47	-0.01	-1.53e-03	-0.15	-1.98e-05	0.0	-3.83e-04
335	56	-2.41e-03	5.12e-03	-0.15	-2.55e-05	0.0	-3.83e-04
335	88	-1.76e-03	-0.02	-0.14	8.87e-06	0.0	-3.80e-04
335	103	-0.08	0.04	-0.12	-4.90e-05	0.0	-2.25e-04
335	119	-0.03	0.09	-0.12	-1.04e-04	0.0	-2.65e-04
335	122	0.03	-0.10	-0.10	7.93e-05	0.0	-3.46e-04
335	135	-0.10	0.04	-0.12	-5.64e-05	0.0	-2.11e-04
335	151	-0.04	0.11	-0.12	-1.22e-04	0.0	-2.60e-04
335	154	0.03	-0.12	-0.10	9.76e-05	0.0	-3.56e-04
336	47	-8.94e-03	4.44e-03	-0.14	1.09e-04	0.0	-2.23e-04
336	56	-1.81e-03	0.01	-0.15	1.04e-04	0.0	-2.21e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
336	65	-2.10e-03	0.02	-0.14	9.23e-05	0.0	-2.20e-04
336	103	-0.08	0.04	-0.11	4.01e-05	0.0	-1.13e-04
336	119	-0.03	0.08	-0.12	-2.81e-05	0.0	-2.33e-04
336	123	-0.03	0.08	-0.12	-2.92e-05	0.0	-2.10e-04
336	135	-0.10	0.04	-0.11	3.06e-05	0.0	-1.01e-04
336	151	-0.03	0.10	-0.12	-5.14e-05	0.0	-2.46e-04
336	155	-0.03	0.10	-0.12	-5.27e-05	0.0	-2.18e-04
337	47	-0.01	-0.03	-0.15	-2.86e-04	0.0	-1.50e-04
337	56	-5.96e-03	-0.02	-0.15	-2.95e-04	0.0	-1.49e-04
337	88	-4.79e-03	-0.05	-0.14	-2.50e-04	0.0	-1.51e-04
337	103	-0.09	0.03	-0.11	-2.47e-04	0.0	-4.87e-05
337	114	0.03	-0.14	-0.10	-1.42e-04	0.0	-2.15e-04
337	121	0.02	0.08	-0.12	-2.90e-04	0.0	-8.59e-05
337	135	-0.11	0.04	-0.11	-2.52e-04	0.0	-3.53e-05
337	146	0.03	-0.16	-0.10	-1.28e-04	0.0	-2.35e-04
337	153	0.02	0.10	-0.12	-3.05e-04	0.0	-8.01e-05
338	47	-0.02	0.02	-0.15	-5.66e-04	0.0	-5.78e-05
338	56	-7.45e-03	0.02	-0.15	-5.79e-04	0.0	-5.51e-05
338	65	-8.79e-03	0.03	-0.15	-5.94e-04	0.0	-5.17e-05
338	95	-0.09	0.05	-0.11	-4.38e-04	0.0	-6.30e-05
338	115	-0.04	0.13	-0.12	-4.39e-04	0.0	5.17e-05
338	121	0.01	0.11	-0.12	-4.51e-04	0.0	-1.02e-04
338	127	-0.11	0.06	-0.11	-4.38e-04	0.0	-6.69e-05
338	147	-0.05	0.16	-0.12	-4.40e-04	0.0	7.12e-05
338	153	0.02	0.14	-0.12	-4.55e-04	0.0	-1.13e-04
339	21	0.03	0.02	-0.10	-9.47e-04	7.43e-06	1.55e-05
339	67	0.03	0.03	-0.10	-9.53e-04	2.79e-06	2.05e-05
339	76	0.02	0.02	-0.11	-9.34e-04	1.34e-05	7.46e-06
339	101	0.11	0.05	-0.07	-7.47e-04	1.18e-05	-4.55e-06
339	119	-0.03	0.11	-0.06	-7.72e-04	-2.80e-06	-4.20e-05
339	120	0.02	-0.06	-0.10	-6.73e-04	6.96e-06	3.92e-05
339	133	0.13	0.06	-0.07	-7.52e-04	1.29e-05	-7.52e-06
339	151	-0.04	0.13	-0.06	-7.81e-04	-4.15e-06	-5.26e-05
339	152	0.03	-0.07	-0.11	-6.63e-04	6.54e-06	4.52e-05
340	16	-6.92e-03	0.09	-0.15	-1.72e-04	0.0	4.58e-05
340	45	-0.02	0.09	-0.14	-1.77e-04	0.0	4.75e-05
340	67	-0.01	0.12	-0.15	-2.39e-04	0.0	5.01e-05
340	95	-0.10	0.09	-0.10	-1.80e-04	0.0	1.51e-05
340	105	0.08	0.07	-0.12	-1.43e-04	0.0	-1.48e-05
340	115	-0.05	0.23	-0.11	-2.40e-04	0.0	1.11e-04
340	127	-0.12	0.09	-0.10	-1.89e-04	0.0	1.09e-05
340	137	0.09	0.07	-0.12	-1.45e-04	0.0	-2.50e-05
340	147	-0.05	0.26	-0.11	-2.61e-04	0.0	1.26e-04
341	16	-7.11e-03	0.08	-0.15	-8.38e-06	0.0	-4.73e-05
341	45	-0.03	0.09	-0.14	-1.83e-05	0.0	-4.13e-05
341	65	-0.02	0.12	-0.14	-3.39e-05	0.0	-7.45e-05
341	95	-0.11	0.09	-0.10	-4.95e-05	0.0	-8.39e-05
341	105	0.08	0.06	-0.12	-1.94e-05	0.0	-8.61e-05
341	115	-0.05	0.25	-0.11	-9.48e-05	0.0	-7.57e-05
341	127	-0.13	0.09	-0.10	-5.70e-05	0.0	-9.37e-05
341	137	0.10	0.06	-0.12	-2.14e-05	0.0	-9.66e-05
341	147	-0.06	0.29	-0.11	-1.12e-04	0.0	-8.38e-05
342	45	-0.02	0.06	-0.13	2.41e-04	0.0	2.09e-05
342	56	-9.10e-03	0.07	-0.14	2.36e-04	0.0	2.54e-05
342	65	-0.01	0.08	-0.13	2.27e-04	0.0	2.92e-05
342	107	-0.10	0.10	-0.10	1.87e-04	0.0	7.07e-05
342	115	-0.04	0.17	-0.11	1.51e-04	0.0	1.23e-04
342	121	7.82e-03	0.14	-0.11	1.51e-04	0.0	4.50e-05
342	139	-0.12	0.11	-0.10	1.87e-04	0.0	8.16e-05
342	147	-0.04	0.20	-0.11	1.43e-04	0.0	1.44e-04
342	153	0.01	0.16	-0.11	1.44e-04	0.0	5.07e-05
343	16	-8.07e-03	0.08	-0.15	8.83e-06	-1.01e-05	-2.36e-05
343	45	-0.03	0.09	-0.14	-7.95e-06	-1.69e-05	-1.31e-05
343	65	-0.02	0.12	-0.14	-1.73e-05	-1.38e-05	-4.90e-05
343	95	-0.11	0.09	-0.10	-4.03e-05	-2.71e-05	-6.50e-05
343	105	0.08	0.06	-0.12	-8.30e-06	4.47e-06	-7.04e-05
343	115	-0.05	0.26	-0.11	-8.66e-05	-2.17e-05	-6.05e-05
343	127	-0.13	0.09	-0.10	-4.83e-05	-3.08e-05	-7.46e-05
343	137	0.10	0.06	-0.12	-1.04e-05	6.93e-06	-8.14e-05
343	147	-0.06	0.30	-0.11	-1.04e-04	-2.43e-05	-6.90e-05
344	24	0.04	0.21	-0.11	1.68e-03	0.0	-5.79e-05
344	65	0.03	0.22	-0.10	1.67e-03	0.0	-4.03e-05
344	76	0.03	0.20	-0.11	1.69e-03	0.0	-7.12e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
344	101	0.12	0.22	-0.07	1.29e-03	0.0	-5.92e-05
344	119	-0.03	0.32	-0.06	1.13e-03	0.0	-1.69e-05
344	120	0.03	0.03	-0.10	1.43e-03	0.0	-1.02e-04
344	133	0.14	0.23	-0.07	1.29e-03	0.0	-6.21e-05
344	151	-0.04	0.35	-0.06	1.10e-03	0.0	-1.13e-05
344	152	0.03	-2.10e-03	-0.11	1.46e-03	0.0	-1.13e-04
345	23	0.01	0.02	-0.13	-8.53e-05	6.45e-05	0.0
345	56	5.97e-03	0.02	-0.13	-9.62e-05	6.80e-05	0.0
345	65	6.32e-03	0.03	-0.13	-9.85e-05	6.14e-05	0.0
345	106	0.08	1.69e-03	-0.09	-3.76e-05	6.17e-05	0.0
345	111	-0.01	0.08	-0.10	-1.20e-04	3.97e-05	0.0
345	119	-0.03	0.09	-0.10	-1.22e-04	4.11e-05	0.0
345	138	0.10	-8.64e-04	-0.09	-3.21e-05	6.41e-05	0.0
345	143	-0.01	0.09	-0.10	-1.31e-04	3.77e-05	0.0
345	151	-0.03	0.11	-0.10	-1.33e-04	3.94e-05	0.0
346	47	-0.02	-0.03	-0.15	-3.02e-04	0.0	3.93e-05
346	56	-7.81e-03	-0.02	-0.15	-3.11e-04	0.0	4.17e-05
346	88	-6.63e-03	-0.05	-0.14	-2.62e-04	0.0	3.57e-05
346	103	-0.09	0.03	-0.11	-2.55e-04	0.0	9.16e-05
346	114	0.03	-0.15	-0.11	-1.61e-04	0.0	-5.47e-05
346	121	0.01	0.07	-0.12	-2.95e-04	0.0	-3.14e-05
346	135	-0.11	0.04	-0.11	-2.60e-04	0.0	1.04e-04
346	146	0.03	-0.18	-0.10	-1.48e-04	0.0	-7.21e-05
346	153	0.02	0.09	-0.12	-3.08e-04	0.0	-4.40e-05
347	47	-0.02	0.01	-0.15	-6.02e-04	0.0	2.96e-05
347	56	-8.75e-03	0.02	-0.15	-6.19e-04	0.0	3.24e-05
347	65	-0.01	0.03	-0.15	-6.34e-04	0.0	3.52e-05
347	95	-0.09	0.04	-0.11	-4.50e-04	0.0	2.89e-06
347	115	-0.04	0.14	-0.12	-4.50e-04	0.0	1.04e-04
347	121	0.01	0.11	-0.12	-4.78e-04	0.0	-3.92e-05
347	127	-0.11	0.04	-0.11	-4.51e-04	0.0	-1.19e-06
347	147	-0.05	0.17	-0.12	-4.50e-04	0.0	1.21e-04
347	153	0.02	0.13	-0.12	-4.81e-04	0.0	-5.18e-05
348	21	0.02	0.03	-0.13	3.90e-05	1.66e-06	3.82e-05
348	65	0.02	0.04	-0.13	2.57e-05	0.0	4.30e-05
348	76	0.01	0.02	-0.14	5.24e-05	0.0	3.04e-05
348	101	0.10	0.05	-0.10	2.13e-05	6.11e-06	1.36e-05
348	117	0.01	0.10	-0.09	-1.89e-05	6.54e-06	0.0
348	122	0.06	-0.05	-0.12	8.34e-05	0.0	5.60e-05
348	133	0.12	0.06	-0.10	1.94e-05	7.08e-06	1.08e-05
348	149	0.01	0.11	-0.09	-2.88e-05	7.05e-06	-5.69e-06
348	154	0.07	-0.06	-0.12	9.39e-05	0.0	6.17e-05
349	2	-0.01	-0.01	-0.10	0.0	2.90e-06	-1.25e-05
349	56	3.72e-03	0.05	-0.15	0.0	8.04e-05	0.0
349	67	2.84e-03	0.06	-0.15	0.0	7.83e-05	1.84e-06
349	94	0.09	0.02	-0.12	0.0	1.03e-04	1.41e-05
349	101	0.08	0.04	-0.12	0.0	9.10e-05	-1.69e-05
349	115	-0.03	0.16	-0.12	0.0	3.47e-05	7.66e-05
349	126	0.10	0.02	-0.12	0.0	1.11e-04	1.75e-05
349	133	0.09	0.04	-0.13	0.0	9.69e-05	-1.98e-05
349	147	-0.04	0.19	-0.12	0.0	2.92e-05	9.26e-05
350	22	0.03	0.26	-0.11	-1.86e-03	0.0	-7.99e-05
350	65	0.03	0.27	-0.10	-1.87e-03	0.0	-7.20e-05
350	76	0.02	0.26	-0.11	-1.85e-03	0.0	-8.88e-05
350	101	0.12	0.24	-0.07	-1.44e-03	0.0	-7.76e-05
350	119	-0.03	0.31	-0.06	-1.54e-03	0.0	-1.16e-04
350	120	0.02	0.12	-0.10	-1.31e-03	0.0	-3.41e-05
350	133	0.14	0.25	-0.07	-1.44e-03	0.0	-8.06e-05
350	151	-0.04	0.33	-0.06	-1.56e-03	0.0	-1.26e-04
350	152	0.03	0.10	-0.11	-1.28e-03	0.0	-2.83e-05
351	24	0.02	0.06	-0.13	-6.17e-06	5.20e-06	4.13e-05
351	65	1.73e-03	0.09	-0.12	-5.04e-06	-9.95e-06	6.04e-05
351	76	2.56e-03	0.05	-0.14	-5.36e-06	-3.53e-06	5.61e-05
351	106	0.10	9.97e-04	-0.10	-6.46e-06	1.81e-05	2.51e-05
351	123	-0.05	0.18	-0.08	-1.06e-06	-2.21e-05	1.41e-05
351	124	-3.08e-04	-0.07	-0.11	-6.17e-06	1.33e-06	9.33e-05
351	138	0.12	-9.05e-03	-0.10	-6.93e-06	2.25e-05	2.11e-05
351	155	-0.06	0.20	-0.08	0.0	-2.55e-05	8.08e-06
351	156	-8.19e-04	-0.09	-0.12	-6.58e-06	2.45e-06	1.03e-04
352	24	0.01	0.08	-0.13	0.0	-1.30e-05	-1.65e-06
352	65	2.34e-03	0.11	-0.11	0.0	-2.50e-05	8.37e-06
352	88	1.41e-03	0.04	-0.14	0.0	-1.20e-05	-8.09e-06
352	106	0.10	-0.01	-0.11	0.0	4.98e-06	-2.19e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
352	110	3.58e-03	-0.10	-0.13	0.0	4.22e-06	-6.07e-05
352	115	-1.63e-03	0.24	-0.07	0.0	-3.28e-05	8.50e-05
352	138	0.12	-0.03	-0.12	0.0	8.79e-06	-2.66e-05
352	142	4.05e-03	-0.13	-0.13	0.0	7.77e-06	-7.32e-05
352	147	-2.32e-03	0.27	-0.06	0.0	-3.62e-05	1.02e-04
353	47	-0.01	0.08	-0.12	0.0	-3.59e-05	2.51e-05
353	65	-9.09e-04	0.11	-0.12	0.0	-2.64e-05	3.63e-05
353	76	8.02e-04	0.05	-0.14	0.0	-1.54e-05	2.16e-05
353	107	-0.10	0.13	-0.08	0.0	-3.85e-05	4.42e-05
353	110	0.04	-0.10	-0.12	0.0	0.0	-3.89e-05
353	115	-0.04	0.24	-0.08	0.0	-3.19e-05	1.04e-04
353	139	-0.12	0.14	-0.08	0.0	-4.28e-05	4.89e-05
353	142	0.05	-0.13	-0.12	0.0	3.53e-06	-5.11e-05
353	147	-0.05	0.27	-0.07	0.0	-3.45e-05	1.20e-04
354	45	-0.02	0.07	-0.14	0.0	-2.42e-06	2.74e-06
354	56	-7.28e-03	0.08	-0.15	0.0	8.88e-06	5.40e-06
354	65	-9.22e-03	0.09	-0.14	0.0	5.90e-06	5.43e-06
354	107	-0.10	0.10	-0.11	0.0	-2.39e-05	3.03e-05
354	119	-0.04	0.18	-0.12	0.0	-1.13e-05	-5.46e-05
354	123	-0.05	0.18	-0.12	0.0	-1.21e-05	-2.98e-05
354	139	-0.12	0.11	-0.11	0.0	-3.00e-05	3.59e-05
354	151	-0.05	0.20	-0.12	0.0	-1.49e-05	-6.62e-05
354	155	-0.05	0.20	-0.12	0.0	-1.59e-05	-3.63e-05
355	45	-0.03	0.03	-0.15	-9.64e-06	-8.93e-06	3.37e-05
355	56	-0.03	0.04	-0.16	-1.35e-05	-2.85e-06	4.09e-05
355	68	-0.03	0.05	-0.16	-1.51e-05	-1.25e-06	4.43e-05
355	95	-0.11	0.04	-0.12	-1.66e-05	-7.29e-06	1.26e-05
355	113	-0.03	0.12	-0.13	-5.81e-05	2.52e-05	9.26e-05
355	115	-0.08	0.14	-0.13	-5.03e-05	1.57e-05	1.14e-04
355	127	-0.13	0.04	-0.12	-1.89e-05	-7.63e-06	9.58e-06
355	145	-0.03	0.14	-0.14	-6.87e-05	3.14e-05	1.06e-04
355	147	-0.09	0.16	-0.13	-5.94e-05	2.00e-05	1.31e-04
356	22	0.03	0.24	-0.11	-1.59e-03	0.0	-2.12e-04
356	65	0.03	0.25	-0.10	-1.61e-03	0.0	-2.03e-04
356	76	0.02	0.24	-0.12	-1.58e-03	0.0	-2.21e-04
356	101	0.11	0.22	-0.07	-1.24e-03	0.0	-1.80e-04
356	119	-0.03	0.28	-0.06	-1.34e-03	0.0	-2.22e-04
356	124	0.02	0.09	-0.10	-1.12e-03	0.0	-1.08e-04
356	133	0.13	0.23	-0.07	-1.24e-03	0.0	-1.83e-04
356	151	-0.05	0.30	-0.06	-1.37e-03	0.0	-2.33e-04
356	156	0.02	0.07	-0.11	-1.10e-03	0.0	-9.64e-05
357	45	-0.02	0.04	-0.15	-1.13e-06	8.40e-06	-1.84e-05
357	56	-0.02	0.05	-0.16	2.09e-06	1.22e-05	-1.14e-05
357	65	-0.02	0.06	-0.16	-7.22e-06	1.33e-05	-8.96e-06
357	95	-0.10	0.05	-0.12	-1.72e-05	6.23e-06	-5.95e-05
357	113	-0.02	0.15	-0.14	-4.12e-05	3.16e-05	-4.59e-05
357	115	-0.07	0.17	-0.13	-4.52e-05	2.41e-05	-6.54e-05
357	127	-0.12	0.05	-0.12	-2.14e-05	6.00e-06	-6.93e-05
357	145	-0.02	0.18	-0.14	-5.02e-05	3.65e-05	-5.30e-05
357	147	-0.08	0.20	-0.14	-5.51e-05	2.75e-05	-7.65e-05
358	55	-0.04	0.04	-0.11	8.29e-04	4.45e-05	1.04e-04
358	66	-0.04	0.04	-0.10	8.29e-04	4.72e-05	1.08e-04
358	68	-0.04	0.04	-0.11	8.29e-04	4.71e-05	1.08e-04
358	95	-0.12	0.03	-0.08	6.26e-04	3.16e-05	6.11e-05
358	113	-0.05	0.12	-0.10	5.92e-04	5.82e-05	1.40e-04
358	115	-0.10	0.13	-0.09	5.97e-04	5.03e-05	1.61e-04
358	127	-0.14	0.03	-0.08	6.22e-04	3.16e-05	5.80e-05
358	145	-0.06	0.14	-0.11	5.82e-04	6.34e-05	1.53e-04
358	147	-0.11	0.16	-0.10	5.88e-04	5.40e-05	1.79e-04
359	45	-0.01	0.04	-0.13	-1.00e-04	-9.31e-06	2.07e-05
359	56	-4.34e-03	0.05	-0.14	-1.06e-04	-5.01e-06	2.72e-05
359	66	-3.99e-03	0.05	-0.13	-1.01e-04	-5.87e-06	3.00e-05
359	97	0.07	0.06	-0.11	-8.59e-05	1.41e-05	4.44e-05
359	107	-0.08	0.07	-0.10	-7.60e-05	-2.27e-05	4.19e-05
359	115	-0.02	0.13	-0.10	-1.10e-04	-1.49e-05	1.04e-04
359	129	0.08	0.07	-0.11	-8.84e-05	1.75e-05	4.99e-05
359	139	-0.10	0.08	-0.10	-7.68e-05	-2.66e-05	4.68e-05
359	147	-0.02	0.15	-0.10	-1.18e-04	-1.72e-05	1.21e-04
360	2	0.01	-0.21	-0.10	7.36e-04	0.0	-5.98e-05
360	55	-2.76e-03	-0.17	-0.16	1.38e-03	0.0	7.66e-06
360	95	-0.09	-0.07	-0.12	1.03e-03	0.0	-9.87e-06
360	118	0.01	-0.30	-0.11	1.18e-03	0.0	-3.41e-05
360	123	-0.01	4.24e-03	-0.13	9.59e-04	0.0	5.58e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
360	127	-0.11	-0.05	-0.12	1.02e-03	0.0	-1.16e-05
360	150	0.01	-0.33	-0.11	1.20e-03	0.0	-4.04e-05
360	155	-0.01	0.03	-0.13	9.38e-04	0.0	6.72e-05
361	2	0.01	-0.04	-0.10	2.05e-04	0.0	5.87e-06
361	55	-6.55e-03	0.05	-0.16	-3.79e-04	0.0	6.08e-05
361	67	-7.72e-03	0.05	-0.16	-3.82e-04	0.0	6.40e-05
361	95	-0.09	0.08	-0.12	-2.72e-04	0.0	2.41e-05
361	119	-0.01	0.14	-0.12	-4.44e-04	0.0	-1.23e-05
361	123	-0.01	0.13	-0.12	-4.69e-04	0.0	1.15e-05
361	127	-0.11	0.09	-0.12	-2.69e-04	0.0	2.04e-05
361	151	-0.01	0.16	-0.13	-4.76e-04	0.0	-2.34e-05
361	155	-0.01	0.14	-0.13	-5.06e-04	0.0	5.09e-06
362	2	0.01	-0.07	-0.10	3.77e-04	0.0	1.94e-05
362	55	-5.20e-03	0.06	-0.16	3.04e-04	0.0	1.17e-04
362	95	-0.09	0.10	-0.12	2.43e-04	0.0	6.37e-05
362	119	-0.01	0.17	-0.13	8.75e-05	0.0	2.57e-05
362	123	-0.01	0.15	-0.13	8.41e-05	0.0	5.21e-05
362	127	-0.11	0.11	-0.12	2.43e-04	0.0	5.96e-05
362	151	-0.01	0.20	-0.13	5.75e-05	0.0	1.39e-05
362	155	-0.01	0.18	-0.13	5.34e-05	0.0	4.55e-05
363	2	-0.01	1.80e-04	-0.07	1.40e-06	-7.68e-06	-4.58e-06
363	66	1.79e-03	0.06	-0.12	1.54e-05	-1.03e-05	3.66e-05
363	76	-2.10e-03	0.03	-0.13	3.80e-05	-6.11e-06	2.42e-05
363	104	-0.08	0.03	-0.09	3.03e-05	-2.06e-05	3.53e-05
363	110	2.37e-03	-0.06	-0.10	7.48e-05	1.23e-05	-4.15e-05
363	115	-4.27e-03	0.13	-0.09	-3.18e-05	-2.47e-05	1.09e-04
363	136	-0.10	0.02	-0.09	3.20e-05	-2.34e-05	3.79e-05
363	142	2.92e-03	-0.07	-0.11	8.54e-05	1.61e-05	-5.46e-05
363	147	-5.07e-03	0.15	-0.08	-4.25e-05	-2.82e-05	1.26e-04
364	2	0.01	-0.14	-0.10	6.08e-04	0.0	-1.79e-05
364	55	-3.39e-03	-0.04	-0.16	1.08e-03	0.0	6.91e-05
364	95	-0.09	0.03	-0.12	7.87e-04	0.0	2.96e-05
364	118	9.69e-03	-0.19	-0.11	9.58e-04	0.0	1.87e-05
364	123	-0.01	0.10	-0.13	7.10e-04	0.0	1.01e-04
364	127	-0.11	0.04	-0.12	7.79e-04	0.0	2.62e-05
364	150	0.01	-0.22	-0.11	9.81e-04	0.0	1.32e-05
364	155	-0.01	0.12	-0.13	6.87e-04	0.0	1.11e-04
365	2	6.88e-03	-0.02	-0.10	1.05e-04	8.20e-06	-6.61e-06
365	47	-0.01	8.89e-04	-0.16	-2.19e-05	7.62e-06	2.45e-05
365	55	-9.63e-03	3.80e-03	-0.16	-2.64e-05	8.21e-06	3.08e-05
365	95	-0.09	0.04	-0.12	-2.97e-05	0.0	3.24e-06
365	119	-0.01	0.08	-0.12	-4.99e-05	-1.18e-06	-3.11e-05
365	123	-0.01	0.08	-0.12	-4.93e-05	-2.11e-06	-9.39e-06
365	127	-0.11	0.04	-0.12	-3.24e-05	0.0	0.0
365	151	-0.02	0.10	-0.12	-5.67e-05	-2.54e-06	-4.16e-05
365	155	-0.01	0.09	-0.12	-5.60e-05	-3.67e-06	-1.55e-05
366	2	0.01	-0.20	-0.10	1.07e-03	0.0	4.03e-04
366	55	-5.81e-03	-0.16	-0.16	1.72e-03	0.0	3.59e-04
366	95	-0.10	-0.06	-0.12	1.29e-03	0.0	2.30e-04
366	118	7.95e-03	-0.28	-0.12	1.46e-03	0.0	3.74e-04
366	123	-0.01	0.01	-0.13	1.21e-03	0.0	1.97e-04
366	127	-0.11	-0.05	-0.12	1.28e-03	0.0	2.22e-04
366	150	0.01	-0.31	-0.12	1.48e-03	0.0	3.95e-04
366	155	-0.02	0.04	-0.13	1.18e-03	0.0	1.83e-04
367	24	0.03	0.37	-0.11	-2.36e-04	0.0	-5.17e-04
367	65	0.03	0.38	-0.10	-2.54e-04	0.0	-5.04e-04
367	76	0.02	0.37	-0.12	-2.26e-04	0.0	-5.28e-04
367	101	0.12	0.33	-0.07	-1.95e-04	0.0	-4.19e-04
367	119	-0.04	0.40	-0.06	-3.26e-04	0.0	-4.73e-04
367	124	0.02	0.18	-0.11	-5.18e-05	0.0	-3.26e-04
367	133	0.14	0.34	-0.07	-1.97e-04	0.0	-4.23e-04
367	151	-0.05	0.43	-0.06	-3.55e-04	0.0	-4.88e-04
367	156	0.02	0.15	-0.11	-2.58e-05	0.0	-3.11e-04
368	45	-0.02	0.05	-0.14	-5.00e-04	-1.59e-05	6.47e-06
368	56	-0.01	0.06	-0.15	-5.26e-04	-1.18e-05	9.52e-06
368	67	-0.01	0.07	-0.15	-5.46e-04	-1.47e-05	1.14e-05
368	95	-0.10	0.06	-0.11	-3.77e-04	-3.03e-05	-1.41e-05
368	105	0.08	0.04	-0.12	-3.94e-04	3.47e-06	-4.53e-05
368	115	-0.04	0.18	-0.11	-3.88e-04	-2.83e-05	8.86e-05
368	127	-0.12	0.07	-0.11	-3.77e-04	-3.47e-05	-1.81e-05
368	137	0.09	0.04	-0.12	-3.96e-04	5.69e-06	-5.56e-05
368	147	-0.05	0.21	-0.11	-3.89e-04	-3.22e-05	1.05e-04
369	51	-6.84e-03	0.02	-0.11	-3.62e-05	-5.30e-06	-2.45e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
369	56	2.90e-04	0.04	-0.15	-5.20e-05	0.0	-2.66e-05
369	65	-2.20e-05	0.04	-0.15	-6.28e-05	-2.72e-06	-2.29e-05
369	102	0.08	9.75e-03	-0.10	8.93e-06	2.82e-05	-8.24e-05
369	119	-0.03	0.11	-0.12	-1.47e-04	-1.11e-05	-7.56e-05
369	134	0.10	7.06e-03	-0.10	1.73e-05	3.39e-05	-9.45e-05
369	151	-0.03	0.13	-0.13	-1.69e-04	-1.32e-05	-8.63e-05
370	47	-0.02	0.05	-0.15	-3.14e-04	-2.78e-05	-2.74e-05
370	56	-7.47e-03	0.06	-0.16	-3.24e-04	-2.31e-05	-2.12e-05
370	67	-9.04e-03	0.07	-0.15	-3.43e-04	-2.67e-05	-1.73e-05
370	95	-0.09	0.08	-0.12	-2.52e-04	-2.93e-05	-3.79e-05
370	119	-0.04	0.15	-0.12	-2.84e-04	-2.59e-05	-7.74e-05
370	123	-0.04	0.15	-0.12	-2.81e-04	-2.60e-05	-5.19e-05
370	127	-0.11	0.09	-0.12	-2.55e-04	-3.18e-05	-4.14e-05
370	151	-0.04	0.18	-0.13	-2.93e-04	-2.78e-05	-8.90e-05
370	155	-0.04	0.18	-0.13	-2.89e-04	-2.78e-05	-5.83e-05
371	47	-7.90e-03	0.04	-0.15	-5.79e-05	-1.41e-05	-9.14e-05
371	56	-1.12e-04	0.05	-0.15	-6.35e-05	-9.16e-06	-8.77e-05
371	65	-6.60e-04	0.05	-0.15	-7.49e-05	-1.07e-05	-8.34e-05
371	102	0.08	-5.62e-03	-0.11	-1.57e-05	1.45e-05	-1.35e-04
371	119	-0.03	0.13	-0.12	-1.11e-04	-1.77e-05	-1.28e-04
371	123	-0.03	0.13	-0.12	-1.10e-04	-1.72e-05	-1.03e-04
371	134	0.10	-0.01	-0.10	-1.05e-05	1.86e-05	-1.49e-04
371	151	-0.03	0.15	-0.13	-1.25e-04	-1.99e-05	-1.40e-04
371	155	-0.03	0.15	-0.13	-1.24e-04	-1.93e-05	-1.09e-04
372	24	0.03	0.43	-0.11	-4.31e-04	0.0	-1.38e-04
372	65	0.03	0.44	-0.10	-4.44e-04	0.0	-1.27e-04
372	76	0.02	0.43	-0.11	-4.24e-04	0.0	-1.49e-04
372	101	0.12	0.38	-0.07	-3.38e-04	0.0	-1.22e-04
372	119	-0.03	0.46	-0.06	-4.81e-04	0.0	-1.60e-04
372	120	0.02	0.23	-0.10	-2.02e-04	0.0	-8.02e-05
372	133	0.14	0.39	-0.07	-3.39e-04	0.0	-1.25e-04
372	151	-0.04	0.48	-0.06	-5.11e-04	0.0	-1.71e-04
372	152	0.03	0.21	-0.11	-1.76e-04	0.0	-7.46e-05
373	45	-0.03	0.09	-0.15	3.65e-05	0.0	3.71e-05
373	56	-0.01	0.11	-0.16	3.00e-05	0.0	5.75e-05
373	67	-0.02	0.13	-0.15	2.01e-05	0.0	6.96e-05
373	95	-0.11	0.12	-0.12	-1.54e-05	0.0	1.17e-05
373	115	-0.05	0.21	-0.12	-6.49e-05	0.0	1.40e-04
373	121	7.97e-03	0.20	-0.12	-5.83e-05	0.0	5.79e-05
373	127	-0.13	0.13	-0.12	-2.37e-05	0.0	8.06e-06
373	147	-0.06	0.24	-0.12	-8.34e-05	0.0	1.62e-04
373	153	0.01	0.22	-0.12	-7.55e-05	0.0	6.36e-05
374	47	-0.02	0.05	-0.15	-4.79e-04	-2.16e-05	-1.57e-05
374	56	-8.38e-03	0.06	-0.15	-4.97e-04	-1.78e-05	-1.08e-05
374	67	-9.98e-03	0.07	-0.15	-5.16e-04	-2.06e-05	-7.16e-06
374	95	-0.10	0.08	-0.11	-3.49e-04	-3.39e-05	-2.97e-05
374	115	-0.04	0.16	-0.12	-3.54e-04	-3.41e-05	7.89e-05
374	121	0.01	0.14	-0.12	-3.79e-04	-2.44e-05	-6.66e-05
374	127	-0.11	0.09	-0.11	-3.46e-04	-3.82e-05	-3.33e-05
374	147	-0.05	0.18	-0.12	-3.53e-04	-3.84e-05	9.73e-05
374	153	0.02	0.16	-0.12	-3.82e-04	-2.67e-05	-7.77e-05
375	47	-0.02	0.05	-0.15	-5.15e-04	-2.01e-05	0.0
375	56	-9.67e-03	0.06	-0.15	-5.37e-04	-1.65e-05	2.85e-06
375	67	-0.01	0.07	-0.15	-5.56e-04	-1.93e-05	5.88e-06
375	95	-0.10	0.06	-0.11	-3.80e-04	-2.86e-05	-2.02e-05
375	115	-0.04	0.17	-0.12	-3.93e-04	-2.44e-05	8.53e-05
375	121	0.01	0.14	-0.12	-4.11e-04	-1.59e-05	-6.05e-05
375	127	-0.11	0.07	-0.11	-3.79e-04	-3.20e-05	-2.43e-05
375	147	-0.05	0.19	-0.12	-3.92e-04	-2.70e-05	1.03e-04
375	153	0.02	0.16	-0.12	-4.15e-04	-1.68e-05	-7.28e-05
376	46	-6.70e-03	0.02	-0.14	2.90e-05	3.55e-06	2.24e-05
376	56	-2.53e-04	0.03	-0.15	2.88e-05	4.14e-06	2.85e-05
376	65	-3.02e-04	0.03	-0.14	1.90e-05	2.86e-06	3.15e-05
376	103	-0.08	0.03	-0.11	1.65e-05	-9.16e-06	7.42e-05
376	117	0.03	0.09	-0.12	-5.76e-06	5.50e-06	-9.36e-06
376	119	-0.02	0.09	-0.12	-7.10e-06	-2.28e-06	-3.19e-05
376	135	-0.09	0.03	-0.11	1.57e-05	-1.17e-05	8.55e-05
376	149	0.03	0.11	-0.12	-1.11e-05	5.89e-06	-1.51e-05
376	151	-0.02	0.10	-0.12	-1.27e-05	-3.44e-06	-4.23e-05
377	47	-0.01	0.06	-0.16	-4.79e-04	0.0	8.36e-05
377	55	-8.70e-03	0.06	-0.16	-4.85e-04	0.0	9.05e-05
377	67	-9.88e-03	0.06	-0.16	-4.89e-04	0.0	9.38e-05
377	95	-0.10	0.09	-0.12	-4.42e-04	0.0	4.51e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
377	119	-0.01	0.14	-0.12	-5.48e-04	0.0	4.47e-06
377	123	-0.01	0.13	-0.12	-5.44e-04	0.0	2.96e-05
377	127	-0.11	0.09	-0.12	-4.57e-04	0.0	4.09e-05
377	151	-0.02	0.16	-0.13	-5.84e-04	0.0	-7.97e-06
377	155	-0.01	0.15	-0.13	-5.80e-04	0.0	2.23e-05
378	24	0.04	0.37	-0.11	1.14e-03	0.0	-1.38e-04
378	65	0.03	0.38	-0.10	1.13e-03	0.0	-1.23e-04
378	76	0.03	0.37	-0.11	1.14e-03	0.0	-1.51e-04
378	101	0.12	0.34	-0.07	8.69e-04	0.0	-1.22e-04
378	119	-0.03	0.43	-0.06	7.19e-04	0.0	-7.95e-05
378	120	0.03	0.17	-0.10	1.01e-03	0.0	-1.63e-04
378	133	0.14	0.35	-0.07	8.68e-04	0.0	-1.25e-04
378	151	-0.04	0.46	-0.06	6.89e-04	0.0	-7.39e-05
378	152	0.03	0.14	-0.11	1.04e-03	0.0	-1.74e-04
379	47	-0.01	0.05	-0.14	0.0	-4.35e-05	4.52e-06
379	56	-5.69e-03	0.05	-0.15	0.0	-3.67e-05	8.23e-06
379	65	-6.09e-03	0.06	-0.14	0.0	-3.91e-05	9.51e-06
379	107	-0.09	0.08	-0.11	0.0	-5.06e-05	2.29e-05
379	111	-0.04	0.13	-0.11	0.0	-4.28e-05	5.38e-05
379	123	-0.04	0.14	-0.11	0.0	-4.49e-05	-2.30e-05
379	139	-0.11	0.09	-0.11	0.0	-5.51e-05	2.69e-05
379	143	-0.04	0.15	-0.12	0.0	-4.57e-05	6.39e-05
379	155	-0.05	0.16	-0.12	0.0	-4.83e-05	-2.81e-05
380	45	-0.02	0.07	-0.13	2.99e-05	-1.94e-05	5.43e-05
380	56	-9.35e-03	0.08	-0.14	2.61e-05	-1.65e-05	5.92e-05
380	67	-0.01	0.09	-0.14	1.32e-05	-1.81e-05	6.23e-05
380	107	-0.09	0.10	-0.11	2.14e-05	-2.64e-05	8.66e-05
380	115	-0.04	0.16	-0.11	-2.97e-05	-2.42e-05	1.32e-04
380	119	-0.04	0.15	-0.11	-2.82e-05	-2.48e-05	6.50e-05
380	139	-0.11	0.10	-0.11	2.03e-05	-2.93e-05	9.54e-05
380	147	-0.04	0.18	-0.11	-4.10e-05	-2.68e-05	1.50e-04
380	151	-0.05	0.17	-0.11	-3.92e-05	-2.76e-05	6.95e-05
381	47	-0.01	0.08	-0.16	2.18e-04	0.0	1.83e-04
381	55	-7.52e-03	0.09	-0.16	2.10e-04	0.0	1.91e-04
381	67	-8.64e-03	0.09	-0.16	2.04e-04	0.0	1.96e-04
381	95	-0.10	0.11	-0.12	1.07e-04	0.0	1.16e-04
381	119	-0.01	0.18	-0.13	7.85e-06	0.0	6.64e-05
381	123	-0.01	0.17	-0.13	1.01e-05	0.0	9.64e-05
381	127	-0.11	0.12	-0.12	9.49e-05	0.0	1.10e-04
381	151	-0.02	0.21	-0.13	-2.43e-05	0.0	5.12e-05
381	155	-0.01	0.19	-0.13	-2.17e-05	0.0	8.73e-05
382	2	0.01	-7.29e-03	-0.09	3.39e-05	1.70e-05	-3.64e-05
382	35	-6.65e-03	-7.02e-03	-0.15	1.11e-05	6.64e-06	4.67e-05
382	86	4.76e-04	-0.01	-0.14	1.29e-05	7.13e-06	3.97e-05
382	95	-0.09	0.06	-0.12	1.81e-05	-1.22e-05	2.46e-05
382	118	6.17e-03	-0.13	-0.10	5.93e-05	2.03e-05	1.53e-05
382	123	-0.01	0.09	-0.13	-5.15e-05	-1.07e-05	5.83e-05
382	127	-0.11	0.07	-0.12	2.00e-05	-1.57e-05	2.21e-05
382	150	7.96e-03	-0.15	-0.09	6.94e-05	2.30e-05	1.09e-05
382	155	-0.01	0.11	-0.13	-6.36e-05	-1.38e-05	6.27e-05
383	2	0.01	-0.01	-0.09	2.84e-05	1.53e-05	-7.93e-05
383	55	-4.15e-03	-8.83e-03	-0.15	2.31e-05	1.72e-05	4.98e-05
383	86	1.53e-03	-0.01	-0.14	2.58e-05	1.67e-05	3.51e-05
383	95	-0.09	0.06	-0.12	2.30e-05	1.94e-06	2.40e-05
383	118	8.46e-03	-0.13	-0.09	5.10e-05	2.84e-05	9.29e-06
383	123	-0.01	0.09	-0.13	-1.97e-05	-3.62e-06	5.86e-05
383	127	-0.11	0.07	-0.12	2.40e-05	0.0	2.18e-05
383	150	0.01	-0.16	-0.09	5.73e-05	3.13e-05	4.14e-06
383	155	-0.01	0.11	-0.13	-2.71e-05	-6.84e-06	6.34e-05
384	45	-0.02	0.04	-0.15	-1.84e-05	1.32e-05	-5.09e-05
384	56	-0.02	0.05	-0.16	-1.60e-05	1.79e-05	-4.31e-05
384	67	-0.02	0.06	-0.16	-2.44e-05	1.85e-05	-4.00e-05
384	95	-0.10	0.04	-0.12	-4.34e-05	-1.90e-06	-5.32e-05
384	113	-0.03	0.15	-0.14	-7.40e-05	3.03e-05	1.70e-05
384	115	-0.07	0.17	-0.13	-8.02e-05	1.65e-05	3.76e-05
384	127	-0.12	0.05	-0.12	-5.01e-05	-4.63e-06	-5.66e-05
384	145	-0.03	0.17	-0.14	-8.70e-05	3.40e-05	2.80e-05
384	147	-0.08	0.19	-0.14	-9.44e-05	1.74e-05	5.28e-05
385	24	0.03	0.30	-0.11	1.10e-03	0.0	-6.71e-04
385	65	0.03	0.31	-0.10	1.08e-03	0.0	-6.54e-04
385	76	0.02	0.29	-0.12	1.11e-03	0.0	-6.83e-04
385	101	0.12	0.28	-0.07	8.33e-04	0.0	-5.40e-04
385	119	-0.03	0.37	-0.07	6.97e-04	0.0	-6.04e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
385	124	0.02	0.10	-0.11	9.77e-04	0.0	-4.31e-04
385	133	0.14	0.29	-0.07	8.31e-04	0.0	-5.45e-04
385	151	-0.05	0.39	-0.06	6.68e-04	0.0	-6.22e-04
385	156	0.02	0.07	-0.11	1.00e-03	0.0	-4.14e-04
386	24	0.03	0.15	-0.11	1.44e-03	0.0	-6.69e-04
386	65	0.03	0.17	-0.10	1.42e-03	0.0	-6.51e-04
386	76	0.02	0.14	-0.12	1.45e-03	0.0	-6.82e-04
386	101	0.12	0.17	-0.07	1.09e-03	0.0	-5.42e-04
386	119	-0.03	0.27	-0.07	9.52e-04	0.0	-6.14e-04
386	124	0.02	-0.03	-0.11	1.24e-03	0.0	-4.19e-04
386	133	0.14	0.18	-0.07	1.09e-03	0.0	-5.47e-04
386	151	-0.05	0.30	-0.06	9.22e-04	0.0	-6.33e-04
386	156	0.02	-0.06	-0.11	1.27e-03	0.0	-4.00e-04
387	2	0.16	-0.02	-0.02	0.0	-1.48e-03	5.53e-04
387	24	0.16	-0.03	-0.08	0.0	-1.47e-03	5.87e-04
387	35	0.15	-0.03	-0.08	0.0	-1.47e-03	5.80e-04
387	94	0.21	-0.10	-0.05	0.0	-1.11e-03	4.76e-04
387	107	0.03	-0.03	-0.07	0.0	-1.15e-03	4.10e-04
387	118	0.14	-0.16	-0.05	0.0	-1.12e-03	4.29e-04
387	126	0.23	-0.11	-0.05	0.0	-1.11e-03	4.82e-04
387	139	0.01	-0.03	-0.08	0.0	-1.16e-03	4.02e-04
387	150	0.14	-0.19	-0.05	0.0	-1.12e-03	4.25e-04
388	2	0.02	-0.02	-0.09	5.41e-05	4.74e-05	-1.15e-04
388	55	3.76e-03	-0.02	-0.15	6.18e-05	5.55e-05	0.0
388	86	9.41e-03	-0.02	-0.14	6.46e-05	5.49e-05	-1.79e-05
388	94	0.10	-0.08	-0.10	4.13e-05	5.88e-05	1.12e-06
388	118	0.02	-0.15	-0.09	9.91e-05	6.00e-05	-4.75e-05
388	123	-6.56e-03	0.09	-0.12	-1.12e-05	2.24e-05	3.70e-05
388	126	0.12	-0.10	-0.10	3.98e-05	6.19e-05	2.26e-06
388	150	0.02	-0.17	-0.09	1.09e-04	6.33e-05	-5.61e-05
388	155	-8.88e-03	0.11	-0.13	-2.29e-05	1.87e-05	4.53e-05
389	2	1.25e-03	-0.25	-0.11	7.27e-04	0.0	1.51e-06
389	45	-0.02	-0.19	-0.16	1.45e-03	0.0	4.26e-05
389	56	-0.01	-0.18	-0.17	1.45e-03	0.0	4.65e-05
389	95	-0.10	-0.10	-0.12	1.08e-03	0.0	9.08e-06
389	113	-0.02	-0.02	-0.13	1.04e-03	0.0	1.09e-04
389	114	0.05	-0.29	-0.12	1.21e-03	0.0	-7.07e-05
389	127	-0.12	-0.09	-0.12	1.07e-03	0.0	4.17e-06
389	145	-0.02	8.58e-03	-0.13	1.03e-03	0.0	1.25e-04
389	146	0.06	-0.32	-0.12	1.23e-03	0.0	-9.18e-05
390	45	-0.02	0.06	-0.16	-3.13e-04	0.0	-5.44e-06
390	56	-0.02	0.07	-0.16	-3.16e-04	0.0	0.0
390	67	-0.02	0.08	-0.16	-3.24e-04	0.0	4.01e-06
390	95	-0.10	0.07	-0.12	-2.99e-04	0.0	-2.10e-05
390	113	-0.02	0.14	-0.13	-3.98e-04	0.0	6.33e-05
390	115	-0.07	0.15	-0.13	-4.13e-04	0.0	8.62e-05
390	127	-0.12	0.07	-0.12	-3.10e-04	0.0	-2.46e-05
390	145	-0.03	0.16	-0.13	-4.30e-04	0.0	7.68e-05
390	147	-0.08	0.17	-0.13	-4.49e-04	0.0	1.04e-04
391	2	0.31	-0.02	-0.02	0.0	-1.08e-03	7.71e-04
391	24	0.31	-0.03	-0.08	0.0	-1.07e-03	8.03e-04
391	35	0.30	-0.02	-0.08	0.0	-1.07e-03	7.96e-04
391	94	0.33	-0.09	-0.05	0.0	-8.01e-04	6.37e-04
391	107	0.15	-0.03	-0.07	0.0	-8.49e-04	5.60e-04
391	118	0.25	-0.15	-0.05	0.0	-8.09e-04	6.64e-04
391	126	0.35	-0.11	-0.05	0.0	-7.96e-04	6.41e-04
391	139	0.13	-0.03	-0.08	0.0	-8.54e-04	5.49e-04
391	150	0.26	-0.18	-0.05	0.0	-8.07e-04	6.73e-04
392	2	4.98e-04	-0.18	-0.10	6.52e-04	0.0	-3.24e-05
392	45	-0.02	-0.05	-0.16	1.18e-03	0.0	-5.98e-06
392	56	-0.01	-0.04	-0.16	1.17e-03	0.0	-1.58e-06
392	95	-0.10	-2.63e-03	-0.12	8.63e-04	0.0	-2.75e-05
392	113	-0.02	0.08	-0.13	8.11e-04	0.0	7.34e-05
392	114	0.05	-0.17	-0.12	1.01e-03	0.0	-1.09e-04
392	127	-0.12	4.29e-03	-0.12	8.55e-04	0.0	-3.23e-05
392	145	-0.02	0.11	-0.13	7.93e-04	0.0	8.91e-05
392	146	0.06	-0.19	-0.12	1.03e-03	0.0	-1.31e-04
393	2	-2.46e-03	-0.10	-0.10	4.71e-04	0.0	5.66e-05
393	45	-0.02	0.06	-0.16	3.74e-04	0.0	3.29e-06
393	56	-0.02	0.07	-0.16	3.72e-04	0.0	8.05e-06
393	95	-0.10	0.08	-0.12	2.35e-04	0.0	-1.84e-05
393	113	-0.02	0.16	-0.13	1.51e-04	0.0	7.32e-05
393	115	-0.07	0.17	-0.13	1.40e-04	0.0	9.85e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
393	127	-0.12	0.08	-0.12	2.24e-04	0.0	-2.28e-05
393	145	-0.02	0.18	-0.13	1.23e-04	0.0	8.73e-05
393	147	-0.08	0.20	-0.13	1.10e-04	0.0	1.18e-04
394	2	0.38	-0.01	-0.02	0.0	2.69e-04	7.90e-04
394	22	0.37	-0.02	-0.08	0.0	2.77e-04	8.19e-04
394	35	0.36	-0.02	-0.08	0.0	2.74e-04	8.14e-04
394	94	0.37	-0.09	-0.05	0.0	2.44e-04	6.46e-04
394	107	0.20	-0.02	-0.07	0.0	1.75e-04	5.77e-04
394	118	0.30	-0.15	-0.05	0.0	2.30e-04	6.79e-04
394	126	0.39	-0.10	-0.05	0.0	2.50e-04	6.50e-04
394	139	0.19	-0.02	-0.08	0.0	1.68e-04	5.66e-04
394	150	0.30	-0.17	-0.05	0.0	2.33e-04	6.90e-04
395	2	0.24	-8.80e-03	-0.02	0.0	1.59e-03	4.50e-04
395	22	0.24	-0.02	-0.08	0.0	1.59e-03	4.80e-04
395	35	0.23	-0.02	-0.09	0.0	1.59e-03	4.76e-04
395	94	0.27	-0.08	-0.05	0.0	1.26e-03	3.85e-04
395	107	0.10	-0.02	-0.07	0.0	1.18e-03	3.91e-04
395	118	0.20	-0.14	-0.05	0.0	1.24e-03	4.21e-04
395	126	0.28	-0.10	-0.05	0.0	1.27e-03	3.88e-04
395	139	0.09	-0.02	-0.08	0.0	1.17e-03	3.96e-04
395	150	0.20	-0.16	-0.05	0.0	1.24e-03	4.32e-04
396	2	0.02	-5.59e-03	-0.02	2.46e-05	9.97e-04	5.99e-05
396	21	0.02	-0.02	-0.08	2.33e-05	9.75e-04	9.14e-05
396	35	9.69e-03	-0.01	-0.08	2.44e-05	9.72e-04	8.77e-05
396	94	0.09	-0.08	-0.05	1.31e-05	7.70e-04	8.65e-05
396	107	-0.06	-0.02	-0.07	1.27e-06	7.26e-04	9.09e-05
396	118	0.02	-0.13	-0.05	4.83e-05	7.61e-04	1.22e-04
396	126	0.11	-0.09	-0.05	1.19e-05	7.74e-04	9.01e-05
396	139	-0.08	-0.02	-0.08	-2.14e-06	7.21e-04	9.55e-05
396	150	0.03	-0.16	-0.05	5.40e-05	7.63e-04	1.33e-04
397	22	0.03	-6.31e-03	-0.15	-3.29e-05	3.12e-05	-7.64e-06
397	35	0.02	-3.55e-03	-0.16	-3.15e-05	2.86e-05	-1.04e-05
397	88	0.02	-7.31e-03	-0.15	-2.99e-05	3.40e-05	-2.12e-05
397	101	0.11	0.06	-0.11	-4.65e-05	4.03e-05	-9.95e-06
397	118	0.06	-0.14	-0.13	2.62e-05	2.40e-05	-6.38e-05
397	120	0.01	-0.11	-0.14	3.72e-05	9.45e-06	-4.63e-05
397	133	0.13	0.07	-0.10	-5.08e-05	4.37e-05	-1.06e-05
397	150	0.07	-0.16	-0.13	3.62e-05	2.46e-05	-7.47e-05
397	152	0.01	-0.13	-0.14	4.93e-05	7.14e-06	-5.38e-05
398	2	-1.49e-03	-0.17	-0.10	5.87e-04	0.0	1.22e-04
398	45	-0.02	-0.04	-0.16	1.07e-03	0.0	1.01e-04
398	56	-0.02	-0.03	-0.16	1.07e-03	0.0	1.05e-04
398	95	-0.10	8.11e-04	-0.12	7.86e-04	0.0	5.33e-05
398	113	-0.02	0.10	-0.13	7.41e-04	0.0	1.48e-04
398	114	0.05	-0.17	-0.12	9.24e-04	0.0	-1.78e-05
398	127	-0.12	7.15e-03	-0.12	7.78e-04	0.0	4.83e-05
398	145	-0.02	0.12	-0.13	7.24e-04	0.0	1.62e-04
398	146	0.06	-0.20	-0.11	9.42e-04	0.0	-3.72e-05
399	45	-0.03	0.03	-0.15	-5.22e-05	-1.47e-05	3.55e-05
399	56	-0.02	0.03	-0.16	-5.98e-05	-1.08e-05	4.24e-05
399	66	-0.02	0.04	-0.16	-5.77e-05	-9.20e-06	4.56e-05
399	95	-0.11	0.03	-0.12	-4.83e-05	-1.19e-05	1.34e-05
399	113	-0.03	0.11	-0.13	-9.09e-05	1.20e-05	9.10e-05
399	115	-0.07	0.12	-0.13	-8.25e-05	4.88e-06	1.12e-04
399	127	-0.12	0.04	-0.12	-5.02e-05	-1.22e-05	1.03e-05
399	145	-0.03	0.13	-0.13	-1.01e-04	1.65e-05	1.04e-04
399	147	-0.09	0.14	-0.13	-9.12e-05	7.94e-06	1.29e-04
400	2	-6.37e-03	-0.08	-0.10	2.95e-04	0.0	4.03e-04
400	45	-0.02	8.16e-03	-0.16	5.14e-04	0.0	1.93e-04
400	56	-0.02	0.02	-0.16	5.14e-04	0.0	1.95e-04
400	95	-0.11	0.02	-0.12	3.75e-04	0.0	9.52e-05
400	113	-0.02	0.13	-0.14	3.37e-04	0.0	7.87e-05
400	115	-0.07	0.15	-0.13	3.41e-04	0.0	9.43e-05
400	127	-0.13	0.03	-0.12	3.71e-04	0.0	8.44e-05
400	145	-0.02	0.16	-0.14	3.24e-04	0.0	6.45e-05
400	147	-0.08	0.18	-0.14	3.29e-04	0.0	8.33e-05
401	45	-0.02	0.06	-0.13	2.66e-04	0.0	-9.57e-06
401	56	-9.31e-03	0.07	-0.14	2.63e-04	0.0	-6.59e-06
401	65	-0.01	0.08	-0.13	2.54e-04	0.0	-4.15e-06
401	105	0.08	0.05	-0.11	2.02e-04	0.0	-6.13e-05
401	107	-0.10	0.10	-0.10	1.94e-04	0.0	8.66e-06
401	115	-0.04	0.19	-0.10	1.71e-04	0.0	-5.59e-05
401	137	0.09	0.05	-0.11	2.00e-04	0.0	-7.24e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
401	139	-0.12	0.11	-0.10	1.91e-04	0.0	1.18e-05
401	147	-0.04	0.22	-0.10	1.63e-04	0.0	-6.58e-05
402	45	-0.02	0.05	-0.13	1.18e-04	-1.22e-05	-4.28e-06
402	56	-8.96e-03	0.06	-0.14	1.13e-04	-8.72e-06	0.0
402	67	-0.01	0.07	-0.13	1.06e-04	-1.07e-05	3.17e-06
402	107	-0.10	0.09	-0.10	9.93e-05	-3.25e-05	2.42e-05
402	115	-0.04	0.17	-0.11	6.67e-05	-3.40e-05	9.30e-05
402	121	7.89e-03	0.14	-0.11	6.33e-05	-2.05e-05	-5.70e-05
402	139	-0.12	0.10	-0.10	1.00e-04	-3.79e-05	2.97e-05
402	147	-0.04	0.19	-0.11	6.09e-05	-3.97e-05	1.12e-04
402	153	0.01	0.16	-0.11	5.68e-05	-2.34e-05	-6.81e-05
403	45	-0.02	0.05	-0.13	1.21e-04	-1.38e-05	9.66e-06
403	56	-0.01	0.06	-0.14	1.17e-04	-6.90e-06	1.29e-05
403	67	-0.01	0.07	-0.13	1.11e-04	-1.22e-05	1.53e-05
403	105	0.08	0.04	-0.11	8.37e-05	1.04e-05	-4.48e-05
403	107	-0.10	0.09	-0.10	9.84e-05	-2.18e-05	2.62e-05
403	115	-0.04	0.18	-0.10	7.30e-05	-1.17e-05	-4.44e-05
403	137	0.09	0.04	-0.11	8.08e-05	1.36e-05	-5.55e-05
403	139	-0.12	0.10	-0.10	9.85e-05	-2.51e-05	2.99e-05
403	147	-0.05	0.21	-0.10	6.79e-05	-1.27e-05	-5.50e-05
404	24	0.03	0.18	-0.12	1.01e-03	0.0	-7.39e-04
404	65	0.02	0.20	-0.11	9.95e-04	0.0	-7.23e-04
404	76	0.02	0.17	-0.12	1.02e-03	0.0	-7.51e-04
404	101	0.12	0.18	-0.08	7.65e-04	0.0	-6.53e-04
404	119	-0.04	0.26	-0.07	6.59e-04	0.0	-6.88e-04
404	124	0.02	0.02	-0.11	8.89e-04	0.0	-4.53e-04
404	133	0.14	0.19	-0.08	7.62e-04	0.0	-6.70e-04
404	151	-0.05	0.29	-0.06	6.36e-04	0.0	-7.11e-04
404	156	0.02	-8.70e-04	-0.11	9.11e-04	0.0	-4.30e-04
405	16	-6.13e-03	0.06	-0.13	8.66e-05	-2.32e-05	5.86e-05
405	45	-0.02	0.06	-0.12	8.44e-05	-4.43e-05	5.59e-05
405	67	-0.01	0.08	-0.12	7.47e-05	-4.37e-05	6.17e-05
405	93	0.08	0.11	-0.10	6.22e-05	-1.01e-05	1.04e-04
405	107	-0.10	0.10	-0.09	6.81e-05	-5.06e-05	6.58e-05
405	115	-0.04	0.20	-0.09	3.96e-05	-5.42e-05	1.22e-04
405	125	0.09	0.12	-0.11	6.07e-05	-7.18e-06	1.16e-04
405	139	-0.12	0.12	-0.09	6.78e-05	-5.58e-05	7.01e-05
405	147	-0.05	0.23	-0.09	3.36e-05	-6.02e-05	1.38e-04
406	2	-0.02	0.02	-0.09	1.17e-04	-6.60e-05	-6.16e-05
406	67	-0.01	0.08	-0.14	8.34e-05	-5.16e-05	-1.30e-05
406	76	-0.01	0.04	-0.14	1.19e-04	-5.93e-05	-2.70e-05
406	107	-0.10	0.09	-0.11	4.58e-05	-6.35e-05	7.95e-06
406	115	-0.02	0.16	-0.10	-6.60e-06	-5.16e-05	6.98e-05
406	116	-0.05	-0.07	-0.11	1.63e-04	-4.43e-05	-8.00e-05
406	139	-0.12	0.10	-0.11	3.87e-05	-6.77e-05	1.28e-05
406	147	-0.02	0.19	-0.10	-2.42e-05	-5.33e-05	8.73e-05
406	148	-0.06	-0.09	-0.12	1.79e-04	-4.48e-05	-9.30e-05
407	45	-0.02	0.05	-0.13	2.66e-04	-2.96e-05	-3.68e-06
407	67	-9.47e-03	0.07	-0.13	2.50e-04	-2.70e-05	3.47e-06
407	76	-9.83e-03	0.03	-0.14	2.84e-04	-2.41e-05	-8.76e-06
407	107	-0.10	0.09	-0.10	1.72e-04	-4.02e-05	2.27e-05
407	110	2.06e-03	-0.08	-0.11	2.98e-04	-7.47e-06	-6.82e-05
407	115	-0.02	0.17	-0.09	1.18e-04	-3.00e-05	8.74e-05
407	139	-0.12	0.10	-0.10	1.64e-04	-4.44e-05	2.78e-05
407	142	4.00e-03	-0.11	-0.11	3.16e-04	-5.40e-06	-8.15e-05
407	147	-0.02	0.20	-0.09	9.99e-05	-3.20e-05	1.06e-04
408	21	0.03	0.03	-0.11	-6.61e-04	2.76e-06	-2.67e-06
408	67	0.02	0.04	-0.11	-6.69e-04	-2.69e-06	2.62e-06
408	76	0.02	0.03	-0.12	-6.46e-04	7.86e-06	-1.09e-05
408	101	0.11	0.05	-0.08	-5.26e-04	8.12e-06	-1.75e-05
408	119	-0.04	0.10	-0.06	-5.50e-04	-9.39e-06	-5.33e-05
408	124	0.02	-0.06	-0.11	-4.59e-04	7.20e-06	4.48e-05
408	133	0.13	0.06	-0.07	-5.30e-04	9.26e-06	-2.03e-05
408	151	-0.05	0.12	-0.06	-5.59e-04	-1.15e-05	-6.34e-05
408	156	0.02	-0.07	-0.11	-4.49e-04	7.89e-06	5.47e-05
409	24	0.02	0.02	-0.14	-3.24e-04	0.0	1.40e-04
409	65	0.01	0.04	-0.13	-3.42e-04	0.0	1.56e-04
409	76	0.01	0.02	-0.15	-3.14e-04	0.0	1.28e-04
409	101	0.10	0.06	-0.10	-2.63e-04	0.0	1.24e-05
409	119	-0.04	0.14	-0.09	-3.58e-04	0.0	-5.24e-05
409	124	5.67e-03	-0.10	-0.12	-1.51e-04	0.0	2.62e-04
409	133	0.12	0.07	-0.10	-2.66e-04	0.0	-6.61e-06
409	151	-0.05	0.17	-0.09	-3.79e-04	0.0	-8.43e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
409	156	4.97e-03	-0.13	-0.12	-1.32e-04	0.0	2.93e-04
410	24	0.03	0.05	-0.12	7.99e-04	3.09e-05	-4.39e-04
410	67	0.02	0.07	-0.11	7.81e-04	2.09e-05	-4.24e-04
410	76	0.02	0.04	-0.12	8.09e-04	3.34e-05	-4.51e-04
410	101	0.12	0.06	-0.08	6.01e-04	2.66e-05	-4.30e-04
410	119	-0.04	0.17	-0.07	5.11e-04	7.55e-06	-4.95e-04
410	124	0.02	-0.08	-0.11	7.09e-04	2.79e-05	-1.86e-04
410	133	0.14	0.06	-0.08	5.99e-04	2.77e-05	-4.48e-04
410	151	-0.05	0.20	-0.06	4.91e-04	4.99e-06	-5.26e-04
410	156	0.02	-0.10	-0.11	7.27e-04	2.90e-05	-1.56e-04
411	45	-0.02	0.05	-0.12	2.85e-04	-1.58e-05	1.68e-05
411	67	-5.82e-03	0.08	-0.13	2.71e-04	-1.40e-05	2.20e-05
411	76	-5.61e-03	0.03	-0.13	3.02e-04	-2.71e-06	1.51e-05
411	107	-0.10	0.09	-0.09	1.87e-04	-2.63e-05	3.38e-05
411	110	5.66e-03	-0.09	-0.11	3.12e-04	1.43e-05	-4.01e-05
411	115	-0.02	0.18	-0.09	1.33e-04	-2.46e-05	9.07e-05
411	139	-0.12	0.11	-0.09	1.80e-04	-3.05e-05	3.79e-05
411	142	7.72e-03	-0.12	-0.11	3.30e-04	1.83e-05	-5.10e-05
411	147	-0.02	0.21	-0.09	1.15e-04	-2.84e-05	1.06e-04
412	45	-0.01	0.06	-0.13	9.63e-05	2.11e-05	5.02e-05
412	67	-3.81e-03	0.09	-0.13	8.40e-05	2.26e-05	5.42e-05
412	88	-3.34e-03	0.03	-0.14	1.26e-04	5.06e-05	4.81e-05
412	107	-0.10	0.11	-0.09	4.62e-05	3.34e-06	6.11e-05
412	110	0.04	-0.09	-0.12	1.70e-04	5.20e-05	-1.63e-05
412	115	-0.04	0.20	-0.09	-7.96e-06	6.20e-06	1.18e-04
412	139	-0.12	0.12	-0.09	3.93e-05	-1.73e-06	6.54e-05
412	142	0.05	-0.12	-0.12	1.88e-04	5.66e-05	-2.76e-05
412	147	-0.05	0.23	-0.09	-2.57e-05	1.70e-06	1.34e-04
413	47	-0.02	0.06	-0.15	-3.50e-05	-2.22e-05	1.89e-06
413	56	-8.86e-03	0.06	-0.15	-3.82e-05	-6.53e-06	7.16e-06
413	65	-0.01	0.07	-0.14	-4.78e-05	-1.52e-05	8.81e-06
413	107	-0.10	0.09	-0.11	-5.39e-05	-2.25e-05	-5.46e-05
413	119	-0.04	0.16	-0.12	-9.42e-05	-1.63e-05	-5.73e-05
413	123	-0.04	0.16	-0.12	-9.29e-05	-1.61e-05	-5.74e-05
413	139	-0.12	0.10	-0.11	-5.98e-05	-2.56e-05	-6.61e-05
413	151	-0.05	0.18	-0.12	-1.08e-04	-1.79e-05	-6.93e-05
413	155	-0.05	0.18	-0.12	-1.07e-04	-1.76e-05	-6.95e-05
414	2	-0.02	0.03	-0.08	-2.47e-05	-2.18e-06	1.59e-05
414	65	-9.27e-03	0.08	-0.13	-4.23e-05	-2.95e-06	4.55e-05
414	76	-9.70e-03	0.04	-0.14	-1.17e-05	5.22e-06	4.26e-05
414	107	-0.10	0.09	-0.10	-4.18e-05	-3.09e-05	5.60e-05
414	123	-0.05	0.16	-0.10	-7.46e-05	-1.92e-05	8.75e-06
414	124	-0.02	-0.07	-0.11	3.17e-05	6.78e-06	7.83e-05
414	139	-0.12	0.10	-0.10	-4.63e-05	-3.76e-05	6.05e-05
414	155	-0.06	0.19	-0.10	-8.55e-05	-2.35e-05	3.79e-06
414	156	-0.02	-0.09	-0.11	4.19e-05	7.53e-06	8.72e-05
415	24	0.01	0.06	-0.13	-4.77e-06	1.28e-05	8.74e-05
415	65	4.05e-03	0.08	-0.12	-3.97e-06	-1.91e-05	9.53e-05
415	76	3.57e-03	0.05	-0.13	-3.63e-06	-9.07e-06	8.99e-05
415	101	0.10	0.07	-0.09	-6.23e-06	2.07e-05	5.84e-05
415	123	-0.05	0.16	-0.08	3.52e-06	-4.19e-05	4.25e-05
415	124	-1.12e-05	-0.06	-0.11	-6.87e-06	3.02e-06	1.17e-04
415	133	0.12	0.07	-0.09	-6.92e-06	2.67e-05	5.58e-05
415	155	-0.06	0.19	-0.08	4.75e-06	-4.84e-05	3.69e-05
415	156	-6.66e-04	-0.09	-0.11	-7.61e-06	5.37e-06	1.26e-04
416	21	0.04	0.01	-0.10	-8.33e-04	7.60e-06	8.65e-05
416	68	0.03	0.02	-0.10	-8.34e-04	6.51e-06	9.08e-05
416	76	0.03	0.01	-0.11	-8.23e-04	1.29e-05	7.85e-05
416	101	0.12	0.06	-0.07	-6.58e-04	1.28e-05	4.92e-05
416	119	-0.03	0.11	-0.06	-6.77e-04	7.35e-06	1.02e-05
416	120	0.03	-0.07	-0.10	-5.92e-04	-3.80e-06	9.56e-05
416	133	0.14	0.06	-0.06	-6.62e-04	1.41e-05	4.61e-05
416	151	-0.04	0.14	-0.06	-6.84e-04	7.01e-06	0.0
416	152	0.03	-0.09	-0.11	-5.83e-04	-5.40e-06	1.02e-04
417	24	0.04	0.13	-0.10	1.32e-03	0.0	7.52e-04
417	65	0.04	0.14	-0.10	1.32e-03	0.0	7.68e-04
417	76	0.03	0.13	-0.11	1.32e-03	0.0	7.39e-04
417	101	0.13	0.17	-0.07	1.02e-03	0.0	5.93e-04
417	119	-0.03	0.25	-0.06	9.19e-04	0.0	6.72e-04
417	120	0.03	-0.02	-0.10	1.10e-03	0.0	4.75e-04
417	133	0.15	0.18	-0.06	1.02e-03	0.0	5.96e-04
417	151	-0.04	0.28	-0.06	9.00e-04	0.0	6.91e-04
417	152	0.03	-0.04	-0.11	1.11e-03	0.0	4.55e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
418	22	0.04	0.21	-0.10	-1.44e-03	0.0	4.53e-04
418	65	0.03	0.21	-0.10	-1.45e-03	0.0	4.60e-04
418	76	0.03	0.21	-0.11	-1.44e-03	0.0	4.43e-04
418	101	0.12	0.21	-0.07	-1.14e-03	0.0	3.33e-04
418	119	-0.03	0.28	-0.06	-1.19e-03	0.0	3.00e-04
418	120	0.03	0.07	-0.10	-1.02e-03	0.0	3.71e-04
418	133	0.14	0.22	-0.07	-1.15e-03	0.0	3.31e-04
418	151	-0.04	0.30	-0.06	-1.20e-03	0.0	2.91e-04
418	152	0.03	0.05	-0.11	-1.00e-03	0.0	3.76e-04
419	24	0.04	0.33	-0.10	-2.45e-04	0.0	8.22e-04
419	65	0.03	0.34	-0.10	-2.50e-04	0.0	8.32e-04
419	76	0.03	0.33	-0.11	-2.42e-04	0.0	8.11e-04
419	101	0.12	0.31	-0.07	-1.87e-04	0.0	6.24e-04
419	119	-0.03	0.38	-0.06	-2.73e-04	0.0	6.56e-04
419	120	0.03	0.16	-0.10	-8.93e-05	0.0	5.87e-04
419	133	0.14	0.32	-0.07	-1.86e-04	0.0	6.22e-04
419	151	-0.04	0.41	-0.06	-2.89e-04	0.0	6.61e-04
419	152	0.03	0.13	-0.11	-6.97e-05	0.0	5.78e-04
420	24	0.04	0.27	-0.10	9.71e-04	0.0	8.64e-04
420	65	0.04	0.28	-0.10	9.66e-04	0.0	8.78e-04
420	76	0.03	0.27	-0.11	9.75e-04	0.0	8.52e-04
420	101	0.12	0.27	-0.07	7.48e-04	0.0	6.68e-04
420	119	-0.03	0.35	-0.06	6.47e-04	0.0	7.20e-04
420	120	0.03	0.10	-0.10	8.32e-04	0.0	5.94e-04
420	133	0.14	0.28	-0.06	7.48e-04	0.0	6.69e-04
420	151	-0.04	0.38	-0.06	6.28e-04	0.0	7.31e-04
420	152	0.03	0.07	-0.11	8.48e-04	0.0	5.80e-04
421	45	-0.02	0.09	-0.14	-2.18e-04	0.0	1.60e-05
421	56	-0.01	0.10	-0.15	-2.55e-04	0.0	1.81e-05
421	67	-0.01	0.12	-0.15	-2.84e-04	0.0	2.04e-05
421	95	-0.10	0.09	-0.11	-2.05e-04	0.0	-8.06e-06
421	105	0.08	0.07	-0.12	-1.76e-04	0.0	-3.92e-05
421	115	-0.04	0.21	-0.11	-2.57e-04	0.0	9.48e-05
421	127	-0.12	0.10	-0.11	-2.11e-04	0.0	-1.22e-05
421	137	0.09	0.07	-0.12	-1.78e-04	0.0	-4.96e-05
421	147	-0.05	0.24	-0.11	-2.74e-04	0.0	1.12e-04
422	21	0.03	0.02	-0.10	-9.57e-04	6.61e-06	5.78e-05
422	68	0.03	0.02	-0.10	-9.59e-04	5.20e-06	6.24e-05
422	76	0.02	0.02	-0.11	-9.45e-04	1.19e-05	4.99e-05
422	101	0.12	0.05	-0.07	-7.54e-04	1.14e-05	2.76e-05
422	119	-0.03	0.11	-0.06	-7.77e-04	6.07e-06	-1.06e-05
422	120	0.03	-0.06	-0.10	-6.82e-04	-3.59e-06	7.27e-05
422	133	0.14	0.06	-0.07	-7.58e-04	1.26e-05	2.46e-05
422	151	-0.04	0.13	-0.06	-7.86e-04	5.58e-06	-2.14e-05
422	152	0.03	-0.08	-0.11	-6.72e-04	-4.94e-06	7.88e-05
423	24	0.04	0.20	-0.11	1.66e-03	0.0	1.55e-04
423	65	0.03	0.21	-0.10	1.65e-03	0.0	1.72e-04
423	76	0.03	0.20	-0.11	1.66e-03	0.0	1.41e-04
423	101	0.12	0.22	-0.07	1.27e-03	0.0	1.16e-04
423	119	-0.03	0.32	-0.06	1.12e-03	0.0	1.60e-04
423	120	0.03	0.02	-0.10	1.40e-03	0.0	5.58e-05
423	133	0.14	0.23	-0.07	1.27e-03	0.0	1.15e-04
423	151	-0.04	0.35	-0.06	1.09e-03	0.0	1.68e-04
423	152	0.03	-2.47e-03	-0.11	1.43e-03	0.0	4.37e-05
424	16	-6.83e-03	0.09	-0.15	3.94e-05	0.0	-2.71e-05
424	45	-0.03	0.09	-0.14	3.89e-05	0.0	-1.77e-05
424	67	-0.02	0.13	-0.15	1.77e-05	0.0	-4.04e-05
424	95	-0.11	0.10	-0.10	-1.66e-05	0.0	-7.89e-05
424	105	0.08	0.07	-0.12	1.57e-05	0.0	-7.30e-05
424	115	-0.05	0.25	-0.11	-6.89e-05	0.0	-7.11e-05
424	127	-0.13	0.10	-0.10	-2.48e-05	0.0	-9.10e-05
424	137	0.10	0.07	-0.12	1.32e-05	0.0	-8.39e-05
424	147	-0.06	0.29	-0.11	-8.80e-05	0.0	-8.16e-05
425	16	-4.61e-03	0.07	-0.13	1.10e-04	-3.42e-05	4.54e-05
425	45	-0.02	0.07	-0.12	1.00e-04	-4.65e-05	4.23e-05
425	67	-0.01	0.09	-0.12	8.75e-05	-4.33e-05	4.88e-05
425	93	0.08	0.12	-0.10	6.96e-05	-7.70e-06	9.01e-05
425	107	-0.10	0.11	-0.09	5.15e-05	-5.56e-05	5.29e-05
425	115	-0.04	0.20	-0.09	0.0	-4.72e-05	1.06e-04
425	125	0.09	0.13	-0.11	6.68e-05	-3.23e-06	1.01e-04
425	139	-0.12	0.12	-0.09	4.52e-05	-6.07e-05	5.68e-05
425	147	-0.04	0.23	-0.09	-1.75e-05	-5.06e-05	1.21e-04
426	22	0.04	0.26	-0.10	-1.83e-03	0.0	1.86e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
426	65	0.03	0.27	-0.10	-1.84e-03	0.0	1.93e-04
426	76	0.02	0.26	-0.11	-1.82e-03	0.0	1.77e-04
426	101	0.12	0.24	-0.07	-1.45e-03	0.0	1.28e-04
426	119	-0.03	0.31	-0.06	-1.51e-03	0.0	9.28e-05
426	120	0.03	0.11	-0.10	-1.29e-03	0.0	1.67e-04
426	133	0.14	0.25	-0.07	-1.46e-03	0.0	1.25e-04
426	151	-0.04	0.33	-0.06	-1.53e-03	0.0	8.30e-05
426	152	0.03	0.09	-0.11	-1.27e-03	0.0	1.73e-04
427	24	0.04	0.42	-0.11	-4.23e-04	0.0	2.93e-04
427	65	0.03	0.43	-0.10	-4.33e-04	0.0	3.04e-04
427	76	0.03	0.42	-0.11	-4.18e-04	0.0	2.82e-04
427	101	0.12	0.38	-0.07	-3.28e-04	0.0	2.14e-04
427	119	-0.03	0.45	-0.06	-4.63e-04	0.0	2.47e-04
427	120	0.03	0.22	-0.10	-2.08e-04	0.0	1.79e-04
427	133	0.14	0.39	-0.07	-3.28e-04	0.0	2.12e-04
427	151	-0.04	0.48	-0.06	-4.91e-04	0.0	2.52e-04
427	152	0.03	0.20	-0.11	-1.84e-04	0.0	1.70e-04
428	2	-0.02	0.03	-0.09	9.23e-05	-4.68e-05	-3.03e-06
428	67	-8.46e-03	0.08	-0.14	6.26e-05	-4.44e-05	3.86e-05
428	76	-9.10e-03	0.05	-0.14	1.01e-04	-4.28e-05	2.24e-05
428	107	-0.10	0.09	-0.11	5.89e-05	-7.34e-05	4.45e-05
428	115	-0.02	0.16	-0.10	0.0	-5.31e-05	1.02e-04
428	116	-0.05	-0.06	-0.11	1.39e-04	-3.28e-05	-3.50e-05
428	139	-0.12	0.10	-0.11	5.76e-05	-8.16e-05	4.89e-05
428	147	-0.02	0.19	-0.10	-1.38e-05	-5.71e-05	1.18e-04
428	148	-0.06	-0.08	-0.12	1.54e-04	-3.31e-05	-4.68e-05
429	2	-0.01	8.77e-03	-0.06	-4.41e-04	0.0	-7.81e-06
429	66	0.01	0.06	-0.11	-4.62e-04	-6.10e-06	3.18e-05
429	88	4.14e-04	0.04	-0.13	-4.16e-04	0.0	1.55e-05
429	101	0.10	0.05	-0.09	-3.54e-04	5.97e-06	5.80e-06
429	110	-0.01	-0.05	-0.12	-2.57e-04	1.49e-05	-4.20e-05
429	115	0.02	0.14	-0.06	-4.30e-04	-1.98e-05	1.01e-04
429	133	0.12	0.05	-0.09	-3.56e-04	7.73e-06	3.15e-06
429	142	-0.02	-0.07	-0.12	-2.40e-04	1.84e-05	-5.44e-05
429	147	0.03	0.16	-0.05	-4.47e-04	-2.30e-05	1.18e-04
430	2	-0.02	0.09	-0.07	1.95e-04	0.0	-4.52e-04
430	65	-3.15e-04	0.16	-0.11	1.73e-04	0.0	-4.09e-04
430	88	-7.23e-03	0.12	-0.13	2.13e-04	0.0	-4.22e-04
430	104	-0.10	0.10	-0.09	1.58e-04	0.0	-3.04e-04
430	110	-0.02	-0.02	-0.13	2.13e-04	0.0	-3.75e-04
430	115	0.01	0.25	-0.06	8.33e-05	0.0	-2.41e-04
430	136	-0.12	0.10	-0.09	1.60e-04	0.0	-3.01e-04
430	142	-0.02	-0.04	-0.13	2.25e-04	0.0	-3.86e-04
430	147	0.01	0.28	-0.05	7.02e-05	0.0	-2.25e-04
431	2	-0.02	0.07	-0.07	-3.89e-04	0.0	-3.94e-04
431	65	2.42e-03	0.15	-0.11	-4.10e-04	0.0	-3.54e-04
431	88	-6.02e-03	0.11	-0.13	-3.72e-04	0.0	-3.67e-04
431	104	-0.10	0.09	-0.09	-2.91e-04	0.0	-2.62e-04
431	110	-0.02	-0.02	-0.13	-2.31e-04	0.0	-3.35e-04
431	115	0.01	0.23	-0.06	-3.73e-04	0.0	-1.97e-04
431	136	-0.12	0.09	-0.09	-2.89e-04	0.0	-2.58e-04
431	142	-0.02	-0.04	-0.13	-2.17e-04	0.0	-3.46e-04
431	147	0.02	0.26	-0.05	-3.87e-04	0.0	-1.81e-04
432	2	-0.02	3.59e-03	-0.07	-2.78e-04	1.73e-06	-6.96e-05
432	68	5.15e-03	0.07	-0.11	-2.94e-04	-5.66e-06	-2.88e-05
432	88	-5.08e-03	0.04	-0.13	-2.54e-04	5.90e-06	-4.57e-05
432	101	0.10	0.05	-0.09	-2.28e-04	7.74e-06	-4.18e-05
432	110	-0.02	-0.06	-0.12	-1.34e-04	2.62e-05	-9.21e-05
432	115	0.02	0.17	-0.06	-3.00e-04	-2.80e-05	5.76e-05
432	133	0.11	0.05	-0.09	-2.30e-04	9.56e-06	-4.46e-05
432	142	-0.02	-0.08	-0.13	-1.18e-04	3.17e-05	-1.05e-04
432	147	0.02	0.19	-0.05	-3.16e-04	-3.32e-05	7.51e-05
433	2	-0.01	0.13	-0.07	-7.23e-04	0.0	-3.25e-05
433	65	8.57e-03	0.19	-0.11	-7.39e-04	0.0	7.80e-06
433	88	9.86e-05	0.15	-0.13	-6.99e-04	0.0	-8.00e-06
433	101	0.10	0.14	-0.09	-5.69e-04	0.0	-1.27e-05
433	110	-0.01	0.03	-0.12	-4.74e-04	0.0	-6.17e-05
433	115	0.02	0.24	-0.06	-6.36e-04	0.0	8.51e-05
433	133	0.12	0.14	-0.09	-5.71e-04	0.0	-1.54e-05
433	142	-0.02	0.01	-0.12	-4.57e-04	0.0	-7.44e-05
433	147	0.02	0.26	-0.06	-6.52e-04	0.0	1.02e-04
434	2	-0.02	0.13	-0.07	3.09e-04	0.0	-2.02e-04
434	65	2.42e-03	0.20	-0.11	2.90e-04	0.0	-1.58e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
434	88	-4.56e-03	0.16	-0.13	3.31e-04	0.0	-1.72e-04
434	104	-0.10	0.13	-0.09	2.68e-04	0.0	-1.12e-04
434	110	-0.02	0.02	-0.12	3.04e-04	0.0	-1.86e-04
434	115	0.01	0.27	-0.06	1.78e-04	0.0	-4.50e-05
434	136	-0.12	0.13	-0.09	2.74e-04	0.0	-1.09e-04
434	142	-0.02	-4.24e-03	-0.13	3.17e-04	0.0	-1.98e-04
434	147	0.02	0.30	-0.05	1.66e-04	0.0	-2.83e-05
435	2	-0.02	0.11	-0.07	-6.05e-04	0.0	-1.39e-04
435	65	4.97e-03	0.18	-0.11	-6.24e-04	0.0	-9.84e-05
435	88	-3.51e-03	0.14	-0.13	-5.86e-04	0.0	-1.14e-04
435	101	0.10	0.13	-0.09	-4.78e-04	0.0	-9.54e-05
435	110	-0.02	0.01	-0.12	-3.92e-04	0.0	-1.42e-04
435	115	0.02	0.25	-0.06	-5.41e-04	0.0	2.03e-06
435	133	0.12	0.13	-0.09	-4.81e-04	0.0	-9.82e-05
435	142	-0.02	-8.32e-03	-0.13	-3.77e-04	0.0	-1.55e-04
435	147	0.02	0.27	-0.05	-5.56e-04	0.0	1.90e-05
436	2	-0.02	0.05	-0.07	4.12e-04	1.62e-05	-1.06e-04
436	65	-4.69e-04	0.12	-0.11	3.81e-04	6.90e-06	-6.12e-05
436	88	-5.94e-03	0.08	-0.13	4.45e-04	1.92e-05	-7.02e-05
436	104	-0.10	0.07	-0.09	3.29e-04	0.0	-3.48e-05
436	110	-0.02	-0.05	-0.12	3.96e-04	2.83e-05	-1.05e-04
436	115	9.36e-03	0.22	-0.06	2.39e-04	-7.18e-06	2.81e-05
436	136	-0.12	0.07	-0.09	3.31e-04	-1.05e-06	-3.18e-05
436	142	-0.02	-0.07	-0.13	4.12e-04	3.18e-05	-1.17e-04
436	147	0.01	0.25	-0.05	2.24e-04	-1.05e-05	4.40e-05
437	2	-0.01	0.02	-0.08	-3.48e-05	3.99e-06	9.50e-06
437	67	-1.33e-03	0.07	-0.12	-5.97e-05	4.79e-06	-1.38e-04
437	76	-4.07e-03	0.04	-0.13	-2.20e-05	6.76e-06	-1.47e-04
437	104	-0.09	0.03	-0.10	1.17e-05	-1.86e-05	-9.70e-05
437	115	-8.41e-03	0.13	-0.09	-1.16e-04	-1.63e-05	-3.11e-05
437	116	-0.04	-0.04	-0.10	6.57e-05	1.13e-05	-1.68e-04
437	136	-0.11	0.02	-0.10	2.00e-05	-2.37e-05	-9.45e-05
437	147	-9.68e-03	0.15	-0.09	-1.33e-04	-2.06e-05	-1.52e-05
437	148	-0.05	-0.06	-0.11	8.49e-05	1.21e-05	-1.80e-04
438	45	-0.02	0.05	-0.14	-9.18e-05	-2.55e-05	1.90e-04
438	56	-6.85e-03	0.06	-0.15	-9.79e-05	-2.21e-05	1.95e-04
438	67	-6.98e-03	0.07	-0.14	-1.08e-04	-2.44e-05	1.98e-04
438	107	-0.09	0.08	-0.11	-1.10e-04	-4.78e-05	1.71e-04
438	115	-0.02	0.13	-0.11	-1.69e-04	-3.71e-05	2.31e-04
438	119	-0.04	0.12	-0.11	-1.72e-04	-3.49e-05	9.65e-05
438	139	-0.11	0.09	-0.11	-1.19e-04	-5.43e-05	1.76e-04
438	147	-0.03	0.15	-0.12	-1.89e-04	-4.13e-05	2.48e-04
438	151	-0.04	0.14	-0.12	-1.93e-04	-3.87e-05	8.64e-05
439	24	0.02	0.17	-0.12	-7.51e-04	0.0	5.69e-05
439	65	0.02	0.18	-0.11	-7.76e-04	0.0	6.27e-05
439	76	9.37e-03	0.16	-0.13	-7.39e-04	0.0	4.97e-05
439	101	0.11	0.14	-0.09	-5.96e-04	0.0	3.02e-05
439	115	0.02	0.22	-0.07	-6.64e-04	0.0	1.24e-04
439	118	0.06	0.05	-0.11	-5.01e-04	0.0	9.32e-05
439	133	0.13	0.14	-0.08	-5.99e-04	0.0	2.75e-05
439	147	0.03	0.23	-0.06	-6.80e-04	0.0	1.41e-04
439	150	0.07	0.04	-0.12	-4.85e-04	0.0	1.03e-04
440	24	0.02	0.17	-0.12	-7.62e-04	0.0	-3.02e-05
440	65	0.01	0.18	-0.11	-7.87e-04	0.0	-2.57e-05
440	88	4.41e-03	0.15	-0.13	-7.43e-04	0.0	-4.00e-05
440	101	0.10	0.14	-0.09	-6.05e-04	0.0	-3.78e-05
440	110	-9.86e-03	0.04	-0.11	-5.07e-04	0.0	-8.40e-05
440	115	0.02	0.23	-0.06	-6.73e-04	0.0	5.71e-05
440	133	0.12	0.15	-0.09	-6.08e-04	0.0	-4.05e-05
440	142	-0.01	0.02	-0.12	-4.91e-04	0.0	-9.61e-05
440	147	0.03	0.25	-0.06	-6.90e-04	0.0	7.37e-05
441	45	-0.02	0.07	-0.14	-6.55e-05	-6.49e-06	2.65e-06
441	56	-6.87e-03	0.08	-0.15	-6.92e-05	-7.56e-06	1.86e-05
441	65	-9.05e-03	0.09	-0.14	-7.57e-05	-1.26e-05	1.72e-05
441	107	-0.10	0.10	-0.11	-7.21e-05	-2.02e-05	4.00e-05
441	119	-0.05	0.19	-0.12	-1.08e-04	-2.07e-05	-4.08e-05
441	123	-0.05	0.19	-0.12	-1.06e-04	-1.91e-05	-1.69e-05
441	139	-0.12	0.11	-0.11	-7.75e-05	-2.35e-05	4.55e-05
441	151	-0.05	0.21	-0.12	-1.20e-04	-2.40e-05	-5.17e-05
441	155	-0.05	0.21	-0.12	-1.18e-04	-2.22e-05	-2.30e-05
442	24	0.02	0.19	-0.12	3.66e-04	0.0	1.04e-04
442	65	0.02	0.21	-0.11	3.42e-04	0.0	1.10e-04
442	76	0.01	0.18	-0.13	3.78e-04	0.0	9.74e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
442	101	0.11	0.16	-0.09	2.67e-04	0.0	6.55e-05
442	115	0.02	0.25	-0.07	2.00e-04	0.0	1.62e-04
442	118	0.06	0.06	-0.11	3.60e-04	0.0	1.33e-04
442	133	0.13	0.17	-0.08	2.64e-04	0.0	6.27e-05
442	147	0.03	0.27	-0.06	1.84e-04	0.0	1.79e-04
442	150	0.07	0.04	-0.12	3.76e-04	0.0	1.44e-04
443	2	-0.02	0.05	-0.08	4.65e-06	-3.39e-05	1.28e-05
443	67	-6.68e-03	0.10	-0.13	-3.42e-05	-3.71e-05	3.24e-05
443	76	-7.62e-03	0.06	-0.14	1.66e-05	-4.03e-05	2.17e-05
443	107	-0.10	0.10	-0.10	-3.31e-05	-3.66e-05	3.97e-05
443	115	-0.01	0.17	-0.10	-7.36e-05	-3.65e-05	9.41e-05
443	116	-0.05	-0.04	-0.11	5.89e-05	-2.24e-05	-3.37e-05
443	139	-0.11	0.11	-0.10	-3.88e-05	-3.84e-05	4.37e-05
443	147	-0.02	0.19	-0.10	-8.74e-05	-3.83e-05	1.09e-04
443	148	-0.06	-0.06	-0.11	7.15e-05	-2.15e-05	-4.47e-05
444	45	-0.01	0.10	-0.13	-2.80e-04	0.0	2.03e-04
444	56	-5.78e-03	0.11	-0.14	-2.85e-04	0.0	2.08e-04
444	67	-5.93e-03	0.12	-0.14	-2.97e-04	0.0	2.11e-04
444	107	-0.09	0.12	-0.10	-2.62e-04	0.0	2.11e-04
444	115	-0.02	0.18	-0.11	-3.38e-04	0.0	2.56e-04
444	121	0.01	0.15	-0.11	-3.24e-04	0.0	1.86e-04
444	139	-0.10	0.13	-0.10	-2.73e-04	0.0	2.22e-04
444	147	-0.03	0.20	-0.11	-3.64e-04	0.0	2.76e-04
444	153	0.01	0.17	-0.11	-3.47e-04	0.0	1.91e-04
445	45	-0.02	0.08	-0.13	-5.66e-05	9.65e-06	3.17e-05
445	65	-5.24e-03	0.10	-0.13	-7.17e-05	-2.78e-06	3.39e-05
445	76	-1.96e-03	0.05	-0.14	-3.76e-05	1.33e-05	2.42e-05
445	107	-0.10	0.11	-0.10	-6.45e-05	-5.88e-06	4.29e-05
445	123	-0.05	0.19	-0.10	-1.01e-04	-9.46e-06	-4.99e-06
445	124	-0.01	-0.07	-0.11	1.63e-05	1.53e-05	6.70e-05
445	139	-0.12	0.12	-0.10	-6.93e-05	-7.86e-06	4.73e-05
445	155	-0.06	0.22	-0.10	-1.13e-04	-1.22e-05	-1.03e-05
445	156	-0.01	-0.10	-0.11	2.75e-05	1.73e-05	7.62e-05
446	2	-0.02	6.58e-03	-0.07	-3.85e-04	0.0	-2.23e-05
446	68	7.13e-03	0.07	-0.11	-4.00e-04	-5.65e-06	1.78e-05
446	88	-2.99e-03	0.04	-0.13	-3.58e-04	2.79e-06	1.02e-06
446	101	0.10	0.05	-0.09	-3.10e-04	7.15e-06	-5.55e-06
446	110	-0.02	-0.06	-0.12	-2.06e-04	2.00e-05	-5.43e-05
446	115	0.02	0.16	-0.06	-3.93e-04	-2.28e-05	9.16e-05
446	133	0.12	0.05	-0.09	-3.11e-04	8.95e-06	-8.23e-06
446	142	-0.02	-0.08	-0.13	-1.87e-04	2.43e-05	-6.69e-05
446	147	0.02	0.18	-0.05	-4.11e-04	-2.69e-05	1.09e-04
447	2	-0.02	0.04	-0.07	2.47e-04	1.32e-05	-1.59e-04
447	65	-2.72e-03	0.11	-0.11	2.19e-04	4.96e-06	-1.16e-04
447	88	-8.13e-03	0.06	-0.13	2.72e-04	1.63e-05	-1.24e-04
447	104	-0.10	0.06	-0.09	1.99e-04	0.0	-7.65e-05
447	110	-0.02	-0.06	-0.13	2.58e-04	3.61e-05	-1.45e-04
447	115	7.57e-03	0.22	-0.06	1.20e-04	-1.87e-05	-1.66e-05
447	136	-0.12	0.06	-0.09	2.01e-04	-1.55e-06	-7.34e-05
447	142	-0.02	-0.09	-0.13	2.72e-04	4.17e-05	-1.55e-04
447	147	9.86e-03	0.25	-0.05	1.06e-04	-2.39e-05	-1.33e-06
448	2	-0.02	0.02	-0.07	7.04e-05	0.0	-5.72e-05
448	65	-2.45e-04	0.10	-0.11	2.87e-05	0.0	-2.25e-05
448	88	-4.52e-03	0.05	-0.13	9.95e-05	0.0	-1.31e-05
448	104	-0.10	0.05	-0.09	6.07e-05	0.0	3.84e-05
448	110	-0.01	-0.08	-0.13	1.29e-04	0.0	5.78e-05
448	115	8.48e-03	0.22	-0.06	-2.84e-05	0.0	-6.01e-05
448	136	-0.12	0.05	-0.09	6.26e-05	0.0	4.85e-05
448	142	-0.02	-0.11	-0.13	1.45e-04	0.0	7.19e-05
448	147	0.01	0.25	-0.05	-4.41e-05	0.0	-7.00e-05
449	2	-0.02	0.03	-0.07	1.30e-04	0.0	-3.86e-05
449	65	8.30e-04	0.10	-0.11	7.72e-05	0.0	1.64e-06
449	88	-3.50e-03	0.05	-0.13	1.69e-04	0.0	3.67e-06
449	104	-0.10	0.05	-0.09	1.09e-04	0.0	1.88e-05
449	110	-0.01	-0.07	-0.12	1.91e-04	0.0	-4.80e-05
449	115	9.36e-03	0.21	-0.06	1.76e-06	0.0	7.63e-05
449	136	-0.12	0.05	-0.09	1.11e-04	0.0	2.19e-05
449	142	-0.01	-0.10	-0.13	2.10e-04	0.0	-5.83e-05
449	147	0.01	0.24	-0.05	-1.72e-05	0.0	9.12e-05
450	2	-0.02	0.15	-0.07	3.24e-04	0.0	-6.38e-05
450	65	6.48e-03	0.21	-0.11	3.09e-04	0.0	-2.20e-05
450	88	-5.69e-04	0.18	-0.13	3.53e-04	0.0	-3.59e-05
450	101	0.10	0.16	-0.09	2.23e-04	0.0	-3.59e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
450	110	-0.01	0.04	-0.12	3.25e-04	0.0	-8.19e-05
450	115	0.02	0.27	-0.06	1.89e-04	0.0	6.12e-05
450	133	0.12	0.17	-0.09	2.17e-04	0.0	-3.88e-05
450	142	-0.02	0.02	-0.12	3.39e-04	0.0	-9.41e-05
450	147	0.02	0.30	-0.06	1.76e-04	0.0	7.80e-05
451	45	-0.02	0.09	-0.13	2.05e-04	0.0	1.30e-04
451	56	-8.91e-03	0.10	-0.14	2.01e-04	0.0	1.34e-04
451	65	-9.77e-03	0.11	-0.13	1.86e-04	0.0	1.39e-04
451	107	-0.09	0.12	-0.10	1.37e-04	0.0	1.63e-04
451	115	-0.04	0.19	-0.11	9.51e-05	0.0	2.31e-04
451	121	7.99e-03	0.16	-0.11	1.03e-04	0.0	1.32e-04
451	139	-0.11	0.13	-0.10	1.32e-04	0.0	1.75e-04
451	147	-0.04	0.22	-0.11	8.24e-05	0.0	2.58e-04
451	153	0.01	0.18	-0.11	9.17e-05	0.0	1.39e-04
452	45	-0.01	0.11	-0.13	-2.94e-04	0.0	-1.25e-04
452	56	-4.71e-03	0.12	-0.14	-2.99e-04	0.0	-1.18e-04
452	67	-4.88e-03	0.13	-0.13	-3.11e-04	0.0	-1.16e-04
452	105	0.07	0.09	-0.11	-2.35e-04	0.0	-1.40e-04
452	107	-0.09	0.13	-0.10	-2.75e-04	0.0	-7.62e-05
452	115	-0.02	0.20	-0.10	-3.52e-04	0.0	-2.24e-05
452	137	0.09	0.09	-0.11	-2.38e-04	0.0	-1.50e-04
452	139	-0.10	0.14	-0.10	-2.85e-04	0.0	-7.27e-05
452	147	-0.03	0.23	-0.10	-3.78e-04	0.0	-7.98e-06
453	16	1.45e-04	0.07	-0.14	-7.58e-05	3.50e-06	-1.14e-04
453	45	-0.01	0.06	-0.13	-8.20e-05	-6.79e-06	-1.18e-04
453	67	-3.74e-03	0.08	-0.13	-9.65e-05	-4.47e-06	-1.09e-04
453	93	0.08	0.11	-0.11	-7.43e-05	2.88e-05	-3.17e-05
453	107	-0.09	0.10	-0.10	-9.61e-05	-3.17e-05	-6.74e-05
453	115	-0.02	0.17	-0.10	-1.57e-04	-1.48e-05	-1.25e-05
453	129	0.09	0.10	-0.11	-7.20e-05	3.51e-05	-5.81e-05
453	139	-0.10	0.11	-0.09	-1.04e-04	-3.79e-05	-6.32e-05
453	147	-0.02	0.20	-0.10	-1.76e-04	-1.73e-05	2.93e-06
454	21	0.02	0.04	-0.11	-4.81e-04	3.73e-06	3.29e-05
454	65	0.02	0.05	-0.11	-5.00e-04	0.0	3.74e-05
454	76	9.02e-03	0.04	-0.13	-4.52e-04	5.81e-06	2.55e-05
454	101	0.10	0.04	-0.08	-3.80e-04	1.03e-05	1.03e-05
454	115	0.03	0.11	-0.06	-4.45e-04	-8.94e-06	1.03e-04
454	118	0.06	-0.03	-0.11	-2.90e-04	1.06e-05	7.36e-05
454	133	0.12	0.05	-0.08	-3.82e-04	1.18e-05	7.54e-06
454	147	0.03	0.13	-0.06	-4.60e-04	-1.10e-05	1.19e-04
454	150	0.07	-0.05	-0.12	-2.75e-04	1.19e-05	8.38e-05
455	45	-0.02	0.10	-0.13	2.48e-04	0.0	-8.46e-05
455	56	-7.26e-03	0.11	-0.14	2.46e-04	0.0	-8.01e-05
455	65	-8.12e-03	0.12	-0.13	2.31e-04	0.0	-7.92e-05
455	105	0.08	0.08	-0.11	1.86e-04	0.0	-1.20e-04
455	107	-0.09	0.13	-0.10	1.70e-04	0.0	-5.62e-05
455	115	-0.04	0.21	-0.10	1.33e-04	0.0	-1.10e-04
455	137	0.09	0.08	-0.11	1.85e-04	0.0	-1.31e-04
455	139	-0.11	0.14	-0.10	1.66e-04	0.0	-5.47e-05
455	147	-0.04	0.24	-0.10	1.21e-04	0.0	-1.19e-04
456	24	0.02	0.20	-0.12	3.33e-04	0.0	-2.69e-05
456	65	0.01	0.22	-0.11	3.09e-04	0.0	-2.40e-05
456	88	4.52e-03	0.18	-0.13	3.56e-04	0.0	-3.51e-05
456	101	0.10	0.17	-0.09	2.44e-04	0.0	-3.59e-05
456	110	-8.50e-03	0.05	-0.12	3.33e-04	0.0	-8.18e-05
456	115	0.02	0.26	-0.06	1.77e-04	0.0	6.07e-05
456	133	0.12	0.17	-0.09	2.41e-04	0.0	-3.87e-05
456	142	-0.01	0.03	-0.12	3.49e-04	0.0	-9.40e-05
456	147	0.02	0.28	-0.06	1.61e-04	0.0	7.75e-05
457	23	0.02	0.05	-0.12	-4.69e-04	4.46e-06	1.55e-05
457	65	0.01	0.06	-0.11	-4.95e-04	-1.02e-06	2.02e-05
457	88	4.09e-03	0.03	-0.13	-4.43e-04	7.76e-06	4.76e-06
457	101	0.10	0.05	-0.09	-3.74e-04	1.10e-05	-2.88e-06
457	110	-0.01	-0.04	-0.11	-2.82e-04	1.81e-05	-4.83e-05
457	115	0.02	0.12	-0.06	-4.44e-04	-1.20e-05	9.05e-05
457	133	0.12	0.05	-0.08	-3.76e-04	1.26e-05	-5.57e-06
457	142	-0.02	-0.06	-0.12	-2.66e-04	2.11e-05	-6.03e-05
457	147	0.03	0.14	-0.06	-4.60e-04	-1.48e-05	1.07e-04
458	45	-0.02	0.07	-0.13	0.0	1.30e-06	3.51e-05
458	65	-6.08e-03	0.09	-0.13	0.0	9.12e-06	3.59e-05
458	76	-4.87e-03	0.05	-0.14	0.0	1.83e-05	3.29e-05
458	107	-0.10	0.10	-0.10	0.0	-1.09e-05	4.61e-05
458	123	-0.05	0.18	-0.10	0.0	-4.93e-06	-5.01e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
458	124	-0.01	-0.07	-0.11	0.0	1.68e-05	7.65e-05
458	139	-0.12	0.11	-0.10	0.0	-1.52e-05	5.02e-05
458	155	-0.06	0.20	-0.10	0.0	-7.86e-06	-1.12e-05
458	156	-0.01	-0.09	-0.11	0.0	1.75e-05	8.67e-05
459	45	-0.02	0.07	-0.13	0.0	8.95e-06	3.28e-05
459	65	-5.43e-03	0.09	-0.13	0.0	4.71e-06	3.55e-05
459	76	-3.46e-03	0.05	-0.14	0.0	1.69e-05	2.95e-05
459	107	-0.10	0.10	-0.10	0.0	-6.62e-06	4.43e-05
459	123	-0.05	0.18	-0.10	0.0	-5.30e-06	-7.00e-06
459	124	-0.01	-0.07	-0.11	0.0	1.63e-05	7.51e-05
459	139	-0.12	0.11	-0.10	0.0	-9.61e-06	4.83e-05
459	155	-0.06	0.21	-0.10	0.0	-8.02e-06	-1.33e-05
459	156	-0.01	-0.10	-0.11	0.0	1.76e-05	8.53e-05
460	21	0.02	0.04	-0.11	-4.88e-04	5.73e-06	2.49e-05
460	65	0.02	0.05	-0.11	-5.04e-04	2.06e-06	2.96e-05
460	76	0.01	0.03	-0.12	-4.64e-04	7.36e-06	1.72e-05
460	101	0.11	0.04	-0.08	-3.85e-04	1.16e-05	3.97e-06
460	118	0.06	-0.04	-0.11	-3.12e-04	1.15e-05	6.76e-05
460	123	-0.04	0.10	-0.06	-4.35e-04	-1.94e-06	-1.12e-05
460	133	0.13	0.04	-0.08	-3.87e-04	1.31e-05	1.21e-06
460	150	0.07	-0.05	-0.11	-3.00e-04	1.25e-05	7.78e-05
460	155	-0.05	0.12	-0.06	-4.47e-04	-2.75e-06	-1.70e-05
461	2	-0.02	0.07	-0.07	5.04e-04	1.66e-05	-5.75e-05
461	65	3.54e-03	0.13	-0.11	4.73e-04	7.66e-06	-1.34e-05
461	88	-2.06e-03	0.09	-0.13	5.45e-04	1.83e-05	-2.54e-05
461	101	0.10	0.10	-0.09	3.81e-04	1.90e-05	-2.95e-05
461	110	-0.01	-0.03	-0.12	4.79e-04	3.50e-05	-7.33e-05
461	115	0.01	0.22	-0.06	3.06e-04	-1.37e-05	6.76e-05
461	133	0.12	0.10	-0.09	3.79e-04	2.08e-05	-3.26e-05
461	142	-0.01	-0.06	-0.12	4.96e-04	3.99e-05	-8.53e-05
461	147	0.01	0.24	-0.06	2.88e-04	-1.83e-05	8.43e-05
462	2	-0.02	0.04	-0.07	1.97e-04	0.0	-2.85e-05
462	65	2.86e-03	0.10	-0.11	1.36e-04	0.0	1.48e-05
462	88	-1.58e-03	0.05	-0.13	2.43e-04	0.0	6.25e-06
462	101	0.10	0.07	-0.09	1.34e-04	0.0	-7.17e-06
462	110	-0.01	-0.07	-0.12	2.53e-04	0.0	-5.02e-05
462	115	0.01	0.20	-0.06	4.28e-05	0.0	9.10e-05
462	133	0.12	0.08	-0.09	1.31e-04	0.0	-1.04e-05
462	142	-0.01	-0.10	-0.12	2.73e-04	0.0	-6.21e-05
462	147	0.01	0.23	-0.05	2.19e-05	0.0	1.08e-04
463	24	0.03	0.08	-0.12	4.93e-04	-1.21e-05	8.22e-05
463	65	0.02	0.10	-0.11	4.67e-04	-2.07e-05	8.82e-05
463	76	0.02	0.07	-0.13	5.06e-04	-1.37e-05	7.45e-05
463	101	0.11	0.08	-0.09	3.65e-04	1.53e-06	4.65e-05
463	118	0.07	-0.04	-0.11	4.52e-04	-3.14e-06	1.18e-04
463	123	-0.04	0.17	-0.07	3.04e-04	-2.16e-05	2.86e-05
463	133	0.13	0.09	-0.08	3.63e-04	4.43e-06	4.35e-05
463	150	0.08	-0.06	-0.12	4.66e-04	-1.66e-06	1.30e-04
463	155	-0.05	0.19	-0.06	2.90e-04	-2.29e-05	2.19e-05
464	24	0.02	0.06	-0.12	8.79e-05	0.0	2.65e-05
464	65	0.02	0.08	-0.11	5.03e-05	0.0	4.20e-05
464	76	0.01	0.04	-0.13	1.03e-04	0.0	1.53e-05
464	101	0.11	0.06	-0.09	5.15e-05	0.0	5.07e-06
464	118	0.07	-0.07	-0.11	1.38e-04	0.0	-7.38e-06
464	123	-0.04	0.16	-0.07	-9.91e-06	0.0	6.89e-05
464	133	0.13	0.07	-0.08	4.91e-05	0.0	2.33e-06
464	150	0.08	-0.09	-0.12	1.53e-04	0.0	-1.27e-05
464	155	-0.06	0.18	-0.06	-2.45e-05	0.0	7.91e-05
465	16	-2.09e-03	0.07	-0.13	4.03e-05	-1.58e-05	-1.64e-05
465	45	-0.02	0.07	-0.12	3.06e-05	-2.83e-05	-1.99e-05
465	65	-7.53e-03	0.10	-0.13	1.72e-05	-2.65e-05	-1.34e-05
465	93	0.08	0.12	-0.11	2.10e-05	-7.03e-06	3.89e-05
465	107	-0.09	0.11	-0.09	8.40e-06	-3.07e-05	4.15e-06
465	115	-0.04	0.20	-0.10	-2.48e-05	-3.31e-05	5.41e-05
465	125	0.09	0.13	-0.11	1.92e-05	-5.25e-06	4.97e-05
465	139	-0.11	0.12	-0.09	4.29e-06	-3.35e-05	7.89e-06
465	147	-0.04	0.23	-0.10	-3.54e-05	-3.64e-05	6.79e-05
466	24	0.02	0.18	-0.12	4.41e-04	0.0	3.19e-05
466	65	0.02	0.19	-0.11	4.16e-04	0.0	3.75e-05
466	76	0.01	0.17	-0.13	4.53e-04	0.0	2.49e-05
466	101	0.11	0.15	-0.08	3.22e-04	0.0	9.46e-06
466	118	0.07	0.04	-0.11	4.27e-04	0.0	7.96e-05
466	123	-0.04	0.23	-0.07	2.50e-04	0.0	-9.14e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
466	133	0.13	0.16	-0.08	3.19e-04	0.0	6.52e-06
466	150	0.08	0.03	-0.12	4.44e-04	0.0	9.09e-05
466	155	-0.05	0.25	-0.06	2.32e-04	0.0	-1.58e-05
467	24	0.02	0.16	-0.12	-7.28e-04	0.0	-6.04e-06
467	65	0.02	0.17	-0.11	-7.53e-04	0.0	0.0
467	76	0.01	0.15	-0.13	-7.15e-04	0.0	-1.40e-05
467	101	0.11	0.14	-0.08	-5.78e-04	0.0	-1.77e-05
467	118	0.06	0.04	-0.11	-4.75e-04	0.0	4.39e-05
467	123	-0.04	0.20	-0.07	-6.50e-04	0.0	-3.20e-05
467	133	0.13	0.14	-0.08	-5.82e-04	0.0	-2.03e-05
467	150	0.07	0.03	-0.12	-4.58e-04	0.0	5.39e-05
467	155	-0.05	0.22	-0.06	-6.67e-04	0.0	-3.75e-05
468	24	0.02	0.10	-0.12	6.15e-04	5.80e-06	7.82e-05
468	65	0.02	0.12	-0.11	5.87e-04	0.0	8.24e-05
468	76	0.01	0.08	-0.13	6.31e-04	4.56e-06	7.14e-05
468	101	0.11	0.09	-0.09	4.59e-04	6.49e-06	4.39e-05
468	115	0.02	0.18	-0.07	3.94e-04	-7.93e-06	1.45e-04
468	118	0.07	-0.02	-0.11	5.55e-04	9.41e-06	1.15e-04
468	133	0.13	0.10	-0.08	4.57e-04	7.19e-06	4.09e-05
468	147	0.03	0.21	-0.06	3.78e-04	-9.86e-06	1.62e-04
468	150	0.08	-0.04	-0.12	5.71e-04	1.04e-05	1.26e-04
469	24	0.02	0.06	-0.12	1.71e-04	0.0	2.81e-05
469	67	0.02	0.08	-0.11	1.19e-04	0.0	4.39e-05
469	76	0.01	0.04	-0.13	1.92e-04	0.0	1.61e-05
469	101	0.11	0.07	-0.08	1.13e-04	0.0	5.01e-06
469	115	0.02	0.17	-0.06	3.93e-05	0.0	1.15e-04
469	118	0.07	-0.06	-0.11	2.23e-04	0.0	7.26e-05
469	133	0.13	0.07	-0.08	1.10e-04	0.0	2.11e-06
469	147	0.02	0.19	-0.06	2.17e-05	0.0	1.34e-04
469	150	0.08	-0.08	-0.12	2.41e-04	0.0	8.34e-05
470	45	-0.01	0.08	-0.12	4.95e-06	-5.74e-05	-1.54e-05
470	65	-4.16e-03	0.10	-0.12	-7.16e-06	-5.78e-05	-8.68e-06
470	76	-5.27e-03	0.07	-0.14	4.39e-05	-3.41e-05	-1.78e-05
470	107	-0.09	0.12	-0.09	-7.74e-06	-5.68e-05	1.46e-05
470	110	4.46e-03	-0.06	-0.11	8.16e-05	-1.65e-05	-7.62e-05
470	115	-0.01	0.20	-0.09	-4.75e-05	-5.46e-05	7.83e-05
470	139	-0.11	0.13	-0.09	-1.26e-05	-6.09e-05	1.97e-05
470	142	6.14e-03	-0.09	-0.12	9.43e-05	-1.28e-05	-8.95e-05
470	147	-0.01	0.23	-0.08	-6.03e-05	-5.81e-05	9.63e-05
471	2	-0.01	0.03	-0.08	-2.30e-04	0.0	6.30e-05
471	67	-1.53e-04	0.04	-0.12	-1.68e-04	0.0	-4.43e-05
471	76	-2.81e-03	0.01	-0.13	-1.30e-04	0.0	-5.22e-05
471	104	-0.09	3.96e-03	-0.10	-9.42e-05	0.0	-2.29e-05
471	110	3.95e-03	-0.08	-0.10	-9.29e-06	0.0	-1.06e-04
471	115	-7.53e-03	0.12	-0.09	-2.15e-04	0.0	5.51e-05
471	136	-0.11	1.35e-03	-0.10	-9.07e-05	0.0	-2.00e-05
471	142	5.01e-03	-0.10	-0.11	1.14e-05	0.0	-1.20e-04
471	147	-8.80e-03	0.14	-0.09	-2.36e-04	0.0	7.38e-05
472	24	0.05	-0.02	-0.24	5.69e-05	2.52e-04	-2.89e-05
472	35	0.03	-0.02	-0.25	5.59e-05	2.74e-04	-2.86e-05
472	88	0.04	-0.03	-0.24	6.51e-05	2.48e-04	-5.02e-05
472	95	-0.06	0.06	-0.19	-7.18e-06	1.99e-04	2.32e-06
472	101	0.12	0.05	-0.17	4.09e-05	1.88e-04	-6.08e-06
472	118	0.05	-0.17	-0.17	1.64e-04	1.59e-04	-1.20e-04
472	127	-0.08	0.07	-0.19	-1.70e-05	2.01e-04	7.38e-06
472	133	0.14	0.06	-0.17	4.06e-05	1.88e-04	-2.94e-06
472	150	0.06	-0.20	-0.17	1.88e-04	1.54e-04	-1.39e-04
473	2	7.03e-03	-0.03	-0.17	9.27e-05	-3.17e-04	-3.29e-05
473	22	0.01	-0.03	-0.22	8.90e-05	-3.21e-04	6.48e-06
473	55	1.99e-03	-0.02	-0.24	8.32e-05	-3.48e-04	1.68e-05
473	95	-0.08	0.05	-0.18	1.55e-05	-2.32e-04	4.02e-06
473	101	0.09	0.04	-0.16	6.17e-05	-2.43e-04	2.30e-06
473	118	0.03	-0.18	-0.16	1.97e-04	-2.65e-04	-3.64e-05
473	127	-0.10	0.07	-0.19	5.35e-06	-2.31e-04	3.88e-06
473	133	0.11	0.05	-0.16	6.07e-05	-2.41e-04	1.76e-06
473	150	0.03	-0.21	-0.16	2.22e-04	-2.69e-04	-4.43e-05
474	24	0.02	0.11	-0.12	5.97e-04	3.69e-06	3.53e-05
474	65	9.55e-03	0.13	-0.11	5.66e-04	-5.09e-06	4.13e-05
474	76	5.35e-03	0.09	-0.13	6.16e-04	3.85e-06	2.81e-05
474	101	0.11	0.10	-0.09	4.47e-04	8.81e-06	1.08e-05
474	110	-7.87e-03	-0.03	-0.12	5.43e-04	1.13e-05	-3.57e-05
474	115	0.02	0.20	-0.07	3.77e-04	-1.24e-05	1.11e-04
474	133	0.13	0.10	-0.09	4.45e-04	1.07e-05	7.72e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
474	142	-0.01	-0.05	-0.12	5.60e-04	1.36e-05	-4.82e-05
474	147	0.02	0.23	-0.06	3.61e-04	-1.45e-05	1.28e-04
475	2	-0.02	0.04	-0.07	2.06e-04	0.0	-1.62e-05
475	67	4.08e-03	0.10	-0.11	1.43e-04	0.0	2.43e-05
475	76	8.60e-04	0.05	-0.13	2.35e-04	0.0	1.56e-05
475	101	0.10	0.07	-0.09	1.42e-04	0.0	0.0
475	110	-9.90e-03	-0.06	-0.12	2.62e-04	0.0	-4.88e-05
475	115	0.01	0.18	-0.07	5.19e-05	0.0	1.05e-04
475	133	0.12	0.08	-0.09	1.39e-04	0.0	-3.06e-06
475	142	-0.01	-0.09	-0.12	2.83e-04	0.0	-6.19e-05
475	147	0.01	0.21	-0.06	3.10e-05	0.0	1.23e-04
476	2	-0.02	0.06	-0.08	9.71e-05	-3.18e-05	1.53e-06
476	65	-5.04e-03	0.12	-0.13	-3.33e-05	-3.43e-05	3.36e-05
476	76	-6.04e-03	0.08	-0.14	1.97e-05	-3.14e-05	2.25e-05
476	107	-0.09	0.12	-0.10	-2.40e-05	-4.64e-05	7.30e-05
476	110	3.92e-03	-0.04	-0.11	5.78e-05	-2.01e-05	-5.25e-05
476	115	-0.01	0.19	-0.09	-6.19e-05	-2.88e-05	1.19e-04
476	139	-0.11	0.13	-0.10	-2.82e-05	-5.09e-05	8.36e-05
476	142	5.60e-03	-0.06	-0.11	6.93e-05	-1.87e-05	-6.75e-05
476	147	-0.02	0.22	-0.09	-7.34e-05	-3.01e-05	1.39e-04
477	16	-2.15e-04	0.08	-0.17	-1.21e-03	-1.24e-05	-3.06e-05
477	45	-0.04	0.08	-0.16	-1.12e-03	-1.31e-05	-1.69e-06
477	65	-0.01	0.12	-0.16	-1.11e-03	-1.10e-05	-4.07e-05
477	95	-0.11	0.08	-0.12	-9.11e-04	-1.89e-05	1.30e-05
477	101	0.08	0.07	-0.14	-8.21e-04	0.0	-7.13e-05
477	115	-0.05	0.25	-0.13	-9.00e-04	-1.51e-05	-6.20e-05
477	127	-0.13	0.09	-0.11	-9.22e-04	-2.08e-05	1.88e-05
477	133	0.10	0.08	-0.14	-8.14e-04	1.18e-06	-8.19e-05
477	147	-0.06	0.29	-0.13	-9.10e-04	-1.64e-05	-7.08e-05
478	24	0.02	0.06	-0.12	-1.88e-05	-4.20e-05	-3.44e-05
478	65	0.02	0.08	-0.11	-4.37e-05	-5.29e-05	-1.38e-05
478	76	0.01	0.05	-0.13	-6.69e-06	-4.69e-05	-4.43e-05
478	101	0.11	0.07	-0.08	-2.76e-05	-2.19e-05	-4.32e-05
478	123	-0.05	0.16	-0.07	-7.69e-05	-5.08e-05	-5.74e-05
478	124	0.01	-0.07	-0.12	3.85e-05	-3.66e-05	2.98e-05
478	133	0.13	0.07	-0.08	-2.97e-05	-1.87e-05	-4.66e-05
478	155	-0.06	0.19	-0.07	-8.87e-05	-5.32e-05	-6.37e-05
478	156	0.01	-0.09	-0.12	4.96e-05	-3.65e-05	4.11e-05
479	45	-0.01	-0.01	-0.14	3.60e-04	0.0	8.18e-05
479	56	-5.59e-03	-4.82e-03	-0.15	3.62e-04	0.0	8.66e-05
479	88	-5.40e-03	-0.03	-0.14	3.77e-04	0.0	7.59e-05
479	103	-0.08	0.03	-0.11	2.24e-04	0.0	1.20e-04
479	114	0.02	-0.11	-0.10	4.18e-04	0.0	-1.81e-05
479	121	0.02	0.06	-0.12	1.74e-04	0.0	1.25e-05
479	135	-0.10	0.04	-0.11	2.12e-04	0.0	1.31e-04
479	146	0.03	-0.12	-0.10	4.45e-04	0.0	-3.47e-05
479	153	0.03	0.07	-0.12	1.52e-04	0.0	2.08e-06
480	46	-7.24e-03	0.03	-0.14	-5.76e-05	-1.08e-05	3.14e-05
480	56	1.63e-05	0.04	-0.14	-7.19e-05	-1.20e-05	3.77e-05
480	65	3.64e-04	0.04	-0.14	-7.66e-05	-1.41e-05	4.04e-05
480	107	-0.08	0.05	-0.11	-4.69e-05	-1.94e-05	4.87e-05
480	115	-0.02	0.10	-0.11	-9.01e-05	-1.60e-05	1.06e-04
480	119	-0.03	0.09	-0.11	-9.28e-05	-1.56e-05	-2.50e-05
480	139	-0.10	0.06	-0.11	-4.71e-05	-2.16e-05	5.33e-05
480	147	-0.02	0.12	-0.11	-9.89e-05	-1.76e-05	1.23e-04
480	151	-0.04	0.10	-0.11	-1.02e-04	-1.71e-05	-3.53e-05
481	24	0.02	0.05	-0.12	1.25e-05	0.0	-1.64e-05
481	65	0.02	0.08	-0.11	-2.47e-05	0.0	5.54e-06
481	76	0.01	0.04	-0.13	2.73e-05	0.0	-3.01e-05
481	101	0.11	0.06	-0.09	-7.26e-06	0.0	-2.82e-05
481	118	0.07	-0.07	-0.11	8.31e-05	0.0	-4.07e-05
481	123	-0.05	0.16	-0.07	-7.15e-05	0.0	3.70e-05
481	133	0.13	0.07	-0.08	-9.80e-06	0.0	-3.10e-05
481	150	0.08	-0.10	-0.12	9.84e-05	0.0	-4.60e-05
481	155	-0.06	0.18	-0.06	-8.67e-05	0.0	4.75e-05
482	2	-0.01	-0.08	-1.03	-3.02e-04	1.22e-04	2.11e-04
482	45	-0.03	-0.02	-1.08	-2.60e-04	1.61e-04	2.23e-04
482	76	-0.02	-0.03	-1.21	-2.01e-04	1.19e-04	2.25e-04
482	95	-0.11	6.93e-03	-0.80	-2.10e-04	5.79e-05	1.24e-04
482	101	0.07	-1.13e-03	-0.87	-2.40e-04	9.70e-05	1.31e-04
482	114	0.03	-0.16	-0.82	-1.35e-04	1.51e-04	2.20e-04
482	127	-0.12	0.01	-0.80	-2.13e-04	5.11e-05	1.13e-04
482	133	0.08	1.19e-03	-0.88	-2.48e-04	9.80e-05	1.21e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
482	146	0.04	-0.20	-0.81	-1.23e-04	1.63e-04	2.29e-04
483	2	-0.01	0.03	-0.08	-2.46e-04	0.0	-7.53e-05
483	68	3.95e-04	0.04	-0.13	-1.70e-04	0.0	6.82e-05
483	76	-2.71e-03	0.01	-0.13	-1.34e-04	0.0	5.76e-05
483	104	-0.09	7.04e-03	-0.10	-9.77e-05	0.0	6.37e-05
483	110	3.96e-03	-0.09	-0.11	-1.01e-05	0.0	-5.04e-06
483	115	-7.39e-03	0.13	-0.09	-2.18e-04	0.0	1.24e-04
483	136	-0.11	5.08e-03	-0.09	-9.43e-05	0.0	6.67e-05
483	142	5.02e-03	-0.11	-0.11	1.09e-05	0.0	-1.59e-05
483	147	-8.65e-03	0.15	-0.09	-2.39e-04	0.0	1.39e-04
484	24	0.02	0.05	-0.12	6.91e-05	0.0	-2.20e-06
484	65	0.01	0.08	-0.11	1.86e-05	0.0	2.06e-05
484	76	0.01	0.04	-0.13	8.95e-05	0.0	-1.72e-05
484	101	0.11	0.06	-0.08	3.43e-05	0.0	-1.75e-05
484	115	0.02	0.17	-0.06	-3.92e-05	0.0	9.96e-05
484	118	0.07	-0.07	-0.11	1.42e-04	0.0	-2.97e-05
484	133	0.13	0.07	-0.08	3.13e-05	0.0	-2.02e-05
484	147	0.02	0.19	-0.06	-5.66e-05	0.0	1.21e-04
484	150	0.08	-0.09	-0.12	1.60e-04	0.0	-3.49e-05
485	16	-4.09e-03	0.05	-0.14	-6.82e-05	4.34e-05	2.09e-05
485	45	-0.01	0.04	-0.13	-6.92e-05	3.73e-05	1.76e-05
485	66	-6.70e-03	0.06	-0.14	-7.05e-05	3.50e-05	2.67e-05
485	94	0.07	0.03	-0.11	-3.51e-05	5.26e-05	3.15e-05
485	107	-0.08	0.08	-0.10	-5.37e-05	1.18e-05	3.83e-05
485	115	-0.02	0.15	-0.10	-8.29e-05	8.98e-06	9.69e-05
485	126	0.08	0.02	-0.11	-3.26e-05	5.70e-05	3.48e-05
485	139	-0.10	0.09	-0.09	-5.48e-05	7.99e-06	4.30e-05
485	147	-0.03	0.17	-0.10	-8.98e-05	4.65e-06	1.14e-04
486	2	-0.01	-1.01e-03	-0.07	-9.45e-06	3.69e-05	-1.73e-06
486	68	-5.27e-04	0.06	-0.12	-1.84e-05	3.50e-05	3.93e-05
486	76	-4.47e-03	0.04	-0.13	1.56e-06	3.90e-05	2.72e-05
486	104	-0.09	0.03	-0.09	1.98e-05	1.76e-05	3.82e-05
486	110	4.65e-04	-0.06	-0.11	4.54e-05	4.06e-05	-3.48e-05
486	115	-6.02e-03	0.15	-0.08	-5.38e-05	1.61e-05	1.06e-04
486	136	-0.10	0.03	-0.09	2.48e-05	1.55e-05	4.09e-05
486	142	1.00e-03	-0.08	-0.11	5.57e-05	4.30e-05	-4.70e-05
486	147	-6.79e-03	0.17	-0.08	-6.35e-05	1.38e-05	1.23e-04
487	2	-0.02	0.03	-0.07	1.28e-04	0.0	-4.03e-06
487	67	3.21e-03	0.09	-0.11	6.36e-05	0.0	3.46e-05
487	76	4.87e-04	0.04	-0.13	1.53e-04	0.0	2.92e-05
487	101	0.10	0.07	-0.09	7.74e-05	0.0	9.63e-06
487	110	-9.51e-03	-0.08	-0.12	1.99e-04	0.0	-3.90e-05
487	115	0.01	0.18	-0.06	-1.28e-05	0.0	1.15e-04
487	133	0.12	0.07	-0.09	7.42e-05	0.0	6.36e-06
487	142	-0.01	-0.10	-0.12	2.20e-04	0.0	-5.22e-05
487	147	0.01	0.21	-0.06	-3.37e-05	0.0	1.33e-04
488	36	-0.02	0.08	-0.24	5.26e-04	-4.32e-04	-8.17e-05
488	45	-0.02	0.09	-0.22	4.83e-04	-4.03e-04	-7.55e-05
488	67	-0.01	0.12	-0.23	4.82e-04	-4.21e-04	-9.61e-05
488	95	-0.10	0.12	-0.18	3.40e-04	-3.17e-04	-7.22e-05
488	107	-0.11	0.12	-0.18	3.38e-04	-3.15e-04	-2.59e-05
488	119	-0.05	0.21	-0.17	2.83e-04	-2.91e-04	-1.12e-04
488	127	-0.12	0.13	-0.18	3.35e-04	-3.19e-04	-7.60e-05
488	139	-0.13	0.13	-0.18	3.32e-04	-3.16e-04	-2.03e-05
488	151	-0.06	0.24	-0.17	2.66e-04	-2.88e-04	-1.24e-04
489	45	-0.03	0.07	-0.15	5.09e-04	-6.48e-05	5.66e-05
489	56	-0.01	0.08	-0.16	5.40e-04	-7.65e-05	5.63e-05
489	65	-0.02	0.10	-0.16	4.89e-04	-7.52e-05	4.02e-05
489	95	-0.11	0.10	-0.13	3.59e-04	-5.92e-05	3.61e-05
489	119	-0.05	0.20	-0.13	3.02e-04	-5.00e-05	-9.72e-06
489	127	-0.13	0.11	-0.13	3.54e-04	-6.11e-05	3.19e-05
489	151	-0.06	0.23	-0.13	2.84e-04	-5.04e-05	-2.31e-05
490	2	-0.02	0.03	-0.07	1.23e-04	0.0	-1.66e-05
490	65	2.61e-03	0.10	-0.11	5.94e-05	0.0	2.53e-05
490	88	-1.24e-03	0.04	-0.13	1.67e-04	0.0	1.92e-05
490	101	0.10	0.07	-0.09	7.41e-05	0.0	1.61e-06
490	110	-9.83e-03	-0.08	-0.12	1.96e-04	0.0	-4.17e-05
490	115	0.01	0.20	-0.06	-1.88e-05	0.0	1.01e-04
490	133	0.12	0.07	-0.09	7.12e-05	0.0	-1.67e-06
490	142	-0.01	-0.11	-0.13	2.17e-04	0.0	-5.38e-05
490	147	0.01	0.23	-0.06	-4.00e-05	0.0	1.18e-04
491	36	-0.02	5.67e-03	-0.24	5.14e-04	-2.19e-04	-2.54e-06
491	47	-0.02	8.18e-03	-0.23	4.85e-04	-2.16e-04	-5.87e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
491	65	-0.01	0.02	-0.22	4.31e-04	-2.38e-04	1.34e-05
491	95	-0.10	0.06	-0.18	3.27e-04	-2.00e-04	-6.90e-05
491	107	-0.10	0.06	-0.18	3.29e-04	-1.74e-04	1.56e-05
491	119	-0.04	0.14	-0.17	2.95e-04	-1.10e-04	-8.44e-05
491	127	-0.11	0.07	-0.18	3.23e-04	-2.06e-04	-8.22e-05
491	139	-0.12	0.07	-0.18	3.24e-04	-1.75e-04	1.96e-05
491	151	-0.05	0.17	-0.17	2.84e-04	-9.81e-05	-1.01e-04
492	23	0.01	0.04	-0.12	-8.38e-06	-1.63e-05	1.76e-05
492	65	5.92e-03	0.04	-0.12	-2.40e-05	-1.80e-05	2.23e-05
492	76	2.10e-03	0.03	-0.13	-1.74e-06	-1.23e-05	1.03e-05
492	101	0.09	0.04	-0.09	-1.58e-05	-4.15e-06	-1.79e-06
492	115	-1.34e-03	0.10	-0.09	-6.84e-05	-1.74e-05	9.24e-05
492	116	-0.04	-0.05	-0.10	4.54e-05	-6.04e-06	-4.79e-05
492	133	0.10	0.04	-0.09	-1.72e-05	-3.10e-06	-4.57e-06
492	147	-2.19e-03	0.12	-0.09	-8.04e-05	-1.88e-05	1.09e-04
492	148	-0.05	-0.06	-0.10	5.62e-05	-5.44e-06	-6.00e-05
493	2	-0.02	0.02	-0.07	8.14e-05	0.0	-2.19e-05
493	65	1.33e-03	0.10	-0.11	2.77e-05	0.0	1.42e-05
493	88	-2.39e-03	0.04	-0.13	1.19e-04	0.0	2.36e-05
493	104	-0.10	0.04	-0.09	7.03e-05	0.0	6.78e-05
493	110	-0.01	-0.08	-0.12	1.54e-04	0.0	8.76e-05
493	115	9.23e-03	0.21	-0.06	-3.87e-05	0.0	-3.41e-05
493	136	-0.12	0.04	-0.09	7.27e-05	0.0	7.83e-05
493	142	-0.01	-0.11	-0.13	1.73e-04	0.0	1.02e-04
493	147	0.01	0.24	-0.05	-5.78e-05	0.0	-4.42e-05
494	2	-0.01	0.01	-0.07	-8.92e-06	-2.15e-05	-3.55e-05
494	67	9.84e-04	0.08	-0.12	-3.59e-05	-3.25e-05	1.52e-04
494	76	-1.62e-03	0.05	-0.13	0.0	-2.07e-05	1.39e-04
494	104	-0.09	0.04	-0.09	1.22e-06	-4.23e-05	1.24e-04
494	110	4.80e-03	-0.06	-0.11	7.44e-05	-1.87e-06	4.93e-05
494	115	-6.64e-03	0.17	-0.08	-9.84e-05	-3.91e-05	1.94e-04
494	136	-0.10	0.04	-0.09	3.95e-06	-4.66e-05	1.27e-04
494	142	5.87e-03	-0.09	-0.11	9.19e-05	1.86e-06	3.69e-05
494	147	-7.91e-03	0.20	-0.08	-1.16e-04	-4.26e-05	2.11e-04
495	45	-0.01	0.10	-0.12	-1.02e-05	-3.18e-05	2.05e-05
495	65	-3.15e-03	0.12	-0.12	-2.22e-05	-3.10e-05	2.82e-05
495	76	-4.20e-03	0.09	-0.13	2.98e-05	-1.96e-05	1.76e-05
495	107	-0.09	0.13	-0.09	-1.34e-05	-4.11e-05	3.46e-05
495	110	5.31e-03	-0.04	-0.11	5.90e-05	5.22e-06	8.97e-05
495	115	-0.01	0.21	-0.09	-4.69e-05	-4.29e-05	-3.35e-05
495	139	-0.11	0.14	-0.09	-1.71e-05	-4.55e-05	3.82e-05
495	142	6.99e-03	-0.06	-0.11	6.90e-05	1.01e-05	1.04e-04
495	147	-0.01	0.24	-0.09	-5.68e-05	-4.77e-05	-4.38e-05
496	2	-0.02	0.02	-0.07	4.63e-05	0.0	-3.45e-05
496	65	6.94e-04	0.10	-0.11	4.98e-06	0.0	-5.80e-06
496	88	-2.95e-03	0.04	-0.13	7.46e-05	0.0	1.43e-05
496	104	-0.10	0.05	-0.09	4.18e-05	0.0	5.38e-05
496	110	-0.01	-0.09	-0.13	1.10e-04	0.0	7.18e-05
496	115	8.69e-03	0.22	-0.06	-4.80e-05	0.0	-3.97e-05
496	136	-0.12	0.05	-0.09	4.38e-05	0.0	6.35e-05
496	142	-0.01	-0.11	-0.13	1.26e-04	0.0	8.52e-05
496	147	0.01	0.25	-0.05	-6.37e-05	0.0	-4.89e-05
497	2	-0.02	0.01	-0.07	-1.24e-06	2.59e-05	-5.27e-05
497	65	6.18e-04	0.10	-0.11	-2.61e-05	1.70e-05	-2.14e-05
497	88	-2.95e-03	0.04	-0.14	1.60e-05	2.80e-05	-1.45e-05
497	104	-0.10	0.05	-0.09	4.89e-06	6.34e-06	2.09e-06
497	110	-0.01	-0.09	-0.13	5.67e-05	3.84e-05	-5.83e-05
497	115	8.60e-03	0.23	-0.05	-6.56e-05	-2.85e-06	5.54e-05
497	136	-0.12	0.05	-0.09	6.79e-06	4.17e-06	4.88e-06
497	142	-0.01	-0.12	-0.14	6.89e-05	4.25e-05	-6.78e-05
497	147	0.01	0.26	-0.05	-7.77e-05	-6.72e-06	6.90e-05
498	24	0.01	0.07	-0.13	0.0	2.82e-05	-1.20e-05
498	65	3.93e-03	0.10	-0.11	0.0	1.61e-05	-5.87e-06
498	88	1.34e-03	0.04	-0.14	0.0	2.41e-05	-2.03e-05
498	101	0.10	0.06	-0.10	0.0	3.21e-05	-2.08e-05
498	110	2.26e-03	-0.09	-0.13	0.0	3.45e-05	-7.08e-05
498	115	9.84e-04	0.22	-0.07	0.0	-4.83e-06	7.35e-05
498	133	0.12	0.06	-0.10	0.0	3.56e-05	-2.32e-05
498	142	2.30e-03	-0.12	-0.13	0.0	3.84e-05	-8.32e-05
498	147	7.10e-04	0.26	-0.06	0.0	-8.67e-06	9.02e-05
499	47	-0.01	0.07	-0.12	-2.36e-05	2.86e-05	6.48e-05
499	65	-1.61e-03	0.10	-0.12	-3.74e-05	4.16e-05	7.93e-05
499	76	-1.34e-03	0.05	-0.14	-7.04e-06	4.96e-05	6.60e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
499	107	-0.10	0.12	-0.08	-3.95e-05	5.54e-06	7.76e-05
499	110	0.04	-0.09	-0.12	4.74e-05	6.10e-05	-4.80e-06
499	115	-0.04	0.22	-0.08	-7.82e-05	8.89e-06	1.36e-04
499	139	-0.12	0.14	-0.08	-4.42e-05	0.0	8.22e-05
499	142	0.05	-0.12	-0.12	6.00e-05	6.61e-05	-1.69e-05
499	147	-0.05	0.26	-0.07	-9.06e-05	3.66e-06	1.53e-04
500	16	-7.39e-03	0.07	-0.14	-3.68e-05	1.21e-04	4.16e-05
500	45	-0.02	0.07	-0.13	-4.43e-05	1.04e-04	3.79e-05
500	65	-0.01	0.09	-0.13	-5.76e-05	1.11e-04	4.56e-05
500	94	0.08	0.04	-0.12	-8.23e-06	1.13e-04	5.18e-05
500	107	-0.10	0.12	-0.09	-4.97e-05	6.45e-05	5.19e-05
500	115	-0.04	0.22	-0.09	-8.06e-05	6.90e-05	1.07e-04
500	126	0.10	0.04	-0.12	-3.88e-06	1.17e-04	5.58e-05
500	139	-0.12	0.13	-0.08	-5.35e-05	5.96e-05	5.60e-05
500	147	-0.05	0.26	-0.09	-9.05e-05	6.51e-05	1.22e-04
501	47	-0.02	0.05	-0.14	5.32e-06	-7.19e-05	0.0
501	56	-8.81e-03	0.06	-0.15	1.36e-05	-6.88e-05	0.0
501	67	-0.01	0.07	-0.14	-1.86e-06	-7.52e-05	0.0
501	107	-0.10	0.09	-0.11	1.40e-05	-3.35e-05	0.0
501	119	-0.04	0.15	-0.11	-2.02e-05	-3.32e-05	0.0
501	123	-0.04	0.16	-0.11	-1.88e-05	-3.35e-05	0.0
501	139	-0.12	0.10	-0.11	1.35e-05	-3.05e-05	0.0
501	151	-0.05	0.18	-0.11	-2.76e-05	-3.02e-05	0.0
501	155	-0.05	0.18	-0.11	-2.58e-05	-3.06e-05	0.0
502	2	-0.02	0.03	-0.10	1.46e-04	4.72e-05	0.0
502	67	-9.97e-03	0.07	-0.14	6.78e-05	2.00e-05	0.0
502	76	-0.01	0.04	-0.15	1.57e-04	3.11e-05	0.0
502	107	-0.10	0.09	-0.11	6.02e-05	6.53e-05	0.0
502	123	-0.05	0.16	-0.11	1.07e-05	5.55e-05	0.0
502	124	-0.02	-0.07	-0.12	1.75e-04	2.08e-05	0.0
502	139	-0.12	0.10	-0.11	5.30e-05	7.26e-05	0.0
502	155	-0.06	0.18	-0.11	-6.35e-06	6.04e-05	0.0
502	156	-0.02	-0.09	-0.12	1.91e-04	1.97e-05	0.0
503	16	-6.28e-03	0.06	-0.14	2.45e-05	4.88e-05	0.0
503	45	-0.02	0.06	-0.12	1.14e-05	3.34e-05	0.0
503	65	-0.01	0.09	-0.12	5.38e-06	2.95e-05	0.0
503	94	0.08	0.03	-0.11	1.12e-05	5.67e-05	0.0
503	107	-0.10	0.11	-0.09	3.26e-05	6.54e-06	0.0
503	115	-0.04	0.21	-0.09	4.22e-05	-7.41e-06	0.0
503	126	0.10	0.03	-0.11	9.65e-06	6.22e-05	0.0
503	139	-0.12	0.12	-0.09	3.53e-05	2.46e-06	0.0
503	147	-0.05	0.24	-0.09	4.67e-05	-1.43e-05	0.0
504	47	-0.02	0.06	-0.13	1.19e-04	-2.50e-05	0.0
504	65	-4.58e-03	0.09	-0.13	1.05e-04	-3.72e-05	0.0
504	76	-3.94e-03	0.04	-0.15	2.01e-04	-3.94e-06	0.0
504	107	-0.10	0.11	-0.09	7.83e-05	-3.67e-05	0.0
504	110	0.04	-0.09	-0.13	2.58e-04	1.18e-05	0.0
504	115	-0.05	0.21	-0.09	0.0	-4.65e-05	0.0
504	139	-0.12	0.12	-0.09	6.82e-05	-4.00e-05	0.0
504	142	0.05	-0.12	-0.13	2.83e-04	1.73e-05	0.0
504	147	-0.05	0.24	-0.09	-2.60e-05	-5.16e-05	0.0
505	2	-0.01	0.02	-0.06	-3.52e-05	1.72e-05	-2.41e-05
505	67	4.54e-03	0.10	-0.11	-8.11e-05	6.95e-06	2.66e-05
505	76	2.88e-03	0.04	-0.13	-2.15e-05	1.18e-05	1.98e-06
505	101	0.11	0.07	-0.09	-5.25e-05	1.31e-05	-7.29e-06
505	110	-6.08e-03	-0.10	-0.12	5.93e-05	1.92e-05	-6.71e-05
505	115	0.01	0.20	-0.06	-1.33e-04	-1.42e-06	1.12e-04
505	133	0.13	0.07	-0.09	-5.55e-05	1.40e-05	-1.06e-05
505	142	-7.83e-03	-0.13	-0.12	7.79e-05	2.12e-05	-8.25e-05
505	147	0.01	0.23	-0.06	-1.52e-04	-3.15e-06	1.33e-04
506	24	0.02	0.06	-0.12	-6.53e-05	1.91e-05	-1.52e-06
506	65	6.52e-03	0.09	-0.11	-9.90e-05	1.33e-05	2.63e-05
506	76	4.71e-03	0.04	-0.13	-4.63e-05	2.08e-05	-2.30e-05
506	101	0.11	0.07	-0.08	-6.81e-05	1.65e-05	-1.82e-05
506	115	0.01	0.18	-0.06	-1.39e-04	1.97e-06	1.14e-04
506	118	0.06	-0.08	-0.11	3.48e-05	1.17e-05	-3.19e-05
506	133	0.13	0.07	-0.08	-7.10e-05	1.74e-05	-2.10e-05
506	147	0.01	0.21	-0.06	-1.56e-04	0.0	1.38e-04
506	150	0.07	-0.11	-0.12	5.20e-05	1.20e-05	-3.74e-05
507	24	0.02	0.06	-0.12	-5.35e-05	0.0	-3.25e-05
507	65	8.41e-03	0.09	-0.11	-8.43e-05	0.0	2.87e-06
507	76	6.39e-03	0.04	-0.13	-3.81e-05	0.0	-5.18e-05
507	101	0.11	0.07	-0.09	-5.74e-05	0.0	-3.88e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
507	118	0.06	-0.08	-0.11	3.37e-05	0.0	-5.41e-05
507	123	-0.05	0.18	-0.07	-1.22e-04	0.0	2.89e-05
507	133	0.13	0.07	-0.09	-6.00e-05	0.0	-4.14e-05
507	150	0.07	-0.11	-0.12	4.90e-05	0.0	-5.97e-05
507	155	-0.06	0.20	-0.06	-1.37e-04	0.0	3.99e-05
508	24	0.02	0.06	-0.12	-3.65e-05	-2.60e-05	-2.84e-05
508	65	8.62e-03	0.09	-0.11	-6.07e-05	-3.48e-05	7.69e-06
508	88	5.16e-03	0.04	-0.13	-1.58e-05	-3.09e-05	-4.70e-05
508	101	0.11	0.07	-0.08	-4.17e-05	-1.17e-05	-2.85e-05
508	123	-0.05	0.18	-0.07	-9.35e-05	-3.59e-05	3.15e-05
508	124	8.70e-03	-0.07	-0.12	2.80e-05	-2.49e-05	-4.23e-05
508	133	0.13	0.08	-0.08	-4.39e-05	-8.98e-06	-3.08e-05
508	155	-0.06	0.20	-0.07	-1.06e-04	-3.78e-05	4.13e-05
508	156	9.25e-03	-0.09	-0.12	3.96e-05	-2.50e-05	-4.74e-05
509	2	-0.02	0.02	-0.07	-4.32e-06	0.0	-1.35e-05
509	65	2.85e-03	0.10	-0.11	-5.88e-05	0.0	2.45e-05
509	88	6.51e-04	0.02	-0.13	3.20e-05	0.0	2.38e-05
509	101	0.11	0.07	-0.09	-2.81e-05	0.0	1.74e-06
509	110	-6.77e-03	-0.10	-0.12	9.20e-05	0.0	-3.86e-05
509	115	9.07e-03	0.21	-0.06	-1.18e-04	0.0	1.01e-04
509	133	0.13	0.07	-0.09	-3.11e-05	0.0	-1.77e-06
509	142	-8.45e-03	-0.13	-0.13	1.12e-04	0.0	-5.03e-05
509	147	0.01	0.24	-0.06	-1.39e-04	0.0	1.18e-04
510	2	-0.02	0.02	-0.07	0.0	0.0	-6.70e-06
510	65	2.23e-03	0.10	-0.11	-4.61e-05	0.0	1.65e-05
510	88	4.06e-04	0.03	-0.13	3.15e-05	0.0	4.65e-05
510	101	0.11	0.07	-0.09	-2.10e-05	0.0	-2.39e-05
510	110	-6.82e-03	-0.10	-0.12	8.70e-05	0.0	9.29e-05
510	115	8.46e-03	0.22	-0.06	-1.02e-04	0.0	-2.07e-05
510	133	0.13	0.07	-0.09	-2.36e-05	0.0	-3.38e-05
510	142	-8.44e-03	-0.13	-0.13	1.05e-04	0.0	1.06e-04
510	147	9.83e-03	0.26	-0.05	-1.21e-04	0.0	-2.99e-05
511	2	-0.02	0.02	-0.07	-3.20e-06	0.0	-8.63e-06
511	65	2.08e-03	0.11	-0.11	-3.90e-05	0.0	3.97e-06
511	88	4.39e-04	0.03	-0.13	2.31e-05	0.0	5.14e-05
511	101	0.11	0.07	-0.09	-1.97e-05	0.0	-1.95e-05
511	110	-6.73e-03	-0.10	-0.13	7.38e-05	0.0	8.55e-05
511	115	8.26e-03	0.23	-0.06	-8.87e-05	0.0	-1.82e-05
511	133	0.13	0.07	-0.09	-2.21e-05	0.0	-2.82e-05
511	142	-8.32e-03	-0.13	-0.14	8.98e-05	0.0	9.75e-05
511	147	9.61e-03	0.26	-0.05	-1.05e-04	0.0	-2.64e-05
512	2	-0.02	0.01	-0.07	-1.65e-05	1.02e-05	-2.57e-05
512	65	2.08e-03	0.11	-0.11	-4.04e-05	0.0	-4.15e-06
512	88	5.96e-04	0.04	-0.14	1.65e-06	1.40e-05	1.65e-05
512	101	0.11	0.07	-0.10	-2.59e-05	1.51e-05	-3.69e-05
512	110	-6.57e-03	-0.10	-0.13	4.56e-05	2.95e-05	6.91e-05
512	115	8.22e-03	0.24	-0.05	-7.69e-05	-1.70e-05	-3.46e-05
512	133	0.13	0.07	-0.10	-2.79e-05	1.70e-05	-4.59e-05
512	142	-8.13e-03	-0.13	-0.14	5.78e-05	3.42e-05	8.15e-05
512	147	9.55e-03	0.27	-0.05	-8.90e-05	-2.14e-05	-4.30e-05
513	24	0.01	0.06	-0.12	-5.45e-05	2.36e-05	3.36e-06
513	65	4.76e-03	0.10	-0.11	-8.95e-05	1.55e-05	1.78e-05
513	76	3.59e-03	0.04	-0.13	-3.15e-05	2.56e-05	-1.47e-05
513	101	0.11	0.07	-0.09	-6.03e-05	2.05e-05	-1.81e-05
513	110	-4.93e-03	-0.11	-0.12	5.21e-05	2.75e-05	-8.24e-05
513	115	0.01	0.20	-0.06	-1.41e-04	2.69e-06	1.06e-04
513	133	0.13	0.07	-0.09	-6.33e-05	2.17e-05	-2.14e-05
513	142	-6.53e-03	-0.14	-0.12	7.08e-05	2.99e-05	-9.87e-05
513	147	0.01	0.24	-0.06	-1.60e-04	0.0	1.28e-04
514	24	0.02	0.06	-0.12	-6.54e-05	5.37e-06	-2.63e-06
514	65	5.80e-03	0.10	-0.11	-9.77e-05	-3.18e-06	2.52e-05
514	76	4.38e-03	0.04	-0.13	-4.75e-05	6.37e-06	-2.55e-05
514	101	0.11	0.07	-0.08	-6.88e-05	7.11e-06	-1.94e-05
514	115	0.01	0.19	-0.06	-1.41e-04	-1.18e-05	1.14e-04
514	118	0.06	-0.09	-0.11	3.52e-05	6.86e-06	-3.31e-05
514	133	0.13	0.08	-0.08	-7.17e-05	8.59e-06	-2.22e-05
514	147	0.01	0.22	-0.06	-1.58e-04	-1.39e-05	1.38e-04
514	150	0.07	-0.11	-0.12	5.25e-05	7.93e-06	-3.86e-05
515	24	0.02	0.06	-0.12	-5.56e-05	-1.76e-05	-2.61e-05
515	65	6.10e-03	0.09	-0.11	-8.44e-05	-2.69e-05	1.28e-05
515	76	4.39e-03	0.04	-0.13	-4.00e-05	-1.97e-05	-4.74e-05
515	101	0.11	0.07	-0.09	-5.87e-05	-6.46e-06	-3.29e-05
515	118	0.06	-0.08	-0.11	3.23e-05	-1.09e-05	-5.25e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
515	123	-0.06	0.18	-0.07	-1.23e-04	-2.68e-05	3.85e-05
515	133	0.13	0.08	-0.09	-6.13e-05	-3.90e-06	-3.54e-05
515	150	0.07	-0.11	-0.12	4.76e-05	-9.68e-06	-5.87e-05
515	155	-0.07	0.21	-0.06	-1.38e-04	-2.79e-05	5.04e-05
516	24	0.02	0.07	-0.12	-3.28e-05	-1.10e-05	-2.17e-05
516	65	6.42e-03	0.09	-0.11	-5.49e-05	-1.95e-05	1.72e-05
516	88	3.10e-03	0.04	-0.13	-1.49e-05	-1.67e-05	-3.81e-05
516	101	0.11	0.07	-0.08	-3.89e-05	-1.32e-06	-2.03e-05
516	123	-0.05	0.18	-0.07	-8.85e-05	-2.33e-05	3.80e-05
516	124	6.87e-03	-0.07	-0.12	2.79e-05	-1.64e-05	-3.51e-05
516	133	0.13	0.08	-0.08	-4.09e-05	1.45e-06	-2.24e-05
516	155	-0.07	0.21	-0.07	-1.00e-04	-2.46e-05	4.77e-05
516	156	7.38e-03	-0.10	-0.12	3.91e-05	-1.71e-05	-4.01e-05
517	2	-0.02	0.02	-0.07	-1.70e-05	0.0	-1.52e-05
517	65	2.89e-03	0.11	-0.11	-6.82e-05	-8.04e-06	2.13e-05
517	76	2.27e-03	0.04	-0.13	0.0	-1.42e-06	2.21e-05
517	101	0.11	0.07	-0.09	-3.83e-05	7.74e-06	0.0
517	110	-5.51e-03	-0.11	-0.12	8.11e-05	1.85e-05	-3.99e-05
517	115	8.52e-03	0.22	-0.06	-1.28e-04	-2.13e-05	9.91e-05
517	133	0.13	0.07	-0.09	-4.12e-05	9.67e-06	-3.99e-06
517	142	-6.99e-03	-0.14	-0.13	1.01e-04	2.24e-05	-5.15e-05
517	147	9.77e-03	0.26	-0.06	-1.48e-04	-2.50e-05	1.16e-04
518	2	-0.02	0.03	-0.07	-7.45e-05	-6.61e-05	0.0
518	65	-5.27e-03	0.11	-0.10	-8.17e-05	-4.68e-05	0.0
518	88	-8.88e-03	0.06	-0.13	-5.52e-05	-5.12e-05	0.0
518	104	-0.10	0.06	-0.09	-4.98e-05	-4.84e-05	0.0
518	110	-7.14e-03	-0.06	-0.12	-5.61e-06	-1.14e-05	0.0
518	115	-4.37e-03	0.21	-0.07	-1.06e-04	-7.13e-05	0.0
518	136	-0.12	0.06	-0.09	-4.84e-05	-4.96e-05	0.0
518	142	-7.52e-03	-0.09	-0.12	4.53e-06	-5.44e-06	0.0
518	147	-4.22e-03	0.24	-0.06	-1.16e-04	-7.69e-05	0.0
519	2	-0.02	0.04	-0.07	-1.52e-04	8.51e-06	0.0
519	65	-3.16e-03	0.12	-0.11	-1.51e-04	1.71e-06	0.0
519	76	-5.64e-03	0.08	-0.13	-1.21e-04	2.85e-05	0.0
519	104	-0.10	0.06	-0.09	-1.07e-04	1.97e-06	0.0
519	110	-5.51e-03	-0.05	-0.11	-6.04e-05	4.07e-05	0.0
519	115	-2.72e-03	0.21	-0.07	-1.58e-04	-1.32e-05	0.0
519	136	-0.12	0.06	-0.09	-1.06e-04	0.0	0.0
519	142	-5.89e-03	-0.08	-0.12	-5.08e-05	4.60e-05	0.0
519	147	-2.58e-03	0.24	-0.07	-1.67e-04	-1.83e-05	0.0
520	2	-0.01	0.06	-0.07	-2.67e-04	-8.88e-06	0.0
520	65	4.00e-03	0.11	-0.10	-2.65e-04	-2.90e-05	0.0
520	76	1.56e-03	0.08	-0.12	-2.35e-04	-2.65e-05	0.0
520	101	0.10	0.09	-0.09	-1.83e-04	-1.41e-05	0.0
520	110	-7.79e-06	-0.04	-0.10	-1.54e-04	-1.01e-05	0.0
520	115	2.96e-03	0.18	-0.07	-2.39e-04	-2.88e-05	0.0
520	133	0.12	0.09	-0.08	-1.80e-04	-1.30e-05	0.0
520	142	-4.06e-04	-0.06	-0.11	-1.46e-04	-8.27e-06	0.0
520	147	3.12e-03	0.20	-0.07	-2.47e-04	-3.05e-05	0.0
521	2	-0.01	0.07	-0.07	-2.65e-04	-4.03e-06	0.0
521	65	2.66e-03	0.12	-0.10	-2.52e-04	-1.51e-05	0.0
521	76	1.92e-04	0.09	-0.12	-2.17e-04	-2.19e-05	0.0
521	101	0.10	0.09	-0.08	-1.76e-04	1.69e-06	0.0
521	110	-1.06e-03	-0.03	-0.10	-1.39e-04	-1.33e-05	0.0
521	115	1.88e-03	0.20	-0.07	-2.31e-04	-1.79e-05	0.0
521	133	0.11	0.10	-0.08	-1.74e-04	4.93e-06	0.0
521	142	-1.47e-03	-0.06	-0.10	-1.30e-04	-1.23e-05	0.0
521	147	2.04e-03	0.22	-0.07	-2.40e-04	-1.89e-05	0.0
522	24	0.01	0.08	-0.13	-2.14e-04	-8.24e-05	0.0
522	65	6.15e-03	0.10	-0.11	-2.27e-04	-1.10e-04	0.0
522	76	3.78e-03	0.06	-0.13	-2.05e-04	-8.68e-05	0.0
522	101	0.10	0.08	-0.09	-1.68e-04	-7.07e-05	0.0
522	118	0.05	-0.04	-0.11	-1.34e-04	-8.55e-05	0.0
522	123	-0.04	0.16	-0.08	-2.04e-04	-5.55e-05	0.0
522	133	0.12	0.08	-0.09	-1.67e-04	-7.05e-05	0.0
522	150	0.06	-0.06	-0.11	-1.27e-04	-8.84e-05	0.0
522	155	-0.05	0.19	-0.08	-2.10e-04	-5.27e-05	0.0
523	2	-0.02	0.05	-0.09	-6.55e-05	1.57e-05	1.20e-04
523	65	-9.54e-03	0.09	-0.13	-9.91e-05	4.50e-06	1.53e-04
523	76	-0.01	0.06	-0.14	-4.73e-05	6.63e-06	1.40e-04
523	107	-0.10	0.10	-0.11	-8.66e-05	2.35e-05	1.39e-04
523	123	-0.05	0.16	-0.10	-1.28e-04	2.11e-05	7.84e-05
523	124	-0.02	-0.04	-0.11	1.34e-05	5.23e-06	1.69e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
523	139	-0.12	0.11	-0.11	-9.31e-05	2.63e-05	1.44e-04
523	155	-0.06	0.18	-0.10	-1.42e-04	2.31e-05	7.17e-05
523	156	-0.02	-0.06	-0.11	2.67e-05	4.63e-06	1.81e-04
524	2	-0.02	0.06	-0.07	-2.08e-04	1.63e-05	0.0
524	65	-9.56e-04	0.13	-0.10	-1.90e-04	1.89e-05	0.0
524	76	-3.42e-03	0.09	-0.13	-1.57e-04	3.09e-05	0.0
524	104	-0.10	0.07	-0.09	-1.41e-04	9.40e-06	0.0
524	110	-3.80e-03	-0.04	-0.11	-8.66e-05	4.51e-05	0.0
524	115	-9.93e-04	0.21	-0.07	-1.90e-04	-3.18e-06	0.0
524	136	-0.12	0.06	-0.09	-1.41e-04	7.20e-06	0.0
524	142	-4.19e-03	-0.06	-0.11	-7.61e-05	5.00e-05	0.0
524	147	-8.48e-04	0.24	-0.07	-2.00e-04	-7.90e-06	0.0
525	45	-0.02	0.09	-0.11	-1.80e-05	-1.02e-04	-1.20e-05
525	65	-7.81e-03	0.11	-0.11	-2.91e-05	-1.04e-04	-6.11e-06
525	76	-8.98e-03	0.07	-0.13	3.03e-05	-8.37e-05	-1.45e-05
525	104	-0.10	0.06	-0.09	1.47e-05	-8.70e-05	6.96e-06
525	110	1.50e-03	-0.06	-0.11	6.92e-05	-4.61e-05	-6.01e-05
525	115	-0.02	0.21	-0.07	-6.06e-05	-1.05e-04	6.59e-05
525	136	-0.12	0.06	-0.08	1.69e-05	-8.90e-05	1.00e-05
525	142	3.15e-03	-0.09	-0.11	8.21e-05	-4.04e-05	-7.07e-05
525	147	-0.02	0.24	-0.07	-7.33e-05	-1.11e-04	8.09e-05
526	16	-0.01	0.06	-0.14	-1.86e-04	1.53e-05	6.17e-05
526	45	-0.03	0.06	-0.13	-1.94e-04	3.67e-06	5.97e-05
526	65	-0.02	0.09	-0.14	-2.35e-04	6.50e-06	6.49e-05
526	93	0.07	0.12	-0.12	-1.61e-04	1.87e-05	6.87e-05
526	95	-0.10	0.06	-0.10	-1.81e-04	-1.05e-05	-9.81e-06
526	115	-0.05	0.21	-0.10	-2.41e-04	-7.13e-06	-3.52e-06
526	127	-0.12	0.07	-0.09	-1.88e-04	-1.39e-05	-2.15e-05
526	129	0.09	0.11	-0.12	-1.68e-04	1.96e-05	7.64e-05
526	147	-0.06	0.24	-0.10	-2.60e-04	-9.76e-06	-1.40e-05
527	16	-0.01	0.05	-0.15	-5.94e-04	-1.73e-05	6.01e-05
527	45	-0.03	0.05	-0.14	-5.96e-04	-2.21e-05	5.98e-05
527	67	-0.02	0.08	-0.15	-6.37e-04	-2.33e-05	6.13e-05
527	95	-0.10	0.06	-0.10	-4.50e-04	-3.28e-05	-1.16e-05
527	105	0.07	0.04	-0.12	-4.67e-04	-1.25e-06	-6.52e-06
527	115	-0.05	0.19	-0.11	-4.63e-04	-2.87e-05	-3.05e-06
527	127	-0.12	0.06	-0.10	-4.50e-04	-3.67e-05	-2.33e-05
527	137	0.09	0.04	-0.12	-4.69e-04	1.07e-06	-1.72e-05
527	147	-0.05	0.22	-0.11	-4.65e-04	-3.18e-05	-1.30e-05
528	16	-0.01	0.07	-0.15	-8.25e-05	6.50e-05	5.30e-05
528	45	-0.03	0.07	-0.14	-8.97e-05	5.28e-05	4.90e-05
528	65	-0.02	0.09	-0.14	-1.07e-04	5.73e-05	5.68e-05
528	94	0.07	0.04	-0.12	-3.55e-05	6.52e-05	5.87e-05
528	95	-0.10	0.06	-0.09	-9.58e-05	2.81e-05	2.29e-05
528	115	-0.05	0.22	-0.10	-1.33e-04	3.65e-05	1.20e-04
528	126	0.09	0.04	-0.12	-2.96e-05	6.88e-05	6.24e-05
528	127	-0.12	0.07	-0.09	-1.02e-04	2.45e-05	1.92e-05
528	147	-0.06	0.25	-0.10	-1.47e-04	3.48e-05	1.36e-04
529	2	0.01	-6.55e-03	-0.08	-1.03e-04	-9.57e-05	0.0
529	35	1.86e-04	-3.53e-03	-0.13	-1.16e-04	-1.17e-04	0.0
529	85	5.84e-03	-7.81e-03	-0.13	-1.11e-04	-1.13e-04	0.0
529	94	0.08	-0.06	-0.10	-7.47e-05	-7.53e-05	0.0
529	118	0.02	-0.11	-0.09	-6.23e-05	-6.83e-05	0.0
529	123	-0.01	0.08	-0.11	-1.08e-04	-1.04e-04	0.0
529	126	0.10	-0.07	-0.10	-7.31e-05	-7.36e-05	0.0
529	150	0.02	-0.13	-0.09	-5.83e-05	-6.51e-05	0.0
529	155	-0.01	0.10	-0.11	-1.12e-04	-1.07e-04	0.0
530	2	0.01	-4.36e-03	-0.07	-4.36e-05	-1.57e-04	0.0
530	35	4.03e-03	-1.71e-03	-0.12	-4.37e-05	-1.72e-04	0.0
530	85	8.80e-03	-6.00e-03	-0.12	-4.37e-05	-1.68e-04	0.0
530	94	0.08	-0.06	-0.09	-3.67e-05	-1.24e-04	0.0
530	107	-0.07	-2.56e-03	-0.10	-4.12e-05	-1.36e-04	0.0
530	118	0.02	-0.11	-0.09	-2.06e-05	-1.21e-04	0.0
530	126	0.10	-0.07	-0.09	-3.75e-05	-1.24e-04	0.0
530	139	-0.08	-2.68e-03	-0.10	-4.27e-05	-1.37e-04	0.0
530	150	0.03	-0.13	-0.09	-1.84e-05	-1.20e-04	0.0
531	21	0.02	-2.75e-03	-0.12	-4.01e-06	-1.84e-04	0.0
531	35	7.60e-03	-6.07e-05	-0.12	-3.28e-06	-1.90e-04	0.0
531	85	0.01	-4.34e-03	-0.12	-3.06e-06	-1.88e-04	0.0
531	95	-0.07	0.05	-0.09	0.0	-1.41e-04	0.0
531	106	0.08	-2.88e-04	-0.09	4.90e-06	-1.37e-04	0.0
531	118	0.04	-0.11	-0.09	1.05e-05	-1.52e-04	0.0
531	127	-0.08	0.06	-0.10	0.0	-1.41e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
531	138	0.10	-1.67e-04	-0.09	6.37e-06	-1.37e-04	0.0
531	150	0.04	-0.13	-0.09	1.30e-05	-1.54e-04	0.0
532	21	0.02	-1.06e-03	-0.12	3.91e-05	-1.87e-04	0.0
532	35	0.01	1.64e-03	-0.12	4.10e-05	-1.93e-04	0.0
532	68	0.02	3.53e-03	-0.12	3.87e-05	-1.87e-04	0.0
532	100	-0.06	8.58e-03	-0.10	4.25e-05	-1.57e-04	0.0
532	106	0.09	1.03e-03	-0.09	4.00e-05	-1.43e-04	0.0
532	119	-0.02	0.11	-0.09	1.13e-05	-1.23e-04	0.0
532	132	-0.07	0.01	-0.10	4.48e-05	-1.60e-04	0.0
532	138	0.11	1.16e-03	-0.09	4.19e-05	-1.43e-04	0.0
532	151	-0.03	0.13	-0.09	7.68e-06	-1.19e-04	0.0
533	21	0.03	1.72e-03	-0.13	1.12e-04	-1.29e-04	0.0
533	36	0.01	4.44e-03	-0.14	1.22e-04	-1.34e-04	0.0
533	68	0.02	6.31e-03	-0.13	1.14e-04	-1.31e-04	0.0
533	101	0.10	0.05	-0.10	7.08e-05	-8.50e-05	0.0
533	119	-0.02	0.11	-0.10	5.44e-05	-8.22e-05	0.0
533	120	8.77e-03	-0.08	-0.11	1.30e-04	-1.26e-04	0.0
533	133	0.12	0.06	-0.10	6.75e-05	-8.23e-05	0.0
533	151	-0.03	0.13	-0.10	4.80e-05	-7.89e-05	0.0
533	152	7.55e-03	-0.10	-0.11	1.38e-04	-1.31e-04	0.0
534	21	0.02	8.00e-03	-0.12	1.67e-04	-5.39e-05	0.0
534	36	0.01	0.01	-0.12	1.78e-04	-5.20e-05	0.0
534	68	0.02	0.01	-0.12	1.67e-04	-5.19e-05	0.0
534	101	0.10	0.05	-0.09	1.13e-04	-3.58e-05	0.0
534	119	-0.03	0.10	-0.09	8.56e-05	-3.24e-05	0.0
534	120	6.84e-03	-0.07	-0.10	1.78e-04	-5.22e-05	0.0
534	133	0.11	0.05	-0.09	1.10e-04	-3.49e-05	0.0
534	151	-0.03	0.12	-0.09	7.69e-05	-3.09e-05	0.0
534	152	5.59e-03	-0.09	-0.10	1.88e-04	-5.45e-05	0.0
535	21	0.02	0.01	-0.11	1.53e-04	-2.67e-06	0.0
535	36	0.01	0.01	-0.12	1.61e-04	2.51e-06	0.0
535	67	0.02	0.02	-0.12	1.46e-04	-1.25e-06	0.0
535	101	0.10	0.05	-0.09	1.11e-04	1.94e-06	0.0
535	119	-0.03	0.10	-0.09	6.70e-05	2.65e-06	0.0
535	120	5.61e-03	-0.07	-0.09	1.67e-04	-6.94e-06	0.0
535	132	-0.07	0.01	-0.09	1.30e-04	-7.67e-06	0.0
535	133	0.11	0.05	-0.08	1.09e-04	2.45e-06	0.0
535	151	-0.03	0.12	-0.09	5.69e-05	3.28e-06	0.0
536	21	0.02	4.32e-03	-0.10	2.98e-06	-5.43e-06	0.0
536	35	7.63e-03	6.37e-03	-0.11	-2.04e-06	4.14e-06	0.0
536	67	0.01	9.60e-03	-0.11	-4.54e-06	4.61e-06	0.0
536	95	-0.06	0.05	-0.09	-1.80e-05	1.87e-05	0.0
536	106	0.09	9.49e-04	-0.08	2.09e-05	-2.12e-05	0.0
536	119	-0.02	0.10	-0.08	-2.71e-05	2.43e-05	0.0
536	127	-0.08	0.06	-0.09	-2.19e-05	2.28e-05	0.0
536	138	0.10	2.80e-04	-0.07	2.48e-05	-2.51e-05	0.0
536	151	-0.03	0.12	-0.08	-3.27e-05	2.95e-05	0.0
537	21	0.01	2.08e-03	-0.11	-1.43e-05	4.28e-05	0.0
537	55	7.67e-03	5.77e-03	-0.11	-1.42e-05	5.97e-05	0.0
537	67	7.66e-03	7.36e-03	-0.11	-1.43e-05	5.85e-05	0.0
537	95	-0.07	0.05	-0.09	-9.85e-06	7.42e-05	0.0
537	106	0.08	-7.77e-04	-0.08	-8.15e-06	3.32e-06	0.0
537	119	-0.02	0.10	-0.09	-1.49e-05	7.35e-05	0.0
537	127	-0.08	0.06	-0.09	-9.64e-06	8.19e-05	0.0
537	138	0.10	-1.45e-03	-0.07	-7.67e-06	-3.27e-06	0.0
537	151	-0.03	0.12	-0.09	-1.56e-05	8.10e-05	0.0
538	2	9.19e-03	-5.77e-03	-0.06	-4.11e-05	4.10e-06	0.0
538	21	9.62e-03	-1.52e-04	-0.11	-3.29e-05	7.86e-06	0.0
538	55	3.70e-03	3.55e-03	-0.11	-2.60e-05	1.84e-05	0.0
538	94	0.08	-0.05	-0.08	-4.40e-05	-1.35e-05	0.0
538	99	-0.07	0.06	-0.09	-3.79e-06	2.92e-05	0.0
538	119	-0.02	0.10	-0.09	-8.82e-06	2.82e-05	0.0
538	126	0.10	-0.05	-0.08	-4.81e-05	-1.79e-05	0.0
538	131	-0.09	0.07	-0.09	0.0	3.34e-05	0.0
538	151	-0.02	0.12	-0.09	-6.17e-06	3.21e-05	0.0
539	2	9.76e-03	-8.87e-03	-0.07	-1.57e-04	-1.96e-05	0.0
539	55	-2.60e-04	1.02e-03	-0.12	-1.58e-04	-1.97e-05	0.0
539	94	0.08	-0.05	-0.09	-1.31e-04	-2.17e-05	0.0
539	118	0.02	-0.10	-0.09	-1.14e-04	-1.38e-05	0.0
539	123	-0.01	0.08	-0.10	-1.24e-04	-2.08e-05	0.0
539	126	0.10	-0.06	-0.09	-1.34e-04	-2.26e-05	0.0
539	150	0.02	-0.12	-0.09	-1.14e-04	-1.35e-05	0.0
539	155	-0.02	0.10	-0.10	-1.24e-04	-2.14e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
540	2	7.82e-03	-0.01	-0.07	-1.46e-04	3.32e-05	0.0
540	55	-1.99e-03	3.90e-03	-0.12	-1.38e-04	3.56e-05	0.0
540	95	-0.08	0.04	-0.10	-8.64e-05	2.79e-05	0.0
540	119	-0.02	0.09	-0.10	-9.19e-05	2.73e-05	0.0
540	123	-0.01	0.08	-0.10	-9.40e-05	2.61e-05	0.0
540	127	-0.10	0.05	-0.10	-8.26e-05	2.85e-05	0.0
540	151	-0.02	0.11	-0.10	-8.96e-05	2.77e-05	0.0
540	155	-0.02	0.09	-0.10	-9.21e-05	2.63e-05	0.0
541	22	7.62e-03	2.83e-03	-0.11	2.19e-05	7.58e-05	0.0
541	55	1.68e-03	6.74e-03	-0.12	3.75e-05	8.76e-05	0.0
541	65	1.32e-03	8.64e-03	-0.12	3.32e-05	8.24e-05	0.0
541	94	0.08	-0.04	-0.08	-2.11e-05	4.72e-05	0.0
541	95	-0.08	0.04	-0.10	6.15e-05	7.23e-05	0.0
541	119	-0.02	0.09	-0.10	5.69e-05	7.61e-05	0.0
541	126	0.10	-0.05	-0.08	-2.93e-05	4.47e-05	0.0
541	127	-0.09	0.05	-0.10	6.97e-05	7.48e-05	0.0
541	151	-0.02	0.11	-0.10	6.42e-05	7.93e-05	0.0
542	2	5.12e-03	-0.01	-0.08	-1.24e-04	1.26e-05	0.0
542	47	-9.03e-03	5.64e-03	-0.13	-1.09e-04	1.05e-05	0.0
542	56	-4.39e-03	8.55e-03	-0.13	-1.09e-04	1.21e-05	0.0
542	95	-0.08	0.04	-0.10	-5.97e-05	5.53e-06	0.0
542	119	-0.02	0.09	-0.10	-5.85e-05	1.03e-05	0.0
542	127	-0.10	0.05	-0.10	-5.45e-05	4.96e-06	0.0
542	151	-0.02	0.11	-0.10	-5.30e-05	1.06e-05	0.0
543	47	-6.30e-03	8.72e-03	-0.13	7.98e-05	1.97e-05	0.0
543	56	-8.38e-04	0.01	-0.13	8.52e-05	2.29e-05	0.0
543	65	-1.23e-03	0.01	-0.12	7.75e-05	2.23e-05	0.0
543	95	-0.08	0.04	-0.10	8.91e-05	7.48e-06	0.0
543	111	-0.04	0.07	-0.10	9.56e-05	1.91e-05	0.0
543	119	-0.02	0.09	-0.10	9.44e-05	2.00e-05	0.0
543	127	-0.09	0.05	-0.10	9.63e-05	5.69e-06	0.0
543	143	-0.04	0.08	-0.11	1.04e-04	1.96e-05	0.0
543	151	-0.02	0.11	-0.11	1.03e-04	2.07e-05	0.0
544	45	-0.01	9.06e-03	-0.13	-1.04e-04	1.28e-06	0.0
544	56	-6.34e-03	0.01	-0.13	-1.03e-04	2.47e-06	0.0
544	65	-7.09e-03	0.02	-0.13	-1.00e-04	2.91e-06	0.0
544	95	-0.09	0.04	-0.10	-5.82e-05	-5.02e-06	0.0
544	119	-0.02	0.09	-0.10	-4.85e-05	1.07e-06	0.0
544	127	-0.10	0.04	-0.10	-5.35e-05	-6.38e-06	0.0
544	151	-0.02	0.10	-0.10	-4.19e-05	0.0	0.0
545	45	-8.18e-03	0.01	-0.13	8.33e-05	7.43e-06	0.0
545	56	-2.68e-03	0.02	-0.13	9.54e-05	9.85e-06	0.0
545	65	-3.09e-03	0.02	-0.13	8.74e-05	1.04e-05	0.0
545	95	-0.08	0.04	-0.10	8.94e-05	-3.03e-06	0.0
545	119	-0.02	0.09	-0.11	1.03e-04	1.09e-05	0.0
545	127	-0.10	0.05	-0.10	9.51e-05	-5.13e-06	0.0
545	151	-0.02	0.10	-0.11	1.12e-04	1.15e-05	0.0
546	45	-0.01	0.01	-0.12	-1.07e-04	-1.36e-05	0.0
546	56	-8.24e-03	0.02	-0.13	-1.06e-04	-1.30e-05	0.0
546	65	-9.00e-03	0.02	-0.13	-1.03e-04	-1.27e-05	0.0
546	95	-0.09	0.02	-0.10	-6.48e-05	-1.67e-05	0.0
546	117	0.03	0.08	-0.10	-5.75e-05	-8.56e-06	0.0
546	119	-0.02	0.08	-0.10	-5.15e-05	-1.27e-05	0.0
546	127	-0.10	0.02	-0.10	-6.11e-05	-1.81e-05	0.0
546	149	0.03	0.10	-0.10	-5.23e-05	-8.35e-06	0.0
546	151	-0.02	0.09	-0.10	-4.51e-05	-1.33e-05	0.0
547	45	-9.86e-03	0.02	-0.13	9.44e-05	-1.57e-05	0.0
547	56	-4.32e-03	0.02	-0.13	1.08e-04	-1.43e-05	0.0
547	65	-4.72e-03	0.02	-0.13	9.98e-05	-1.45e-05	0.0
547	95	-0.08	0.02	-0.10	9.71e-05	-2.09e-05	0.0
547	117	0.02	0.09	-0.10	1.13e-04	-8.69e-06	0.0
547	119	-0.02	0.08	-0.11	1.21e-04	-1.48e-05	0.0
547	127	-0.10	0.03	-0.10	1.02e-04	-2.30e-05	0.0
547	149	0.03	0.10	-0.11	1.21e-04	-8.36e-06	0.0
547	151	-0.03	0.10	-0.11	1.31e-04	-1.57e-05	0.0
548	45	-0.02	0.02	-0.12	-1.24e-04	-1.00e-05	0.0
548	56	-0.01	0.03	-0.12	-1.23e-04	-8.57e-06	0.0
548	65	-0.01	0.03	-0.12	-1.22e-04	-9.37e-06	0.0
548	95	-0.09	0.03	-0.09	-8.66e-05	-1.32e-05	0.0
548	113	-7.32e-03	0.09	-0.10	-8.18e-05	-6.69e-06	0.0
548	115	-0.05	0.09	-0.10	-7.94e-05	-1.05e-05	0.0
548	127	-0.11	0.04	-0.09	-8.49e-05	-1.44e-05	0.0
548	145	-7.15e-03	0.10	-0.10	-7.91e-05	-6.67e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
548	147	-0.06	0.11	-0.10	-7.62e-05	-1.12e-05	0.0
549	45	-0.02	0.02	-0.12	-1.25e-04	7.42e-06	0.0
549	56	-0.01	0.03	-0.12	-1.24e-04	1.05e-05	0.0
549	65	-0.01	0.04	-0.12	-1.24e-04	9.00e-06	0.0
549	95	-0.09	0.04	-0.09	-9.13e-05	1.93e-06	0.0
549	113	-8.91e-03	0.10	-0.10	-9.28e-05	9.80e-06	0.0
549	115	-0.05	0.11	-0.10	-9.03e-05	6.20e-06	0.0
549	127	-0.11	0.04	-0.09	-9.07e-05	0.0	0.0
549	145	-8.77e-03	0.11	-0.10	-9.25e-05	1.03e-05	0.0
549	147	-0.06	0.12	-0.10	-8.95e-05	6.01e-06	0.0
550	45	-0.01	0.02	-0.12	8.81e-05	-1.50e-05	0.0
550	56	-7.41e-03	0.03	-0.12	1.04e-04	-1.32e-05	0.0
550	65	-7.80e-03	0.03	-0.12	9.30e-05	-1.52e-05	0.0
550	95	-0.08	0.04	-0.09	7.93e-05	-2.16e-05	0.0
550	115	-0.04	0.10	-0.10	9.58e-05	-2.21e-05	0.0
550	121	0.02	0.08	-0.10	9.57e-05	-1.74e-05	0.0
550	127	-0.10	0.04	-0.09	8.14e-05	-2.40e-05	0.0
550	147	-0.05	0.11	-0.10	1.01e-04	-2.46e-05	0.0
550	153	0.03	0.09	-0.10	1.01e-04	-1.90e-05	0.0
551	45	-0.01	0.03	-0.12	8.29e-05	6.20e-06	0.0
551	56	-9.29e-03	0.03	-0.12	9.93e-05	9.53e-06	0.0
551	65	-9.69e-03	0.04	-0.12	8.73e-05	6.77e-06	0.0
551	95	-0.09	0.04	-0.09	6.97e-05	-3.03e-06	0.0
551	115	-0.04	0.11	-0.10	8.55e-05	-2.46e-06	0.0
551	121	0.02	0.08	-0.10	8.98e-05	2.02e-06	0.0
551	127	-0.10	0.04	-0.09	7.04e-05	-5.03e-06	0.0
551	147	-0.05	0.13	-0.10	8.94e-05	-4.33e-06	0.0
551	153	0.02	0.09	-0.10	9.45e-05	1.01e-06	0.0
552	2	4.77e-03	-0.33	-5.22e-03	2.35e-03	0.0	-3.88e-05
552	47	-0.02	-0.30	-0.07	2.31e-03	0.0	-6.68e-06
552	55	-0.02	-0.29	-0.08	2.30e-03	0.0	0.0
552	95	-0.11	-0.20	-0.06	1.73e-03	0.0	-2.16e-05
552	117	0.03	-0.15	-0.07	1.66e-03	0.0	-3.43e-05
552	118	-7.96e-03	-0.32	-0.04	1.90e-03	0.0	5.12e-05
552	127	-0.13	-0.19	-0.06	1.72e-03	0.0	-2.52e-05
552	149	0.04	-0.13	-0.07	1.64e-03	0.0	-4.05e-05
552	150	-7.31e-03	-0.33	-0.04	1.93e-03	0.0	6.23e-05
553	2	7.12e-03	-0.55	-5.66e-03	7.12e-04	0.0	-6.92e-05
553	47	-0.02	-0.51	-0.07	6.79e-04	0.0	-3.10e-05
553	55	-0.01	-0.51	-0.08	6.71e-04	0.0	-2.44e-05
553	95	-0.10	-0.36	-0.06	4.71e-04	0.0	-4.31e-05
553	117	0.04	-0.30	-0.07	3.86e-04	0.0	-5.86e-05
553	118	-5.80e-03	-0.50	-0.04	6.74e-04	0.0	4.08e-05
553	127	-0.12	-0.35	-0.06	4.60e-04	0.0	-4.73e-05
553	149	0.05	-0.28	-0.07	3.59e-04	0.0	-6.58e-05
553	150	-5.06e-03	-0.52	-0.04	7.04e-04	0.0	5.36e-05
554	2	9.59e-03	-0.51	-5.87e-03	-1.22e-03	0.0	-1.19e-04
554	47	-0.01	-0.46	-0.07	-1.25e-03	0.0	-6.95e-05
554	55	-0.01	-0.46	-0.08	-1.26e-03	0.0	-6.30e-05
554	95	-0.10	-0.31	-0.06	-1.01e-03	0.0	-7.55e-05
554	117	0.04	-0.24	-0.07	-1.10e-03	0.0	-9.33e-05
554	118	-3.59e-03	-0.48	-0.04	-8.09e-04	0.0	1.88e-05
554	127	-0.12	-0.30	-0.06	-1.02e-03	0.0	-8.02e-05
554	149	0.05	-0.22	-0.07	-1.12e-03	0.0	-1.01e-04
554	150	-2.77e-03	-0.51	-0.04	-7.80e-04	0.0	3.33e-05
555	2	0.01	-0.32	-6.19e-03	-1.93e-03	0.0	-1.34e-04
555	47	-0.01	-0.28	-0.07	-1.96e-03	0.0	-7.47e-05
555	55	-9.41e-03	-0.27	-0.08	-1.97e-03	0.0	-6.83e-05
555	95	-0.10	-0.16	-0.06	-1.56e-03	0.0	-8.08e-05
555	117	0.04	-0.08	-0.07	-1.64e-03	0.0	-9.94e-05
555	118	-1.57e-03	-0.35	-0.04	-1.35e-03	0.0	1.85e-05
555	127	-0.12	-0.15	-0.06	-1.57e-03	0.0	-8.56e-05
555	149	0.05	-0.06	-0.07	-1.66e-03	0.0	-1.08e-04
555	150	-6.82e-04	-0.38	-0.04	-1.33e-03	0.0	3.37e-05
556	2	-3.38e-04	-0.33	-0.01	2.35e-03	0.0	4.56e-05
556	45	-0.02	-0.29	-0.08	2.30e-03	0.0	7.47e-05
556	55	-0.02	-0.28	-0.08	2.30e-03	0.0	8.10e-05
556	95	-0.11	-0.20	-0.06	1.73e-03	0.0	4.11e-05
556	113	-0.04	-0.14	-0.07	1.66e-03	0.0	1.22e-04
556	114	0.05	-0.31	-0.05	1.89e-03	0.0	-2.61e-05
556	127	-0.13	-0.19	-0.06	1.72e-03	0.0	3.74e-05
556	145	-0.04	-0.12	-0.08	1.64e-03	0.0	1.34e-04
556	146	0.07	-0.33	-0.05	1.92e-03	0.0	-4.34e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
557	2	3.38e-03	-0.56	-0.01	7.68e-04	0.0	7.44e-05
557	47	-0.02	-0.51	-0.08	7.21e-04	0.0	1.07e-04
557	55	-0.02	-0.50	-0.08	7.13e-04	0.0	1.12e-04
557	95	-0.11	-0.36	-0.06	5.06e-04	0.0	6.24e-05
557	113	-0.03	-0.29	-0.07	4.26e-04	0.0	1.51e-04
557	114	0.06	-0.50	-0.05	7.00e-04	0.0	-9.13e-06
557	127	-0.13	-0.36	-0.06	4.96e-04	0.0	5.83e-05
557	145	-0.04	-0.27	-0.08	3.99e-04	0.0	1.64e-04
557	146	0.07	-0.52	-0.05	7.28e-04	0.0	-2.78e-05
558	2	7.29e-03	-0.52	-0.01	-1.09e-03	0.0	5.89e-05
558	47	-0.02	-0.47	-0.08	-1.14e-03	0.0	9.58e-05
558	55	-0.01	-0.46	-0.08	-1.15e-03	0.0	1.01e-04
558	95	-0.11	-0.33	-0.06	-9.25e-04	0.0	5.08e-05
558	113	-0.03	-0.24	-0.07	-1.01e-03	0.0	1.47e-04
558	114	0.06	-0.49	-0.05	-7.28e-04	0.0	-2.46e-05
558	127	-0.12	-0.32	-0.06	-9.36e-04	0.0	4.60e-05
558	145	-0.03	-0.22	-0.08	-1.03e-03	0.0	1.61e-04
558	146	0.07	-0.51	-0.05	-6.99e-04	0.0	-4.47e-05
559	2	0.01	-0.35	-0.01	-1.75e-03	0.0	1.71e-05
559	47	-0.01	-0.29	-0.08	-1.80e-03	0.0	5.78e-05
559	55	-0.01	-0.28	-0.08	-1.81e-03	0.0	6.26e-05
559	95	-0.10	-0.18	-0.06	-1.44e-03	0.0	1.90e-05
559	113	-0.03	-0.10	-0.07	-1.52e-03	0.0	1.19e-04
559	114	0.06	-0.37	-0.05	-1.24e-03	0.0	-5.75e-05
559	127	-0.12	-0.17	-0.06	-1.45e-03	0.0	1.37e-05
559	145	-0.03	-0.07	-0.08	-1.54e-03	0.0	1.34e-04
559	146	0.07	-0.40	-0.05	-1.21e-03	0.0	-7.83e-05
560	2	-3.24e-03	-0.32	-0.02	2.24e-03	0.0	1.78e-04
560	45	-0.03	-0.27	-0.08	2.20e-03	0.0	2.03e-04
560	55	-0.02	-0.26	-0.09	2.19e-03	0.0	2.10e-04
560	95	-0.11	-0.19	-0.06	1.65e-03	0.0	1.40e-04
560	113	-0.04	-0.12	-0.08	1.58e-03	0.0	2.19e-04
560	114	0.05	-0.31	-0.05	1.81e-03	0.0	7.44e-05
560	127	-0.13	-0.18	-0.06	1.64e-03	0.0	1.36e-04
560	145	-0.04	-0.10	-0.08	1.56e-03	0.0	2.32e-04
560	146	0.07	-0.33	-0.05	1.83e-03	0.0	5.74e-05
561	2	1.25e-03	-0.53	-0.02	7.33e-04	0.0	2.88e-04
561	45	-0.02	-0.48	-0.08	6.84e-04	0.0	3.11e-04
561	55	-0.02	-0.47	-0.09	6.77e-04	0.0	3.17e-04
561	95	-0.11	-0.34	-0.06	4.79e-04	0.0	2.19e-04
561	113	-0.03	-0.27	-0.08	4.01e-04	0.0	3.02e-04
561	114	0.05	-0.48	-0.05	6.69e-04	0.0	1.55e-04
561	127	-0.13	-0.34	-0.06	4.69e-04	0.0	2.15e-04
561	145	-0.04	-0.24	-0.08	3.76e-04	0.0	3.15e-04
561	146	0.07	-0.51	-0.05	6.97e-04	0.0	1.38e-04
562	2	5.86e-03	-0.50	-0.02	-1.03e-03	0.0	2.74e-04
562	47	-0.02	-0.44	-0.08	-1.08e-03	0.0	2.95e-04
562	55	-0.02	-0.43	-0.09	-1.09e-03	0.0	3.00e-04
562	95	-0.11	-0.31	-0.06	-8.78e-04	0.0	2.03e-04
562	113	-0.03	-0.22	-0.08	-9.55e-04	0.0	2.91e-04
562	114	0.06	-0.47	-0.05	-6.84e-04	0.0	1.39e-04
562	127	-0.13	-0.30	-0.07	-8.88e-04	0.0	1.98e-04
562	145	-0.03	-0.19	-0.08	-9.81e-04	0.0	3.04e-04
562	146	0.07	-0.50	-0.05	-6.56e-04	0.0	1.21e-04
563	2	8.92e-03	-0.34	-0.02	-1.70e-03	0.0	1.62e-04
563	47	-0.02	-0.27	-0.09	-1.76e-03	0.0	1.81e-04
563	55	-0.01	-0.26	-0.09	-1.76e-03	0.0	1.85e-04
563	95	-0.10	-0.18	-0.07	-1.40e-03	0.0	1.14e-04
563	113	-0.03	-0.08	-0.08	-1.48e-03	0.0	2.06e-04
563	114	0.06	-0.36	-0.05	-1.20e-03	0.0	4.77e-05
563	127	-0.12	-0.17	-0.07	-1.41e-03	0.0	1.08e-04
563	145	-0.03	-0.05	-0.08	-1.50e-03	0.0	2.19e-04
563	146	0.07	-0.39	-0.05	-1.18e-03	0.0	2.91e-05
564	2	-7.52e-03	-0.28	-0.03	1.90e-03	0.0	2.37e-04
564	45	-0.03	-0.23	-0.09	1.86e-03	0.0	2.56e-04
564	55	-0.03	-0.22	-0.10	1.85e-03	0.0	2.63e-04
564	95	-0.12	-0.16	-0.07	1.39e-03	0.0	1.81e-04
564	113	-0.04	-0.08	-0.09	1.34e-03	0.0	2.59e-04
564	114	0.05	-0.29	-0.05	1.54e-03	0.0	1.17e-04
564	127	-0.13	-0.16	-0.07	1.38e-03	0.0	1.77e-04
564	145	-0.05	-0.06	-0.09	1.32e-03	0.0	2.71e-04
564	146	0.06	-0.31	-0.05	1.56e-03	0.0	1.01e-04
565	2	-2.00e-03	-0.45	-0.03	4.81e-04	0.0	5.40e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
565	45	-0.03	-0.39	-0.09	4.39e-04	0.0	5.53e-04
565	55	-0.02	-0.38	-0.10	4.34e-04	0.0	5.59e-04
565	95	-0.11	-0.28	-0.07	2.95e-04	0.0	4.05e-04
565	113	-0.04	-0.19	-0.09	2.34e-04	0.0	4.82e-04
565	114	0.05	-0.43	-0.05	4.61e-04	0.0	3.50e-04
565	127	-0.13	-0.28	-0.07	2.86e-04	0.0	4.01e-04
565	145	-0.04	-0.17	-0.10	2.12e-04	0.0	4.93e-04
565	146	0.07	-0.46	-0.05	4.85e-04	0.0	3.34e-04
566	2	3.65e-03	-0.40	-0.03	-1.03e-03	0.0	7.48e-04
566	47	-0.02	-0.34	-0.09	-1.07e-03	0.0	7.54e-04
566	55	-0.02	-0.33	-0.10	-1.07e-03	0.0	7.58e-04
566	95	-0.11	-0.24	-0.07	-8.65e-04	0.0	5.19e-04
566	113	-0.03	-0.13	-0.09	-9.26e-04	0.0	5.08e-04
566	114	0.05	-0.40	-0.05	-6.99e-04	0.0	6.32e-04
566	127	-0.13	-0.23	-0.07	-8.75e-04	0.0	5.07e-04
566	145	-0.03	-0.11	-0.10	-9.48e-04	0.0	4.93e-04
566	146	0.07	-0.43	-0.05	-6.75e-04	0.0	6.42e-04
567	2	7.82e-03	-0.25	-0.03	-1.44e-03	0.0	8.48e-04
567	47	-0.02	-0.19	-0.09	-1.48e-03	0.0	8.49e-04
567	55	-0.01	-0.17	-0.10	-1.49e-03	0.0	8.53e-04
567	95	-0.11	-0.12	-0.07	-1.18e-03	0.0	5.90e-04
567	113	-0.03	-6.72e-03	-0.09	-1.24e-03	0.0	5.78e-04
567	114	0.06	-0.30	-0.05	-1.02e-03	0.0	7.08e-04
567	127	-0.13	-0.11	-0.07	-1.19e-03	0.0	5.78e-04
567	145	-0.03	0.02	-0.10	-1.27e-03	0.0	5.63e-04
567	146	0.07	-0.33	-0.05	-9.93e-04	0.0	7.19e-04
568	2	-0.01	-0.22	-0.04	1.42e-03	0.0	4.94e-04
568	45	-0.03	-0.17	-0.10	1.38e-03	0.0	5.10e-04
568	55	-0.03	-0.16	-0.11	1.38e-03	0.0	5.17e-04
568	95	-0.12	-0.12	-0.08	1.03e-03	0.0	3.76e-04
568	113	-0.05	-0.02	-0.10	9.85e-04	0.0	4.53e-04
568	114	0.05	-0.25	-0.06	1.16e-03	0.0	3.13e-04
568	127	-0.14	-0.11	-0.08	1.02e-03	0.0	3.72e-04
568	145	-0.05	-1.20e-03	-0.11	9.68e-04	0.0	4.66e-04
568	146	0.06	-0.27	-0.05	1.18e-03	0.0	2.96e-04
569	2	-4.85e-03	-0.34	-0.04	1.82e-04	0.0	8.83e-04
569	45	-0.03	-0.28	-0.10	1.50e-04	0.0	8.91e-04
569	55	-0.03	-0.27	-0.11	1.46e-04	0.0	8.97e-04
569	95	-0.11	-0.20	-0.08	7.88e-05	0.0	6.66e-04
569	113	-0.04	-0.10	-0.10	3.15e-05	0.0	7.38e-04
569	114	0.05	-0.35	-0.06	2.18e-04	0.0	6.14e-04
569	127	-0.13	-0.20	-0.08	7.04e-05	0.0	6.61e-04
569	145	-0.04	-0.07	-0.11	1.36e-05	0.0	7.49e-04
569	146	0.06	-0.38	-0.05	2.37e-04	0.0	5.99e-04
570	2	1.64e-03	-0.26	-0.04	-1.08e-03	0.0	8.49e-04
570	45	-0.02	-0.20	-0.10	-1.12e-03	0.0	8.48e-04
570	55	-0.02	-0.19	-0.11	-1.12e-03	0.0	8.53e-04
570	95	-0.11	-0.14	-0.08	-8.91e-04	0.0	5.98e-04
570	113	-0.03	-0.03	-0.10	-9.32e-04	0.0	5.88e-04
570	114	0.05	-0.30	-0.06	-7.69e-04	0.0	7.00e-04
570	127	-0.13	-0.13	-0.08	-8.98e-04	0.0	5.86e-04
570	145	-0.04	-1.32e-03	-0.11	-9.48e-04	0.0	5.75e-04
570	146	0.07	-0.33	-0.05	-7.51e-04	0.0	7.10e-04
571	2	6.72e-03	-0.11	-0.04	-1.07e-03	5.69e-05	5.40e-04
571	47	-0.02	-0.04	-0.10	-1.09e-03	4.73e-05	5.43e-04
571	55	-0.02	-0.03	-0.11	-1.10e-03	5.13e-05	5.48e-04
571	95	-0.11	-0.01	-0.08	-8.75e-04	3.67e-05	3.64e-04
571	113	-0.03	0.10	-0.10	-9.20e-04	6.43e-05	3.54e-04
571	114	0.05	-0.19	-0.06	-7.47e-04	1.81e-05	4.66e-04
571	127	-0.13	-0.01	-0.08	-8.82e-04	3.67e-05	3.53e-04
571	145	-0.03	0.13	-0.11	-9.36e-04	6.97e-05	3.41e-04
571	146	0.07	-0.22	-0.05	-7.29e-04	1.43e-05	4.75e-04
572	2	-0.01	-0.12	-0.05	7.13e-04	0.0	7.43e-04
572	45	-0.04	-0.07	-0.11	6.92e-04	0.0	7.58e-04
572	55	-0.04	-0.06	-0.12	6.88e-04	0.0	7.65e-04
572	95	-0.12	-0.04	-0.09	5.02e-04	0.0	5.68e-04
572	113	-0.05	0.06	-0.11	4.68e-04	0.0	6.45e-04
572	114	0.04	-0.18	-0.06	6.12e-04	0.0	5.03e-04
572	127	-0.14	-0.04	-0.09	4.95e-04	0.0	5.65e-04
572	145	-0.05	0.08	-0.12	4.54e-04	0.0	6.57e-04
572	146	0.06	-0.21	-0.06	6.27e-04	0.0	4.87e-04
573	2	-8.52e-03	-0.18	-0.05	4.52e-05	0.0	1.15e-03
573	45	-0.03	-0.12	-0.11	2.37e-05	0.0	1.15e-03

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
573	55	-0.03	-0.11	-0.12	2.04e-05	0.0	1.16e-03
573	95	-0.12	-0.08	-0.08	-9.82e-06	0.0	8.71e-04
573	113	-0.04	0.03	-0.11	-4.27e-05	0.0	9.38e-04
573	114	0.05	-0.23	-0.06	9.54e-05	0.0	8.22e-04
573	127	-0.14	-0.08	-0.09	-1.64e-05	0.0	8.67e-04
573	145	-0.05	0.05	-0.12	-5.60e-05	0.0	9.48e-04
573	146	0.06	-0.26	-0.06	1.10e-04	0.0	8.08e-04
574	2	-2.74e-05	-0.13	-0.05	-5.54e-04	0.0	8.57e-04
574	45	-0.03	-0.07	-0.11	-5.75e-04	0.0	8.56e-04
574	55	-0.02	-0.06	-0.12	-5.78e-04	0.0	8.62e-04
574	95	-0.11	-0.04	-0.08	-4.66e-04	0.0	6.09e-04
574	113	-0.03	0.07	-0.11	-4.98e-04	0.0	6.00e-04
574	114	0.05	-0.21	-0.06	-3.70e-04	0.0	7.03e-04
574	127	-0.13	-0.04	-0.08	-4.72e-04	0.0	5.99e-04
574	145	-0.04	0.10	-0.12	-5.11e-04	0.0	5.87e-04
574	146	0.06	-0.24	-0.06	-3.57e-04	0.0	7.11e-04
575	2	6.71e-03	-0.06	-0.05	-6.43e-04	0.0	4.86e-04
575	45	-0.02	2.06e-03	-0.11	-6.60e-04	0.0	4.81e-04
575	55	-0.02	0.01	-0.12	-6.62e-04	0.0	4.87e-04
575	95	-0.11	0.02	-0.08	-5.29e-04	0.0	3.21e-04
575	113	-0.03	0.14	-0.11	-5.59e-04	0.0	3.12e-04
575	115	-0.08	0.16	-0.11	-5.65e-04	0.0	3.30e-04
575	127	-0.13	0.02	-0.08	-5.35e-04	0.0	3.11e-04
575	145	-0.03	0.16	-0.12	-5.71e-04	0.0	3.00e-04
575	147	-0.09	0.19	-0.11	-5.77e-04	0.0	3.21e-04
576	23	0.02	0.03	-0.13	4.24e-05	-1.28e-05	0.0
576	65	0.01	0.04	-0.13	2.40e-05	-8.73e-06	0.0
576	76	8.49e-03	0.03	-0.14	5.58e-05	-1.56e-05	0.0
576	101	0.10	0.04	-0.10	2.40e-05	-6.16e-06	0.0
576	118	0.05	-0.04	-0.12	8.15e-05	-2.22e-05	0.0
576	123	-0.04	0.10	-0.09	-2.12e-05	8.38e-06	0.0
576	133	0.12	0.04	-0.10	2.29e-05	-5.86e-06	0.0
576	154	0.06	-0.06	-0.12	9.04e-05	-2.49e-05	0.0
576	155	-0.05	0.11	-0.09	-3.12e-05	1.13e-05	0.0
577	23	0.01	0.04	-0.13	5.74e-05	-4.72e-06	0.0
577	65	0.01	0.05	-0.13	3.58e-05	-5.76e-06	0.0
577	76	5.75e-03	0.03	-0.14	7.03e-05	-3.63e-06	0.0
577	101	0.10	0.04	-0.10	3.90e-05	2.23e-06	0.0
577	115	0.01	0.11	-0.09	-1.00e-05	-1.00e-05	0.0
577	118	0.05	-0.04	-0.11	9.01e-05	3.02e-06	0.0
577	133	0.11	0.04	-0.10	3.92e-05	3.06e-06	0.0
577	147	0.01	0.12	-0.09	-1.94e-05	-1.14e-05	0.0
577	150	0.06	-0.05	-0.12	1.00e-04	3.76e-06	0.0
578	45	-0.01	0.02	-0.12	9.32e-05	-2.22e-05	0.0
578	56	-5.66e-03	0.02	-0.13	1.08e-04	-2.08e-05	0.0
578	65	-6.06e-03	0.03	-0.12	9.85e-05	-2.24e-05	0.0
578	95	-0.08	0.03	-0.10	9.02e-05	-2.90e-05	0.0
578	119	-0.02	0.08	-0.10	1.11e-04	-2.96e-05	0.0
578	123	-0.02	0.09	-0.10	1.10e-04	-2.92e-05	0.0
578	127	-0.10	0.03	-0.10	9.40e-05	-3.18e-05	0.0
578	151	-0.03	0.10	-0.10	1.19e-04	-3.25e-05	0.0
578	155	-0.03	0.10	-0.10	1.18e-04	-3.21e-05	0.0
579	45	-0.01	0.02	-0.12	-1.15e-04	-1.22e-05	0.0
579	56	-9.79e-03	0.02	-0.13	-1.14e-04	-1.11e-05	0.0
579	65	-0.01	0.02	-0.12	-1.12e-04	-1.16e-05	0.0
579	95	-0.09	0.03	-0.10	-7.50e-05	-1.53e-05	0.0
579	121	0.02	0.08	-0.10	-6.50e-05	-8.93e-06	0.0
579	123	-0.02	0.08	-0.10	-6.18e-05	-1.30e-05	0.0
579	127	-0.11	0.03	-0.10	-7.21e-05	-1.67e-05	0.0
579	153	0.03	0.09	-0.10	-6.00e-05	-9.04e-06	0.0
579	155	-0.02	0.10	-0.10	-5.63e-05	-1.39e-05	0.0
580	2	-2.22e-04	-0.02	-0.10	9.28e-05	2.31e-06	-5.75e-06
580	45	-0.02	0.01	-0.16	-3.94e-05	1.92e-06	2.36e-05
580	55	-0.02	0.02	-0.16	-4.79e-05	3.45e-06	2.99e-05
580	95	-0.10	0.02	-0.12	-3.44e-05	0.0	3.47e-06
580	121	0.03	0.08	-0.12	-6.43e-05	8.49e-06	-2.88e-05
580	123	-0.02	0.08	-0.12	-6.08e-05	3.87e-06	-8.16e-06
580	127	-0.12	0.03	-0.12	-3.53e-05	0.0	0.0
580	153	0.03	0.09	-0.12	-7.11e-05	9.74e-06	-3.87e-05
580	155	-0.02	0.09	-0.12	-6.69e-05	4.23e-06	-1.38e-05
581	2	-3.01e-04	-0.03	-6.82e-03	1.34e-03	2.00e-05	0.0
581	45	-0.02	4.51e-03	-0.07	1.29e-03	1.86e-05	2.95e-05
581	55	-0.02	0.01	-0.08	1.29e-03	2.04e-05	3.58e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
581	95	-0.11	0.02	-0.06	9.83e-04	1.24e-05	8.00e-06
581	121	0.03	0.07	-0.07	9.33e-04	2.30e-05	-2.43e-05
581	123	-0.02	0.08	-0.07	9.37e-04	1.68e-05	-3.65e-06
581	127	-0.13	0.02	-0.06	9.80e-04	1.21e-05	4.70e-06
581	153	0.04	0.08	-0.07	9.21e-04	2.46e-05	-3.42e-05
581	155	-0.02	0.09	-0.07	9.26e-04	1.71e-05	-9.31e-06
582	2	2.40e-03	-0.33	-7.66e-03	2.37e-03	0.0	9.99e-06
582	45	-0.02	-0.30	-0.07	2.32e-03	0.0	4.17e-05
582	55	-0.02	-0.29	-0.08	2.32e-03	0.0	4.80e-05
582	95	-0.11	-0.21	-0.06	1.75e-03	0.0	1.57e-05
582	121	0.03	-0.15	-0.07	1.68e-03	0.0	-2.03e-05
582	122	-0.01	-0.31	-0.05	1.91e-03	0.0	6.46e-05
582	127	-0.13	-0.20	-0.06	1.74e-03	0.0	1.21e-05
582	153	0.04	-0.13	-0.07	1.65e-03	0.0	-3.12e-05
582	154	-0.01	-0.33	-0.04	1.94e-03	0.0	7.10e-05
583	2	5.38e-03	-0.56	-8.22e-03	7.50e-04	0.0	-1.35e-05
583	47	-0.02	-0.52	-0.08	7.10e-04	0.0	2.46e-05
583	55	-0.02	-0.51	-0.08	7.01e-04	0.0	3.08e-05
583	95	-0.11	-0.37	-0.06	4.96e-04	0.0	0.0
583	121	0.03	-0.30	-0.07	4.15e-04	0.0	-4.22e-05
583	122	-8.56e-03	-0.50	-0.05	6.92e-04	0.0	5.69e-05
583	127	-0.13	-0.37	-0.06	4.86e-04	0.0	-4.31e-06
583	153	0.04	-0.28	-0.07	3.88e-04	0.0	-5.48e-05
583	154	-8.11e-03	-0.52	-0.04	7.21e-04	0.0	6.43e-05
584	2	8.59e-03	-0.52	-8.57e-03	-1.15e-03	0.0	-7.27e-05
584	47	-0.02	-0.47	-0.08	-1.19e-03	0.0	-2.40e-05
584	55	-0.01	-0.46	-0.08	-1.20e-03	0.0	-1.82e-05
584	95	-0.10	-0.32	-0.06	-9.68e-04	0.0	-4.05e-05
584	121	0.04	-0.25	-0.07	-1.05e-03	0.0	-8.86e-05
584	122	-5.91e-03	-0.48	-0.05	-7.69e-04	0.0	2.51e-05
584	127	-0.12	-0.31	-0.06	-9.79e-04	0.0	-4.52e-05
584	153	0.05	-0.23	-0.07	-1.08e-03	0.0	-1.03e-04
584	154	-5.37e-03	-0.51	-0.04	-7.40e-04	0.0	3.37e-05
585	2	0.01	-0.34	-8.85e-03	-1.82e-03	0.0	-1.51e-04
585	47	-0.01	-0.29	-0.08	-1.86e-03	0.0	-9.34e-05
585	55	-0.01	-0.28	-0.08	-1.87e-03	0.0	-8.79e-05
585	95	-0.10	-0.18	-0.06	-1.48e-03	0.0	-9.58e-05
585	121	0.04	-0.10	-0.07	-1.56e-03	0.0	-1.48e-04
585	122	-3.65e-03	-0.36	-0.05	-1.28e-03	0.0	-2.50e-05
585	127	-0.12	-0.17	-0.06	-1.49e-03	0.0	-1.01e-04
585	153	0.05	-0.07	-0.07	-1.59e-03	0.0	-1.63e-04
585	154	-3.05e-03	-0.39	-0.04	-1.25e-03	0.0	-1.57e-05
586	23	7.58e-03	0.03	-0.14	-5.46e-05	-7.31e-06	0.0
586	56	2.14e-03	0.03	-0.14	-6.00e-05	-5.44e-06	0.0
586	65	2.48e-03	0.04	-0.14	-6.55e-05	-4.86e-06	0.0
586	106	0.08	-8.57e-03	-0.10	-2.95e-05	-6.66e-06	0.0
586	119	-0.03	0.09	-0.11	-9.00e-05	5.88e-06	0.0
586	123	-0.03	0.09	-0.11	-8.88e-05	5.77e-06	0.0
586	138	0.10	-0.01	-0.10	-2.78e-05	-7.61e-06	0.0
586	151	-0.04	0.10	-0.11	-1.01e-04	7.16e-06	0.0
586	155	-0.04	0.11	-0.11	-9.90e-05	7.00e-06	0.0
587	23	0.01	0.03	-0.13	-9.18e-06	-2.75e-05	0.0
587	65	9.00e-03	0.04	-0.13	-2.53e-05	-2.19e-05	0.0
587	76	5.18e-03	0.02	-0.13	0.0	-2.78e-05	0.0
587	101	0.09	0.04	-0.10	-1.61e-05	-2.19e-05	0.0
587	123	-0.03	0.10	-0.09	-6.83e-05	-4.94e-06	0.0
587	124	-2.86e-03	-0.04	-0.10	4.68e-05	-2.03e-05	0.0
587	133	0.11	0.04	-0.09	-1.77e-05	-2.34e-05	0.0
587	155	-0.04	0.11	-0.09	-8.03e-05	-3.16e-06	0.0
587	156	-4.51e-03	-0.06	-0.11	5.77e-05	-2.11e-05	0.0
588	2	2.89e-03	-0.24	-0.11	7.92e-04	0.0	-1.69e-04
588	45	-0.02	-0.19	-0.16	1.52e-03	0.0	-9.73e-05
588	55	-0.01	-0.18	-0.17	1.51e-03	0.0	-9.17e-05
588	95	-0.10	-0.10	-0.12	1.13e-03	0.0	-1.01e-04
588	121	0.03	-0.02	-0.13	1.08e-03	0.0	-1.58e-04
588	122	8.27e-04	-0.28	-0.12	1.28e-03	0.0	-2.13e-05
588	127	-0.12	-0.09	-0.12	1.12e-03	0.0	-1.07e-04
588	153	0.04	7.69e-03	-0.13	1.06e-03	0.0	-1.75e-04
588	154	2.70e-03	-0.31	-0.12	1.30e-03	0.0	-1.07e-05
589	2	2.61e-03	-0.16	-0.10	6.82e-04	0.0	-2.03e-04
589	45	-0.02	-0.04	-0.16	1.21e-03	0.0	-1.39e-04
589	55	-0.01	-0.03	-0.16	1.21e-03	0.0	-1.34e-04
589	95	-0.10	0.01	-0.12	8.90e-04	0.0	-1.28e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
589	121	0.03	0.09	-0.13	8.27e-04	0.0	-1.76e-04
589	122	2.63e-04	-0.15	-0.12	1.06e-03	0.0	-6.53e-05
589	127	-0.12	0.02	-0.12	8.82e-04	0.0	-1.33e-04
589	153	0.04	0.11	-0.13	8.05e-04	0.0	-1.91e-04
589	154	2.08e-03	-0.18	-0.12	1.08e-03	0.0	-5.71e-05
590	2	1.89e-03	-0.09	-0.10	4.39e-04	0.0	-1.54e-04
590	45	-0.02	0.07	-0.16	3.51e-04	0.0	-1.04e-04
590	55	-0.01	0.08	-0.16	3.43e-04	0.0	-9.79e-05
590	95	-0.10	0.08	-0.12	2.17e-04	0.0	-9.63e-05
590	121	0.03	0.15	-0.13	1.28e-04	0.0	-1.38e-04
590	123	-0.02	0.16	-0.13	1.19e-04	0.0	-1.11e-04
590	127	-0.12	0.08	-0.12	2.06e-04	0.0	-9.99e-05
590	153	0.04	0.17	-0.13	9.91e-05	0.0	-1.50e-04
590	155	-0.02	0.18	-0.13	8.80e-05	0.0	-1.18e-04
591	45	-0.02	0.06	-0.16	-4.06e-04	0.0	-2.27e-05
591	55	-0.01	0.07	-0.16	-4.14e-04	0.0	-1.65e-05
591	67	-0.02	0.07	-0.16	-4.19e-04	0.0	-1.35e-05
591	95	-0.10	0.07	-0.12	-3.67e-04	0.0	-3.33e-05
591	121	0.03	0.13	-0.13	-4.55e-04	0.0	-6.96e-05
591	123	-0.02	0.13	-0.12	-4.66e-04	0.0	-4.62e-05
591	127	-0.12	0.07	-0.12	-3.78e-04	0.0	-3.68e-05
591	153	0.04	0.14	-0.13	-4.85e-04	0.0	-8.05e-05
591	155	-0.02	0.15	-0.13	-4.97e-04	0.0	-5.23e-05
592	23	0.01	0.04	-0.13	6.15e-05	1.01e-05	0.0
592	65	8.98e-03	0.05	-0.13	3.93e-05	5.13e-06	0.0
592	76	3.37e-03	0.03	-0.14	7.41e-05	1.20e-05	0.0
592	101	0.09	0.04	-0.10	3.91e-05	1.74e-05	0.0
592	110	-3.01e-03	-0.05	-0.12	9.40e-05	1.97e-05	0.0
592	115	0.01	0.12	-0.09	-1.09e-05	-4.81e-06	0.0
592	133	0.11	0.04	-0.10	3.88e-05	1.94e-05	0.0
592	142	-4.53e-03	-0.06	-0.12	1.04e-04	2.22e-05	0.0
592	147	0.01	0.14	-0.09	-2.10e-05	-7.06e-06	0.0
593	2	-0.01	3.75e-03	-0.08	5.67e-05	-1.43e-05	0.0
593	66	5.98e-03	0.06	-0.13	4.03e-05	-2.09e-05	0.0
593	88	-1.35e-03	0.03	-0.14	7.76e-05	-1.62e-05	0.0
593	101	0.09	0.04	-0.10	3.52e-05	-3.98e-06	0.0
593	110	-5.63e-03	-0.05	-0.12	9.64e-05	0.0	0.0
593	115	8.20e-03	0.14	-0.08	-1.17e-05	-2.88e-05	0.0
593	133	0.11	0.04	-0.10	3.40e-05	-1.80e-06	0.0
593	142	-7.20e-03	-0.07	-0.12	1.07e-04	2.85e-06	0.0
593	147	9.45e-03	0.16	-0.08	-2.20e-05	-3.16e-05	0.0
594	2	-0.01	1.91e-03	-0.08	3.94e-05	-1.05e-06	0.0
594	68	3.52e-03	0.06	-0.13	2.85e-05	-7.20e-06	0.0
594	88	-3.93e-03	0.03	-0.14	6.29e-05	-1.14e-06	0.0
594	101	0.09	0.04	-0.10	2.06e-05	4.90e-06	0.0
594	110	-7.78e-03	-0.06	-0.12	8.45e-05	1.14e-05	0.0
594	115	6.44e-03	0.15	-0.08	-2.53e-05	-1.93e-05	0.0
594	133	0.11	0.04	-0.10	1.91e-05	6.72e-06	0.0
594	142	-9.39e-03	-0.08	-0.12	9.53e-05	1.44e-05	0.0
594	147	7.72e-03	0.18	-0.08	-3.59e-05	-2.22e-05	0.0
595	16	-6.90e-03	0.05	-0.15	-4.71e-05	8.02e-05	0.0
595	45	-0.02	0.05	-0.14	-4.77e-05	6.89e-05	0.0
595	68	-9.48e-03	0.06	-0.14	-5.39e-05	6.95e-05	0.0
595	94	0.06	0.03	-0.12	-2.80e-05	7.87e-05	0.0
595	107	-0.09	0.09	-0.10	-3.50e-05	3.55e-05	0.0
595	115	-0.02	0.16	-0.10	-5.98e-05	2.50e-05	0.0
595	126	0.08	0.03	-0.12	-2.66e-05	8.33e-05	0.0
595	139	-0.10	0.10	-0.10	-3.53e-05	3.17e-05	0.0
595	147	-0.03	0.19	-0.10	-6.50e-05	1.90e-05	0.0
596	2	-0.02	-2.14e-03	-0.08	-3.91e-05	7.61e-05	0.0
596	68	-3.36e-03	0.07	-0.13	-5.00e-05	7.51e-05	0.0
596	76	-7.32e-03	0.04	-0.14	-2.94e-05	9.02e-05	0.0
596	104	-0.09	0.04	-0.10	-8.79e-06	5.02e-05	0.0
596	110	-1.76e-03	-0.07	-0.12	1.91e-05	8.64e-05	0.0
596	115	-8.16e-03	0.16	-0.09	-7.57e-05	3.18e-05	0.0
596	136	-0.10	0.04	-0.10	-4.53e-06	4.86e-05	0.0
596	142	-1.23e-03	-0.09	-0.12	2.89e-05	9.18e-05	0.0
596	147	-8.93e-03	0.19	-0.09	-8.48e-05	2.66e-05	0.0
597	2	-0.02	-7.43e-05	-0.08	-1.50e-05	1.68e-05	0.0
597	68	1.67e-03	0.07	-0.13	-2.77e-05	1.10e-05	0.0
597	88	-5.81e-03	0.03	-0.14	8.07e-06	2.71e-05	0.0
597	104	-0.09	0.04	-0.10	-4.86e-06	-1.27e-06	0.0
597	110	-9.29e-03	-0.06	-0.12	5.31e-05	4.67e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
597	115	5.08e-03	0.16	-0.08	-7.84e-05	-2.53e-05	0.0
597	136	-0.11	0.04	-0.10	-3.10e-06	-3.43e-06	0.0
597	142	-0.01	-0.09	-0.13	6.63e-05	5.39e-05	0.0
597	147	6.38e-03	0.19	-0.07	-9.11e-05	-3.22e-05	0.0
Nodo		**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		-0.29	-0.56	-1.21	-5.78e-03	-5.57e-03	-1.22e-03
		0.47	0.48	-2.51e-03	2.64e-03	2.01e-03	1.83e-03

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm
Nodo		**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.
Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione Fz (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	Codice identificativo del nome assegnato al plinto
area	area dell'impronta del plinto
Wink O **Wink V**	coefficienti di Winkler (orizzontale e verticale) adottati
Comb	Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)	valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

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

Test N°	Titolo
105	PLINTO SUPERFICIALE
106	PLINTO SUPERFICIALE
107	PLINTO SUPERFICIALE
108	PLINTO SUPERFICIALE
109	PLINTO SUPERFICIALE
110	PLINTO SUPERFICIALE
111	PLINTO SUPERFICIALE
112	PLINTO SUPERFICIALE
113	PLINTO SUPERFICIALE
114	PLINTO SUPERFICIALE
115	PLINTO SUPERFICIALE
116	PLINTO SUPERFICIALE
117	PLINTO SUPERFICIALE
118	PLINTO SUPERFICIALE
119	PLINTO SUPERFICIALE
120	PLINTO SUPERFICIALE
121	PLINTO SUPERFICIALE
122	PLINTO SUPERFICIALE
123	PLINTO SUPERFICIALE
124	FONDAZIONE NASTRIFORME
125	CALCOLO DEI K DI WINKLER

Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2
1	-1.03	-1.01	-1.06								
2	-1.30	-1.28	-1.36								
3	-0.72	-0.76	-0.80								
4	-1.25	-1.23	-1.30								
5	-1.42	-1.11	-1.12								
6	-1.37	-1.13	-1.15								
8	-1.26	-1.00	-1.01								
11	-1.26	-0.99	-1.00								
12	-1.36	-1.09	-1.11								
13	-1.34	-1.07	-1.09								
17	-1.13	-0.92	-0.93								
18	-1.60	-1.25	-1.27								
19	-1.40	-1.14	-1.17								
23	-1.04	-0.95	-0.99								
25	-1.59	-1.23	-1.24								
31	-1.57	-1.29	-1.31								
42	-1.56	-1.25	-1.26								
45	-1.10	-1.04	-1.09								
46	-1.60	-1.23	-1.24								
52	-1.50	-1.24	-1.26								
63	-0.97	-0.90	-0.94								
64	-1.24	-0.99	-1.01								
65	-1.53	-1.23	-1.25								
70	-0.82	-0.78	-0.81								
71	-1.55	-1.22	-1.23								
77	-1.53	-1.22	-1.23								
89	-1.22	-1.08	-1.13								
97	-1.34	-1.24	-1.29								
98	-1.36	-1.15	-1.18								
99	-1.52	-1.22	-1.24								
109	-1.56	-1.32	-1.35								

Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
116	-1.55	-1.28	-1.31								
125	-1.53	-1.25	-1.28								
127	-1.20	-0.94	-0.94								
128	-0.82	-0.72	-0.75								
140	-1.37	-1.07	-1.08								
148	-0.98	-0.87	-0.90								
151	-1.44	-1.17	-1.19								
161	-0.92	-0.79	-0.81								
163	-1.51	-1.23	-1.25								
166	-1.35	-1.14	-1.17								
171	-1.44	-1.19	-1.21								
174	-0.89	-0.74	-0.76								
187	-0.86	-0.74	-0.76								
196	-1.43	-1.11	-1.12								
199	-1.29	-1.06	-1.08								
213	-0.74	-0.64	-0.66								
215	-1.33	-1.21	-1.26								
216	-1.44	-1.14	-1.16								
226	-0.76	-0.65	-0.68								
227	-1.48	-1.21	-1.24								
228	-1.16	-1.03	-1.08								
230	-1.56	-1.34	-1.38								
231	-1.44	-1.23	-1.26								
254	-1.43	-1.13	-1.14								
256	-1.38	-1.07	-1.08								
261	-0.75	-0.72	-0.76								
266	-0.73	-0.68	-0.71								
271	-0.73	-0.66	-0.69								
276	-0.73	-0.64	-0.67								
282	-1.51	-1.22	-1.24								
283	-1.60	-1.27	-1.29								
292	-1.30	-1.02	-1.04								
295	-1.56	-1.23	-1.24								
301	-0.78	-0.77	-0.81								
311	-1.58	-1.37	-1.41								
313	-0.87	-0.78	-0.82								
318	-1.46	-1.18	-1.20								
321	-1.17	-1.13	-1.18								
324	-1.26	-0.98	-0.99								
327	-1.35	-1.17	-1.22								
333	-1.45	-1.15	-1.17								
339	-1.12	-1.01	-1.06								
345	-1.32	-1.04	-1.05								
348	-1.42	-1.18	-1.21								
355	-1.58	-1.33	-1.36								
358	-1.06	-1.01	-1.06								
359	-1.35	-1.05	-1.06								
363	-1.28	-1.04	-1.06								
365	-1.58	-1.23	-1.24								
376	-1.48	-1.20	-1.23								
396	-0.84	-0.74	-0.77								
399	-1.59	-1.30	-1.32								
408	-1.19	-1.06	-1.10								
416	-1.09	-1.02	-1.06								
422	-1.10	-1.01	-1.05								
429	-1.27	-1.17	-1.23								
432	-1.30	-1.25	-1.32								
446	-1.28	-1.21	-1.27								
454	-1.25	-1.11	-1.16								
457	-1.26	-1.14	-1.19								
460	-1.24	-1.10	-1.15								
480	-1.43	-1.12	-1.14								
485	-1.39	-1.11	-1.13								
486	-1.29	-1.07	-1.10								
492	-1.31	-1.03	-1.04								
529	-1.34	-1.06	-1.07								
530	-1.23	-0.97	-0.98								
531	-1.21	-0.95	-0.95								
532	-1.22	-0.97	-0.97								
533	-1.37	-1.11	-1.13								
534	-1.22	-0.96	-0.97								
535	-1.19	-0.93	-0.94								
536	-1.07	-0.86	-0.87								

Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
537	-1.10	-0.89	-0.90								
538	-1.11	-0.88	-0.90								
539	-1.22	-0.96	-0.97								
540	-1.23	-0.97	-0.97								
541	-1.18	-0.95	-0.97								
542	-1.28	-1.00	-1.01								
543	-1.28	-1.04	-1.05								
544	-1.29	-1.01	-1.01								
545	-1.30	-1.05	-1.07								
546	-1.28	-1.00	-1.01								
547	-1.30	-1.06	-1.07								
548	-1.25	-0.97	-0.98								
549	-1.24	-0.97	-0.98								
550	-1.25	-0.99	-1.00								
551	-1.24	-0.98	-0.99								
576	-1.40	-1.16	-1.19								
577	-1.38	-1.14	-1.17								
578	-1.27	-1.03	-1.04								
579	-1.26	-0.98	-0.99								
580	-1.60	-1.24	-1.25								
581	-0.78	-0.68	-0.70								
586	-1.42	-1.11	-1.12								
587	-1.33	-1.04	-1.05								
592	-1.39	-1.16	-1.19								
593	-1.38	-1.17	-1.21								
594	-1.36	-1.19	-1.22								
595	-1.48	-1.20	-1.22								
596	-1.39	-1.16	-1.19								
597	-1.39	-1.23	-1.28								
Nodo (G)	**Pt 1/12**	**Pt 2/13**	**Pt 3...**	**Pt 4...**							
	-1.60										
	-0.64										

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

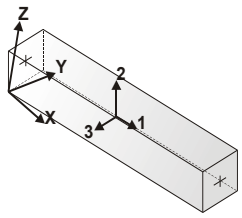
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

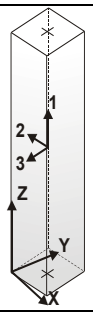
Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
Q2/Q3	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
Pos.	ascissa del punto iniziale e finale dell'elemento
N, V2, ecc..	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
41	2	0.0	1.122e+05	-9.03e-03	0.0	0.0	4109.47	0.0	-260.24	0.0	1.122e+05	0.0
		0.0	0.0	0.20	0.0	431.0	5370.14	0.0	-260.24	0.0	0.0	0.0
41	25	0.0	8.265e+04	-0.01	0.0	0.0	3120.66	0.0	-191.76	0.0	8.265e+04	0.0
		0.0	0.0	0.15	0.0	431.0	4090.41	0.0	-191.76	0.0	0.0	0.0
41	35	0.0	1.165e+05	1.04e-03	0.0	0.0	4545.23	0.0	-270.30	0.0	1.165e+05	0.0
		0.0	0.0	0.24	0.0	431.0	5805.91	0.0	-270.30	0.0	0.0	0.0
41	45	0.0	1.087e+05	7.30e-03	0.0	0.0	4109.47	0.0	-252.30	0.0	1.087e+05	0.0
		0.0	0.0	0.21	0.0	431.0	5370.14	0.0	-252.30	0.0	0.0	0.0
41	75	0.0	1.184e+05	-5.92e-03	0.0	0.0	4545.23	0.0	-274.76	0.0	1.184e+05	0.0
		0.0	0.0	0.26	0.0	431.0	5805.91	0.0	-274.76	0.0	0.0	0.0
41	94	0.0	8.636e+04	-0.02	0.0	0.0	2915.75	0.0	-200.36	0.0	8.636e+04	0.0
		0.0	0.0	0.18	0.0	431.0	3885.50	0.0	-200.36	0.0	0.0	0.0
41	95	0.0	7.966e+04	5.35e-03	0.0	0.0	3371.32	0.0	-184.84	0.0	7.966e+04	0.0
		0.0	0.0	0.14	0.0	431.0	4341.07	0.0	-184.84	0.0	0.0	0.0
41	115	0.0	7.824e+04	-3.07e-03	0.0	0.0	3316.97	0.0	-181.53	0.0	7.824e+04	0.0
		0.0	0.0	0.11	0.0	431.0	4286.72	0.0	-181.53	0.0	0.0	0.0
41	117	0.0	7.950e+04	-0.01	0.0	0.0	3196.19	0.0	-184.46	0.0	7.950e+04	0.0
		0.0	0.0	0.12	0.0	431.0	4165.94	0.0	-184.46	0.0	0.0	0.0
41	120	0.0	8.652e+04	-1.78e-03	0.0	0.0	3090.88	0.0	-200.74	0.0	8.652e+04	0.0
		0.0	0.0	0.19	0.0	431.0	4060.63	0.0	-200.74	0.0	0.0	0.0
41	122	0.0	8.812e+04	-8.46e-03	0.0	0.0	2979.40	0.0	-204.45	0.0	8.812e+04	0.0
		0.0	0.0	0.20	0.0	431.0	3949.15	0.0	-204.45	0.0	0.0	0.0
41	126	0.0	8.699e+04	-0.02	0.0	0.0	2869.56	0.0	-201.84	0.0	8.699e+04	0.0
		0.0	0.0	0.18	0.0	431.0	3839.31	0.0	-201.84	0.0	0.0	0.0
41	127	0.0	7.903e+04	7.71e-03	0.0	0.0	3417.51	0.0	-183.36	0.0	7.903e+04	0.0
		0.0	0.0	0.13	0.0	431.0	4387.26	0.0	-183.36	0.0	0.0	0.0
41	147	0.0	7.729e+04	-2.45e-03	0.0	0.0	3352.05	0.0	-179.33	0.0	7.729e+04	0.0
		0.0	0.0	0.11	0.0	431.0	4321.80	0.0	-179.33	0.0	0.0	0.0
41	149	0.0	7.880e+04	-0.01	0.0	0.0	3206.73	0.0	-182.84	0.0	7.880e+04	0.0
		0.0	0.0	0.11	0.0	431.0	4176.48	0.0	-182.84	0.0	0.0	0.0
41	152	0.0	8.722e+04	-9.83e-04	0.0	0.0	3080.33	0.0	-202.36	0.0	8.722e+04	0.0
		0.0	0.0	0.20	0.0	431.0	4050.08	0.0	-202.36	0.0	0.0	0.0
41	154	0.0	8.913e+04	-9.01e-03	0.0	0.0	2946.23	0.0	-206.79	0.0	8.913e+04	0.0
		0.0	0.0	0.21	0.0	431.0	3915.98	0.0	-206.79	0.0	0.0	0.0
42	21	0.0	0.0	-0.02	0.0	0.0	-8207.01	0.0	8.48	0.0	-3655.86	0.0
		0.0	-3655.86	-0.03	0.0	431.0	-6946.33	0.0	8.48	0.0	0.0	0.0
42	47	0.0	0.0	2.24e-03	0.0	0.0	-8647.86	0.0	9.51	0.0	-4100.05	0.0
		0.0	-4100.05	-0.04	0.0	431.0	-7387.18	0.0	9.51	0.0	0.0	0.0
42	66	0.0	0.0	-0.02	0.0	0.0	-8033.42	0.0	19.23	0.0	-8289.80	0.0
		0.0	-8289.80	-0.05	0.0	431.0	-6772.75	0.0	19.23	0.0	0.0	0.0
42	69	0.0	0.0	-0.01	0.0	0.0	-6057.19	0.0	16.52	0.0	-7119.64	0.0
		0.0	-7119.64	-0.04	0.0	431.0	-5087.44	0.0	16.52	0.0	0.0	0.0
42	76	0.0	0.0	-0.01	0.0	0.0	-9299.83	0.0	0.98	0.0	-421.17	0.0
		0.0	-421.17	-0.02	0.0	431.0	-8039.16	0.0	0.98	0.0	0.0	0.0
42	91	0.0	3051.61	-6.46e-03	0.0	0.0	-7023.53	0.0	-7.08	0.0	3051.61	0.0
		0.0	0.0	-4.12e-03	0.0	431.0	-6053.78	0.0	-7.08	0.0	0.0	0.0
42	101	0.0	0.0	-0.02	0.0	0.0	-5947.06	0.0	9.63	0.0	-4151.28	0.0
		0.0	-4151.28	-0.03	0.0	431.0	-4977.31	0.0	9.63	0.0	0.0	0.0
42	104	0.0	0.0	3.56e-04	0.0	0.0	-6608.42	0.0	4.60	0.0	-1981.22	0.0
		0.0	-1981.22	-0.02	0.0	431.0	-5638.67	0.0	4.60	0.0	0.0	0.0
42	110	0.0	4282.98	-0.01	0.0	0.0	-6435.96	0.0	-9.94	0.0	4282.98	0.0
		0.0	0.0	0.01	0.0	431.0	-5466.21	0.0	-9.94	0.0	0.0	0.0
42	111	0.0	0.0	-6.56e-03	0.0	0.0	-6119.52	0.0	24.17	0.0	-1.042e+04	0.0
		0.0	-1.042e+04	-0.06	0.0	431.0	-5149.77	0.0	24.17	0.0	0.0	0.0
42	122	0.0	4484.87	-0.01	0.0	0.0	-6379.38	0.0	-10.41	0.0	4484.87	0.0
		0.0	0.0	0.01	0.0	431.0	-5409.63	0.0	-10.41	0.0	0.0	0.0
42	123	0.0	0.0	-7.99e-03	0.0	0.0	-6176.10	0.0	24.63	0.0	-1.062e+04	0.0
		0.0	-1.062e+04	-0.06	0.0	431.0	-5206.35	0.0	24.63	0.0	0.0	0.0
42	133	0.0	0.0	-0.02	0.0	0.0	-5880.24	0.0	10.13	0.0	-4368.05	0.0
		0.0	-4368.05	-0.03	0.0	431.0	-4910.49	0.0	10.13	0.0	0.0	0.0
42	136	0.0	0.0	2.47e-03	0.0	0.0	-6675.24	0.0	4.09	0.0	-1764.44	0.0
		0.0	-1764.44	-0.02	0.0	431.0	-5705.49	0.0	4.09	0.0	0.0	0.0
42	142	0.0	5685.64	-0.01	0.0	0.0	-6467.91	0.0	-13.19	0.0	5685.64	0.0
		0.0	0.0	0.02	0.0	431.0	-5498.16	0.0	-13.19	0.0	0.0	0.0
42	143	0.0	0.0	-5.90e-03	0.0	0.0	-6087.57	0.0	27.42	0.0	-1.182e+04	0.0
		0.0	-1.182e+04	-0.07	0.0	431.0	-5117.82	0.0	27.42	0.0	0.0	0.0
42	154	0.0	5963.59	-0.01	0.0	0.0	-6400.00	0.0	-13.84	0.0	5963.59	0.0
		0.0	0.0	0.02	0.0	431.0	-5430.25	0.0	-13.84	0.0	0.0	0.0
42	155	0.0	0.0	-7.44e-03	0.0	0.0	-6155.48	0.0	28.07	0.0	-1.210e+04	0.0
		0.0	-1.210e+04	-0.07	0.0	431.0	-5185.73	0.0	28.07	0.0	0.0	0.0

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
46	2	0.0	0.0	0.02	0.0	0.0	-2929.59	0.0	188.99	0.0	-9.090e+04	0.0
		0.0	-9.090e+04	-0.08	0.0	481.0	-1522.67	0.0	188.99	0.0	0.0	0.0
46	36	0.0	0.0	0.02	0.0	0.0	-3085.84	0.0	199.23	0.0	-9.583e+04	0.0
		0.0	-9.583e+04	-0.07	0.0	481.0	-1678.92	0.0	199.23	0.0	0.0	0.0
46	45	0.0	0.0	0.02	0.0	0.0	-2999.16	0.0	191.72	0.0	-9.222e+04	0.0
		0.0	-9.222e+04	-0.08	0.0	481.0	-1592.23	0.0	191.72	0.0	0.0	0.0
46	55	0.0	0.0	0.02	0.0	0.0	-3074.30	0.0	203.10	0.0	-9.769e+04	0.0
		0.0	-9.769e+04	-0.09	0.0	481.0	-1667.38	0.0	203.10	0.0	0.0	0.0
46	89	0.0	0.0	0.01	0.0	0.0	-2246.46	0.0	141.39	0.0	-6.801e+04	0.0
		0.0	-6.801e+04	-0.03	0.0	481.0	-1164.21	0.0	141.39	0.0	0.0	0.0
46	109	0.0	0.0	0.02	0.0	0.0	-2254.01	0.0	124.67	0.0	-5.997e+04	0.0
		0.0	-5.997e+04	-0.08	0.0	481.0	-1171.76	0.0	124.67	0.0	0.0	0.0
46	112	0.0	0.0	8.58e-03	0.0	0.0	-2348.28	0.0	168.18	0.0	-8.090e+04	0.0
		0.0	-8.090e+04	0.04	0.0	481.0	-1266.03	0.0	168.18	0.0	0.0	0.0
46	117	0.0	0.0	0.03	0.0	0.0	-2266.47	0.0	117.39	0.0	-5.646e+04	0.0
		0.0	-5.646e+04	-0.07	0.0	481.0	-1184.22	0.0	117.39	0.0	0.0	0.0
46	120	0.0	0.0	4.22e-04	0.0	0.0	-2335.82	0.0	175.46	0.0	-8.440e+04	0.0
		0.0	-8.440e+04	0.04	0.0	481.0	-1253.57	0.0	175.46	0.0	0.0	0.0
46	141	0.0	0.0	0.02	0.0	0.0	-2248.23	0.0	120.75	0.0	-5.808e+04	0.0
		0.0	-5.808e+04	-0.08	0.0	481.0	-1165.98	0.0	120.75	0.0	0.0	0.0
46	144	0.0	0.0	7.67e-03	0.0	0.0	-2354.05	0.0	172.10	0.0	-8.278e+04	0.0
		0.0	-8.278e+04	0.05	0.0	481.0	-1271.80	0.0	172.10	0.0	0.0	0.0
46	149	0.0	0.0	0.03	0.0	0.0	-2264.10	0.0	111.89	0.0	-5.382e+04	0.0
		0.0	-5.382e+04	-0.08	0.0	481.0	-1181.85	0.0	111.89	0.0	0.0	0.0
46	152	0.0	0.0	-2.15e-03	0.0	0.0	-2338.19	0.0	180.96	0.0	-8.704e+04	0.0
		0.0	-8.704e+04	0.05	0.0	481.0	-1255.94	0.0	180.96	0.0	0.0	0.0
47	45	0.0	0.0	2.73e-03	0.0	0.0	-435.95	0.0	209.46	0.0	-9.254e+04	0.0
		0.0	-9.254e+04	-0.08	0.0	441.8	856.32	0.0	209.46	0.0	0.0	0.0
47	56	0.0	0.0	-1.10e-03	0.0	0.0	-400.25	0.0	226.10	0.0	-9.989e+04	0.0
		0.0	-9.989e+04	-0.09	0.0	441.8	892.01	0.0	226.10	0.0	0.0	0.0
47	65	0.0	0.0	1.60e-03	0.0	0.0	-531.12	0.0	211.49	0.0	-9.344e+04	0.0
		0.0	-9.344e+04	-0.10	0.0	441.8	761.15	0.0	211.49	0.0	0.0	0.0
47	76	0.0	0.0	-4.17e-03	0.0	0.0	-326.73	0.0	223.26	0.0	-9.864e+04	0.0
		0.0	-9.864e+04	-0.06	0.0	441.8	965.53	0.0	223.26	0.0	0.0	0.0
47	87	0.0	0.0	-3.73e-03	0.0	0.0	-361.86	0.0	214.57	0.0	-9.480e+04	0.0
		0.0	-9.480e+04	-0.06	0.0	441.8	930.40	0.0	214.57	0.0	0.0	0.0
47	100	0.0	0.0	5.68e-03	0.0	0.0	-299.77	0.0	165.60	0.0	-7.316e+04	0.0
		0.0	-7.316e+04	-0.05	0.0	441.8	694.28	0.0	165.60	0.0	0.0	0.0
47	110	0.0	0.0	-6.10e-03	0.0	0.0	-267.20	0.0	166.89	0.0	-7.373e+04	0.0
		0.0	-7.373e+04	-0.04	0.0	441.8	726.85	0.0	166.89	0.0	0.0	0.0
47	111	0.0	0.0	3.12e-03	0.0	0.0	-416.15	0.0	152.87	0.0	-6.754e+04	0.0
		0.0	-6.754e+04	-0.08	0.0	441.8	577.90	0.0	152.87	0.0	0.0	0.0
47	116	0.0	0.0	-1.44e-03	0.0	0.0	-258.33	0.0	169.05	0.0	-7.469e+04	0.0
		0.0	-7.469e+04	-0.04	0.0	441.8	735.72	0.0	169.05	0.0	0.0	0.0
47	117	0.0	0.0	-5.20e-04	0.0	0.0	-436.05	0.0	151.39	0.0	-6.688e+04	0.0
		0.0	-6.688e+04	-0.08	0.0	441.8	558.00	0.0	151.39	0.0	0.0	0.0
47	120	0.0	0.0	-2.47e-03	0.0	0.0	-247.29	0.0	168.37	0.0	-7.439e+04	0.0
		0.0	-7.439e+04	-0.04	0.0	441.8	746.76	0.0	168.37	0.0	0.0	0.0
47	127	0.0	0.0	9.11e-03	0.0	0.0	-352.39	0.0	160.62	0.0	-7.096e+04	0.0
		0.0	-7.096e+04	-0.06	0.0	441.8	641.66	0.0	160.62	0.0	0.0	0.0
47	142	0.0	0.0	-6.92e-03	0.0	0.0	-252.51	0.0	168.14	0.0	-7.428e+04	0.0
		0.0	-7.428e+04	-0.04	0.0	441.8	741.54	0.0	168.14	0.0	0.0	0.0
47	143	0.0	0.0	3.94e-03	0.0	0.0	-430.84	0.0	151.62	0.0	-6.699e+04	0.0
		0.0	-6.699e+04	-0.08	0.0	441.8	563.21	0.0	151.62	0.0	0.0	0.0
47	148	0.0	0.0	-1.31e-03	0.0	0.0	-241.96	0.0	170.38	0.0	-7.528e+04	0.0
		0.0	-7.528e+04	-0.04	0.0	441.8	752.09	0.0	170.38	0.0	0.0	0.0
47	149	0.0	0.0	-3.66e-04	0.0	0.0	-454.62	0.0	150.24	0.0	-6.638e+04	0.0
		0.0	-6.638e+04	-0.08	0.0	441.8	539.43	0.0	150.24	0.0	0.0	0.0
47	152	0.0	0.0	-2.62e-03	0.0	0.0	-228.73	0.0	169.52	0.0	-7.489e+04	0.0
		0.0	-7.489e+04	-0.04	0.0	441.8	765.32	0.0	169.52	0.0	0.0	0.0
Pilas.		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		0.0	-9.989e+04	-0.10	0.0		-9299.83	0.0	-274.76	0.0		
		0.0	1.184e+05	0.26	0.0		5805.91	0.0	226.10	0.0		

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
1	2	2.148e+06	2.513e+04	-0.08	-1.996e+04	0.0	-1.913e+04	2.300e+04	-207.63	2.575e+04	2.513e+04	0.0
		0.0	-9125.38	0.01	0.0	165.0	-1.913e+04	3035.05	-207.63	2.575e+04	-9125.38	2.148e+06
1	26	1.564e+06	1.846e+04	-0.06	-1.509e+04	0.0	-1.007e+04	1.703e+04	-157.95	1.995e+04	1.846e+04	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		0.0	-7597.65	5.27e-03	0.0	165.0	-1.007e+04	1935.70	-157.95	1.995e+04	-7597.65	1.564e+06
1	55	2.479e+06	1.812e+04	-0.09	-2.284e+04	0.0	-1.371e+04	2.645e+04	-166.47	2.300e+04	1.812e+04	0.0
		0.0	-9347.91	5.12e-03	0.0	165.0	-1.371e+04	3606.71	-166.47	2.300e+04	-9347.91	2.479e+06
1	60	1.961e+06	1.464e+04	-0.07	-1.797e+04	0.0	-1.055e+04	2.087e+04	-132.30	1.799e+04	1.464e+04	0.0
		0.0	-7185.95	3.87e-03	0.0	165.0	-1.055e+04	2904.75	-132.30	1.799e+04	-7185.95	1.961e+06
1	86	2.074e+06	2.881e+04	-0.07	-1.996e+04	0.0	-1.326e+04	2.255e+04	-236.01	2.911e+04	2.881e+04	0.0
		0.0	-1.013e+04	0.01	0.0	165.0	-1.326e+04	2590.76	-236.01	2.911e+04	-1.013e+04	2.074e+06
1	88	2.270e+06	2.890e+04	-0.08	-2.140e+04	0.0	-1.342e+04	2.446e+04	-235.72	2.929e+04	2.890e+04	0.0
		0.0	-9992.06	0.01	0.0	165.0	-1.342e+04	3057.41	-235.72	2.929e+04	-9992.06	2.270e+06
1	95	1.774e+06	7315.11	-0.06	-1.524e+04	0.0	-8719.65	1.837e+04	212.05	-638.49	-2.816e+04	0.0
		0.0	-2.816e+04	3.53e-03	0.0	165.0	-8719.65	3128.33	212.05	-638.49	7315.11	1.774e+06
1	101	1.460e+06	-1.082e+04	-0.06	-1.524e+04	0.0	-1.230e+04	1.647e+04	162.88	1.740e+04	-2.205e+04	0.0
		0.0	-2.205e+04	4.13e-03	0.0	165.0	-1.230e+04	1227.76	162.88	1.740e+04	-1.082e+04	1.460e+06
1	104	1.714e+06	5.591e+04	-0.06	-1.524e+04	0.0	-8193.73	1.801e+04	-459.82	2.102e+04	5.591e+04	0.0
		0.0	-4316.32	6.48e-03	0.0	165.0	-8193.73	2765.65	-459.82	2.102e+04	-4316.32	1.714e+06
1	113	1.619e+06	6561.04	-0.06	-1.524e+04	0.0	-1.147e+04	1.743e+04	422.41	-1.044e+04	-5.922e+04	0.0
		0.0	-5.922e+04	-4.29e-03	0.0	165.0	-1.147e+04	2193.17	422.41	-1.044e+04	6561.04	1.619e+06
1	118	1.467e+06	1.254e+05	-0.05	-1.524e+04	0.0	-1.140e+04	1.651e+04	-999.80	6.814e+04	1.254e+05	0.0
		0.0	-3.982e+04	0.02	0.0	165.0	-1.140e+04	1268.18	-999.80	6.814e+04	-3.982e+04	1.467e+06
1	119	1.707e+06	2.468e+04	-0.06	-1.524e+04	0.0	-9088.53	1.797e+04	702.86	-2.972e+04	-9.155e+04	0.0
		0.0	-9.155e+04	-0.01	0.0	165.0	-9088.53	2725.24	702.86	-2.972e+04	2.468e+04	1.707e+06
1	127	1.799e+06	1.024e+04	-0.06	-1.524e+04	0.0	-8363.16	1.852e+04	283.98	-4554.30	-3.713e+04	0.0
		0.0	-3.713e+04	3.17e-03	0.0	165.0	-8363.16	3280.63	283.98	-4554.30	1.024e+04	1.799e+06
1	138	1.394e+06	3.202e+04	-0.05	-1.524e+04	0.0	-1.266e+04	1.607e+04	-247.42	4.503e+04	3.202e+04	0.0
		0.0	-2.797e+04	0.01	0.0	165.0	-1.266e+04	829.03	-247.42	4.503e+04	-2.797e+04	1.394e+06
1	139	1.779e+06	1.284e+04	-0.06	-1.524e+04	0.0	-7830.70	1.840e+04	-49.52	-6611.94	1836.36	0.0
		0.0	1836.36	-2.88e-03	0.0	165.0	-7830.70	3164.38	-49.52	-6611.94	1.284e+04	1.779e+06
1	145	1.608e+06	9302.69	-0.06	-1.524e+04	0.0	-1.154e+04	1.736e+04	535.42	-1.621e+04	-7.428e+04	0.0
		0.0	-7.428e+04	-6.25e-03	0.0	165.0	-1.154e+04	2122.73	535.42	-1.621e+04	9302.69	1.608e+06
1	150	1.462e+06	1.469e+05	-0.05	-1.524e+04	0.0	-1.150e+04	1.648e+04	-1168.72	7.776e+04	1.469e+05	0.0
		0.0	-4.619e+04	0.02	0.0	165.0	-1.150e+04	1242.10	-1168.72	7.776e+04	-4.619e+04	1.462e+06
1	151	1.711e+06	3.106e+04	-0.06	-1.524e+04	0.0	-8992.70	1.799e+04	871.78	-3.934e+04	-1.130e+05	0.0
		0.0	-1.130e+05	-0.01	0.0	165.0	-8992.70	2751.32	871.78	-3.934e+04	3.106e+04	1.711e+06
2	2	8.486e+04	3.639e+05	-0.07	-4114.25	0.0	-3.865e+04	2057.13	-2205.72	0.0	3.639e+05	0.0
		0.0	0.0	0.01	0.0	165.0	-3.865e+04	-2057.13	-2205.72	0.0	0.0	0.0
2	3	9.555e+04	3.556e+05	-0.06	-4632.89	0.0	-3.926e+04	2316.45	-2155.24	0.0	3.556e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.926e+04	-2316.45	-2155.24	0.0	0.0	0.0
2	36	9.555e+04	3.558e+05	-0.06	-4632.89	0.0	-3.926e+04	2316.45	-2156.60	0.0	3.558e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.926e+04	-2316.45	-2156.60	0.0	0.0	0.0
2	56	9.555e+04	3.555e+05	-0.06	-4632.89	0.0	-3.930e+04	2316.45	-2154.71	0.0	3.555e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.930e+04	-2316.45	-2154.71	0.0	0.0	0.0
2	71	6.963e+04	2.726e+05	-0.05	-3375.96	0.0	-3.022e+04	1687.98	-1652.02	0.0	2.726e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.022e+04	-1687.98	-1652.02	0.0	0.0	0.0
2	89	6.428e+04	2.758e+05	-0.05	-3116.64	0.0	-3.009e+04	1558.32	-1671.53	0.0	2.758e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.009e+04	-1558.32	-1671.53	0.0	0.0	0.0
2	97	6.484e+04	2.860e+05	-0.05	-3143.87	0.0	-3.197e+04	1571.93	-1733.35	0.0	2.860e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.197e+04	-1571.93	-1733.35	0.0	0.0	0.0
2	98	6.484e+04	2.933e+05	-0.05	-3143.87	0.0	-3.124e+04	1571.93	-1777.34	0.0	2.933e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.124e+04	-1571.93	-1777.34	0.0	0.0	0.0
2	100	6.484e+04	2.631e+05	-0.05	-3143.87	0.0	-2.833e+04	1571.93	-1594.41	0.0	2.631e+05	0.0
		0.0	0.0	0.01	0.0	165.0	-2.833e+04	-1571.93	-1594.41	0.0	0.0	0.0
2	110	6.484e+04	2.897e+05	-0.05	-3143.87	0.0	-2.971e+04	1571.93	-1755.69	0.0	2.897e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-2.971e+04	-1571.93	-1755.69	0.0	0.0	0.0
2	117	6.484e+04	2.670e+05	-0.05	-3143.87	0.0	-3.181e+04	1571.93	-1618.00	0.0	2.670e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.181e+04	-1571.93	-1618.00	0.0	0.0	0.0
2	121	6.484e+04	2.667e+05	-0.05	-3143.87	0.0	-3.179e+04	1571.93	-1616.45	0.0	2.667e+05	0.0
		0.0	0.0	-9.66e-03	0.0	165.0	-3.179e+04	-1571.93	-1616.45	0.0	0.0	0.0
2	129	6.484e+04	2.884e+05	-0.05	-3143.87	0.0	-3.234e+04	1571.93	-1747.69	0.0	2.884e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.234e+04	-1571.93	-1747.69	0.0	0.0	0.0
2	130	6.484e+04	2.970e+05	-0.05	-3143.87	0.0	-3.146e+04	1571.93	-1799.87	0.0	2.970e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.146e+04	-1571.93	-1799.87	0.0	0.0	0.0
2	132	6.484e+04	2.607e+05	-0.05	-3143.87	0.0	-2.797e+04	1571.93	-1580.06	0.0	2.607e+05	0.0
		0.0	0.0	0.01	0.0	165.0	-2.797e+04	-1571.93	-1580.06	0.0	0.0	0.0
2	142	6.484e+04	2.926e+05	-0.05	-3143.87	0.0	-2.962e+04	1571.93	-1773.26	0.0	2.926e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-2.962e+04	-1571.93	-1773.26	0.0	0.0	0.0
2	149	6.484e+04	2.656e+05	-0.05	-3143.87	0.0	-3.214e+04	1571.93	-1609.88	0.0	2.656e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.214e+04	-1571.93	-1609.88	0.0	0.0	0.0
2	153	6.484e+04	2.653e+05	-0.05	-3143.87	0.0	-3.212e+04	1571.93	-1608.02	0.0	2.653e+05	0.0
		0.0	0.0	9.51e-03	0.0	165.0	-3.212e+04	-1571.93	-1608.02	0.0	0.0	0.0
3	2	8.486e+04	0.0	-0.06	-4114.25	0.0	-4.218e+04	2057.13	2165.47	0.0	-3.573e+05	0.0
		0.0	-3.573e+05	-0.02	0.0	165.0	-4.218e+04	-2057.13	2165.47	0.0	0.0	0.0
3	3	9.555e+04	0.0	-0.05	-4632.89	0.0	-4.229e+04	2316.45	2131.33	0.0	-3.517e+05	0.0
		0.0	-3.517e+05	-0.02	0.0	165.0	-4.229e+04	-2316.45	2131.33	0.0	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
3	16	9.555e+04	0.0	-0.05	-4632.89	0.0	-4.233e+04	2316.45	2127.12	0.0	-3.510e+05	0.0
		0.0	-3.510e+05	-0.02	0.0	165.0	-4.233e+04	-2316.45	2127.12	0.0	0.0	0.0
3	49	6.428e+04	0.0	-0.04	-3116.64	0.0	-3.242e+04	1558.32	1645.06	0.0	-2.714e+05	0.0
		0.0	-2.714e+05	-0.02	0.0	165.0	-3.242e+04	-1558.32	1645.06	0.0	0.0	0.0
3	76	9.555e+04	0.0	-0.05	-4632.89	0.0	-4.232e+04	2316.45	2119.86	0.0	-3.498e+05	0.0
		0.0	-3.498e+05	-0.02	0.0	165.0	-4.232e+04	-2316.45	2119.86	0.0	0.0	0.0
3	97	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.351e+04	1571.93	1752.05	0.0	-2.891e+05	0.0
		0.0	-2.891e+05	-0.02	0.0	165.0	-3.351e+04	-1571.93	1752.05	0.0	0.0	0.0
3	106	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.426e+04	1571.93	1689.69	0.0	-2.788e+05	0.0
		0.0	-2.788e+05	-0.01	0.0	165.0	-3.426e+04	-1571.93	1689.69	0.0	0.0	0.0
3	107	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.070e+04	1571.93	1594.01	0.0	-2.630e+05	0.0
		0.0	-2.630e+05	-0.02	0.0	165.0	-3.070e+04	-1571.93	1594.01	0.0	0.0	0.0
3	111	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.135e+04	1571.93	1690.12	0.0	-2.789e+05	0.0
		0.0	-2.789e+05	-0.01	0.0	165.0	-3.135e+04	-1571.93	1690.12	0.0	0.0	0.0
3	117	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.168e+04	1571.93	1757.96	0.0	-2.901e+05	0.0
		0.0	-2.901e+05	-0.02	0.0	165.0	-3.168e+04	-1571.93	1757.96	0.0	0.0	0.0
3	120	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.328e+04	1571.93	1525.75	0.0	-2.517e+05	0.0
		0.0	-2.517e+05	-0.02	0.0	165.0	-3.328e+04	-1571.93	1525.75	0.0	0.0	0.0
3	129	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.372e+04	1571.93	1773.91	0.0	-2.927e+05	0.0
		0.0	-2.927e+05	-0.02	0.0	165.0	-3.372e+04	-1571.93	1773.91	0.0	0.0	0.0
3	138	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.461e+04	1571.93	1699.56	0.0	-2.804e+05	0.0
		0.0	-2.804e+05	-0.01	0.0	165.0	-3.461e+04	-1571.93	1699.56	0.0	0.0	0.0
3	139	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.035e+04	1571.93	1584.15	0.0	-2.614e+05	0.0
		0.0	-2.614e+05	-0.02	0.0	165.0	-3.035e+04	-1571.93	1584.15	0.0	0.0	0.0
3	143	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.113e+04	1571.93	1699.21	0.0	-2.804e+05	0.0
		0.0	-2.804e+05	-0.01	0.0	165.0	-3.113e+04	-1571.93	1699.21	0.0	0.0	0.0
3	149	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.152e+04	1571.93	1780.73	0.0	-2.938e+05	0.0
		0.0	-2.938e+05	-0.02	0.0	165.0	-3.152e+04	-1571.93	1780.73	0.0	0.0	0.0
3	152	6.484e+04	0.0	-0.04	-3143.87	0.0	-3.343e+04	1571.93	1502.98	0.0	-2.480e+05	0.0
		0.0	-2.480e+05	-0.02	0.0	165.0	-3.343e+04	-1571.93	1502.98	0.0	0.0	0.0
4	2	1.639e+04	6.581e+04	2.56e-03	-799.50	0.0	-4.440e+04	399.75	-779.58	853.42	6.581e+04	0.0
		0.0	-6.777e+04	-0.01	0.0	164.0	-4.440e+04	-399.75	-779.58	853.42	-6.777e+04	0.0
4	16	1.639e+04	4.884e+04	5.32e-04	-799.50	0.0	-4.544e+04	399.75	-729.40	538.84	4.884e+04	0.0
		0.0	-7.676e+04	-0.02	0.0	164.0	-4.544e+04	-399.75	-729.40	538.84	-7.676e+04	0.0
4	28	1.261e+04	3.774e+04	-3.35e-04	-615.00	0.0	-3.483e+04	307.50	-560.85	358.00	3.774e+04	0.0
		0.0	-5.877e+04	-0.01	0.0	164.0	-3.483e+04	-307.50	-560.85	358.00	-5.877e+04	0.0
4	45	1.639e+04	4.833e+04	1.76e-03	-799.50	0.0	-4.590e+04	399.75	-727.05	565.57	4.833e+04	0.0
		0.0	-7.690e+04	-0.02	0.0	164.0	-4.590e+04	-399.75	-727.05	565.57	-7.690e+04	0.0
4	88	1.639e+04	5.232e+04	5.69e-04	-799.50	0.0	-4.562e+04	399.75	-821.42	501.06	5.232e+04	0.0
		0.0	-8.900e+04	-0.01	0.0	164.0	-4.562e+04	-399.75	-821.42	501.06	-8.900e+04	0.0
4	94	1.261e+04	3.995e+04	-1.40e-03	-615.00	0.0	-3.409e+04	307.50	-580.09	572.65	3.995e+04	0.0
		0.0	-5.915e+04	-0.02	0.0	164.0	-3.409e+04	-307.50	-580.09	572.65	-5.915e+04	0.0
4	95	1.261e+04	3.452e+04	3.05e-03	-615.00	0.0	-3.605e+04	307.50	-535.10	157.47	3.452e+04	0.0
		0.0	-5.834e+04	-9.27e-03	0.0	164.0	-3.605e+04	-307.50	-535.10	157.47	-5.834e+04	0.0
4	116	1.261e+04	5.051e+04	1.37e-03	-615.00	0.0	-3.516e+04	307.50	-671.57	623.95	5.051e+04	0.0
		0.0	-6.448e+04	-3.39e-03	0.0	164.0	-3.516e+04	-307.50	-671.57	623.95	-6.448e+04	0.0
4	119	1.261e+04	2.767e+04	1.12e-03	-615.00	0.0	-3.528e+04	307.50	-460.23	-303.69	2.767e+04	0.0
		0.0	-5.244e+04	-0.01	0.0	164.0	-3.528e+04	-307.50	-460.23	-303.69	-5.244e+04	0.0
4	124	1.261e+04	4.805e+04	1.89e-03	-615.00	0.0	-3.541e+04	307.50	-666.55	941.28	4.805e+04	0.0
		0.0	-6.597e+04	-0.01	0.0	164.0	-3.541e+04	-307.50	-666.55	941.28	-6.597e+04	0.0
4	126	1.261e+04	4.055e+04	-1.80e-03	-615.00	0.0	-3.389e+04	307.50	-585.45	586.21	4.055e+04	0.0
		0.0	-5.932e+04	-0.02	0.0	164.0	-3.389e+04	-307.50	-585.45	586.21	-5.932e+04	0.0
4	127	1.261e+04	3.392e+04	3.45e-03	-615.00	0.0	-3.625e+04	307.50	-529.74	143.90	3.392e+04	0.0
		0.0	-5.817e+04	-8.69e-03	0.0	164.0	-3.625e+04	-307.50	-529.74	143.90	-5.817e+04	0.0
4	148	1.261e+04	5.317e+04	1.60e-03	-615.00	0.0	-3.517e+04	307.50	-694.12	636.31	5.317e+04	0.0
		0.0	-6.554e+04	-1.60e-03	0.0	164.0	-3.517e+04	-307.50	-694.12	636.31	-6.554e+04	0.0
4	151	1.261e+04	2.572e+04	1.20e-03	-615.00	0.0	-3.532e+04	307.50	-440.61	-414.48	2.572e+04	0.0
		0.0	-5.119e+04	-0.01	0.0	164.0	-3.532e+04	-307.50	-440.61	-414.48	-5.119e+04	0.0
4	156	1.261e+04	5.023e+04	2.08e-03	-615.00	0.0	-3.547e+04	307.50	-688.23	1039.41	5.023e+04	0.0
		0.0	-6.736e+04	-0.01	0.0	164.0	-3.547e+04	-307.50	-688.23	1039.41	-6.736e+04	0.0
5	25	-7.031e+04	-1.691e+05	0.01	-618.75	0.0	-4.336e+04	4895.21	1147.54	-1193.00	-3.636e+05	-9.156e+05
		-9.156e+05	-3.636e+05	0.02	0.0	165.0	-4.336e+04	4276.46	1147.54	-1193.00	-1.691e+05	-7.031e+04
5	72	-8.103e+04	-1.754e+05	0.01	-618.75	0.0	-4.287e+04	4704.21	1112.09	-430.73	-3.630e+05	-8.948e+05
		-8.948e+05	-3.630e+05	0.02	0.0	165.0	-4.287e+04	4085.46	1112.09	-430.73	-1.754e+05	-8.103e+04
5	85	-8.472e+04	-2.234e+05	0.02	-804.38	0.0	-5.647e+04	6498.33	1513.12	-1460.34	-4.791e+05	-1.208e+06
		-1.208e+06	-4.791e+05	0.03	0.0	165.0	-5.647e+04	5693.96	1513.12	-1460.34	-2.234e+05	-8.472e+04
5	86	-8.414e+04	-2.247e+05	0.02	-804.38	0.0	-5.641e+04	6477.46	1522.31	-638.49	-4.814e+05	-1.207e+06
		-1.207e+06	-4.814e+05	0.03	0.0	165.0	-5.641e+04	5673.08	1522.31	-638.49	-2.247e+05	-8.414e+04
5	90	-6.212e+04	-1.728e+05	0.02	-618.75	0.0	-4.345e+04	5017.18	1181.95	-283.16	-3.719e+05	-9.332e+05
		-9.332e+05	-3.719e+05	0.02	0.0	165.0	-4.345e+04	4398.43	1181.95	-283.16	-1.728e+05	-6.212e+04
5	117	-9.907e+04	-1.647e+05	-0.01	-618.75	0.0	-4.508e+04	4492.73	1248.57	607.87	-3.770e+05	-8.794e+05
		-8.794e+05	-3.770e+05	0.03	0.0	165.0	-4.508e+04	3873.98	1248.57	607.87	-1.647e+05	-9.907e+04
5	118	-4.145e+04	-1.806e+05	0.02	-618.75	0.0	-4.123e+04	5293.88	1003.62	-1950.50	-3.525e+05	-9.540e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-9.540e+05	-3.525e+05	0.02	0.0	165.0	-4.123e+04	4675.13	1003.62	-1950.50	-1.806e+05	-4.145e+04
5	119	-1.020e+05	-1.667e+05	-0.01	-618.75	0.0	-4.522e+04	4446.12	1277.69	536.84	-3.799e+05	-8.746e+05
		-8.746e+05	-3.799e+05	0.03	0.0	165.0	-4.522e+04	3827.37	1277.69	536.84	-1.667e+05	-1.020e+05
5	149	-1.046e+05	-1.630e+05	-0.01	-618.75	0.0	-4.545e+04	4416.58	1269.51	867.07	-3.791e+05	-8.724e+05
		-8.724e+05	-3.791e+05	0.03	0.0	165.0	-4.545e+04	3797.83	1269.51	867.07	-1.630e+05	-1.046e+05
5	150	-3.532e+04	-1.819e+05	0.02	-618.75	0.0	-4.082e+04	5379.34	976.86	-2201.30	-3.498e+05	-9.620e+05
		-9.620e+05	-3.498e+05	0.02	0.0	165.0	-4.082e+04	4760.59	976.86	-2201.30	-1.819e+05	-3.532e+04
5	151	-1.081e+05	-1.654e+05	-0.01	-618.75	0.0	-4.562e+04	4360.66	1304.45	787.64	-3.825e+05	-8.666e+05
		-8.666e+05	-3.825e+05	0.03	0.0	165.0	-4.562e+04	3741.91	1304.45	787.64	-1.654e+05	-1.081e+05
6	2	8.383e+04	1.673e+05	0.03	-4089.32	0.0	-2.395e+04	2044.66	-1019.89	0.0	1.673e+05	0.0
		0.0	0.0	-9.51e-03	0.0	164.0	-2.395e+04	-2044.66	-1019.89	0.0	0.0	0.0
6	16	9.440e+04	1.595e+05	0.03	-4604.81	0.0	-2.482e+04	2302.41	-972.29	0.0	1.595e+05	0.0
		0.0	0.0	-0.01	0.0	164.0	-2.482e+04	-2302.41	-972.29	0.0	0.0	0.0
6	47	8.911e+04	1.583e+05	0.03	-4347.07	0.0	-2.503e+04	2173.53	-964.96	0.0	1.583e+05	0.0
		0.0	0.0	-0.01	0.0	164.0	-2.503e+04	-2173.53	-964.96	0.0	0.0	0.0
6	67	8.911e+04	1.536e+05	0.03	-4347.07	0.0	-2.495e+04	2173.53	-936.28	0.0	1.536e+05	0.0
		0.0	0.0	-0.01	0.0	164.0	-2.495e+04	-2173.53	-936.28	0.0	0.0	0.0
6	89	6.350e+04	1.293e+05	0.02	-3097.75	0.0	-1.902e+04	1548.88	-788.65	0.0	1.293e+05	0.0
		0.0	0.0	-7.34e-03	0.0	164.0	-1.902e+04	-1548.88	-788.65	0.0	0.0	0.0
6	90	6.350e+04	1.291e+05	0.02	-3097.75	0.0	-1.901e+04	1548.88	-787.15	0.0	1.291e+05	0.0
		0.0	0.0	-7.37e-03	0.0	164.0	-1.901e+04	-1548.88	-787.15	0.0	0.0	0.0
6	96	6.406e+04	1.211e+05	0.02	-3124.81	0.0	-1.976e+04	1562.41	-738.44	0.0	1.211e+05	0.0
		0.0	0.0	-4.33e-03	0.0	164.0	-1.976e+04	-1562.41	-738.44	0.0	0.0	0.0
6	110	6.406e+04	1.592e+05	0.02	-3124.81	0.0	-1.740e+04	1562.41	-970.90	0.0	1.592e+05	0.0
		0.0	0.0	-6.55e-03	0.0	164.0	-1.740e+04	-1562.41	-970.90	0.0	0.0	0.0
6	111	6.406e+04	8.498e+04	0.02	-3124.81	0.0	-2.084e+04	1562.41	-518.15	0.0	8.498e+04	0.0
		0.0	0.0	-0.01	0.0	164.0	-2.084e+04	-1562.41	-518.15	0.0	0.0	0.0
6	118	6.406e+04	1.542e+05	0.02	-3124.81	0.0	-1.782e+04	1562.41	-940.41	0.0	1.542e+05	0.0
		0.0	0.0	-0.01	0.0	164.0	-1.782e+04	-1562.41	-940.41	0.0	0.0	0.0
6	121	6.406e+04	9.590e+04	0.02	-3124.81	0.0	-1.981e+04	1562.41	-584.76	0.0	9.590e+04	0.0
		0.0	0.0	-5.84e-03	0.0	164.0	-1.981e+04	-1562.41	-584.76	0.0	0.0	0.0
6	127	6.406e+04	9.657e+04	0.02	-3124.81	0.0	-2.090e+04	1562.41	-588.82	0.0	9.657e+04	0.0
		0.0	0.0	-5.16e-03	0.0	164.0	-2.090e+04	-1562.41	-588.82	0.0	0.0	0.0
6	142	6.406e+04	1.667e+05	0.02	-3124.81	0.0	-1.705e+04	1562.41	-1016.29	0.0	1.667e+05	0.0
		0.0	0.0	-6.32e-03	0.0	164.0	-1.705e+04	-1562.41	-1016.29	0.0	0.0	0.0
6	143	6.406e+04	7.753e+04	0.02	-3124.81	0.0	-2.119e+04	1562.41	-472.76	0.0	7.753e+04	0.0
		0.0	0.0	-0.01	0.0	164.0	-2.119e+04	-1562.41	-472.76	0.0	0.0	0.0
6	150	6.406e+04	1.607e+05	0.02	-3124.81	0.0	-1.756e+04	1562.41	-979.72	0.0	1.607e+05	0.0
		0.0	0.0	-0.01	0.0	164.0	-1.756e+04	-1562.41	-979.72	0.0	0.0	0.0
6	153	6.406e+04	9.064e+04	0.02	-3124.81	0.0	-1.995e+04	1562.41	-552.71	0.0	9.064e+04	0.0
		0.0	0.0	-5.38e-03	0.0	164.0	-1.995e+04	-1562.41	-552.71	0.0	0.0	0.0
7	2	4.507e+04	-6.076e+04	-3.82e-03	-603.29	0.0	430.47	1165.15	1215.68	-6483.16	-2.112e+05	-7.530e+04
		-7.530e+04	-2.112e+05	-0.02	0.0	123.8	430.47	561.86	1215.68	-6483.16	-6.076e+04	4.507e+04
7	45	2.144e+04	-5.175e+04	-1.19e-03	-603.29	0.0	-1638.40	1095.90	1487.46	-1.142e+04	-2.358e+05	-8.593e+04
		-8.593e+04	-2.358e+05	-0.02	0.0	123.8	-1638.40	492.62	1487.46	-1.142e+04	-5.175e+04	2.144e+04
7	46	3.972e+04	-5.172e+04	-3.19e-03	-603.29	0.0	-1498.27	1316.15	1472.53	-7574.44	-2.339e+05	-1.016e+05
		-1.016e+05	-2.339e+05	-0.02	0.0	123.8	-1498.27	712.86	1472.53	-7574.44	-5.172e+04	3.972e+04
7	65	2.183e+04	-5.263e+04	-1.19e-03	-603.29	0.0	-1633.49	1072.05	1510.87	-1.101e+04	-2.396e+05	-8.240e+04
		-8.240e+04	-2.396e+05	-0.03	0.0	123.8	-1633.49	468.77	1510.87	-1.101e+04	-5.263e+04	2.183e+04
7	80	3.666e+04	-3.927e+04	-2.17e-03	-464.07	0.0	-1064.21	990.17	1107.07	-4177.74	-1.763e+05	-7.004e+04
		-7.004e+04	-1.763e+05	-0.02	0.0	123.8	-1064.21	526.10	1107.07	-4177.74	-3.927e+04	3.666e+04
7	97	3.252e+04	-3.851e+04	-1.85e-03	-464.07	0.0	-1811.47	865.43	1207.51	-6099.56	-1.853e+05	-5.719e+04
		-5.719e+04	-1.853e+05	-0.02	0.0	123.8	-1811.47	401.37	1207.51	-6099.56	-3.851e+04	3.252e+04
7	100	2.089e+04	-4.108e+04	-2.21e-03	-464.07	0.0	-525.36	1012.61	1061.53	-6999.85	-1.751e+05	-8.482e+04
		-8.482e+04	-1.751e+05	-0.01	0.0	123.8	-525.36	548.54	1061.53	-6999.85	-4.108e+04	2.089e+04
7	101	3.299e+04	-3.766e+04	-1.40e-03	-464.07	0.0	-1589.50	850.76	1276.50	-6681.99	-1.959e+05	-5.450e+04
		-5.450e+04	-1.959e+05	-0.02	0.0	123.8	-1589.50	386.69	1276.50	-6681.99	-3.766e+04	3.299e+04
7	107	1.542e+04	-4.039e+04	-2.56e-03	-464.07	0.0	-796.39	1015.66	1031.24	-7567.20	-1.651e+05	-9.283e+04
		-9.283e+04	-1.651e+05	-0.02	0.0	123.8	-796.39	551.59	1031.24	-7567.20	-4.039e+04	1.542e+04
7	113	2.250e+04	-3.661e+04	-1.48e-03	-464.07	0.0	-1367.89	892.74	1254.13	-8514.89	-1.925e+05	-7.173e+04
		-7.173e+04	-1.925e+05	-0.02	0.0	123.8	-1367.89	428.68	1254.13	-8514.89	-3.661e+04	2.250e+04
7	118	3.933e+04	-4.193e+04	-1.91e-03	-464.07	0.0	-1270.70	935.45	1108.05	-4543.49	-1.885e+05	-5.432e+04
		-5.432e+04	-1.885e+05	-0.02	0.0	123.8	-1270.70	471.38	1108.05	-4543.49	-4.193e+04	3.933e+04
7	129	3.370e+04	-3.830e+04	-1.80e-03	-464.07	0.0	-1941.52	850.76	1220.40	-6004.62	-1.864e+05	-5.438e+04
		-5.438e+04	-1.864e+05	-0.02	0.0	123.8	-1941.52	386.69	1220.40	-6004.62	-3.830e+04	3.370e+04
7	132	1.970e+04	-4.129e+04	-2.26e-03	-464.07	0.0	-395.31	1027.28	1048.64	-7094.79	-1.740e+05	-8.763e+04
		-8.763e+04	-1.740e+05	-0.01	0.0	123.8	-395.31	563.22	1048.64	-7094.79	-4.129e+04	1.970e+04
7	133	3.427e+04	-3.724e+04	-1.26e-03	-464.07	0.0	-1673.49	833.08	1304.48	-6704.10	-1.989e+05	-5.115e+04
		-5.115e+04	-1.989e+05	-0.02	0.0	123.8	-1673.49	369.02	1304.48	-6704.10	-3.724e+04	3.427e+04
7	139	1.315e+04	-4.051e+04	-2.67e-03	-464.07	0.0	-722.02	1031.14	1009.08	-7765.71	-1.622e+05	-9.720e+04
		-9.720e+04	-1.622e+05	-0.02	0.0	123.8	-722.02	567.07	1009.08	-7765.71	-4.051e+04	1.315e+04
7	145	2.171e+04	-3.598e+04	-1.34e-03	-464.07	0.0	-1407.21	883.53	1276.15	-8895.71	-1.947e+05	-7.178e+04
		-7.178e+04	-1.947e+05	-0.03	0.0	123.8	-1407.21	419.46	1276.15	-8895.71	-3.598e+04	2.171e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
7	150	4.182e+04	-4.236e+04	-1.90e-03	-464.07	0.0	-1291.68	934.34	1107.09	-4161.60	-1.898e+05	-5.105e+04
		-5.105e+04	-1.898e+05	-0.02	0.0	123.8	-1291.68	470.28	1107.09	-4161.60	-4.236e+04	4.182e+04
8	2	4.998e+04	-6.076e+04	2.59e-03	-688.59	0.0	1.190e+04	-23.01	-1857.64	1.820e+04	-6.076e+04	4.998e+04
		-6157.97	-3.231e+05	0.02	0.0	141.2	1.190e+04	-711.60	-1857.64	1.820e+04	-3.231e+05	-6157.97
8	20	4.141e+04	-3.928e+04	3.06e-03	-529.68	0.0	9102.67	-66.54	-1115.26	1.227e+04	-3.928e+04	4.141e+04
		-9992.80	-1.968e+05	7.80e-03	0.0	141.2	9102.67	-596.22	-1115.26	1.227e+04	-1.968e+05	-9992.80
8	65	3.001e+04	-5.263e+04	2.49e-03	-688.59	0.0	1.201e+04	252.71	-1485.36	1.645e+04	-5.263e+04	2.436e+04
		9007.36	-2.624e+05	0.01	0.0	141.2	1.201e+04	-435.88	-1485.36	1.645e+04	-2.624e+05	9007.36
8	80	4.098e+04	-3.927e+04	2.93e-03	-529.68	0.0	8766.44	-48.94	-1125.03	1.274e+04	-3.927e+04	4.098e+04
		-7738.29	-1.982e+05	8.38e-03	0.0	141.2	8766.44	-578.62	-1125.03	1.274e+04	-1.982e+05	-7738.29
8	92	4.033e+04	-3.939e+04	2.26e-03	-529.68	0.0	8648.44	-21.79	-1129.67	1.316e+04	-3.939e+04	4.033e+04
		-4234.26	-1.990e+05	8.69e-03	0.0	141.2	8648.44	-551.47	-1129.67	1.316e+04	-1.990e+05	-4234.26
8	106	2.100e+04	-3.919e+04	2.46e-03	-529.68	0.0	1.013e+04	-1.49	-1156.16	1.150e+04	-3.919e+04	2.100e+04
		-1.946e+04	-1.970e+05	8.79e-03	0.0	141.2	1.013e+04	-531.17	-1156.16	1.150e+04	-1.970e+05	-1.946e+04
8	107	4.268e+04	-4.039e+04	1.25e-03	-529.68	0.0	7840.62	187.66	-1103.77	1.404e+04	-4.039e+04	3.897e+04
		2.513e+04	-2.018e+05	7.38e-03	0.0	141.2	7840.62	-342.02	-1103.77	1.404e+04	-2.018e+05	2.513e+04
8	113	3.014e+04	-3.661e+04	2.28e-03	-529.68	0.0	1.010e+04	126.64	-1099.62	1.345e+04	-3.661e+04	2.868e+04
		6058.97	-1.909e+05	-6.28e-03	0.0	141.2	1.010e+04	-403.05	-1099.62	1.345e+04	-1.909e+05	6058.97
8	116	3.150e+04	-4.298e+04	1.42e-03	-529.68	0.0	7872.10	59.53	-1160.31	1.209e+04	-4.298e+04	3.129e+04
		-389.58	-2.079e+05	0.01	0.0	141.2	7872.10	-470.15	-1160.31	1.209e+04	-2.079e+05	-389.58
8	138	1.920e+04	-3.907e+04	2.58e-03	-529.68	0.0	1.035e+04	-20.48	-1161.01	1.125e+04	-3.907e+04	1.920e+04
		-2.394e+04	-1.964e+05	8.94e-03	0.0	141.2	1.035e+04	-550.17	-1161.01	1.125e+04	-1.964e+05	-2.394e+04
8	139	4.535e+04	-4.051e+04	1.13e-03	-529.68	0.0	7623.57	206.66	-1098.92	1.430e+04	-4.051e+04	4.077e+04
		2.960e+04	-2.024e+05	7.25e-03	0.0	141.2	7623.57	-323.03	-1098.92	1.430e+04	-2.024e+05	2.960e+04
8	145	2.997e+04	-3.598e+04	2.39e-03	-529.68	0.0	1.030e+04	132.96	-1093.72	1.358e+04	-3.598e+04	2.835e+04
		6621.42	-1.892e+05	-7.39e-03	0.0	141.2	1.030e+04	-396.72	-1093.72	1.358e+04	-1.892e+05	6621.42
8	148	3.177e+04	-4.360e+04	1.32e-03	-529.68	0.0	7673.69	53.21	-1166.21	1.196e+04	-4.360e+04	3.162e+04
		-952.03	-2.096e+05	0.01	0.0	141.2	7673.69	-476.47	-1166.21	1.196e+04	-2.096e+05	-952.03
9	2	9.080e+04	-1.162e+05	0.01	-572.81	0.0	-1.310e+04	-532.60	1497.82	-4806.69	-2.922e+05	9.080e+04
		-1.497e+04	-2.922e+05	9.97e-03	0.0	117.5	-1.310e+04	-1105.41	1497.82	-4806.69	-1.162e+05	-1.497e+04
9	65	1.080e+05	-1.104e+05	0.01	-572.81	0.0	-1.331e+04	-856.81	1109.87	-6838.63	-2.408e+05	1.080e+05
		-3.902e+04	-2.408e+05	6.74e-03	0.0	117.5	-1.331e+04	-1429.62	1109.87	-6838.63	-1.104e+05	-3.902e+04
9	72	6.854e+04	-8.517e+04	7.80e-03	-440.63	0.0	-9883.33	-336.23	849.57	-2079.03	-1.850e+05	6.854e+04
		-2690.39	-1.850e+05	5.15e-03	0.0	117.5	-9883.33	-776.86	849.57	-2079.03	-8.517e+04	-2690.39
9	75	9.526e+04	-1.081e+05	9.83e-03	-572.81	0.0	-1.381e+04	-766.85	1080.64	-7108.56	-2.351e+05	9.526e+04
		-3.999e+04	-2.351e+05	7.04e-03	0.0	117.5	-1.381e+04	-1339.66	1080.64	-7108.56	-1.081e+05	-3.999e+04
9	85	1.045e+05	-1.078e+05	0.01	-572.81	0.0	-1.416e+04	-836.51	1105.57	-7929.63	-2.377e+05	1.045e+05
		-3.977e+04	-2.377e+05	7.16e-03	0.0	117.5	-1.416e+04	-1409.32	1105.57	-7929.63	-1.078e+05	-3.977e+04
9	91	7.605e+04	-8.262e+04	7.61e-03	-440.63	0.0	-1.092e+04	-611.91	845.20	-6032.35	-1.819e+05	7.605e+04
		-3.081e+04	-1.819e+05	5.57e-03	0.0	117.5	-1.092e+04	-1052.54	845.20	-6032.35	-8.262e+04	-3.081e+04
9	110	6.243e+04	-8.549e+04	5.19e-03	-440.63	0.0	-1.141e+04	-425.07	922.12	-4614.35	-1.938e+05	6.243e+04
		-2.110e+04	-1.938e+05	7.87e-03	0.0	117.5	-1.141e+04	-865.70	922.12	-4614.35	-8.549e+04	-2.110e+04
9	111	8.944e+04	-8.209e+04	0.01	-440.63	0.0	-9537.08	-564.51	761.22	-3533.11	-1.716e+05	8.944e+04
		-1.034e+04	-1.716e+05	-7.57e-03	0.0	117.5	-9537.08	-1005.14	761.22	-3533.11	-8.209e+04	-1.034e+04
9	116	6.464e+04	-8.479e+04	6.58e-03	-440.63	0.0	-1.166e+04	-438.75	938.65	-5064.57	-1.951e+05	6.464e+04
		-2.038e+04	-1.951e+05	8.00e-03	0.0	117.5	-1.166e+04	-879.38	938.65	-5064.57	-8.479e+04	-2.038e+04
9	117	8.330e+04	-8.242e+04	9.42e-03	-440.63	0.0	-9090.94	-530.56	763.36	-3021.32	-1.722e+05	8.330e+04
		-1.254e+04	-1.722e+05	5.36e-03	0.0	117.5	-9090.94	-971.18	763.36	-3021.32	-8.242e+04	-1.254e+04
9	120	6.857e+04	-8.516e+04	7.05e-03	-440.63	0.0	-1.186e+04	-459.03	919.98	-5126.14	-1.931e+05	6.857e+04
		-1.890e+04	-1.931e+05	5.25e-03	0.0	117.5	-1.186e+04	-899.66	919.98	-5126.14	-8.516e+04	-1.890e+04
9	123	8.551e+04	-8.172e+04	0.01	-440.63	0.0	-9338.80	-544.24	779.89	-3471.54	-1.736e+05	8.551e+04
		-1.182e+04	-1.736e+05	5.47e-03	0.0	117.5	-9338.80	-984.86	779.89	-3471.54	-8.172e+04	-1.182e+04
9	142	6.009e+04	-8.582e+04	4.61e-03	-440.63	0.0	-1.160e+04	-413.74	938.44	-4637.58	-1.960e+05	6.009e+04
		-2.209e+04	-1.960e+05	8.43e-03	0.0	117.5	-1.160e+04	-854.37	938.44	-4637.58	-8.582e+04	-2.209e+04
9	143	9.178e+04	-8.175e+04	0.01	-440.63	0.0	-9351.92	-575.84	744.90	-3509.89	-1.694e+05	9.178e+04
		-9354.93	-1.694e+05	-8.55e-03	0.0	117.5	-9351.92	-1016.47	744.90	-3509.89	-8.175e+04	-9354.93
9	148	6.265e+04	-8.498e+04	6.26e-03	-440.63	0.0	-1.190e+04	-429.14	958.17	-5172.70	-1.976e+05	6.265e+04
		-2.124e+04	-1.976e+05	8.58e-03	0.0	117.5	-1.190e+04	-869.76	958.17	-5172.70	-8.498e+04	-2.124e+04
9	149	8.451e+04	-8.215e+04	9.64e-03	-440.63	0.0	-8813.07	-535.95	747.97	-2860.10	-1.701e+05	8.451e+04
		-1.196e+04	-1.701e+05	5.37e-03	0.0	117.5	-8813.07	-976.57	747.97	-2860.10	-8.215e+04	-1.196e+04
9	152	6.736e+04	-8.543e+04	6.83e-03	-440.63	0.0	-1.214e+04	-453.64	935.37	-5287.37	-1.952e+05	6.736e+04
		-1.948e+04	-1.952e+05	5.25e-03	0.0	117.5	-1.214e+04	-894.26	935.37	-5287.37	-8.543e+04	-1.948e+04
9	155	8.707e+04	-8.131e+04	0.01	-440.63	0.0	-9110.93	-551.34	767.70	-3395.22	-1.718e+05	8.707e+04
		-1.111e+04	-1.718e+05	5.51e-03	0.0	117.5	-9110.93	-991.97	767.70	-3395.22	-8.131e+04	-1.111e+04
10	2	-3.429e+04	-1.162e+05	-8.24e-03	-836.06	0.0	-2.197e+04	-1956.44	-2237.64	-6487.35	-1.162e+05	-3.429e+04
		-5.031e+05	-4.999e+05	0.05	0.0	171.5	-2.197e+04	-2792.50	-2237.64	-6487.35	-4.999e+05	-5.031e+05
10	52	-1.749e+04	-8.374e+04	-5.60e-03	-643.13	0.0	-1.728e+04	-1522.17	-1698.49	-5743.13	-8.374e+04	-1.749e+04
		-3.824e+05	-3.750e+05	0.03	0.0	171.5	-1.728e+04	-2165.29	-1698.49	-5743.13	-3.750e+05	-3.824e+05
10	66	-3.113e+04	-1.104e+05	-7.28e-03	-836.06	0.0	-2.219e+04	-1986.30	-2232.17	-6189.79	-1.104e+05	-3.113e+04
		-5.057e+05	-4.932e+05	0.04	0.0	171.5	-2.219e+04	-2822.36	-2232.17	-6189.79	-4.932e+05	-5.057e+05
10	72	-1.818e+04	-8.517e+04	-5.57e-03	-643.13	0.0	-1.696e+04	-1549.69	-1723.83	-6050.80	-8.517e+04	-1.818e+04
		-3.888e+05	-3.808e+05	0.03	0.0	171.5	-1.696e+04	-2192.82	-1723.83	-6050.80	-3.808e+05	-3.888e+05
10	85	-5.619e+04	-1.078e+05	-0.01	-836.06	0.0	-2.272e+04	-1763.59	-2182.87	-1740.35	-1.078e+05	-5.619e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-4.826e+05	-4.822e+05	0.04	0.0	171.5	-2.272e+04	-2599.65	-2182.87	-1740.35	-4.822e+05	-4.826e+05
10	91	-4.325e+04	-8.262e+04	-9.32e-03	-643.13	0.0	-1.749e+04	-1326.98	-1674.54	-1601.36	-8.262e+04	-4.325e+04
		-3.657e+05	-3.698e+05	0.03	0.0	171.5	-1.749e+04	-1970.11	-1674.54	-1601.36	-3.698e+05	-3.657e+05
10	98	-2.772e+04	-8.544e+04	-0.01	-643.12	0.0	-1.668e+04	-1460.75	-1665.06	-4344.92	-8.544e+04	-2.772e+04
		-3.797e+05	-3.710e+05	0.03	0.0	171.5	-1.668e+04	-2103.88	-1665.06	-4344.92	-3.710e+05	-3.797e+05
10	99	-3.202e+04	-8.213e+04	6.22e-03	-643.13	0.0	-1.787e+04	-1485.33	-1730.27	-2775.10	-8.213e+04	-3.202e+04
		-3.863e+05	-3.789e+05	0.04	0.0	171.5	-1.787e+04	-2128.45	-1730.27	-2775.10	-3.789e+05	-3.863e+05
10	110	-2.527e+04	-8.549e+04	-0.01	-643.13	0.0	-1.699e+04	-1457.21	-1651.68	-4630.26	-8.549e+04	-2.527e+04
		-3.757e+05	-3.687e+05	0.04	0.0	171.5	-1.699e+04	-2100.33	-1651.68	-4630.26	-3.687e+05	-3.757e+05
10	111	-3.447e+04	-8.209e+04	6.38e-03	-643.12	0.0	-1.756e+04	-1488.88	-1743.64	-2489.76	-8.209e+04	-3.447e+04
		-3.902e+05	-3.811e+05	0.03	0.0	171.5	-1.756e+04	-2132.00	-1743.64	-2489.76	-3.811e+05	-3.902e+05
10	123	-2.707e+04	-8.172e+04	5.72e-03	-643.13	0.0	-1.758e+04	-1482.57	-1750.50	-2304.44	-8.172e+04	-2.707e+04
		-3.786e+05	-3.820e+05	0.03	0.0	171.5	-1.758e+04	-2125.70	-1750.50	-2304.44	-3.820e+05	-3.786e+05
10	130	-2.726e+04	-8.577e+04	-0.01	-643.13	0.0	-1.656e+04	-1458.97	-1658.45	-4462.39	-8.577e+04	-2.726e+04
		-3.789e+05	-3.702e+05	0.03	0.0	171.5	-1.656e+04	-2102.09	-1658.45	-4462.39	-3.702e+05	-3.789e+05
10	131	-3.248e+04	-8.181e+04	6.73e-03	-643.13	0.0	-1.799e+04	-1487.11	-1736.87	-2657.63	-8.181e+04	-3.248e+04
		-3.870e+05	-3.797e+05	0.04	0.0	171.5	-1.799e+04	-2130.24	-1736.87	-2657.63	-3.797e+05	-3.870e+05
10	142	-2.476e+04	-8.582e+04	-0.01	-643.13	0.0	-1.694e+04	-1455.34	-1642.38	-4786.44	-8.582e+04	-2.476e+04
		-3.748e+05	-3.675e+05	0.04	0.0	171.5	-1.694e+04	-2098.47	-1642.38	-4786.44	-3.675e+05	-3.748e+05
10	143	-3.498e+04	-8.175e+04	6.90e-03	-643.13	0.0	-1.762e+04	-1490.74	-1752.94	-2333.58	-8.175e+04	-3.498e+04
		-3.911e+05	-3.824e+05	0.03	0.0	171.5	-1.762e+04	-2133.86	-1752.94	-2333.58	-3.824e+05	-3.911e+05
10	155	-2.697e+04	-8.131e+04	6.13e-03	-643.12	0.0	-1.764e+04	-1483.24	-1761.18	-2098.73	-8.131e+04	-2.697e+04
		-3.784e+05	-3.834e+05	0.03	0.0	171.5	-1.764e+04	-2126.36	-1761.18	-2098.73	-3.834e+05	-3.784e+05
11	21	1.251e+04	7174.32	-4.20e-03	-482.63	0.0	832.27	223.38	136.88	-2450.60	838.06	3593.07
		491.03	838.06	-2.65e-03	0.0	172.9	983.62	-259.25	136.88	-2450.60	7174.32	491.03
11	55	1.338e+04	5180.96	-5.37e-03	-482.63	0.0	769.22	219.72	126.27	-1437.44	-2418.34	4746.12
		1012.63	-2418.34	-3.75e-03	0.0	172.9	920.58	-262.90	126.27	-1437.44	5180.96	1012.63
11	66	1.276e+04	4989.81	-5.75e-03	-482.63	0.0	584.69	222.40	158.61	-1618.65	-6050.20	3923.51
		653.17	-6050.20	-3.69e-03	0.0	172.9	736.04	-260.22	158.61	-1618.65	4989.81	653.17
11	70	9871.81	3608.00	-4.79e-03	-371.25	0.0	392.21	170.73	129.27	-1138.77	-5998.41	3099.23
		523.78	-5998.41	-2.84e-03	0.0	172.9	508.63	-200.52	129.27	-1138.77	3608.00	523.78
11	87	1.175e+04	6310.29	-2.25e-03	-482.63	0.0	1007.85	228.44	90.31	-2419.64	4952.51	2434.93
		208.71	4952.51	-2.62e-03	0.0	172.9	1159.20	-254.19	90.31	-2419.64	6310.29	208.71
11	90	8418.34	4969.70	-9.67e-04	-371.25	0.0	764.05	179.04	72.18	-2118.38	4084.52	962.91
		-175.67	4084.52	-1.74e-03	0.0	172.9	880.48	-192.21	72.18	-2118.38	4969.70	-175.67
11	94	9249.42	5167.76	1.60e-03	-371.25	0.0	701.36	174.32	100.12	-2207.18	1352.86	2210.96
		238.45	1352.86	1.61e-03	0.0	172.9	817.79	-196.93	100.12	-2207.18	5167.76	238.45
11	95	9379.31	4144.96	-6.97e-03	-371.25	0.0	510.39	173.16	111.45	-1262.40	-2910.91	2415.70
		276.89	-2910.91	-7.16e-03	0.0	172.9	626.81	-198.09	111.45	-1262.40	4144.96	276.89
11	111	9734.49	1535.96	-0.01	-371.25	0.0	544.64	166.64	114.30	-547.51	-5547.02	3269.13
		-8.53	-5547.02	-0.01	0.0	172.9	661.07	-204.61	114.30	-547.51	1535.96	-8.53
11	113	9794.97	1171.92	-0.01	-371.25	0.0	592.24	165.23	112.34	-637.18	-5095.23	3439.32
		-89.10	-5095.23	-0.01	0.0	172.9	708.66	-206.02	112.34	-637.18	1171.92	-89.10
11	116	8920.61	8140.79	6.54e-03	-371.25	0.0	619.51	182.25	99.23	-2832.39	3537.17	1187.34
		604.44	3537.17	7.17e-03	0.0	172.9	735.93	-189.00	99.23	-2832.39	8140.79	604.44
11	126	9234.14	5304.51	2.45e-03	-371.25	0.0	720.47	174.48	99.06	-2300.02	1719.47	2183.18
		235.66	1719.47	2.51e-03	0.0	172.9	836.89	-196.77	99.06	-2300.02	5304.51	235.66
11	127	9396.15	4008.20	-7.82e-03	-371.25	0.0	491.28	172.99	112.51	-1169.56	-3277.52	2443.48
		279.68	-3277.52	-8.05e-03	0.0	172.9	607.70	-198.26	112.51	-1169.56	4008.20	279.68
11	145	9889.68	481.56	-0.01	-371.25	0.0	590.01	163.54	113.55	-416.41	-5940.61	3661.69
		-158.52	-5940.61	-0.01	0.0	172.9	706.44	-207.71	113.55	-416.41	481.56	-158.52
11	147	9792.22	1018.38	-0.01	-371.25	0.0	536.69	165.71	115.79	-293.45	-6467.26	3398.94
		-43.45	-6467.26	-0.02	0.0	172.9	653.12	-205.54	115.79	-293.45	1018.38	-43.45
11	148	8844.13	8831.15	8.38e-03	-371.25	0.0	621.74	183.93	98.01	-3053.17	4382.55	964.97
		673.86	4382.55	9.20e-03	0.0	172.9	738.16	-187.32	98.01	-3053.17	8831.15	673.86
12	15	9506.54	4068.12	-4.88e-03	-438.75	0.0	1814.43	219.22	27.03	-135.63	1134.70	897.33
		872.54	1134.70	-3.96e-03	0.0	157.2	1952.02	-219.53	27.03	-135.63	4068.12	872.54
12	21	9237.55	4551.76	-4.94e-03	-438.75	0.0	1699.62	220.97	25.80	-132.64	1709.23	490.50
		490.50	1709.23	-3.78e-03	0.0	157.2	1837.21	-217.78	25.80	-132.64	4551.76	741.40
12	51	7030.78	267.33	-4.19e-03	-337.50	0.0	1323.39	170.57	23.20	-355.55	-1184.16	255.51
		255.51	-1184.16	-4.19e-03	0.0	157.2	1429.23	-166.93	23.20	-355.55	267.33	542.06
12	55	9539.04	3055.94	-6.39e-03	-438.75	0.0	1767.34	218.17	19.07	-87.32	903.83	1011.91
		822.97	903.83	-5.07e-03	0.0	157.2	1904.94	-220.58	19.07	-87.32	3055.94	822.97
12	70	7125.41	2036.33	-5.54e-03	-337.50	0.0	1217.19	168.37	5.28	10.82	1160.95	523.14
		463.67	1160.95	-4.65e-03	0.0	157.2	1323.03	-169.13	5.28	10.82	2036.33	463.67
12	90	6817.20	3080.51	-1.12e-03	-337.50	0.0	1265.06	173.34	33.39	-285.32	11.86	-175.65
		-175.65	11.86	-1.31e-03	0.0	157.2	1370.90	-164.16	33.39	-285.32	3080.51	546.06
12	106	6993.52	1739.81	-1.55e-03	-337.50	0.0	1312.29	171.24	21.37	-168.30	-318.06	166.57
		166.57	-318.06	-4.33e-03	0.0	157.2	1418.13	-166.26	21.37	-168.30	1739.81	556.47
12	107	7064.18	3415.27	-6.11e-03	-337.50	0.0	1243.65	169.82	18.91	-175.04	1639.79	347.99
		347.99	1639.79	-2.15e-03	0.0	157.2	1349.49	-167.68	18.91	-175.04	3415.27	516.36
12	113	6802.55	2680.69	-0.01	-337.50	0.0	1592.44	172.16	17.77	-247.97	958.43	-90.04
		-90.04	958.43	-0.04	0.0	157.2	1698.28	-165.34	17.77	-247.97	2680.69	431.15

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
12	116	7255.14	2474.40	4.86e-03	-337.50	0.0	963.50	168.89	22.51	-95.37	363.30	604.61
		604.61	363.30	0.03	0.0	157.2	1069.34	-168.61	22.51	-95.37	2474.40	641.68
12	138	6986.23	1572.29	-1.24e-03	-337.50	0.0	1319.64	171.38	21.61	-167.96	-514.92	148.23
		148.23	-514.92	-4.55e-03	0.0	157.2	1425.48	-166.12	21.61	-167.96	1572.29	560.23
12	139	7071.47	3582.79	-6.61e-03	-337.50	0.0	1236.29	169.68	18.67	-175.38	1836.65	366.33
		366.33	1836.65	-1.93e-03	0.0	157.2	1342.13	-167.82	18.67	-175.38	3582.79	512.60
12	145	6758.96	2693.17	-0.01	-337.50	0.0	1653.80	172.49	17.30	-260.21	1011.46	-159.58
		-159.58	1011.46	-0.05	0.0	157.2	1759.64	-165.01	17.30	-260.21	2693.17	413.49
12	148	7298.74	2461.91	6.56e-03	-337.50	0.0	902.14	168.56	22.98	-83.13	310.27	674.14
		659.34	310.27	0.04	0.0	157.2	1007.98	-168.94	22.98	-83.13	2461.91	659.34
13	15	9904.86	-2169.75	-5.64e-03	-365.63	0.0	199.71	186.83	-15.72	-1618.48	-2169.75	3654.70
		3654.70	-4075.89	-4.32e-03	0.0	131.0	314.37	-178.80	-15.72	-1618.48	-4075.89	4180.58
13	49	6659.94	2432.32	-4.42e-03	-281.25	0.0	82.54	134.41	-49.33	-482.73	2432.32	2461.69
		1647.09	-1748.55	-6.77e-04	0.0	131.0	170.74	-146.84	-49.33	-482.73	-1748.55	1647.09
13	56	9737.82	-1216.36	-6.45e-03	-365.63	0.0	271.31	187.14	17.47	-1869.84	-1529.36	3467.67
		3467.67	-1529.36	-3.42e-03	0.0	131.0	385.97	-178.49	17.47	-1869.84	-1216.36	4033.53
13	87	9177.36	-484.51	-2.93e-03	-365.63	0.0	-16.16	176.69	-117.38	-584.74	-484.51	3591.48
		2788.80	-9231.12	-4.77e-03	0.0	131.0	98.50	-188.94	-117.38	-584.74	-9231.12	2788.80
13	89	6741.93	39.54	-1.62e-03	-281.25	0.0	-96.05	132.06	-111.59	64.57	39.54	2697.75
		1575.00	-7940.65	-3.92e-03	0.0	131.0	-7.85	-149.19	-111.59	64.57	-7940.65	1575.00
13	90	6696.19	-2.41	-1.20e-03	-281.25	0.0	-88.47	131.89	-106.76	24.95	-2.41	2662.82
		1518.45	-7649.92	-3.86e-03	0.0	131.0	-0.27	-149.36	-106.76	24.95	-7649.92	1518.45
13	110	7695.04	-4218.13	5.78e-03	-281.25	0.0	-321.63	144.28	-54.04	587.74	-4218.13	2857.49
		2857.49	-1.092e+04	7.93e-04	0.0	131.0	-233.43	-136.97	-54.04	587.74	-1.092e+04	3321.47
13	111	6475.47	6829.94	-0.01	-281.25	0.0	488.32	132.93	20.22	-1811.95	3209.67	2367.12
		1372.70	3209.67	-5.57e-03	0.0	131.0	576.52	-148.32	20.22	-1811.95	6829.94	1372.70
13	114	7664.66	-4096.02	5.48e-03	-281.25	0.0	-372.07	143.85	-57.77	670.90	-4096.02	2850.98
		2850.98	-1.095e+04	6.33e-04	0.0	131.0	-283.87	-137.40	-57.77	670.90	-1.095e+04	3267.23
13	115	6505.84	6857.41	-0.01	-281.25	0.0	538.77	133.36	23.95	-1895.11	3087.56	2373.63
		1426.94	3087.56	-5.27e-03	0.0	131.0	626.97	-147.89	23.95	-1895.11	6857.41	1426.94
13	142	7813.72	-4941.09	7.27e-03	-281.25	0.0	-401.68	145.37	-61.47	829.27	-4941.09	2905.07
		2905.07	-1.263e+04	1.30e-03	0.0	131.0	-313.48	-135.88	-61.47	829.27	-1.263e+04	3511.27
13	143	6356.78	8543.68	-0.02	-281.25	0.0	568.37	131.83	27.65	-2053.48	3932.63	2319.55
		1182.90	3932.63	-6.23e-03	0.0	131.0	656.57	-149.42	27.65	-2053.48	8543.68	1182.90
13	146	7776.70	-4798.01	6.90e-03	-281.25	0.0	-461.47	144.85	-65.75	922.85	-4798.01	2896.39
		2896.39	-1.269e+04	1.08e-03	0.0	131.0	-373.27	-136.40	-65.75	922.85	-1.269e+04	3445.89
13	147	6393.81	8597.66	-0.01	-281.25	0.0	628.16	132.36	31.93	-2147.06	3789.55	2328.22
		1248.28	3789.55	-5.86e-03	0.0	131.0	716.36	-148.89	31.93	-2147.06	8597.66	1248.28
14	15	1.538e+04	7074.89	-8.34e-03	-541.13	0.0	1946.74	284.92	-111.84	1752.74	7074.89	872.19
		872.19	-1719.26	-5.90e-03	0.0	193.9	2116.44	-256.21	-111.84	1752.74	-1719.26	3655.42
14	21	1.524e+04	7945.44	-8.30e-03	-541.13	0.0	1863.39	284.89	-129.64	2020.09	7945.44	741.05
		741.05	-2394.20	-6.01e-03	0.0	193.9	2033.09	-256.24	-129.64	2020.09	-2394.20	3517.95
14	50	1.153e+04	2435.77	-6.01e-03	-416.25	0.0	1193.97	218.30	-0.47	281.98	1046.75	454.52
		454.52	1046.75	-3.95e-03	0.0	193.9	1324.51	-197.95	-0.47	281.98	2435.77	2427.26
14	90	1.169e+04	5547.83	-3.26e-03	-416.25	0.0	1175.83	219.04	-84.08	1313.93	5547.83	546.01
		546.01	-1350.80	-2.83e-03	0.0	193.9	1306.37	-197.21	-84.08	1313.93	-1350.80	2662.97
14	102	1.165e+04	3649.48	-3.77e-03	-416.25	0.0	1357.23	218.55	-75.08	1673.29	3649.48	546.56
		546.56	-2311.03	-6.64e-03	0.0	193.9	1487.77	-197.70	-75.08	1673.29	-2311.03	2569.36
14	103	1.168e+04	5709.51	-9.24e-03	-416.25	0.0	1347.07	219.12	-68.59	717.54	5709.51	525.75
		525.75	1006.21	-2.16e-03	0.0	193.9	1477.61	-197.13	-68.59	717.54	1006.21	2656.30
14	113	1.145e+04	5099.35	-0.02	-416.25	0.0	1816.76	217.73	-70.58	1039.18	5099.35	430.58
		430.58	7.91	9.84e-04	0.0	193.9	1947.29	-198.52	-70.58	1039.18	7.91	2298.87
14	116	1.187e+04	4259.64	4.78e-03	-416.25	0.0	887.55	219.94	-73.09	1351.65	4259.64	641.73
		641.73	-1312.73	-9.78e-03	0.0	193.9	1018.08	-196.31	-73.09	1351.65	-1312.73	2926.79
14	117	1.144e+04	5080.91	-0.02	-416.25	0.0	1719.87	217.94	-70.73	891.26	5080.91	397.20
		397.20	-37.34	2.15e-03	0.0	193.9	1850.40	-198.31	-70.73	891.26	-37.34	2303.23
14	124	1.189e+04	4332.84	3.65e-03	-416.25	0.0	966.71	219.77	-72.88	1463.41	4332.84	674.08
		674.08	-1200.61	-0.01	0.0	193.9	1097.24	-196.48	-72.88	1463.41	-1200.61	2928.91
14	134	1.164e+04	3445.16	-3.35e-03	-416.25	0.0	1358.97	218.50	-75.73	1768.61	3445.16	548.00
		548.00	-2640.91	-7.11e-03	0.0	193.9	1489.50	-197.75	-75.73	1768.61	-2640.91	2561.34
14	135	1.168e+04	5913.83	-9.91e-03	-416.25	0.0	1345.34	219.17	-67.94	622.22	5913.83	524.31
		524.31	1336.09	-1.81e-03	0.0	193.9	1475.87	-197.08	-67.94	622.22	1336.09	2664.32
14	145	1.141e+04	5178.04	-0.02	-416.25	0.0	1906.79	217.52	-70.33	1010.47	5178.04	412.86
		412.86	134.97	2.11e-03	0.0	193.9	2037.32	-198.73	-70.33	1010.47	134.97	2239.31
14	148	1.191e+04	4180.95	6.94e-03	-416.25	0.0	797.52	220.15	-73.34	1380.36	4180.95	659.45
		659.45	-1439.79	-0.01	0.0	193.9	928.05	-196.10	-73.34	1380.36	-1439.79	2986.35
14	149	1.140e+04	5157.63	-0.02	-416.25	0.0	1789.42	217.76	-70.51	831.26	5157.63	372.58
		372.58	82.99	3.48e-03	0.0	193.9	1919.96	-198.49	-70.51	831.26	82.99	2244.92
14	156	1.193e+04	4267.04	5.57e-03	-416.25	0.0	891.91	219.95	-73.10	1516.00	4267.04	699.56
		699.56	-1307.80	-0.01	0.0	193.9	1022.45	-196.30	-73.10	1516.00	-1307.80	2989.38
15	55	3.805e+04	-2496.52	-9.26e-03	-365.63	0.0	-323.36	378.20	74.71	2340.90	-1.301e+04	1.245e+04
		1.245e+04	-1.301e+04	-5.88e-03	0.0	131.0	-208.70	12.57	74.71	2340.90	-2496.52	3.805e+04
15	69	2.777e+04	3371.18	-7.95e-03	-281.25	0.0	-187.98	271.94	143.76	2641.88	-1.277e+04	1.057e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		1.057e+04	-1.277e+04	-4.52e-03	0.0	131.0	-99.78	-9.31	143.76	2641.88	3371.18	2.777e+04
15	72	2.921e+04	3000.51	-7.74e-03	-281.25	0.0	-139.47	281.39	144.04	2723.28	-1.321e+04	1.077e+04
		1.077e+04	-1.321e+04	-4.52e-03	0.0	131.0	-51.27	0.14	144.04	2723.28	3000.51	2.921e+04
15	85	3.082e+04	-5933.28	-5.18e-03	-365.63	0.0	-1041.92	357.75	-160.51	-1065.70	-5933.28	7901.26
		7901.26	-1.866e+04	-4.55e-03	0.0	131.0	-927.26	-7.88	-160.51	-1065.70	-1.866e+04	3.082e+04
15	88	3.226e+04	-6379.66	-5.06e-03	-365.63	0.0	-993.40	367.21	-160.23	-984.29	-6379.66	8106.07
		8106.07	-1.903e+04	-4.56e-03	0.0	131.0	-878.74	1.58	-160.23	-984.29	-1.903e+04	3.226e+04
15	90	2.267e+04	-3988.31	-3.11e-03	-281.25	0.0	-915.81	272.26	-155.12	-1332.56	-3988.31	5428.13
		5428.13	-1.700e+04	-3.18e-03	0.0	131.0	-827.61	-8.99	-155.12	-1332.56	-1.700e+04	2.267e+04
15	100	2.735e+04	-4996.99	-5.10e-03	-281.25	0.0	-484.10	297.87	-21.65	243.47	-4996.99	6735.66
		6735.66	-5746.12	-5.73e-03	0.0	131.0	-395.90	16.62	-21.65	243.47	-5746.12	2.735e+04
15	113	2.457e+04	-9513.56	-0.01	-281.25	0.0	-47.88	262.63	-35.95	2122.88	-9513.56	8566.57
		8566.57	-1.171e+04	-0.01	0.0	131.0	40.32	-18.62	-35.95	2122.88	-1.171e+04	2.449e+04
15	116	2.718e+04	681.18	1.99e-03	-281.25	0.0	-829.25	289.76	7.34	-506.67	-3636.51	7587.45
		7587.45	-3636.51	1.64e-03	0.0	131.0	-741.05	8.51	7.34	-506.67	681.18	2.718e+04
15	118	2.691e+04	-466.45	3.20e-03	-281.25	0.0	-1010.85	283.49	2.55	-105.62	-3942.50	8186.74
		8186.74	-3942.50	-7.47e-03	0.0	131.0	-922.65	2.24	2.55	-105.62	-466.45	2.691e+04
15	119	2.479e+04	-9207.56	-0.01	-281.25	0.0	133.73	268.90	-31.16	1721.83	-9207.56	7967.28
		7967.28	-1.056e+04	-1.24e-03	0.0	131.0	221.93	-12.35	-31.16	1721.83	-1.056e+04	2.476e+04
15	120	2.757e+04	-1428.06	2.22e-03	-281.25	0.0	-941.41	294.22	-4.28	-265.54	-3508.59	7430.26
		7430.26	-3508.59	-7.72e-03	0.0	131.0	-853.21	12.97	-4.28	-265.54	-1428.06	2.757e+04
15	132	2.762e+04	-4769.29	-4.98e-03	-281.25	0.0	-498.08	301.98	-23.08	150.90	-4769.29	6475.88
		6475.88	-5717.88	-6.02e-03	0.0	131.0	-409.88	20.73	-23.08	150.90	-5717.88	2.762e+04
15	145	2.435e+04	-1.007e+04	-0.01	-281.25	0.0	27.14	260.33	-40.07	2376.04	-1.007e+04	8623.16
		8623.16	-1.289e+04	-0.01	0.0	131.0	115.34	-20.92	-40.07	2376.04	-1.289e+04	2.425e+04
15	148	2.742e+04	1865.77	3.44e-03	-281.25	0.0	-904.26	292.06	11.46	-759.83	-3076.80	7530.86
		7530.86	-3076.80	2.93e-03	0.0	131.0	-816.06	10.81	11.46	-759.83	1865.77	2.742e+04
15	150	2.711e+04	457.12	4.89e-03	-281.25	0.0	-1118.74	284.66	5.67	-280.49	-3422.53	8227.98
		8227.98	-3422.53	-8.11e-03	0.0	131.0	-1030.54	3.41	5.67	-280.49	457.12	2.711e+04
15	151	2.461e+04	-9727.54	-0.02	-281.25	0.0	241.61	267.73	-34.28	1896.70	-9727.54	7926.05
		7926.05	-1.148e+04	7.87e-04	0.0	131.0	329.81	-13.52	-34.28	1896.70	-1.148e+04	2.457e+04
15	152	2.788e+04	-641.46	3.72e-03	-281.25	0.0	-1039.17	297.46	-2.46	-462.49	-2949.14	7321.69
		7321.69	-2949.14	-8.40e-03	0.0	131.0	-950.97	16.21	-2.46	-462.49	-641.46	2.788e+04
16	26	1.394e+04	3202.27	-7.78e-03	-416.25	0.0	635.95	223.81	-62.87	1082.18	3202.27	2299.87
		2299.87	-4381.63	-4.48e-03	0.0	193.9	766.49	-192.44	-62.87	1082.18	-4381.63	5340.02
16	67	1.882e+04	1.600e+04	-0.01	-541.13	0.0	1666.16	295.23	131.01	-2422.13	-2780.63	3221.18
		3221.18	-2780.63	-7.03e-03	0.0	193.9	1835.86	-245.90	131.01	-2422.13	1.600e+04	8002.96
16	75	1.984e+04	-259.96	-9.82e-03	-541.13	0.0	1067.80	300.69	-2.25	-408.80	-259.96	3647.42
		3647.42	-2272.88	-4.11e-03	0.0	193.9	1237.50	-240.44	-2.25	-408.80	-2272.88	9487.74
16	90	1.496e+04	536.30	-5.36e-03	-416.25	0.0	307.41	229.21	-45.17	396.15	536.30	2726.19
		2726.19	-7687.03	-1.99e-03	0.0	193.9	437.95	-187.04	-45.17	396.15	-7687.03	6813.35
16	95	1.419e+04	4499.95	-0.01	-416.25	0.0	1410.40	229.17	36.82	-1385.30	55.16	1948.00
		1948.00	55.16	-3.28e-03	0.0	193.9	1540.93	-187.08	36.82	-1385.30	4499.95	6050.71
16	106	1.460e+04	429.40	-5.44e-03	-416.25	0.0	418.06	224.52	27.82	141.99	-2278.12	2893.80
		2893.80	-2278.12	-6.29e-03	0.0	193.9	548.60	-191.73	27.82	141.99	429.40	6057.80
16	107	1.424e+04	5060.14	-0.01	-416.25	0.0	1331.11	229.04	37.66	-1950.94	449.91	2024.85
		2024.85	449.91	-2.05e-03	0.0	193.9	1461.64	-187.21	37.66	-1950.94	5060.14	6094.68
16	110	1.469e+04	1429.83	2.99e-03	-416.25	0.0	200.09	226.79	29.32	-1027.84	-1570.25	2733.54
		2733.54	-1570.25	-0.01	0.0	193.9	330.62	-189.46	29.32	-1027.84	1429.83	6336.59
16	118	1.468e+04	586.50	3.63e-03	-416.25	0.0	107.09	227.13	26.66	-157.62	-1896.99	2682.85
		2682.85	-1896.99	-9.96e-03	0.0	193.9	237.63	-189.12	26.66	-157.62	586.50	6349.26
16	119	1.417e+04	4903.04	-0.02	-416.25	0.0	1642.08	226.43	38.81	-1651.34	68.78	2235.79
		2235.79	68.78	1.69e-03	0.0	193.9	1772.62	-189.82	38.81	-1651.34	4903.04	5803.22
16	127	1.413e+04	4843.15	-0.01	-416.25	0.0	1515.47	229.65	37.60	-1483.26	245.65	1845.84
		1845.84	245.65	-3.09e-03	0.0	193.9	1646.00	-186.60	37.60	-1483.26	4843.15	6039.14
16	138	1.464e+04	-26.91	-4.91e-03	-416.25	0.0	327.47	224.06	26.85	350.76	-2546.89	2980.23
		2980.23	-2546.89	-6.73e-03	0.0	193.9	458.01	-192.19	26.85	350.76	-26.91	6054.07
16	139	1.421e+04	5516.45	-0.01	-416.25	0.0	1421.70	229.50	38.63	-2159.71	718.68	1938.42
		1938.42	718.68	-1.74e-03	0.0	193.9	1552.24	-186.75	38.63	-2159.71	5516.45	6098.40
16	142	1.474e+04	1187.50	5.23e-03	-416.25	0.0	68.62	226.77	28.72	-1047.28	-1694.65	2786.26
		2786.26	-1694.65	-0.01	0.0	193.9	199.15	-189.48	28.72	-1047.28	1187.50	6388.68
16	150	1.472e+04	174.27	6.00e-03	-416.25	0.0	-42.40	227.18	25.52	-16.17	-2086.70	2725.40
		2725.40	-2086.70	-0.01	0.0	193.9	88.14	-189.07	25.52	-16.17	174.27	6403.00
16	151	1.412e+04	5315.27	-0.02	-416.25	0.0	1791.57	226.38	39.96	-1792.78	258.49	2193.24
		2193.24	258.49	2.87e-03	0.0	193.9	1922.11	-189.87	39.96	-1792.78	5315.27	5749.48
17	25	1.206e+04	1810.10	-5.06e-03	-371.25	0.0	629.29	158.37	13.92	487.96	-1495.85	6223.39
		1510.76	-1495.85	-4.12e-04	0.0	172.9	745.71	-212.88	13.92	487.96	1810.10	1510.76
17	28	1.244e+04	2016.16	-4.46e-03	-371.25	0.0	704.55	156.42	23.95	202.78	-2084.23	6754.66
		1703.45	-2084.23	-4.63e-04	0.0	172.9	820.97	-214.83	23.95	202.78	2016.16	1703.45
17	36	1.778e+04	-2893.84	-6.25e-03	-482.63	0.0	1181.20	193.55	10.24	2328.16	-9766.12	1.109e+04
		2834.64	-9766.12	-4.45e-03	0.0	172.9	1332.55	-289.08	10.24	2328.16	-2893.84	2834.64
17	67	1.869e+04	-1733.47	-8.88e-03	-482.63	0.0	967.35	187.53	-31.92	1382.20	-1746.69	1.240e+04
		3095.71	-1746.69	-5.82e-03	0.0	172.9	1118.70	-295.10	-31.92	1382.20	-1733.47	3095.71

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
17	88	1.514e+04	-2017.48	-3.90e-03	-482.63	0.0	1081.50	210.37	41.04	2864.45	-1.330e+04	7214.72
		1863.74	-1.330e+04	-1.80e-03	0.0	172.9	1232.85	-272.26	41.04	2864.45	-2017.48	1863.74
17	90	1.076e+04	-1677.55	-2.47e-03	-371.25	0.0	785.15	167.13	33.45	2578.22	-1.112e+04	4254.85
		1057.16	-1.112e+04	-9.23e-04	0.0	172.9	901.58	-204.12	33.45	2578.22	-1677.55	1057.16
17	113	1.355e+04	2225.00	-0.01	-371.25	0.0	1081.31	137.38	-13.42	185.61	170.39	9153.33
		809.56	170.39	-0.01	0.0	172.9	1197.73	-233.87	-13.42	185.61	2225.00	809.56
17	116	1.206e+04	-5529.24	4.15e-03	-371.25	0.0	451.00	170.57	9.14	3527.72	-1.144e+04	5304.51
		2701.38	-1.144e+04	9.08e-03	0.0	172.9	567.43	-200.68	9.14	3527.72	-5529.24	2701.38
17	118	1.190e+04	-5050.86	4.66e-03	-371.25	0.0	251.29	177.54	4.18	2674.41	-9719.46	4569.82
		3173.37	-9719.46	-7.38e-03	0.0	172.9	367.71	-193.71	4.18	2674.41	-5050.86	3173.37
17	119	1.383e+04	1746.62	-0.01	-371.25	0.0	1281.02	130.41	-8.45	1038.93	-1547.76	9888.02
		337.57	-1547.76	1.86e-03	0.0	172.9	1397.45	-240.84	-8.45	1038.93	1746.62	337.57
17	145	1.371e+04	2978.86	-0.02	-371.25	0.0	1144.53	134.11	-15.61	-150.21	1298.54	9531.25
		621.36	1298.54	-0.02	0.0	172.9	1260.95	-237.14	-15.61	-150.21	2978.86	621.36
17	148	1.193e+04	-6283.10	5.92e-03	-371.25	0.0	387.78	173.84	11.33	3863.55	-1.257e+04	4926.58
		2889.59	-1.257e+04	0.01	0.0	172.9	504.20	-197.41	11.33	3863.55	-6283.10	2889.59
17	150	1.178e+04	-5694.61	6.52e-03	-371.25	0.0	147.72	182.19	5.42	2837.86	-1.053e+04	4047.71
		3456.09	-1.053e+04	-8.32e-03	0.0	172.9	264.15	-189.06	5.42	2837.86	-5694.61	3456.09
17	151	1.407e+04	2390.37	-0.02	-371.25	0.0	1384.58	125.76	-9.69	875.48	-732.26	1.041e+04
		54.86	-732.26	2.80e-03	0.0	172.9	1501.01	-245.49	-9.69	875.48	2390.37	54.86
18	49	8866.70	2093.91	-6.55e-03	-337.50	0.0	1441.27	173.11	-37.09	754.52	2093.91	1892.07
		1892.07	-1215.14	-4.33e-03	0.0	157.2	1547.11	-164.39	-37.09	754.52	-1215.14	2577.34
18	55	1.188e+04	2637.50	-9.43e-03	-438.75	0.0	2130.52	221.27	-23.06	429.22	2637.50	3106.37
		3106.37	917.81	-5.44e-03	0.0	157.2	2268.11	-217.48	-23.06	429.22	917.81	3403.56
18	68	1.176e+04	1820.34	-9.97e-03	-438.75	0.0	2180.23	220.37	-11.56	142.56	1820.34	3061.07
		3061.07	1128.20	-5.90e-03	0.0	157.2	2317.82	-218.38	-11.56	142.56	1128.20	3218.01
18	88	1.137e+04	5573.31	-4.48e-03	-438.75	0.0	1365.51	230.58	-66.85	1557.02	5573.31	1863.55
		1863.55	-162.45	-3.39e-03	0.0	157.2	1503.10	-208.17	-66.85	1557.02	-162.45	3624.74
18	89	8542.46	4639.53	-3.26e-03	-337.50	0.0	848.87	179.17	-59.04	1426.10	4639.53	1091.18
		1091.18	-375.51	-2.29e-03	0.0	157.2	954.71	-158.33	-59.04	1426.10	-375.51	2729.74
18	90	8524.36	4642.68	-2.82e-03	-337.50	0.0	853.80	179.37	-57.94	1384.31	4642.68	1057.06
		1057.06	-333.24	-2.28e-03	0.0	157.2	959.64	-158.13	-57.94	1384.31	-333.24	2726.27
18	116	9217.25	4729.39	2.49e-03	-337.50	0.0	699.33	167.08	-32.75	1127.19	4729.39	2701.32
		2469.19	1924.13	0.03	0.0	157.2	805.17	-170.42	-32.75	1127.19	1924.13	2469.19
18	118	9560.11	4078.71	3.62e-03	-337.50	0.0	387.81	165.78	-29.65	1206.25	4078.71	3173.33
		2682.89	1792.20	-8.37e-03	0.0	157.2	493.65	-171.72	-29.65	1206.25	1792.20	2682.89
18	119	7933.64	1317.66	-0.02	-337.50	0.0	2270.31	180.68	-28.81	137.66	1317.66	337.05
		337.05	-975.14	1.25e-03	0.0	157.2	2376.15	-156.82	-28.81	137.66	-975.14	2236.09
18	121	8190.68	885.75	-0.01	-337.50	0.0	2051.21	181.14	-27.13	27.28	885.75	584.64
		584.64	-1194.65	1.92e-03	0.0	157.2	2157.05	-156.36	-27.13	27.28	-1194.65	2500.49
18	148	9311.16	5127.47	4.18e-03	-337.50	0.0	575.06	165.86	-33.46	1216.23	5127.47	2889.57
		2468.75	2213.47	0.04	0.0	157.2	680.90	-171.64	-33.46	1216.23	2213.47	2468.75
18	150	9722.75	4348.18	5.50e-03	-337.50	0.0	201.39	164.27	-29.73	1313.47	4348.18	3456.10
		2725.41	2062.39	-9.35e-03	0.0	157.2	307.23	-173.23	-29.73	1313.47	2062.39	2725.41
18	151	7786.01	1048.19	-0.02	-337.50	0.0	2456.73	182.19	-28.74	30.45	1048.19	54.28
		54.28	-1245.33	2.23e-03	0.0	157.2	2562.57	-155.31	-28.74	30.45	-1245.33	2193.57
18	153	8094.55	535.95	-0.02	-337.50	0.0	2193.81	182.71	-26.72	-99.08	535.95	351.28
		351.28	-1496.83	3.03e-03	0.0	157.2	2299.65	-154.79	-26.72	-99.08	-1496.83	2511.09
19	26	2.005e+04	1.794e+04	-1.61e-03	-2122.50	0.0	-248.75	1083.97	-220.63	2171.91	1.794e+04	-1.418e+04
		-1.418e+04	-918.15	-4.15e-03	0.0	123.8	-248.75	-1038.53	-220.63	2171.91	-918.15	-1.137e+04
19	47	3.378e+04	2.146e+04	-1.97e-03	-3717.76	0.0	265.93	1889.51	-298.67	3210.90	2.146e+04	-2.562e+04
		-2.562e+04	-3732.82	-2.36e-03	0.0	123.8	265.93	-1828.25	-298.67	3210.90	-3732.82	-2.183e+04
19	56	4.082e+04	1.307e+04	-2.80e-03	-4489.84	0.0	87.02	2273.16	-230.62	3482.16	1.307e+04	-3.038e+04
		-3.038e+04	-2807.69	-5.41e-03	0.0	123.8	87.02	-2216.67	-230.62	3482.16	-2807.69	-2.689e+04
19	75	3.984e+04	3.400e+04	-3.05e-03	-4489.84	0.0	140.55	2283.53	-376.56	2048.76	3.400e+04	-3.200e+04
		-3.200e+04	-3508.26	-1.60e-03	0.0	123.8	140.55	-2206.30	-376.56	2048.76	-3508.26	-2.722e+04
19	88	3.294e+04	4.110e+04	-2.71e-03	-3717.76	0.0	142.58	1898.74	-416.05	1099.51	4.110e+04	-2.703e+04
		-2.703e+04	-3652.05	1.74e-03	0.0	123.8	142.58	-1819.02	-416.05	1099.51	-3652.05	-2.210e+04
19	94	2.075e+04	2.089e+04	-2.69e-03	-2203.56	0.0	-59.09	1123.56	-242.38	3204.30	2.089e+04	-1.472e+04
		-1.472e+04	-460.44	-3.39e-03	0.0	123.8	-59.09	-1080.00	-242.38	3204.30	-460.44	-1.196e+04
19	110	2.067e+04	2.521e+04	-2.58e-03	-2203.56	0.0	-106.21	1126.95	-269.89	4067.10	2.521e+04	-1.498e+04
		-1.498e+04	424.67	5.92e-03	0.0	123.8	-106.21	-1076.61	-269.89	4067.10	424.67	-1.184e+04
19	111	2.045e+04	7272.84	3.15e-03	-2203.56	0.0	270.85	1120.15	-166.24	439.89	7272.84	-1.476e+04
		-1.476e+04	-4825.42	-0.01	0.0	123.8	270.85	-1083.41	-166.24	439.89	-4825.42	-1.251e+04
19	124	2.055e+04	2.391e+04	-1.91e-03	-2203.56	0.0	-20.68	1128.60	-276.35	3579.24	2.391e+04	-1.518e+04
		-1.518e+04	-1025.04	-2.05e-03	0.0	123.8	-20.68	-1074.96	-276.35	3579.24	-1025.04	-1.188e+04
19	126	2.078e+04	2.165e+04	-3.01e-03	-2203.56	0.0	-86.02	1123.68	-245.83	3367.58	2.165e+04	-1.469e+04
		-1.469e+04	-132.52	-3.67e-03	0.0	123.8	-86.02	-1079.88	-245.83	3367.58	-132.52	-1.192e+04
19	142	2.069e+04	2.689e+04	-2.87e-03	-2203.56	0.0	-141.58	1127.61	-279.43	4408.93	2.689e+04	-1.500e+04
		-1.500e+04	923.68	7.60e-03	0.0	123.8	-141.58	-1075.95	-279.43	4408.93	923.68	-1.178e+04
19	143	2.043e+04	5594.35	3.62e-03	-2203.56	0.0	306.22	1119.49	-156.70	98.07	5594.35	-1.474e+04
		-1.474e+04	-5324.44	-0.01	0.0	123.8	306.22	-1084.07	-156.70	98.07	-5324.44	-1.257e+04
19	156	2.055e+04	2.537e+04	-2.05e-03	-2203.56	0.0	-39.10	1129.53	-287.40	3827.31	2.537e+04	-1.524e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-1.524e+04	-815.96	-2.03e-03	0.0	123.8	-39.10	-1074.03	-287.40	3827.31	-815.96	-1.183e+04
20	23	5.217e+04	6677.47	-4.87e-03	-4243.50	0.0	-88.18	2102.96	-206.01	6073.87	6677.47	-2.143e+04
		-2.408e+04	-6954.18	-1.96e-03	0.0	141.3	-88.18	-2140.55	-206.01	6073.87	-6954.18	-2.408e+04
20	35	6.171e+04	5395.66	-5.38e-03	-5124.76	0.0	126.21	2538.12	-204.87	6366.86	5395.66	-2.706e+04
		-3.049e+04	-7284.48	-1.13e-03	0.0	141.3	126.21	-2586.64	-204.87	6366.86	-7284.48	-3.049e+04
20	55	6.197e+04	5885.11	-5.42e-03	-5124.76	0.0	262.09	2539.32	-210.63	6479.45	5885.11	-2.689e+04
		-3.014e+04	-7233.90	-4.33e-03	0.0	141.3	262.09	-2585.44	-210.63	6479.45	-7233.90	-3.014e+04
20	65	4.246e+04	5810.49	-3.31e-03	-3362.25	0.0	415.33	1671.76	-207.80	6389.80	5810.49	-1.625e+04
		-1.757e+04	-7075.46	-6.15e-03	0.0	141.3	415.33	-1690.49	-207.80	6389.80	-7075.46	-1.757e+04
20	76	6.134e+04	4296.54	-5.88e-03	-5124.76	0.0	-159.42	2535.13	-166.48	5158.95	4296.54	-2.722e+04
		-3.107e+04	-6123.60	2.42e-03	0.0	141.3	-159.42	-2589.63	-166.48	5158.95	-6123.60	-3.107e+04
20	92	3.967e+04	2029.09	-3.94e-03	-3303.91	0.0	-328.37	1633.12	-93.57	2963.82	2029.09	-1.734e+04
		-2.000e+04	-3748.99	5.36e-03	0.0	141.3	-328.37	-1670.79	-93.57	2963.82	-3748.99	-2.000e+04
20	111	3.144e+04	6378.44	3.94e-03	-2515.17	0.0	469.90	1251.10	-148.17	2787.88	6378.44	-1.251e+04
		-1.343e+04	-2986.46	-0.01	0.0	141.3	469.90	-1264.07	-148.17	2787.88	-2986.46	-1.343e+04
20	113	3.147e+04	6821.88	-2.24e-03	-2515.17	0.0	532.07	1250.75	-149.06	2992.41	6821.88	-1.245e+04
		-1.342e+04	-2615.23	-0.01	0.0	141.3	532.07	-1264.42	-149.06	2992.41	-2615.23	-1.342e+04
20	116	3.179e+04	1555.05	-3.22e-03	-2515.17	0.0	-330.62	1247.49	-151.70	6188.37	1555.05	-1.190e+04
		-1.333e+04	-8048.32	9.91e-03	0.0	141.3	-330.62	-1267.68	-151.70	6188.37	-8048.32	-1.333e+04
20	118	3.183e+04	510.89	-4.11e-03	-2515.17	0.0	-207.94	1246.81	-146.82	6011.70	510.89	-1.182e+04
		-1.334e+04	-8479.17	5.19e-04	0.0	141.3	-207.94	-1268.36	-146.82	6011.70	-8479.17	-1.334e+04
20	121	3.147e+04	8309.47	-2.27e-03	-2515.17	0.0	471.56	1251.09	-154.83	3373.61	8309.47	-1.247e+04
		-1.340e+04	-1813.13	-1.10e-03	0.0	141.3	471.56	-1264.09	-154.83	3373.61	-1813.13	-1.340e+04
20	124	3.179e+04	67.45	-3.19e-03	-2515.17	0.0	-270.10	1247.16	-145.93	5807.17	67.45	-1.188e+04
		-1.335e+04	-8850.41	-9.88e-04	0.0	141.3	-270.10	-1268.02	-145.93	5807.17	-8850.41	-1.335e+04
20	142	3.186e+04	1559.48	-4.43e-03	-2515.17	0.0	-341.24	1246.78	-153.03	6739.24	1559.48	-1.178e+04
		-1.331e+04	-8151.74	0.01	0.0	141.3	-341.24	-1268.39	-153.03	6739.24	-8151.74	-1.331e+04
20	143	3.140e+04	6817.45	4.45e-03	-2515.17	0.0	542.69	1251.46	-147.73	2441.55	6817.45	-1.257e+04
		-1.344e+04	-2511.80	-0.02	0.0	141.3	542.69	-1263.71	-147.73	2441.55	-2511.80	-1.344e+04
20	145	3.145e+04	7319.15	2.38e-03	-2515.17	0.0	615.29	1251.05	-148.79	2682.04	7319.15	-1.250e+04
		-1.342e+04	-2097.68	-0.01	0.0	141.3	615.29	-1264.12	-148.79	2682.04	-2097.68	-1.342e+04
20	148	3.182e+04	1057.78	-3.33e-03	-2515.17	0.0	-413.83	1247.19	-151.97	6498.75	1057.78	-1.185e+04
		-1.332e+04	-8565.86	0.01	0.0	141.3	-413.83	-1267.98	-151.97	6498.75	-8565.86	-1.332e+04
20	153	3.145e+04	9094.40	2.30e-03	-2515.17	0.0	542.17	1251.45	-155.67	3141.91	9094.40	-1.253e+04
		-1.340e+04	-1142.61	-1.10e-03	0.0	141.3	542.17	-1263.72	-155.67	3141.91	-1142.61	-1.340e+04
20	156	3.182e+04	-717.48	-3.29e-03	-2515.17	0.0	-340.72	1246.80	-145.08	6038.88	-717.48	-1.183e+04
		-1.335e+04	-9520.93	-9.92e-04	0.0	141.3	-340.72	-1268.38	-145.08	6038.88	-9520.93	-1.335e+04
21	23	5.110e+04	-672.47	-5.04e-03	-4356.16	0.0	-490.24	2126.10	-126.62	3333.86	-672.47	-2.408e+04
		-3.162e+04	-1.057e+04	-1.02e-03	0.0	145.0	-490.24	-2230.06	-126.62	3333.86	-1.057e+04	-3.162e+04
21	55	6.044e+04	-689.31	-5.60e-03	-5260.82	0.0	142.89	2564.59	-127.23	3399.39	-689.31	-3.014e+04
		-3.969e+04	-1.048e+04	-3.08e-03	0.0	145.0	142.89	-2696.22	-127.23	3399.39	-1.048e+04	-3.969e+04
21	69	3.115e+04	-555.63	-2.59e-03	-2486.97	0.0	341.54	1220.44	-94.17	2446.35	-555.63	-1.226e+04
		-1.560e+04	-7952.46	-4.25e-03	0.0	145.0	341.54	-1266.53	-94.17	2446.35	-7952.46	-1.560e+04
21	76	5.926e+04	-578.18	-5.93e-03	-5260.82	0.0	-361.82	2561.21	-107.04	3087.48	-578.18	-3.107e+04
		-4.111e+04	-8295.24	1.91e-03	0.0	145.0	-361.82	-2699.61	-107.04	3087.48	-8295.24	-4.111e+04
21	88	4.964e+04	-496.99	-5.02e-03	-4356.16	0.0	-517.58	2122.84	-93.24	2818.44	-496.99	-2.531e+04
		-3.332e+04	-6922.08	3.69e-03	0.0	145.0	-517.58	-2233.33	-93.24	2818.44	-6922.08	-3.332e+04
21	91	3.830e+04	-300.92	-3.82e-03	-3391.63	0.0	-479.24	1651.84	-67.02	2103.42	-300.92	-1.999e+04
		-2.637e+04	-4740.52	3.83e-03	0.0	145.0	-479.24	-1739.79	-67.02	2103.42	-4740.52	-2.637e+04
21	113	3.142e+04	799.96	-2.33e-03	-2581.95	0.0	440.38	1263.90	-86.81	1538.32	799.96	-1.342e+04
		-1.733e+04	-5318.10	-0.01	0.0	145.0	440.38	-1318.04	-86.81	1538.32	-5318.10	-1.733e+04
21	116	3.159e+04	-1946.62	-3.56e-03	-2581.95	0.0	-607.65	1265.05	-102.28	3557.43	-1946.62	-1.333e+04
		-1.710e+04	-1.030e+04	9.06e-03	0.0	145.0	-607.65	-1316.90	-102.28	3557.43	-1.030e+04	-1.710e+04
21	121	3.143e+04	1354.80	-2.36e-03	-2581.95	0.0	384.18	1263.73	-85.60	1741.59	1354.80	-1.340e+04
		-1.734e+04	-4586.30	2.00e-03	0.0	145.0	384.18	-1318.22	-85.60	1741.59	-4586.30	-1.734e+04
21	124	3.158e+04	-2501.46	-3.54e-03	-2581.95	0.0	-551.45	1265.23	-103.49	3354.16	-2501.46	-1.335e+04
		-1.709e+04	-1.103e+04	-3.26e-03	0.0	145.0	-551.45	-1316.72	-103.49	3354.16	-1.103e+04	-1.709e+04
21	145	3.141e+04	1059.88	2.50e-03	-2581.95	0.0	543.97	1263.80	-85.32	1341.99	1059.88	-1.342e+04
		-1.736e+04	-4843.52	-0.01	0.0	145.0	543.97	-1318.15	-85.32	1341.99	-4843.52	-1.736e+04
21	148	3.160e+04	-2206.54	-3.70e-03	-2581.95	0.0	-711.23	1265.16	-103.77	3753.76	-2206.54	-1.332e+04
		-1.707e+04	-1.077e+04	0.01	0.0	145.0	-711.23	-1316.79	-103.77	3753.76	-1.077e+04	-1.707e+04
21	153	3.142e+04	1722.30	2.44e-03	-2581.95	0.0	476.17	1263.58	-83.88	1585.61	1722.30	-1.340e+04
		-1.736e+04	-3970.54	2.54e-03	0.0	145.0	476.17	-1318.37	-83.88	1585.61	-3970.54	-1.736e+04
21	156	3.159e+04	-2868.96	-3.67e-03	-2581.95	0.0	-643.44	1265.37	-105.21	3510.13	-2868.96	-1.335e+04
		-1.707e+04	-1.164e+04	-3.80e-03	0.0	145.0	-643.44	-1316.57	-105.21	3510.13	-1.164e+04	-1.707e+04
22	55	1.504e+05	-8172.39	-0.03	-7401.43	0.0	120.88	3714.27	10.12	-249.19	-9420.94	-3.969e+04
		-3.969e+04	-9420.94	-2.20e-03	0.0	204.0	120.88	-3687.15	10.12	-249.19	-8172.39	-3.692e+04
22	67	1.268e+05	-8582.18	-0.03	-6128.67	0.0	259.06	3079.29	8.83	-232.73	-9632.65	-3.096e+04
		-3.096e+04	-9632.65	-2.88e-03	0.0	204.0	259.06	-3049.38	8.83	-232.73	-8582.18	-2.791e+04
22	71	9.882e+04	-6896.88	-0.02	-4771.67	0.0	289.86	2397.34	5.87	-169.24	-7557.87	-2.403e+04
		-2.403e+04	-7557.87	-2.60e-03	0.0	204.0	289.86	-2374.33	5.87	-169.24	-6896.88	-2.169e+04
22	76	1.490e+05	-4507.98	-0.03	-7401.43	0.0	-386.32	3713.69	14.57	-272.33	-6546.79	-4.111e+04
		-4.111e+04	-6546.79	1.58e-03	0.0	204.0	-386.32	-3687.74	14.57	-272.33	-4507.98	-3.846e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
22	86	1.005e+05	-2465.32	-0.02	-4855.92	0.0	-587.64	2443.26	16.97	-285.28	-4922.57	-2.489e+04
		-2.489e+04	-4922.57	1.72e-03	0.0	204.0	-587.64	-2412.65	16.97	-285.28	-2465.32	-2.176e+04
22	90	7.248e+04	-780.02	-0.01	-3498.91	0.0	-556.83	1761.31	14.01	-221.79	-2847.78	-1.795e+04
		-1.795e+04	-2847.78	1.70e-03	0.0	204.0	-556.83	-1737.60	14.01	-221.79	-780.02	-1.554e+04
22	111	7.647e+04	-1928.19	-0.01	-3632.53	0.0	502.99	1827.56	9.04	5.39	-3388.89	-1.731e+04
		-1.731e+04	-3388.89	-0.02	0.0	204.0	502.99	-1804.98	9.04	5.39	-1928.19	-1.500e+04
22	113	7.647e+04	-2364.83	-0.01	-3632.53	0.0	629.74	1827.79	8.60	-110.26	-3773.92	-1.733e+04
		-1.733e+04	-3773.92	-0.01	0.0	204.0	629.74	-1804.75	8.60	-110.26	-2364.83	-1.499e+04
22	116	7.689e+04	-8602.19	-0.02	-3632.53	0.0	-885.44	1829.51	10.86	-292.00	-9804.35	-1.710e+04
		-1.710e+04	-9804.35	9.07e-03	0.0	204.0	-885.44	-1803.02	10.86	-292.00	-8602.19	-1.438e+04
22	118	7.681e+04	-8679.90	-0.02	-3632.53	0.0	-589.63	1829.15	11.12	-498.89	-1.024e+04	-1.712e+04
		-1.712e+04	-1.024e+04	-4.66e-03	0.0	204.0	-589.63	-1803.38	11.12	-498.89	-8679.90	-1.453e+04
22	121	7.654e+04	-2723.77	-0.01	-3632.53	0.0	460.67	1828.38	7.91	-19.03	-3723.92	-1.734e+04
		-1.734e+04	-3723.92	7.27e-03	0.0	204.0	460.67	-1804.16	7.91	-19.03	-2723.77	-1.484e+04
22	143	7.643e+04	-1249.66	-0.01	-3632.53	0.0	630.62	1827.34	8.90	43.86	-2747.02	-1.733e+04
		-1.733e+04	-2747.02	-0.02	0.0	204.0	630.62	-1805.20	8.90	43.86	-1249.66	-1.507e+04
22	145	7.642e+04	-1759.71	-0.01	-3632.53	0.0	781.84	1827.61	8.39	-94.70	-3188.61	-1.736e+04
		-1.736e+04	-3188.61	-0.01	0.0	204.0	781.84	-1804.92	8.39	-94.70	-1759.71	-1.506e+04
22	148	7.693e+04	-9207.31	-0.02	-3632.53	0.0	-1037.54	1829.69	11.08	-307.57	-1.039e+04	-1.707e+04
		-1.707e+04	-1.039e+04	0.01	0.0	204.0	-1037.54	-1802.85	11.08	-307.57	-9207.31	-1.432e+04
22	150	7.683e+04	-9288.15	-0.02	-3632.53	0.0	-683.09	1829.24	11.38	-556.61	-1.089e+04	-1.710e+04
		-1.710e+04	-1.089e+04	-5.38e-03	0.0	204.0	-683.09	-1803.29	11.38	-556.61	-9288.15	-1.450e+04
22	153	7.651e+04	-2188.93	-0.01	-3632.53	0.0	578.61	1828.33	7.57	15.79	-3130.01	-1.736e+04
		-1.736e+04	-3130.01	8.92e-03	0.0	204.0	578.61	-1804.20	7.57	15.79	-2188.93	-1.487e+04
23	48	6.888e+04	-5916.63	-7.54e-03	-4686.63	0.0	-1569.13	2427.59	-215.71	-3632.12	-5916.63	-2.908e+04
		-2.908e+04	-4.753e+04	3.12e-03	0.0	156.0	-1569.13	-2259.04	-215.71	-3632.12	-4.753e+04	-1.594e+04
23	55	8.094e+04	-7432.99	-9.13e-03	-5659.91	0.0	-1047.58	2925.95	-167.35	-4346.40	-7432.99	-3.692e+04
		-3.692e+04	-4.354e+04	3.16e-03	0.0	156.0	-1047.58	-2733.97	-167.35	-4346.40	-4.354e+04	-2.194e+04
23	69	4.354e+04	-6045.69	-4.68e-03	-2675.64	0.0	-592.03	1393.64	-103.34	-3190.54	-6045.69	-1.299e+04
		-1.299e+04	-2.965e+04	2.57e-03	0.0	156.0	-592.03	-1281.99	-103.34	-3190.54	-2.965e+04	-4279.38
23	76	7.936e+04	-4320.87	-9.27e-03	-5659.91	0.0	-1490.72	2925.46	-203.93	-3783.91	-4320.87	-3.846e+04
		-3.846e+04	-4.447e+04	2.41e-03	0.0	156.0	-1490.72	-2734.46	-203.93	-3783.91	-4.447e+04	-2.356e+04
23	88	6.756e+04	-2635.59	-7.92e-03	-4686.63	0.0	-1614.48	2428.32	-210.88	-3382.21	-2635.59	-3.046e+04
		-3.046e+04	-4.281e+04	-2.54e-03	0.0	156.0	-1614.48	-2258.31	-210.88	-3382.21	-4.281e+04	-1.720e+04
23	90	4.095e+04	-998.70	-4.84e-03	-2675.64	0.0	-1312.69	1393.10	-162.34	-2312.90	-998.70	-1.554e+04
		-1.554e+04	-3.120e+04	-2.11e-03	0.0	156.0	-1312.69	-1282.54	-162.34	-2312.90	-3.120e+04	-6912.71
23	104	4.416e+04	-7288.02	-4.09e-03	-2777.82	0.0	-1510.47	1446.93	-117.46	-3070.13	-7288.02	-1.453e+04
		-1.453e+04	-3.276e+04	-4.13e-03	0.0	156.0	-1510.47	-1330.89	-117.46	-3070.13	-3.276e+04	-5477.81
23	111	4.370e+04	-2604.32	-3.91e-03	-2777.82	0.0	-268.34	1447.78	-123.89	-2315.69	-2604.32	-1.500e+04
		-1.500e+04	-2.907e+04	7.38e-03	0.0	156.0	-268.34	-1330.04	-123.89	-2315.69	-2.907e+04	-5932.46
23	113	4.361e+04	-2090.32	-4.56e-03	-2777.82	0.0	-115.17	1446.46	-120.35	-2493.98	-2090.32	-1.499e+04
		-1.499e+04	-2.809e+04	-5.68e-03	0.0	156.0	-115.17	-1331.36	-120.35	-2493.98	-2.809e+04	-6125.62
23	116	4.418e+04	-8428.02	-5.35e-03	-2777.82	0.0	-1779.97	1444.63	-108.90	-3763.68	-8428.02	-1.438e+04
		-1.438e+04	-3.267e+04	5.00e-03	0.0	156.0	-1779.97	-1333.19	-108.90	-3763.68	-3.267e+04	-5582.45
23	136	4.421e+04	-7683.70	-3.94e-03	-2777.82	0.0	-1623.29	1447.21	-118.01	-3058.02	-7683.70	-1.450e+04
		-1.450e+04	-3.322e+04	-4.74e-03	0.0	156.0	-1623.29	-1330.61	-118.01	-3058.02	-3.322e+04	-5402.80
23	143	4.366e+04	-2066.95	3.76e-03	-2777.82	0.0	-130.62	1448.22	-125.71	-2155.19	-2066.95	-1.507e+04
		-1.507e+04	-2.881e+04	8.76e-03	0.0	156.0	-130.62	-1329.60	-125.71	-2155.19	-2.881e+04	-5947.14
23	145	4.355e+04	-1469.41	-4.45e-03	-2777.82	0.0	52.72	1446.64	-121.48	-2368.78	-1469.41	-1.506e+04
		-1.506e+04	-2.765e+04	-6.60e-03	0.0	156.0	52.72	-1331.18	-121.48	-2368.78	-2.765e+04	-6178.92
23	148	4.424e+04	-9048.93	-5.46e-03	-2777.82	0.0	-1947.86	1444.45	-107.78	-3888.88	-9048.93	-1.432e+04
		-1.432e+04	-3.312e+04	5.70e-03	0.0	156.0	-1947.86	-1333.37	-107.78	-3888.88	-3.312e+04	-5529.14
24	55	6.537e+04	5.174e+04	-5.47e-03	-5982.73	0.0	-789.68	2929.83	-310.54	-4540.47	5.174e+04	-4.219e+04
		-5.142e+04	-4925.82	3.67e-03	0.0	150.0	-789.68	-3052.90	-310.54	-4540.47	-4925.82	-5.142e+04
24	69	3.029e+04	3.415e+04	2.88e-03	-2814.19	0.0	-373.98	1357.94	-174.14	-3883.19	3.415e+04	-1.879e+04
		-2.616e+04	-1058.63	4.18e-03	0.0	150.0	-373.98	-1456.25	-174.14	-3883.19	-1058.63	-2.616e+04
24	76	6.258e+04	5.508e+04	-5.43e-03	-5982.73	0.0	-1051.47	2933.83	-413.99	-2648.09	5.508e+04	-4.528e+04
		-5.391e+04	-1.183e+04	-3.18e-03	0.0	150.0	-1051.47	-3048.89	-413.99	-2648.09	-1.183e+04	-5.391e+04
24	88	4.928e+04	5.380e+04	-4.06e-03	-4945.78	0.0	-1062.27	2417.50	-438.62	-1764.80	5.380e+04	-3.929e+04
		-4.760e+04	-1.447e+04	-3.70e-03	0.0	150.0	-1062.27	-2528.29	-438.62	-1764.80	-1.447e+04	-4.760e+04
24	97	3.013e+04	3.839e+04	-3.03e-03	-2923.06	0.0	-306.69	1400.44	-234.17	-2529.53	3.839e+04	-2.009e+04
		-2.926e+04	-5928.87	-2.80e-03	0.0	150.0	-306.69	-1522.62	-234.17	-2529.53	-5928.87	-2.926e+04
24	106	3.016e+04	3.559e+04	-3.38e-03	-2923.06	0.0	-450.46	1406.00	-238.59	-3119.03	3.559e+04	-2.048e+04
		-2.881e+04	-7801.89	2.23e-03	0.0	150.0	-450.46	-1517.06	-238.59	-3119.03	-7801.89	-2.881e+04
24	109	3.008e+04	4.118e+04	2.79e-03	-2923.06	0.0	24.77	1408.22	-212.80	-2445.49	4.118e+04	-2.072e+04
		-2.873e+04	1739.39	-4.03e-03	0.0	150.0	24.77	-1514.83	-212.80	-2445.49	1739.39	-2.873e+04
24	110	3.011e+04	3.161e+04	-2.95e-03	-2923.06	0.0	-1045.01	1415.23	-248.11	-3527.42	3.161e+04	-2.123e+04
		-2.816e+04	-1.303e+04	1.66e-03	0.0	150.0	-1045.01	-1507.83	-248.11	-3527.42	-1.303e+04	-2.816e+04
24	113	3.009e+04	4.094e+04	2.82e-03	-2923.06	0.0	52.71	1408.59	-212.54	-2459.08	4.094e+04	-2.074e+04
		-2.870e+04	2005.23	-2.73e-03	0.0	150.0	52.71	-1514.46	-212.54	-2459.08	2005.23	-2.870e+04
24	116	3.007e+04	3.100e+04	-2.35e-03	-2923.06	0.0	-1145.78	1422.68	-242.92	-3672.26	3.100e+04	-2.183e+04
		-2.764e+04	-1.186e+04	2.14e-03	0.0	150.0	-1145.78	-1500.38	-242.92	-3672.26	-1.186e+04	-2.764e+04
24	129	3.014e+04	3.884e+04	-3.21e-03	-2923.06	0.0	-261.39	1397.55	-235.41	-2449.66	3.884e+04	-1.986e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-2.946e+04	-6118.47	-3.10e-03	0.0	150.0	-261.39	-1525.51	-235.41	-2449.66	-6118.47	-2.946e+04
24	138	3.018e+04	3.551e+04	-3.64e-03	-2923.06	0.0	-431.70	1404.07	-240.69	-3136.51	3.551e+04	-2.032e+04
		-2.894e+04	-8368.74	2.44e-03	0.0	150.0	-431.70	-1518.99	-240.69	-3136.51	-8368.74	-2.894e+04
24	141	3.008e+04	4.219e+04	3.00e-03	-2923.06	0.0	138.38	1407.08	-209.85	-2341.10	4.219e+04	-2.063e+04
		-2.882e+04	3048.02	-4.62e-03	0.0	150.0	138.38	-1515.98	-209.85	-2341.10	3048.02	-2.882e+04
24	142	3.012e+04	3.076e+04	-3.20e-03	-2923.06	0.0	-1145.64	1414.86	-252.12	-3614.02	3.076e+04	-2.120e+04
		-2.818e+04	-1.461e+04	1.74e-03	0.0	150.0	-1145.64	-1508.20	-252.12	-3614.02	-1.461e+04	-2.818e+04
24	145	3.009e+04	4.190e+04	3.05e-03	-2923.06	0.0	172.56	1407.51	-209.52	-2353.77	4.190e+04	-2.066e+04
		-2.878e+04	3363.32	-2.96e-03	0.0	150.0	172.56	-1515.54	-209.52	-2353.77	3363.32	-2.878e+04
24	148	3.007e+04	3.003e+04	-2.45e-03	-2923.06	0.0	-1265.64	1423.76	-245.93	-3777.57	3.003e+04	-2.192e+04
		-2.756e+04	-1.322e+04	2.33e-03	0.0	150.0	-1265.64	-1499.30	-245.93	-3777.57	-1.322e+04	-2.756e+04
25	46	5.803e+04	2899.17	-6.70e-03	-3903.78	0.0	622.99	2001.66	86.42	-3095.36	-2255.55	-2.608e+04
		-2.608e+04	-2255.55	9.80e-04	0.0	164.0	622.99	-1902.12	86.42	-3095.36	2899.17	-1.791e+04
25	56	8.552e+04	519.66	-0.01	-5950.17	0.0	420.32	3047.36	124.46	-3952.14	-8178.17	-4.238e+04
		-4.238e+04	-8178.17	2.10e-03	0.0	164.0	420.32	-2902.80	124.46	-3952.14	519.66	-3.053e+04
25	75	8.326e+04	9552.11	-0.01	-5950.17	0.0	311.90	3047.24	210.47	-3897.95	-1.382e+04	-4.463e+04
		-4.463e+04	-1.382e+04	-5.56e-03	0.0	164.0	311.90	-2902.92	210.47	-3897.95	9552.11	-3.280e+04
25	79	6.758e+04	8616.62	-8.24e-03	-4859.24	0.0	211.99	2488.19	174.17	-2976.18	-1.151e+04	-3.683e+04
		-3.683e+04	-1.151e+04	-5.31e-03	0.0	164.0	211.99	-2371.05	174.17	-2976.18	8616.62	-2.723e+04
25	87	6.844e+04	1.243e+04	-8.32e-03	-4926.97	0.0	319.06	2524.40	233.37	-3573.19	-1.578e+04	-3.756e+04
		-3.756e+04	-1.578e+04	-8.78e-03	0.0	164.0	319.06	-2402.57	233.37	-3573.19	1.243e+04	-2.757e+04
25	97	4.263e+04	-271.13	-6.36e-03	-2920.27	0.0	491.70	1497.40	113.85	-2926.55	-9737.72	-2.029e+04
		-2.029e+04	-9737.72	-2.40e-03	0.0	164.0	491.70	-1422.87	113.85	-2926.55	-271.13	-1.418e+04
25	111	4.321e+04	-3081.67	-4.75e-03	-2920.27	0.0	583.55	1521.96	71.96	-405.74	-7710.96	-2.173e+04
		-2.173e+04	-7710.96	1.28e-03	0.0	164.0	583.55	-1398.31	71.96	-405.74	-3081.67	-1.159e+04
25	113	4.314e+04	-3842.02	-5.50e-03	-2920.27	0.0	634.08	1519.06	77.25	-706.80	-8777.54	-2.155e+04
		-2.155e+04	-8777.54	1.29e-03	0.0	164.0	634.08	-1401.22	77.25	-706.80	-3842.02	-1.189e+04
25	115	4.322e+04	-2910.16	-4.77e-03	-2920.27	0.0	572.51	1521.62	72.44	-481.95	-7797.24	-2.169e+04
		-2.169e+04	-7797.24	-1.83e-03	0.0	164.0	572.51	-1398.65	72.44	-481.95	-2910.16	-1.161e+04
25	116	4.199e+04	9013.77	-4.73e-03	-2920.27	0.0	105.25	1475.86	149.00	-5107.66	-5999.33	-1.917e+04
		-1.917e+04	-5999.33	-2.18e-03	0.0	164.0	105.25	-1444.41	149.00	-5107.66	9013.77	-1.658e+04
25	124	4.209e+04	9303.75	-4.91e-03	-2920.27	0.0	151.50	1480.88	140.46	-4826.34	-5472.16	-1.948e+04
		-1.948e+04	-5472.16	-0.01	0.0	164.0	151.50	-1439.39	140.46	-4826.34	9303.75	-1.608e+04
25	129	4.265e+04	-689.18	-6.61e-03	-2920.27	0.0	514.61	1497.47	113.85	-2914.68	-1.018e+04	-2.028e+04
		-2.028e+04	-1.018e+04	-2.75e-03	0.0	164.0	514.61	-1422.81	113.85	-2914.68	-689.18	-1.416e+04
25	143	4.333e+04	-4217.11	-4.59e-03	-2920.27	0.0	626.39	1526.76	63.98	68.38	-7747.53	-2.200e+04
		-2.200e+04	-7747.53	1.56e-03	0.0	164.0	626.39	-1393.52	63.98	68.38	-4217.11	-1.107e+04
25	145	4.326e+04	-5081.95	-5.49e-03	-2920.27	0.0	686.54	1523.30	70.28	-285.74	-9016.75	-2.179e+04
		-2.179e+04	-9016.75	1.55e-03	0.0	164.0	686.54	-1396.97	70.28	-285.74	-5081.95	-1.143e+04
25	147	4.334e+04	-3973.51	-4.62e-03	-2920.27	0.0	612.80	1526.37	64.51	-17.68	-7850.80	-2.196e+04
		-2.196e+04	-7850.80	-2.05e-03	0.0	164.0	612.80	-1393.90	64.51	-17.68	-3973.51	-1.109e+04
25	148	4.188e+04	1.025e+04	-4.74e-03	-2920.27	0.0	52.80	1471.62	155.97	-5528.71	-5760.12	-1.893e+04
		-1.893e+04	-5760.12	-2.46e-03	0.0	164.0	52.80	-1448.65	155.97	-5528.71	1.025e+04	-1.704e+04
25	156	4.199e+04	1.061e+04	-4.95e-03	-2920.27	0.0	108.27	1477.63	145.78	-5193.80	-5119.06	-1.931e+04
		-1.931e+04	-5119.06	-0.01	0.0	164.0	108.27	-1442.65	145.78	-5193.80	1.061e+04	-1.644e+04
26	67	3.731e+04	5080.13	3.06e-03	-3717.79	0.0	-234.41	1800.21	204.64	-3654.07	-4251.81	-1.657e+04
		-2.384e+04	-4251.81	-2.29e-03	0.0	123.8	-234.41	-1917.58	204.64	-3654.07	5080.13	-2.384e+04
26	71	2.896e+04	4367.70	2.31e-03	-2894.60	0.0	-228.54	1403.61	181.72	-2988.01	-4872.06	-1.311e+04
		-1.852e+04	-4872.06	-2.91e-03	0.0	123.8	-228.54	-1490.99	181.72	-2988.01	4367.70	-1.852e+04
26	75	4.535e+04	6409.59	3.11e-03	-4489.87	0.0	104.73	2153.89	36.74	-2355.23	6409.59	-1.847e+04
		-2.973e+04	1931.33	5.19e-03	0.0	123.8	104.73	-2335.98	36.74	-2355.23	1931.33	-2.973e+04
26	76	4.531e+04	6645.63	2.80e-03	-4489.87	0.0	108.83	2154.54	28.49	-2235.25	6645.63	-1.855e+04
		-2.974e+04	1744.58	5.11e-03	0.0	123.8	108.83	-2335.34	28.49	-2235.25	1744.58	-2.974e+04
26	86	3.055e+04	9832.78	3.21e-03	-2945.71	0.0	205.16	1412.47	-28.90	-1621.14	9832.78	-1.128e+04
		-1.875e+04	672.16	7.11e-03	0.0	123.8	205.16	-1533.24	-28.90	-1621.14	672.16	-1.875e+04
26	90	2.221e+04	9212.53	2.46e-03	-2122.52	0.0	211.03	1015.87	-51.82	-955.09	9212.53	-7812.65
		-1.343e+04	-40.26	6.49e-03	0.0	123.8	211.03	-1106.65	-51.82	-955.09	-40.26	-1.343e+04
26	102	2.275e+04	1422.50	-3.50e-03	-2203.58	0.0	31.31	1053.38	67.86	-1183.62	1422.50	-8325.39
		-1.434e+04	819.09	6.42e-03	0.0	123.8	31.31	-1150.20	67.86	-1183.62	819.09	-1.434e+04
26	113	2.254e+04	2595.66	1.55e-03	-2203.58	0.0	-452.89	1079.54	132.53	-3972.03	-6255.43	-1.017e+04
		-1.292e+04	-6255.43	-7.55e-03	0.0	123.8	-452.89	-1124.03	132.53	-3972.03	2595.66	-1.292e+04
26	116	2.257e+04	1.100e+04	3.35e-03	-2203.58	0.0	422.91	1048.47	3.61	-210.18	1.100e+04	-8221.37
		-1.482e+04	1803.54	0.01	0.0	123.8	422.91	-1155.11	3.61	-210.18	1803.54	-1.482e+04
26	118	2.267e+04	7769.72	1.88e-03	-2203.58	0.0	396.76	1044.60	15.44	59.97	7769.72	-7878.93
		-1.496e+04	766.80	2.84e-03	0.0	123.8	396.76	-1158.98	15.44	59.97	766.80	-1.496e+04
26	134	2.279e+04	1226.20	-4.22e-03	-2203.58	0.0	40.69	1051.25	67.83	-1010.24	1226.20	-8151.91
		-1.444e+04	542.23	7.29e-03	0.0	123.8	40.69	-1152.33	67.83	-1010.24	542.23	-1.444e+04
26	145	2.254e+04	2668.08	1.37e-03	-2203.58	0.0	-540.67	1082.67	145.05	-4334.50	-7942.94	-1.036e+04
		-1.273e+04	-7942.94	-9.50e-03	0.0	123.8	-540.67	-1120.91	145.05	-4334.50	2668.08	-1.273e+04
26	148	2.257e+04	1.268e+04	3.52e-03	-2203.58	0.0	510.68	1045.34	-8.91	152.29	1.268e+04	-8025.02
		-1.500e+04	1731.12	0.01	0.0	123.8	510.68	-1158.24	-8.91	152.29	1731.12	-1.500e+04
26	150	2.269e+04	8838.92	1.74e-03	-2203.58	0.0	478.31	1040.69	4.94	464.84	8838.92	-7614.19
		-1.518e+04	489.58	2.96e-03	0.0	123.8	478.31	-1162.89	4.94	464.84	489.58	-1.518e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
27	56	1.337e+05	1.490e+04	-0.03	-7401.39	0.0	-3082.30	3674.70	-98.65	1764.33	1.490e+04	-5.239e+04
		-5.769e+04	8316.16	-4.43e-03	0.0	204.0	-3082.30	-3726.68	-98.65	1764.33	8316.16	-5.769e+04
27	68	1.118e+05	1.341e+04	-0.02	-6128.64	0.0	-3243.27	3042.89	-87.62	1557.85	1.341e+04	-4.232e+04
		-4.670e+04	7521.22	-4.68e-03	0.0	204.0	-3243.27	-3085.75	-87.62	1557.85	7521.22	-4.670e+04
27	72	8.724e+04	9452.80	-0.02	-4771.64	0.0	-2657.78	2368.88	-61.68	1081.39	9452.80	-3.271e+04
		-3.617e+04	5218.57	-3.73e-03	0.0	204.0	-2657.78	-2402.76	-61.68	1081.39	5218.57	-3.617e+04
27	75	1.328e+05	1.753e+04	-0.03	-7401.39	0.0	-2205.85	3676.01	-127.84	2318.30	1.753e+04	-5.341e+04
		-5.845e+04	9212.06	-3.61e-03	0.0	204.0	-2205.85	-3725.38	-127.84	2318.30	9212.06	-5.845e+04
27	87	1.104e+05	1.764e+04	-0.02	-6128.64	0.0	-1846.22	3044.80	-136.38	2476.71	1.764e+04	-4.392e+04
		-4.790e+04	8796.09	-3.18e-03	0.0	204.0	-1846.22	-3083.85	-136.38	2476.71	8796.09	-4.790e+04
27	89	6.352e+04	1.360e+04	-0.01	-3498.89	0.0	-1183.49	1739.22	-109.47	1994.31	1.360e+04	-2.466e+04
		-2.675e+04	6546.19	-2.24e-03	0.0	204.0	-1183.49	-1759.67	-109.47	1994.31	6546.19	-2.675e+04
27	110	6.534e+04	9526.54	-0.02	-3632.52	0.0	-523.32	1809.97	-89.01	2090.79	9526.54	-2.662e+04
		-2.795e+04	3787.77	-1.24e-03	0.0	204.0	-523.32	-1822.55	-89.01	2090.79	3787.77	-2.795e+04
27	111	6.710e+04	1.650e+04	-0.01	-3632.52	0.0	-3373.73	1798.92	-82.77	1070.21	1.650e+04	-2.379e+04
		-2.728e+04	1.129e+04	-5.58e-03	0.0	204.0	-3373.73	-1833.60	-82.77	1070.21	1.129e+04	-2.728e+04
27	114	6.533e+04	9520.41	-0.02	-3632.52	0.0	-549.14	1809.92	-88.85	2060.85	9520.41	-2.660e+04
		-2.798e+04	3835.60	0.01	0.0	204.0	-549.14	-1822.60	-88.85	2060.85	3835.60	-2.798e+04
27	116	6.572e+04	9878.96	-0.01	-3632.52	0.0	-803.78	1806.27	-89.78	2214.44	9878.96	-2.587e+04
		-2.795e+04	3304.62	8.27e-03	0.0	204.0	-803.78	-1826.24	-89.78	2214.44	3304.62	-2.795e+04
27	123	6.719e+04	1.663e+04	-0.01	-3632.52	0.0	-3316.47	1797.63	-85.38	1436.04	1.663e+04	-2.356e+04
		-2.732e+04	1.079e+04	-2.47e-03	0.0	204.0	-3316.47	-1834.89	-85.38	1436.04	1.079e+04	-2.732e+04
27	142	6.517e+04	8862.71	-0.02	-3632.52	0.0	-236.25	1811.08	-89.62	2191.86	8862.71	-2.691e+04
		-2.802e+04	3036.11	1.50e-03	0.0	204.0	-236.25	-1821.44	-89.62	2191.86	3036.11	-2.802e+04
27	143	6.727e+04	1.717e+04	-0.01	-3632.52	0.0	-3660.80	1797.81	-82.15	969.14	1.717e+04	-2.350e+04
		-2.721e+04	1.204e+04	-6.10e-03	0.0	204.0	-3660.80	-1834.71	-82.15	969.14	1.204e+04	-2.721e+04
27	146	6.516e+04	8839.04	-0.02	-3632.52	0.0	-267.20	1811.02	-89.43	2155.19	8839.04	-2.688e+04
		-2.806e+04	3109.67	0.02	0.0	204.0	-267.20	-1821.50	-89.43	2155.19	3109.67	-2.806e+04
27	148	6.562e+04	9264.48	-0.01	-3632.52	0.0	-573.24	1806.63	-90.55	2339.44	9264.48	-2.601e+04
		-2.801e+04	2476.69	0.01	0.0	204.0	-573.24	-1825.88	-90.55	2339.44	2476.69	-2.801e+04
27	155	6.739e+04	1.734e+04	-0.01	-3632.52	0.0	-3592.36	1796.25	-85.28	1408.15	1.734e+04	-2.323e+04
		-2.726e+04	1.143e+04	2.68e-03	0.0	204.0	-3592.36	-1836.26	-85.28	1408.15	1.143e+04	-2.726e+04
28	15	4.421e+04	6031.96	-5.12e-03	-5260.82	0.0	-913.65	2594.32	-6.37	1088.74	2505.60	-4.853e+04
		-5.376e+04	2505.60	-6.59e-04	0.0	145.0	-913.65	-2666.50	-6.37	1088.74	6031.96	-5.376e+04
28	23	3.616e+04	6171.33	-4.27e-03	-4356.16	0.0	-939.06	2154.57	0.77	1032.64	1993.97	-4.109e+04
		-4.450e+04	1993.97	-8.06e-04	0.0	145.0	-939.06	-2201.60	0.77	1032.64	6171.33	-4.450e+04
28	25	2.014e+04	4792.63	-2.49e-03	-2486.97	0.0	-686.34	1239.31	4.60	763.65	1212.66	-2.463e+04
		-2.524e+04	1212.66	-7.00e-04	0.0	145.0	-686.34	-1247.66	4.60	763.65	4792.63	-2.524e+04
28	56	4.462e+04	5687.77	-5.35e-03	-5260.82	0.0	-972.55	2607.66	-11.59	1069.76	2757.68	-4.909e+04
		-5.239e+04	2757.68	-2.16e-03	0.0	145.0	-972.55	-2653.16	-11.59	1069.76	5687.77	-5.239e+04
28	68	3.684e+04	5753.27	-4.52e-03	-4356.16	0.0	-1024.47	2175.20	-4.36	938.33	2395.58	-4.191e+04
		-4.232e+04	2395.58	-3.67e-03	0.0	145.0	-1024.47	-2180.96	-4.36	938.33	5753.27	-4.232e+04
28	89	2.007e+04	2813.69	-2.54e-03	-2486.97	0.0	332.18	1248.29	-57.85	1524.19	2813.69	-2.536e+04
		-2.536e+04	1658.00	4.36e-03	0.0	145.0	332.18	-1238.69	-57.85	1524.19	1658.00	-2.466e+04
28	101	2.127e+04	4570.96	-3.05e-03	-2581.95	0.0	-451.37	1282.89	-8.11	380.52	2399.69	-2.494e+04
		-2.611e+04	2399.69	1.78e-03	0.0	145.0	-451.37	-1299.05	-8.11	380.52	4570.96	-2.611e+04
28	107	2.083e+04	5801.75	-2.16e-03	-2581.95	0.0	-852.03	1323.60	-16.70	995.11	3194.39	-2.833e+04
		-2.833e+04	3194.39	-4.65e-03	0.0	145.0	-852.03	-1258.35	-16.70	995.11	5801.75	-2.360e+04
28	110	2.097e+04	1014.87	-3.45e-03	-2581.95	0.0	924.60	1280.17	-30.85	1883.19	1014.87	-2.504e+04
		-2.662e+04	530.27	0.01	0.0	145.0	924.60	-1301.78	-30.85	1883.19	530.27	-2.662e+04
28	111	2.108e+04	7666.39	-1.97e-03	-2581.95	0.0	-1548.53	1317.48	-2.82	46.10	3668.90	-2.764e+04
		-2.764e+04	3668.90	-0.01	0.0	145.0	-1548.53	-1264.47	-2.82	46.10	7666.39	-2.379e+04
28	118	2.099e+04	456.18	-2.96e-03	-2581.95	0.0	885.72	1276.39	-30.37	1746.98	456.18	-2.475e+04
		-2.686e+04	12.03	1.14e-03	0.0	145.0	885.72	-1305.56	-30.37	1746.98	12.03	-2.686e+04
28	119	2.106e+04	8184.62	-2.39e-03	-2581.95	0.0	-1509.64	1321.27	-3.30	182.30	4227.60	-2.794e+04
		-2.794e+04	4227.60	-1.14e-03	0.0	145.0	-1509.64	-1260.68	-3.30	182.30	8184.62	-2.354e+04
28	133	2.132e+04	4670.90	-3.12e-03	-2581.95	0.0	-479.38	1279.67	-6.46	270.95	2411.22	-2.466e+04
		-2.630e+04	2411.22	2.09e-03	0.0	145.0	-479.38	-1302.28	-6.46	270.95	4670.90	-2.630e+04
28	139	2.079e+04	6124.17	-2.06e-03	-2581.95	0.0	-960.95	1328.61	-16.67	1001.24	3364.17	-2.874e+04
		-2.874e+04	3364.17	-5.64e-03	0.0	145.0	-960.95	-1253.34	-16.67	1001.24	6124.17	-2.328e+04
28	142	2.096e+04	752.53	-3.62e-03	-2581.95	0.0	1173.55	1276.41	-33.62	2062.62	752.53	-2.478e+04
		-2.690e+04	-141.67	0.02	0.0	145.0	1173.55	-1305.53	-33.62	2062.62	-141.67	-2.690e+04
28	143	2.109e+04	8338.32	-1.83e-03	-2581.95	0.0	-1797.47	1321.24	-0.05	-133.33	3931.24	-2.790e+04
		-2.790e+04	3931.24	-0.02	0.0	145.0	-1797.47	-1260.71	-0.05	-133.33	8338.32	-2.350e+04
28	150	2.099e+04	83.33	-3.02e-03	-2581.95	0.0	1126.77	1271.85	-33.04	1899.06	83.33	-2.442e+04
		-2.720e+04	-761.64	1.33e-03	0.0	145.0	1126.77	-1310.10	-33.04	1899.06	-761.64	-2.720e+04
28	151	2.106e+04	8958.30	-2.33e-03	-2581.95	0.0	-1750.69	1325.80	-0.63	30.22	4600.44	-2.826e+04
		-2.826e+04	4600.44	-1.32e-03	0.0	145.0	-1750.69	-1256.15	-0.63	30.22	8958.30	-2.321e+04
29	21	6.433e+04	1.281e+04	-0.01	-4308.44	0.0	-794.91	2198.78	-71.70	931.78	1.281e+04	-3.718e+04
		-3.718e+04	6950.89	-5.48e-03	0.0	181.0	-794.91	-2109.65	-71.70	931.78	6950.89	-2.911e+04
29	56	9.715e+04	1.132e+04	-0.02	-6566.95	0.0	-1194.14	3352.66	-80.39	1124.24	1.132e+04	-5.769e+04
		-5.769e+04	5127.92	-3.46e-03	0.0	181.0	-1194.14	-3214.29	-80.39	1124.24	5127.92	-4.517e+04
29	68	8.141e+04	1.073e+04	-0.01	-5437.69	0.0	-1319.62	2774.95	-87.65	1273.77	1.073e+04	-4.670e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-4.670e+04	4201.29	-2.79e-03	0.0	181.0	-1319.62	-2662.74	-87.65	1273.77	4201.29	-3.654e+04
29	70	4.748e+04	7834.62	-7.54e-03	-3104.43	0.0	-1086.64	1582.96	-70.93	1054.75	7834.62	-2.554e+04
		-2.554e+04	2664.07	-1.75e-03	0.0	181.0	-1086.64	-1521.46	-70.93	1054.75	2664.07	-1.997e+04
29	75	9.644e+04	1.141e+04	-0.02	-6566.95	0.0	-591.47	3353.20	-49.99	585.11	1.141e+04	-5.845e+04
		-5.845e+04	7058.23	-5.86e-03	0.0	181.0	-591.47	-3213.75	-49.99	585.11	7058.23	-4.583e+04
29	89	4.635e+04	7722.34	-7.93e-03	-3104.43	0.0	-122.15	1583.75	-17.63	119.58	7722.34	-2.675e+04
		-2.675e+04	5828.67	-5.68e-03	0.0	181.0	-122.15	-1520.68	-17.63	119.58	5828.67	-2.104e+04
29	110	4.804e+04	5916.74	-9.92e-03	-3222.98	0.0	448.25	1645.49	-49.28	-47.82	5916.74	-2.795e+04
		-2.795e+04	2317.20	-9.24e-04	0.0	181.0	448.25	-1577.49	-49.28	-47.82	2317.20	-2.181e+04
29	111	4.855e+04	1.324e+04	-6.06e-03	-3222.98	0.0	-1752.25	1643.54	-62.92	1477.74	1.324e+04	-2.728e+04
		-2.728e+04	7528.89	-6.89e-03	0.0	181.0	-1752.25	-1579.44	-62.92	1477.74	7528.89	-2.146e+04
29	113	4.854e+04	1.376e+04	-6.89e-03	-3222.98	0.0	-1579.74	1643.37	-62.09	1399.34	1.376e+04	-2.728e+04
		-2.728e+04	8026.56	-7.25e-03	0.0	181.0	-1579.74	-1579.61	-62.09	1399.34	8026.56	-2.148e+04
29	114	4.802e+04	6020.22	-9.79e-03	-3222.98	0.0	428.22	1645.47	-49.42	-31.31	6020.22	-2.798e+04
		-2.798e+04	2449.87	3.39e-03	0.0	181.0	428.22	-1577.51	-49.42	-31.31	2449.87	-2.181e+04
29	115	4.857e+04	1.314e+04	-6.16e-03	-3222.98	0.0	-1732.21	1643.56	-62.78	1461.23	1.314e+04	-2.724e+04
		-2.724e+04	7396.22	-0.01	0.0	181.0	-1732.21	-1579.43	-62.78	1461.23	7396.22	-2.146e+04
29	116	4.805e+04	5396.75	-8.96e-03	-3222.98	0.0	275.75	1645.66	-50.11	30.58	5396.75	-2.795e+04
		-2.795e+04	1819.52	-6.53e-04	0.0	181.0	275.75	-1577.33	-50.11	30.58	1819.52	-2.179e+04
29	142	4.798e+04	5183.08	-0.01	-3222.98	0.0	669.14	1645.69	-48.08	-178.68	5183.08	-2.802e+04
		-2.802e+04	1793.87	-5.02e-04	0.0	181.0	669.14	-1577.30	-48.08	-178.68	1793.87	-2.185e+04
29	143	4.860e+04	1.398e+04	-5.73e-03	-3222.98	0.0	-1973.13	1643.34	-64.12	1608.61	1.398e+04	-2.721e+04
		-2.721e+04	8052.22	-7.56e-03	0.0	181.0	-1973.13	-1579.64	-64.12	1608.61	8052.22	-2.142e+04
29	145	4.859e+04	1.458e+04	-6.68e-03	-3222.98	0.0	-1766.03	1643.14	-63.19	1525.80	1.458e+04	-2.721e+04
		-2.721e+04	8647.06	-8.01e-03	0.0	181.0	-1766.03	-1579.84	-63.19	1525.80	8647.06	-2.145e+04
29	146	4.797e+04	5320.58	-0.01	-3222.98	0.0	645.22	1645.67	-48.20	-166.66	5320.58	-2.806e+04
		-2.806e+04	1955.82	4.82e-03	0.0	181.0	645.22	-1577.32	-48.20	-166.66	1955.82	-2.185e+04
29	147	4.862e+04	1.384e+04	-5.86e-03	-3222.98	0.0	-1949.22	1643.36	-64.00	1596.58	1.384e+04	-2.717e+04
		-2.717e+04	7890.26	-0.01	0.0	181.0	-1949.22	-1579.62	-64.00	1596.58	7890.26	-2.143e+04
29	148	4.800e+04	4574.85	-9.19e-03	-3222.98	0.0	462.04	1645.89	-49.01	-95.88	4574.85	-2.801e+04
		-2.801e+04	1199.02	8.65e-04	0.0	181.0	462.04	-1577.10	-49.01	-95.88	1199.02	-2.182e+04
30	15	5.139e+04	2617.78	-3.84e-03	-5124.76	0.0	-509.67	2428.77	75.16	-1267.88	-1094.29	-2.966e+04
		-4.853e+04	-1094.29	2.00e-03	0.0	141.3	-509.67	-2695.99	75.16	-1267.88	2617.78	-4.853e+04
30	36	5.073e+04	2994.36	-3.63e-03	-5124.76	0.0	-398.83	2419.91	74.42	-1155.57	-1059.96	-2.969e+04
		-4.981e+04	-1059.96	2.26e-03	0.0	141.3	-398.83	-2704.85	74.42	-1155.57	2994.36	-4.981e+04
30	45	3.226e+04	3273.83	4.08e-03	-3362.25	0.0	-342.58	1559.39	82.70	-1266.16	-1271.64	-1.866e+04
		-3.585e+04	-1271.64	2.72e-03	0.0	141.3	-342.58	-1802.86	82.70	-1266.16	3273.83	-3.585e+04
30	47	4.137e+04	3369.23	3.91e-03	-4243.50	0.0	-347.02	1988.92	84.04	-1288.55	-1257.98	-2.418e+04
		-4.294e+04	-1257.98	2.61e-03	0.0	141.3	-347.02	-2254.59	84.04	-1288.55	3369.23	-4.294e+04
30	68	4.205e+04	2081.25	3.02e-03	-4243.50	0.0	-908.93	1993.87	69.57	-1260.96	-1055.72	-2.384e+04
		-4.191e+04	-1055.72	-2.98e-03	0.0	141.3	-908.93	-2249.63	69.57	-1260.96	2081.25	-4.191e+04
30	89	2.346e+04	1294.59	2.55e-03	-2422.65	0.0	223.22	1126.83	28.02	-354.16	-402.34	-1.342e+04
		-2.536e+04	-402.34	6.79e-03	0.0	141.3	223.22	-1295.82	28.02	-354.16	1294.59	-2.536e+04
30	101	2.507e+04	2432.14	1.77e-03	-2515.17	0.0	-756.43	1178.05	57.23	-1011.20	-353.72	-1.374e+04
		-2.494e+04	-353.72	1.82e-03	0.0	141.3	-756.43	-1337.13	57.23	-1011.20	2432.14	-2.494e+04
30	107	2.379e+04	3207.35	3.67e-03	-2515.17	0.0	-331.99	1152.26	59.87	-1528.73	-475.07	-1.339e+04
		-2.833e+04	-475.07	-2.53e-03	0.0	141.3	-331.99	-1362.91	59.87	-1528.73	3207.35	-2.833e+04
30	113	2.477e+04	4130.37	3.27e-03	-2515.17	0.0	-1168.25	1160.50	63.96	-2133.74	286.32	-1.292e+04
		-2.669e+04	286.32	-9.54e-03	0.0	141.3	-1168.25	-1354.68	63.96	-2133.74	4130.37	-2.669e+04
30	116	2.401e+04	69.58	1.71e-03	-2515.17	0.0	527.49	1178.06	49.14	332.13	-2029.01	-1.481e+04
		-2.600e+04	-2029.01	0.01	0.0	141.3	527.49	-1337.11	49.14	332.13	69.58	-2.600e+04
30	118	2.456e+04	-713.11	-1.80e-03	-2515.17	0.0	355.09	1188.11	50.36	342.27	-2886.57	-1.496e+04
		-2.475e+04	-2886.57	3.34e-03	0.0	141.3	355.09	-1327.07	50.36	342.27	-713.11	-2.475e+04
30	119	2.430e+04	4913.06	3.57e-03	-2515.17	0.0	-995.84	1150.45	62.74	-2143.89	1143.87	-1.278e+04
		-2.794e+04	1143.87	-2.63e-04	0.0	141.3	-995.84	-1364.72	62.74	-2143.89	4913.06	-2.794e+04
30	133	2.522e+04	2502.92	-1.78e-03	-2515.17	0.0	-844.34	1179.82	57.34	-1032.43	-254.67	-1.372e+04
		-2.466e+04	-254.67	1.84e-03	0.0	141.3	-844.34	-1335.35	57.34	-1032.43	2502.92	-2.466e+04
30	139	2.366e+04	3414.28	3.91e-03	-2515.17	0.0	-334.12	1148.82	60.46	-1644.23	-391.79	-1.330e+04
		-2.874e+04	-391.79	-3.40e-03	0.0	141.3	-334.12	-1366.35	60.46	-1644.23	3414.28	-2.874e+04
30	145	2.485e+04	4522.16	3.43e-03	-2515.17	0.0	-1339.02	1158.74	65.30	-2364.58	516.28	-1.273e+04
		-2.676e+04	516.28	-0.01	0.0	141.3	-1339.02	-1356.43	65.30	-2364.58	4522.16	-2.676e+04
30	148	2.394e+04	-322.20	-1.67e-03	-2515.17	0.0	698.27	1179.82	47.80	562.97	-2258.98	-1.500e+04
		-2.593e+04	-2258.98	0.02	0.0	141.3	698.27	-1335.35	47.80	562.97	-322.20	-2.593e+04
30	150	2.461e+04	-1243.71	-1.90e-03	-2515.17	0.0	491.79	1191.90	49.35	562.55	-3283.08	-1.518e+04
		-2.442e+04	-3283.08	3.63e-03	0.0	141.3	491.79	-1323.27	49.35	562.55	-1243.71	-2.442e+04
30	151	2.429e+04	5443.67	3.80e-03	-2515.17	0.0	-1132.54	1146.66	63.75	-2364.16	1540.38	-1.256e+04
		-2.826e+04	1540.38	-4.69e-04	0.0	141.3	-1132.54	-1368.52	63.75	-2364.16	5443.67	-2.826e+04
31	23	2.533e+04	6913.05	-2.75e-03	-3755.31	0.0	65.24	1942.97	-87.98	782.39	6913.05	-3.743e+04
		-3.743e+04	556.70	-4.08e-03	0.0	125.0	65.24	-1812.34	-87.98	782.39	556.70	-2.927e+04
31	25	1.512e+04	5422.86	-1.88e-03	-2143.94	0.0	92.79	1111.76	-71.18	628.20	5422.86	-2.087e+04
		-2.087e+04	277.16	-3.24e-03	0.0	125.0	92.79	-1032.18	-71.18	628.20	277.16	-1.589e+04
31	56	3.023e+04	6301.50	-2.79e-03	-4535.19	0.0	-184.07	2340.09	-79.80	896.13	6301.50	-4.517e+04
		-4.517e+04	1105.81	-1.58e-03	0.0	125.0	-184.07	-2195.10	-79.80	896.13	1105.81	-3.610e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
31	72	2.020e+04	4950.51	-1.79e-03	-2923.81	0.0	-269.06	1506.79	-72.60	980.37	4950.51	-2.829e+04
		-2.829e+04	774.18	6.21e-04	0.0	125.0	-269.06	-1417.02	-72.60	980.37	774.18	-2.268e+04
31	75	2.989e+04	5135.42	-3.06e-03	-4535.19	0.0	176.97	2345.31	-40.70	90.30	5135.42	-4.583e+04
		-4.583e+04	1285.61	-5.63e-03	0.0	125.0	176.97	-2189.88	-40.70	90.30	1285.61	-3.611e+04
31	85	2.076e+04	4257.86	-2.60e-03	-2975.44	0.0	370.27	1544.54	-19.29	-294.26	4257.86	-2.929e+04
		-2.929e+04	1341.09	-6.97e-03	0.0	125.0	370.27	-1430.90	-19.29	-294.26	1341.09	-2.218e+04
31	110	1.536e+04	391.83	-3.80e-03	-2225.82	0.0	845.72	1151.10	-47.02	-975.17	391.83	-2.181e+04
		-2.181e+04	-3243.50	-3.49e-03	0.0	125.0	845.72	-1074.72	-47.02	-975.17	-3243.50	-1.703e+04
31	111	1.600e+04	8957.85	1.98e-03	-2225.82	0.0	-699.24	1155.82	-57.58	1829.74	8957.85	-2.146e+04
		-2.146e+04	4772.32	-2.51e-03	0.0	125.0	-699.24	-1070.00	-57.58	1829.74	4772.32	-1.610e+04
31	113	1.602e+04	9625.19	-9.03e-04	-2225.82	0.0	-598.16	1156.52	-60.23	2020.31	9625.19	-2.148e+04
		-2.148e+04	4291.31	-2.85e-03	0.0	125.0	-598.16	-1069.29	-60.23	2020.31	4291.31	-1.603e+04
31	114	1.537e+04	554.07	-3.64e-03	-2225.82	0.0	830.45	1151.26	-47.79	-944.03	554.07	-2.181e+04
		-2.181e+04	-3271.62	-1.32e-03	0.0	125.0	830.45	-1074.55	-47.79	-944.03	-3271.62	-1.701e+04
31	142	1.529e+04	-464.28	-4.37e-03	-2225.82	0.0	1000.35	1150.62	-46.08	-1252.35	-464.28	-2.185e+04
		-2.185e+04	-4045.56	-3.59e-03	0.0	125.0	1000.35	-1075.19	-46.08	-1252.35	-4045.56	-1.713e+04
31	143	1.606e+04	9813.96	2.56e-03	-2225.82	0.0	-853.87	1156.30	-58.51	2106.92	9813.96	-2.142e+04
		-2.142e+04	5574.38	-2.41e-03	0.0	125.0	-853.87	-1069.52	-58.51	2106.92	5574.38	-1.601e+04
31	145	1.609e+04	1.060e+04	1.10e-03	-2225.82	0.0	-732.66	1157.14	-61.63	2318.99	1.060e+04	-2.145e+04
		-2.145e+04	4998.03	-2.84e-03	0.0	125.0	-732.66	-1068.68	-61.63	2318.99	4998.03	-1.592e+04
31	146	1.531e+04	-259.91	-4.18e-03	-2225.82	0.0	982.26	1150.82	-47.06	-1201.11	-259.91	-2.185e+04
		-2.185e+04	-4081.23	-9.62e-04	0.0	125.0	982.26	-1075.00	-47.06	-1201.11	-4081.23	-1.710e+04
32	16	8.965e+04	3904.89	-0.01	-5950.20	0.0	-157.73	3022.37	43.55	-297.15	113.29	-3.621e+04
		-3.621e+04	113.29	-4.19e-03	0.0	164.0	-157.73	-2927.83	43.55	-297.15	3904.89	-2.845e+04
32	68	7.507e+04	3067.27	-0.01	-4927.00	0.0	-285.19	2502.30	-66.05	411.53	3067.27	-2.911e+04
		-2.911e+04	-5274.24	7.58e-04	0.0	164.0	-285.19	-2424.71	-66.05	411.53	-5274.24	-2.275e+04
32	72	5.830e+04	3028.31	-8.02e-03	-3836.07	0.0	-263.88	1946.65	-75.91	486.43	3028.31	-2.268e+04
		-2.268e+04	-6159.87	1.79e-03	0.0	164.0	-263.88	-1889.42	-75.91	486.43	-6159.87	-1.799e+04
32	75	9.003e+04	8428.13	-0.01	-5950.20	0.0	-46.36	3025.93	107.76	-888.46	-1644.15	-3.612e+04
		-3.612e+04	-1644.15	-6.88e-03	0.0	164.0	-46.36	-2924.27	107.76	-888.46	8428.13	-2.778e+04
32	85	6.153e+04	1.260e+04	-9.58e-03	-3903.80	0.0	133.54	1996.86	167.05	-1458.77	-3246.72	-2.218e+04
		-2.218e+04	-3246.72	-8.67e-03	0.0	164.0	133.54	-1906.94	167.05	-1458.77	1.260e+04	-1.481e+04
32	89	4.476e+04	1.171e+04	-7.20e-03	-2812.87	0.0	154.85	1441.22	157.19	-1383.87	-3285.68	-1.576e+04
		-1.576e+04	-3285.68	-7.58e-03	0.0	164.0	154.85	-1371.65	157.19	-1383.87	1.171e+04	-1.005e+04
32	110	4.604e+04	1.129e+04	-9.08e-03	-2920.29	0.0	313.00	1499.29	82.29	-2460.57	1076.59	-1.703e+04
		-1.703e+04	1076.59	-4.01e-03	0.0	164.0	313.00	-1421.00	82.29	-2460.57	1.129e+04	-1.061e+04
32	111	4.567e+04	-1048.73	-4.83e-03	-2920.29	0.0	-393.95	1483.37	-7.36	1784.99	-1048.73	-1.610e+04
		-1.610e+04	-5104.59	-3.17e-03	0.0	164.0	-393.95	-1436.92	-7.36	1784.99	-5104.59	-1.229e+04
32	116	4.613e+04	1.041e+04	-8.19e-03	-2920.29	0.0	250.58	1501.23	77.91	-2245.73	696.25	-1.711e+04
		-1.711e+04	696.25	-3.50e-03	0.0	164.0	250.58	-1419.06	77.91	-2245.73	1.041e+04	-1.037e+04
32	118	4.598e+04	1.186e+04	-8.55e-03	-2920.29	0.0	284.67	1497.02	81.19	-2437.32	1706.68	-1.691e+04
		-1.691e+04	1706.68	-0.01	0.0	164.0	284.67	-1423.27	81.19	-2437.32	1.186e+04	-1.087e+04
32	119	4.573e+04	-1678.83	-5.25e-03	-2920.29	0.0	-365.62	1485.65	-6.26	1761.74	-1678.83	-1.622e+04
		-1.622e+04	-5677.64	7.58e-03	0.0	164.0	-365.62	-1434.65	-6.26	1761.74	-5677.64	-1.204e+04
32	142	4.608e+04	1.287e+04	-9.57e-03	-2920.29	0.0	382.95	1500.90	90.92	-2856.76	1281.79	-1.713e+04
		-1.713e+04	1281.79	-4.13e-03	0.0	164.0	382.95	-1419.39	90.92	-2856.76	1.287e+04	-1.044e+04
32	143	4.563e+04	-1253.93	-4.47e-03	-2920.29	0.0	-463.90	1481.76	-15.98	2181.18	-1253.93	-1.601e+04
		-1.601e+04	-6686.22	-3.10e-03	0.0	164.0	-463.90	-1438.53	-15.98	2181.18	-6686.22	-1.246e+04
32	148	4.618e+04	1.184e+04	-8.47e-03	-2920.29	0.0	308.12	1503.23	85.81	-2612.58	824.70	-1.722e+04
		-1.722e+04	824.70	-3.54e-03	0.0	164.0	308.12	-1417.06	85.81	-2612.58	1.184e+04	-1.015e+04
32	150	4.600e+04	1.356e+04	-8.90e-03	-2920.29	0.0	349.27	1498.17	89.63	-2830.25	2041.15	-1.698e+04
		-1.698e+04	2041.15	-0.02	0.0	164.0	349.27	-1422.12	89.63	-2830.25	1.356e+04	-1.075e+04
32	151	4.571e+04	-2013.29	-4.97e-03	-2920.29	0.0	-430.21	1484.49	-14.69	2154.67	-2013.29	-1.615e+04
		-1.615e+04	-7379.56	9.84e-03	0.0	164.0	-430.21	-1435.80	-14.69	2154.67	-7379.56	-1.216e+04
33	2	2.747e+06	1.972e+04	0.06	-1.391e+04	0.0	-5.403e+04	-1.693e+04	350.95	-2174.81	-2.064e+04	2.747e+06
		0.0	-2.064e+04	2.86e-03	0.0	115.0	-5.403e+04	-3.084e+04	350.95	-2174.81	1.972e+04	0.0
33	16	3.131e+06	1.452e+04	0.07	-1.592e+04	0.0	-5.261e+04	-1.927e+04	306.86	567.66	-2.077e+04	3.131e+06
		0.0	-2.077e+04	-1.59e-03	0.0	115.0	-5.261e+04	-3.519e+04	306.86	567.66	1.452e+04	0.0
33	70	2.111e+06	1.130e+04	0.05	-1.052e+04	0.0	-3.935e+04	-1.310e+04	233.89	-1307.40	-1.560e+04	2.111e+06
		0.0	-1.560e+04	-3.08e-03	0.0	115.0	-3.935e+04	-2.362e+04	233.89	-1307.40	1.130e+04	0.0
33	76	3.134e+06	1.464e+04	0.07	-1.592e+04	0.0	-5.288e+04	-1.929e+04	307.57	1561.95	-2.073e+04	3.134e+06
		0.0	-2.073e+04	8.62e-05	0.0	115.0	-5.288e+04	-3.521e+04	307.57	1561.95	1.464e+04	0.0
33	79	2.458e+06	1.126e+04	0.05	-1.252e+04	0.0	-4.087e+04	-1.511e+04	236.87	1320.79	-1.598e+04	2.458e+06
		0.0	-1.598e+04	1.17e-04	0.0	115.0	-4.087e+04	-2.764e+04	236.87	1320.79	1.126e+04	0.0
33	98	2.217e+06	1.209e+04	0.05	-1.062e+04	0.0	-4.848e+04	-1.397e+04	239.58	2059.90	-1.503e+04	2.217e+06
		0.0	-1.503e+04	-5.20e-03	0.0	115.0	-4.848e+04	-2.459e+04	239.58	2059.90	1.209e+04	0.0
33	99	2.050e+06	1.074e+04	0.05	-1.062e+04	0.0	-3.101e+04	-1.252e+04	230.25	-1983.06	-1.617e+04	2.050e+06
		0.0	-1.617e+04	2.73e-03	0.0	115.0	-3.101e+04	-2.314e+04	230.25	-1983.06	1.074e+04	0.0
33	114	2.223e+06	-9005.66	0.05	-1.062e+04	0.0	-4.382e+04	-1.402e+04	173.49	9468.78	-2.905e+04	2.223e+06
		0.0	-2.905e+04	5.46e-03	0.0	115.0	-4.382e+04	-2.464e+04	173.49	9468.78	-9005.66	0.0
33	116	2.183e+06	-1.306e+04	0.05	-1.062e+04	0.0	-3.910e+04	-1.367e+04	161.67	1.015e+04	-3.262e+04	2.183e+06
		0.0	-3.262e+04	3.15e-03	0.0	115.0	-3.910e+04	-2.429e+04	161.67	1.015e+04	-1.306e+04	0.0
33	117	2.090e+06	4.787e+04	0.05	-1.062e+04	0.0	-4.047e+04	-1.286e+04	318.74	-1.054e+04	1.159e+04	2.090e+06

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		0.0	1.159e+04	-4.29e-03	0.0	115.0	-4.047e+04	-2.349e+04	318.74	-1.054e+04	4.787e+04	0.0
33	120	2.177e+06	-2.504e+04	0.05	-1.062e+04	0.0	-3.902e+04	-1.362e+04	151.10	1.061e+04	-4.280e+04	2.177e+06
		0.0	-4.280e+04	1.93e-03	0.0	115.0	-3.902e+04	-2.424e+04	151.10	1.061e+04	-2.504e+04	0.0
33	130	2.221e+06	1.227e+04	0.05	-1.062e+04	0.0	-5.017e+04	-1.400e+04	240.47	2486.14	-1.486e+04	2.221e+06
		0.0	-1.486e+04	-6.01e-03	0.0	115.0	-5.017e+04	-2.463e+04	240.47	2486.14	1.227e+04	0.0
33	131	2.046e+06	1.056e+04	0.05	-1.062e+04	0.0	-2.931e+04	-1.248e+04	229.36	-2409.30	-1.634e+04	2.046e+06
		0.0	-1.634e+04	3.54e-03	0.0	115.0	-2.931e+04	-2.310e+04	229.36	-2409.30	1.056e+04	0.0
33	134	2.224e+06	1.152e+04	0.05	-1.062e+04	0.0	-4.973e+04	-1.403e+04	234.29	2165.96	-1.385e+04	2.224e+06
		0.0	-1.385e+04	5.39e-03	0.0	115.0	-4.973e+04	-2.465e+04	234.29	2165.96	1.152e+04	0.0
33	148	2.174e+06	-1.775e+04	0.05	-1.062e+04	0.0	-3.868e+04	-1.359e+04	146.98	1.209e+04	-3.577e+04	2.174e+06
		0.0	-3.577e+04	4.03e-03	0.0	115.0	-3.868e+04	-2.421e+04	146.98	1.209e+04	-1.775e+04	0.0
33	149	2.099e+06	5.501e+04	0.05	-1.062e+04	0.0	-4.083e+04	-1.294e+04	335.70	-1.256e+04	1.681e+04	2.099e+06
		0.0	1.681e+04	-4.90e-03	0.0	115.0	-4.083e+04	-2.356e+04	335.70	-1.256e+04	5.501e+04	0.0
33	152	2.169e+06	-3.218e+04	0.05	-1.062e+04	0.0	-3.866e+04	-1.355e+04	134.13	1.263e+04	-4.801e+04	2.169e+06
		0.0	-4.801e+04	2.52e-03	0.0	115.0	-3.866e+04	-2.417e+04	134.13	1.263e+04	-3.218e+04	0.0
34	2	2.970e+06	-9125.38	0.01	-1.996e+04	0.0	-3.484e+04	3035.05	-69.77	1.886e+04	-9125.38	2.933e+06
		1.787e+06	-2.064e+04	0.01	0.0	165.0	-3.484e+04	-1.693e+04	-69.77	1.886e+04	-2.064e+04	1.787e+06
34	16	3.339e+06	-9552.27	0.01	-2.284e+04	0.0	-2.997e+04	3570.68	-68.01	1.931e+04	-9552.27	3.294e+06
		1.999e+06	-2.077e+04	4.01e-03	0.0	165.0	-2.997e+04	-1.927e+04	-68.01	1.931e+04	-2.077e+04	1.999e+06
34	20	2.611e+06	-7322.39	0.01	-1.797e+04	0.0	-2.280e+04	2873.00	-52.91	1.502e+04	-7322.39	2.574e+06
		1.566e+06	-1.605e+04	3.16e-03	0.0	165.0	-2.280e+04	-1.509e+04	-52.91	1.502e+04	-1.605e+04	1.566e+06
34	35	3.345e+06	-9504.95	0.01	-2.284e+04	0.0	-3.025e+04	3587.35	-67.62	1.883e+04	-9504.95	3.300e+06
		2.008e+06	-2.066e+04	3.83e-03	0.0	165.0	-3.025e+04	-1.925e+04	-67.62	1.883e+04	-2.066e+04	2.008e+06
34	59	2.615e+06	-7118.02	0.01	-1.797e+04	0.0	-2.290e+04	2909.03	-53.79	1.382e+04	-7118.02	2.578e+06
		1.575e+06	-1.599e+04	1.37e-03	0.0	165.0	-2.290e+04	-1.506e+04	-53.79	1.382e+04	-1.599e+04	1.575e+06
34	90	2.298e+06	-7903.15	0.01	-1.509e+04	0.0	-2.458e+04	1893.08	-46.55	1.610e+04	-7903.15	2.279e+06
		1.346e+06	-1.558e+04	6.58e-03	0.0	165.0	-2.458e+04	-1.320e+04	-46.55	1.610e+04	-1.558e+04	1.346e+06
34	94	2.379e+06	-1.217e+04	0.01	-1.524e+04	0.0	-3.049e+04	1220.12	-29.70	1.712e+04	-2.245e+04	2.374e+06
		1.277e+06	-2.245e+04	2.35e-03	0.0	165.0	-3.049e+04	-1.402e+04	-29.70	1.712e+04	-1.217e+04	1.277e+06
34	98	2.378e+06	-1.503e+04	0.01	-1.524e+04	0.0	-3.052e+04	1225.05	-25.38	1.679e+04	-2.625e+04	2.372e+06
		1.279e+06	-2.625e+04	2.41e-03	0.0	165.0	-3.052e+04	-1.402e+04	-25.38	1.679e+04	-1.503e+04	1.279e+06
34	99	2.266e+06	1.112e+04	7.98e-03	-1.524e+04	0.0	-1.829e+04	2768.37	-71.99	1.165e+04	1.112e+04	2.217e+06
		1.455e+06	-1.617e+04	3.67e-03	0.0	165.0	-1.829e+04	-1.247e+04	-71.99	1.165e+04	-1.617e+04	1.455e+06
34	114	2.392e+06	-2.664e+04	0.01	-1.524e+04	0.0	-2.710e+04	1564.48	-27.81	2.115e+04	-2.664e+04	2.387e+06
		1.294e+06	-2.905e+04	0.01	0.0	165.0	-2.710e+04	-1.368e+04	-27.81	2.115e+04	-2.905e+04	1.294e+06
34	119	2.256e+06	2.468e+04	-6.91e-03	-1.524e+04	0.0	-2.158e+04	2426.84	-83.17	8450.43	2.468e+04	2.209e+06
		1.436e+06	6790.48	-6.23e-03	0.0	165.0	-2.158e+04	-1.281e+04	-83.17	8450.43	6790.48	1.436e+06
34	120	2.358e+06	-3.387e+04	0.01	-1.524e+04	0.0	-2.374e+04	1990.28	-22.75	1.943e+04	-3.387e+04	2.345e+06
		1.342e+06	-4.280e+04	0.01	0.0	165.0	-2.374e+04	-1.325e+04	-22.75	1.943e+04	-4.280e+04	1.342e+06
34	126	2.381e+06	-1.141e+04	0.01	-1.524e+04	0.0	-3.163e+04	1076.35	-27.12	1.756e+04	-2.538e+04	2.377e+06
		1.266e+06	-2.538e+04	2.25e-03	0.0	165.0	-3.163e+04	-1.416e+04	-27.12	1.756e+04	-1.141e+04	1.266e+06
34	130	2.380e+06	-1.486e+04	0.01	-1.524e+04	0.0	-3.169e+04	1082.74	-21.48	1.714e+04	-2.995e+04	2.376e+06
		1.267e+06	-2.995e+04	2.35e-03	0.0	165.0	-3.169e+04	-1.416e+04	-21.48	1.714e+04	-1.486e+04	1.267e+06
34	131	2.265e+06	1.481e+04	7.38e-03	-1.524e+04	0.0	-1.712e+04	2910.67	-75.89	1.130e+04	1.481e+04	2.213e+06
		1.466e+06	-1.634e+04	3.82e-03	0.0	165.0	-1.712e+04	-1.233e+04	-75.89	1.130e+04	-1.634e+04	1.466e+06
34	134	2.386e+06	-1.385e+04	0.01	-1.524e+04	0.0	-3.148e+04	1133.03	-23.60	1.780e+04	-2.340e+04	2.382e+06
		1.278e+06	-2.340e+04	0.01	0.0	165.0	-3.148e+04	-1.411e+04	-23.60	1.780e+04	-1.385e+04	1.278e+06
34	151	2.261e+06	3.106e+04	-7.32e-03	-1.524e+04	0.0	-2.116e+04	2469.17	-89.11	7586.99	3.106e+04	2.215e+06
		1.440e+06	1.105e+04	-8.07e-03	0.0	165.0	-2.116e+04	-1.277e+04	-89.11	7586.99	1.105e+04	1.440e+06
34	152	2.350e+06	-3.908e+04	0.01	-1.524e+04	0.0	-2.348e+04	2033.41	-18.20	2.024e+04	-3.908e+04	2.337e+06
		1.345e+06	-4.801e+04	0.02	0.0	165.0	-2.348e+04	-1.321e+04	-18.20	2.024e+04	-4.801e+04	1.345e+06
35	2	1.125e+05	2.258e+05	0.94	-6000.81	0.0	-9518.48	3000.40	2713.05	2.593e+04	-1.811e+05	0.0
		0.0	-1.811e+05	-0.06	0.0	150.0	-9518.48	-3000.40	2713.05	2.593e+04	2.258e+05	0.0
35	3	1.289e+05	2.095e+05	1.04	-6872.34	0.0	-9023.02	3436.17	2533.07	1.845e+04	-1.704e+05	0.0
		0.0	-1.704e+05	-0.06	0.0	150.0	-9023.02	-3436.17	2533.07	1.845e+04	2.095e+05	0.0
35	28	9.320e+04	1.571e+05	0.76	-4970.83	0.0	-6886.61	2485.42	1893.51	1.524e+04	-1.269e+05	0.0
		0.0	-1.269e+05	-0.05	0.0	150.0	-6886.61	-2485.42	1893.51	1.524e+04	1.571e+05	0.0
35	65	1.125e+05	1.997e+05	0.92	-6000.81	0.0	-9072.87	3000.40	2739.77	2.312e+04	-1.709e+05	0.0
		0.0	-1.709e+05	-0.06	-538.21	150.0	-9072.87	-3000.40	2201.56	2.312e+04	1.997e+05	0.0
35	94	8.589e+04	1.667e+05	0.74	-4580.81	0.0	-6574.68	2290.41	2026.54	1.662e+04	-1.371e+05	0.0
		0.0	-1.371e+05	-0.05	0.0	150.0	-6574.68	-2290.41	2026.54	1.662e+04	1.667e+05	0.0
35	95	8.589e+04	1.528e+05	0.70	-4580.81	0.0	-7334.98	2290.41	1833.75	1.525e+04	-1.224e+05	0.0
		0.0	-1.224e+05	-0.04	0.0	150.0	-7334.98	-2290.41	1833.75	1.525e+04	1.528e+05	0.0
35	97	8.589e+04	1.429e+05	0.73	-4580.81	0.0	-6694.28	2290.41	1741.63	1.833e+04	-1.182e+05	0.0
		0.0	-1.182e+05	-0.05	0.0	150.0	-6694.28	-2290.41	1741.63	1.833e+04	1.429e+05	0.0
35	112	8.589e+04	2.029e+05	0.69	-4580.81	0.0	-6847.06	2290.41	2439.54	1.286e+04	-1.631e+05	0.0
		0.0	-1.631e+05	-0.05	0.0	150.0	-6847.06	-2290.41	2439.54	1.286e+04	2.029e+05	0.0
35	114	8.589e+04	2.030e+05	0.70	-4580.81	0.0	-6660.71	2290.41	2444.40	1.380e+04	-1.637e+05	0.0
		0.0	-1.637e+05	-0.05	0.0	150.0	-6660.71	-2290.41	2444.40	1.380e+04	2.030e+05	0.0
35	125	8.589e+04	1.386e+05	0.75	-4580.81	0.0	-6644.42	2290.41	1694.11	1.862e+04	-1.154e+05	0.0
		0.0	-1.154e+05	-0.05	0.0	150.0	-6644.42	-2290.41	1694.11	1.862e+04	1.386e+05	0.0
35	126	8.589e+04	1.683e+05	0.74	-4580.81	0.0	-6497.87	2290.41	2048.37	1.675e+04	-1.388e+05	0.0
		0.0	-1.388e+05	-0.05	0.0	150.0	-6497.87	-2290.41	2048.37	1.675e+04	1.683e+05	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
35	127	8.589e+04	1.512e+05	0.69	-4580.81	0.0	-7411.79	2290.41	1811.92	1.512e+04	-1.207e+05	0.0
		0.0	-1.207e+05	-0.04	0.0	150.0	-7411.79	-2290.41	1811.92	1.512e+04	1.512e+05	0.0
35	144	8.589e+04	2.112e+05	0.68	-4580.81	0.0	-6825.69	2290.41	2538.25	1.228e+04	-1.696e+05	0.0
		0.0	-1.696e+05	-0.05	0.0	150.0	-6825.69	-2290.41	2538.25	1.228e+04	2.112e+05	0.0
35	146	8.589e+04	2.115e+05	0.70	-4580.81	0.0	-6601.61	2290.41	2545.02	1.341e+04	-1.703e+05	0.0
		0.0	-1.703e+05	-0.05	0.0	150.0	-6601.61	-2290.41	2545.02	1.341e+04	2.115e+05	0.0
36	2	1.371e+04	9.528e+04	-0.94	-731.25	0.0	-3.927e+04	365.63	-1842.83	3.371e+04	9.528e+04	0.0
		0.0	-1.811e+05	5.38e-03	0.0	150.0	-3.927e+04	-365.63	-1842.83	3.371e+04	-1.811e+05	0.0
36	23	1.371e+04	1.011e+05	-0.99	-731.25	0.0	-3.563e+04	365.62	-2077.46	2.761e+04	1.011e+05	0.0
		0.0	-1.674e+05	-3.79e-03	569.43	150.0	-3.563e+04	-365.62	-1508.03	2.761e+04	-1.674e+05	0.0
36	47	1.371e+04	7.401e+04	-0.99	-731.25	0.0	-3.554e+04	365.63	-1071.18	4.471e+04	7.401e+04	0.0
		0.0	-1.729e+05	-3.22e-03	-1138.86	150.0	-3.554e+04	-365.63	-2210.04	4.471e+04	-1.729e+05	0.0
36	79	1.055e+04	7.021e+04	-0.83	-562.50	0.0	-2.715e+04	281.25	-1325.43	2.521e+04	7.021e+04	0.0
		0.0	-1.286e+05	-2.17e-03	0.0	150.0	-2.715e+04	-281.25	-1325.43	2.521e+04	-1.286e+05	0.0
36	90	1.055e+04	6.802e+04	-0.74	-562.50	0.0	-2.726e+04	281.25	-1285.18	2.424e+04	6.802e+04	0.0
		0.0	-1.248e+05	-2.18e-03	0.0	150.0	-2.726e+04	-281.25	-1285.18	2.424e+04	-1.248e+05	0.0
36	110	1.055e+04	1.129e+05	-0.71	-562.50	0.0	-3.034e+04	281.25	-1820.00	3.604e+04	1.129e+05	0.0
		0.0	-1.617e+05	7.50e-03	0.0	150.0	-3.034e+04	-281.25	-1820.00	3.604e+04	-1.617e+05	0.0
36	111	1.055e+04	2.905e+04	-0.74	-562.50	0.0	-2.459e+04	281.25	-856.31	1.512e+04	2.905e+04	0.0
		0.0	-9.784e+04	-0.01	0.0	150.0	-2.459e+04	-281.25	-856.31	1.512e+04	-9.784e+04	0.0
36	114	1.055e+04	1.137e+05	-0.71	-562.50	0.0	-3.030e+04	281.25	-1848.54	3.634e+04	1.137e+05	0.0
		0.0	-1.637e+05	7.41e-03	0.0	150.0	-3.030e+04	-281.25	-1848.54	3.634e+04	-1.637e+05	0.0
36	117	1.055e+04	2.897e+04	-0.70	-562.50	0.0	-2.642e+04	281.25	-839.77	1.535e+04	2.897e+04	0.0
		0.0	-9.851e+04	8.53e-03	0.0	150.0	-2.642e+04	-281.25	-839.77	1.535e+04	-9.851e+04	0.0
36	122	1.055e+04	1.154e+05	-0.75	-562.50	0.0	-2.885e+04	281.25	-1845.83	3.647e+04	1.154e+05	0.0
		0.0	-1.616e+05	-0.01	0.0	150.0	-2.885e+04	-281.25	-1845.83	3.647e+04	-1.616e+05	0.0
36	124	1.055e+04	1.121e+05	-0.74	-562.50	0.0	-2.854e+04	281.25	-1808.00	3.552e+04	1.121e+05	0.0
		0.0	-1.590e+05	-0.01	0.0	150.0	-2.854e+04	-281.25	-1808.00	3.552e+04	-1.590e+05	0.0
36	142	1.055e+04	1.210e+05	-0.70	-562.50	0.0	-3.091e+04	281.25	-1915.21	3.806e+04	1.210e+05	0.0
		0.0	-1.680e+05	8.99e-03	0.0	150.0	-3.091e+04	-281.25	-1915.21	3.806e+04	-1.680e+05	0.0
36	143	1.055e+04	2.097e+04	-0.74	-562.50	0.0	-2.401e+04	281.25	-761.10	1.311e+04	2.097e+04	0.0
		0.0	-9.151e+04	-0.01	0.0	150.0	-2.401e+04	-281.25	-761.10	1.311e+04	-9.151e+04	0.0
36	146	1.055e+04	1.221e+05	-0.70	-562.50	0.0	-3.087e+04	281.25	-1948.33	3.844e+04	1.221e+05	0.0
		0.0	-1.703e+05	8.88e-03	0.0	150.0	-3.087e+04	-281.25	-1948.33	3.844e+04	-1.703e+05	0.0
36	149	1.055e+04	2.057e+04	-0.70	-562.50	0.0	-2.621e+04	281.25	-742.09	1.330e+04	2.057e+04	0.0
		0.0	-9.238e+04	0.01	0.0	150.0	-2.621e+04	-281.25	-742.09	1.330e+04	-9.238e+04	0.0
36	154	1.055e+04	1.242e+05	-0.76	-562.50	0.0	-2.913e+04	281.25	-1946.49	3.863e+04	1.242e+05	0.0
		0.0	-1.679e+05	-0.01	0.0	150.0	-2.913e+04	-281.25	-1946.49	3.863e+04	-1.679e+05	0.0
36	156	1.055e+04	1.203e+05	-0.74	-562.50	0.0	-2.876e+04	281.25	-1901.09	3.749e+04	1.203e+05	0.0
		0.0	-1.648e+05	-0.01	0.0	150.0	-2.876e+04	-281.25	-1901.09	3.749e+04	-1.648e+05	0.0
37	2	5.669e+04	0.0	0.93	-1486.88	0.0	-4.479e+04	743.44	-494.25	0.0	0.0	0.0
		0.0	-1.507e+05	0.03	0.0	305.0	-4.479e+04	-743.44	-494.25	0.0	-1.507e+05	0.0
37	75	5.669e+04	0.0	1.04	-1486.88	0.0	-4.074e+04	743.44	-411.83	0.0	0.0	0.0
		0.0	-1.256e+05	0.02	0.0	305.0	-4.074e+04	-743.44	-411.83	0.0	-1.256e+05	0.0
37	87	5.669e+04	0.0	1.01	-1486.88	0.0	-4.061e+04	743.44	-412.47	0.0	0.0	0.0
		0.0	-1.258e+05	0.02	0.0	305.0	-4.061e+04	-743.44	-412.47	0.0	-1.258e+05	0.0
37	89	4.361e+04	0.0	0.73	-1143.75	0.0	-3.116e+04	571.87	-317.65	0.0	0.0	0.0
		0.0	-9.688e+04	0.02	0.0	305.0	-3.116e+04	-571.88	-317.65	0.0	-9.688e+04	0.0
37	110	4.361e+04	0.0	0.71	-1143.75	0.0	-3.434e+04	571.87	-388.80	0.0	0.0	0.0
		0.0	-1.186e+05	0.03	0.0	305.0	-3.434e+04	-571.88	-388.80	0.0	-1.186e+05	0.0
37	111	4.361e+04	0.0	0.71	-1143.75	0.0	-2.850e+04	571.87	-240.86	0.0	0.0	0.0
		0.0	-7.346e+04	-0.01	0.0	305.0	-2.850e+04	-571.88	-240.86	0.0	-7.346e+04	0.0
37	116	4.361e+04	0.0	0.69	-1143.75	0.0	-3.396e+04	571.87	-401.91	0.0	0.0	0.0
		0.0	-1.226e+05	0.03	0.0	305.0	-3.396e+04	-571.88	-401.91	0.0	-1.226e+05	0.0
37	122	4.361e+04	0.0	0.75	-1143.75	0.0	-3.285e+04	571.87	-380.36	0.0	0.0	0.0
		0.0	-1.160e+05	-0.01	0.0	305.0	-3.285e+04	-571.88	-380.36	0.0	-1.160e+05	0.0
37	123	4.361e+04	0.0	0.67	-1143.75	0.0	-2.999e+04	571.88	-249.31	0.0	0.0	0.0
		0.0	-7.604e+04	0.02	0.0	305.0	-2.999e+04	-571.87	-249.31	0.0	-7.604e+04	0.0
37	142	4.361e+04	0.0	0.71	-1143.75	0.0	-3.492e+04	571.87	-403.40	0.0	0.0	0.0
		0.0	-1.230e+05	0.03	0.0	305.0	-3.492e+04	-571.88	-403.40	0.0	-1.230e+05	0.0
37	143	4.361e+04	0.0	0.71	-1143.75	0.0	-2.792e+04	571.87	-226.26	0.0	0.0	0.0
		0.0	-6.901e+04	-0.02	0.0	305.0	-2.792e+04	-571.88	-226.26	0.0	-6.901e+04	0.0
37	148	4.361e+04	0.0	0.69	-1143.75	0.0	-3.447e+04	571.87	-419.11	0.0	0.0	0.0
		0.0	-1.278e+05	0.03	0.0	305.0	-3.447e+04	-571.88	-419.11	0.0	-1.278e+05	0.0
37	154	4.361e+04	0.0	0.76	-1143.75	0.0	-3.314e+04	571.87	-393.44	0.0	0.0	0.0
		0.0	-1.200e+05	-0.02	0.0	305.0	-3.314e+04	-571.88	-393.44	0.0	-1.200e+05	0.0
37	155	4.361e+04	0.0	0.66	-1143.75	0.0	-2.970e+04	571.88	-236.22	0.0	0.0	0.0
		0.0	-7.205e+04	0.02	0.0	305.0	-2.970e+04	-571.87	-236.22	0.0	-7.205e+04	0.0
38	2	3.738e+05	1.496e+05	0.07	-609.38	0.0	-7.078e+04	-4563.60	-2964.52	7.702e+04	1.496e+05	3.738e+05
		-2.347e+05	-2.209e+05	0.02	0.0	125.0	-7.078e+04	-5172.97	-2964.52	7.702e+04	-2.209e+05	-2.347e+05
38	67	3.781e+05	1.471e+05	0.07	-609.38	0.0	-6.144e+04	-4777.66	-2848.04	7.243e+04	1.471e+05	3.781e+05
		-2.572e+05	-2.089e+05	0.01	0.0	125.0	-6.144e+04	-5387.04	-2848.04	7.243e+04	-2.089e+05	-2.572e+05
38	76	3.589e+05	1.284e+05	0.08	-609.38	0.0	-6.036e+04	-4859.31	-2577.30	6.616e+04	1.284e+05	3.589e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-2.866e+05	-1.937e+05	0.01	0.0	125.0	-6.036e+04	-5468.68	-2577.30	6.616e+04	-1.937e+05	-2.866e+05
38	92	2.647e+05	9.372e+04	0.06	-468.75	0.0	-4.615e+04	-3581.35	-1906.40	4.916e+04	9.372e+04	2.647e+05
		-2.122e+05	-1.446e+05	0.01	0.0	125.0	-4.615e+04	-4050.10	-1906.40	4.916e+04	-1.446e+05	-2.122e+05
38	117	2.126e+05	6.633e+04	0.04	-468.75	0.0	-4.110e+04	-3566.18	-1001.27	2.979e+04	6.633e+04	2.126e+05
		-2.566e+05	-5.883e+04	0.03	0.0	125.0	-4.110e+04	-4034.93	-1001.27	2.979e+04	-5.883e+04	-2.566e+05
38	120	3.293e+05	1.388e+05	0.07	-468.75	0.0	-5.234e+04	-3315.35	-3116.81	7.549e+04	1.388e+05	3.293e+05
		-1.203e+05	-2.508e+05	-5.32e-03	0.0	125.0	-5.234e+04	-3784.10	-3116.81	7.549e+04	-2.508e+05	-1.203e+05
38	149	2.017e+05	5.944e+04	0.04	-468.75	0.0	-4.003e+04	-3572.87	-800.46	2.546e+04	5.944e+04	2.017e+05
		-2.698e+05	-4.061e+04	0.03	0.0	125.0	-4.003e+04	-4041.62	-800.46	2.546e+04	-4.061e+04	-2.698e+05
38	152	3.401e+05	1.457e+05	0.07	-468.75	0.0	-5.341e+04	-3308.66	-3317.62	7.982e+04	1.457e+05	3.401e+05
		-1.071e+05	-2.690e+05	-8.47e-03	0.0	125.0	-5.341e+04	-3777.41	-3317.62	7.982e+04	-2.690e+05	-1.071e+05
39	2	6855.47	1.471e+05	0.08	-365.63	0.0	1467.95	182.81	1978.01	-3.168e+04	-1.496e+05	0.0
		0.0	-1.496e+05	-0.05	0.0	150.0	1467.95	-182.81	1978.01	-3.168e+04	1.471e+05	0.0
39	26	5273.44	9.813e+04	0.06	-281.25	0.0	615.16	140.62	1330.31	-2.700e+04	-1.014e+05	0.0
		0.0	-1.014e+05	-0.03	0.0	150.0	615.16	-140.63	1330.31	-2.700e+04	9.813e+04	0.0
39	47	6855.47	1.301e+05	0.08	-365.63	0.0	1491.83	182.81	1768.22	-3.675e+04	-1.351e+05	0.0
		0.0	-1.351e+05	-0.05	0.0	150.0	1491.83	-182.81	1768.22	-3.675e+04	1.301e+05	0.0
39	66	6855.48	1.172e+05	0.08	-365.63	0.0	1184.47	182.81	2310.77	-3.408e+04	-1.467e+05	0.0
		0.0	-1.467e+05	-0.05	-1103.40	150.0	1184.47	-182.81	1207.38	-3.408e+04	1.172e+05	0.0
39	75	6855.47	1.321e+05	0.09	-365.63	0.0	1361.72	182.81	1572.03	-3.915e+04	-1.286e+05	0.0
		0.0	-1.286e+05	-0.04	331.02	150.0	1361.72	-182.81	1903.05	-3.915e+04	1.321e+05	0.0
39	93	5273.44	7.669e+04	0.06	-281.25	0.0	441.19	140.63	1065.72	-2.617e+04	-8.316e+04	0.0
		0.0	-8.316e+04	-0.04	0.0	150.0	441.19	-140.62	1065.72	-2.617e+04	7.669e+04	0.0
39	95	5273.44	1.061e+05	0.06	-281.25	0.0	1439.24	140.62	1436.49	-2.743e+04	-1.094e+05	0.0
		0.0	-1.094e+05	-0.02	0.0	150.0	1439.24	-140.63	1436.49	-2.743e+04	1.061e+05	0.0
39	96	5273.44	1.211e+05	0.07	-281.25	0.0	1530.43	140.62	1620.47	-2.787e+04	-1.220e+05	0.0
		0.0	-1.220e+05	-0.03	0.0	150.0	1530.43	-140.63	1620.47	-2.787e+04	1.211e+05	0.0
39	110	5273.44	1.194e+05	0.06	-281.25	0.0	988.10	140.63	1594.12	-2.758e+04	-1.197e+05	0.0
		0.0	-1.197e+05	-0.04	0.0	150.0	988.10	-140.62	1594.12	-2.758e+04	1.194e+05	0.0
39	120	5273.44	1.412e+05	0.07	-281.25	0.0	1245.58	140.62	1866.76	-2.663e+04	-1.388e+05	0.0
		0.0	-1.388e+05	-0.05	0.0	150.0	1245.58	-140.63	1866.76	-2.663e+04	1.412e+05	0.0
39	125	5273.44	7.245e+04	0.06	-281.25	0.0	331.04	140.63	1013.00	-2.618e+04	-7.949e+04	0.0
		0.0	-7.949e+04	-0.04	0.0	150.0	331.04	-140.62	1013.00	-2.618e+04	7.245e+04	0.0
39	127	5273.44	1.077e+05	0.06	-281.25	0.0	1531.32	140.62	1457.37	-2.738e+04	-1.109e+05	0.0
		0.0	-1.109e+05	-0.02	0.0	150.0	1531.32	-140.63	1457.37	-2.738e+04	1.077e+05	0.0
39	128	5273.44	1.253e+05	0.07	-281.25	0.0	1640.58	140.62	1673.19	-2.787e+04	-1.257e+05	0.0
		0.0	-1.257e+05	-0.02	0.0	150.0	1640.58	-140.63	1673.19	-2.787e+04	1.253e+05	0.0
39	142	5273.44	1.229e+05	0.06	-281.25	0.0	987.88	140.63	1636.13	-2.766e+04	-1.225e+05	0.0
		0.0	-1.225e+05	-0.04	0.0	150.0	987.88	-140.62	1636.13	-2.766e+04	1.229e+05	0.0
39	152	5273.44	1.493e+05	0.07	-281.25	0.0	1297.57	140.63	1966.68	-2.660e+04	-1.457e+05	0.0
		0.0	-1.457e+05	-0.05	0.0	150.0	1297.57	-140.63	1966.68	-2.660e+04	1.493e+05	0.0
40	2	3.242e+05	0.0	-0.09	-7742.27	0.0	-6.057e+04	3871.13	116.27	0.0	-3.895e+04	0.0
		0.0	-3.895e+04	-8.14e-03	0.0	335.0	-6.057e+04	-3871.13	116.27	0.0	0.0	0.0
40	3	3.643e+05	0.0	-0.10	-8699.53	0.0	-5.158e+04	4349.77	59.42	0.0	-1.991e+04	0.0
		0.0	-1.991e+04	-0.02	0.0	335.0	-5.158e+04	-4349.77	59.42	0.0	0.0	0.0
40	22	3.242e+05	0.0	-0.09	-7742.27	0.0	-5.174e+04	3871.13	57.76	0.0	-1.935e+04	0.0
		0.0	-1.935e+04	-0.02	0.0	335.0	-5.174e+04	-3871.13	57.76	0.0	0.0	0.0
40	55	3.643e+05	0.0	-0.10	-8699.53	0.0	-5.155e+04	4349.77	53.43	0.0	-1.790e+04	0.0
		0.0	-1.790e+04	-0.02	0.0	335.0	-5.155e+04	-4349.77	53.43	0.0	0.0	0.0
40	60	2.858e+05	0.0	-0.08	-6823.95	0.0	-3.958e+04	3411.97	42.39	0.0	-1.420e+04	0.0
		0.0	-1.420e+04	-0.02	0.0	335.0	-3.958e+04	-3411.98	42.39	0.0	0.0	0.0
40	93	2.478e+05	0.0	-0.07	-5916.94	0.0	-3.828e+04	2958.47	24.11	0.0	-8077.88	0.0
		0.0	-8077.88	-0.02	0.0	335.0	-3.828e+04	-2958.47	24.11	0.0	0.0	0.0
40	111	2.478e+05	0.0	-0.08	-5916.94	0.0	-3.761e+04	2958.47	141.84	0.0	-4.752e+04	0.0
		0.0	-4.752e+04	-0.05	0.0	335.0	-3.761e+04	-2958.47	141.84	0.0	0.0	0.0
40	117	2.478e+05	0.0	-0.08	-5916.94	0.0	-3.638e+04	2958.47	163.22	0.0	-5.468e+04	0.0
		0.0	-5.468e+04	0.01	0.0	335.0	-3.638e+04	-2958.47	163.22	0.0	0.0	0.0
40	118	2.478e+05	3.286e+04	-0.06	-5916.94	0.0	-4.273e+04	2958.47	-98.08	0.0	3.286e+04	0.0
		0.0	0.0	-0.02	0.0	335.0	-4.273e+04	-2958.47	-98.08	0.0	0.0	0.0
40	119	2.478e+05	0.0	-0.08	-5916.94	0.0	-3.685e+04	2958.47	191.33	0.0	-6.410e+04	0.0
		0.0	-6.410e+04	0.01	0.0	335.0	-3.685e+04	-2958.47	191.33	0.0	0.0	0.0
40	120	2.478e+05	2.344e+04	-0.06	-5916.94	0.0	-4.321e+04	2958.47	-69.96	0.0	2.344e+04	0.0
		0.0	0.0	-0.03	0.0	335.0	-4.321e+04	-2958.47	-69.96	0.0	0.0	0.0
40	125	2.478e+05	0.0	-0.07	-5916.94	0.0	-3.799e+04	2958.47	19.16	0.0	-6419.06	0.0
		0.0	-6419.06	-0.02	0.0	335.0	-3.799e+04	-2958.47	19.16	0.0	0.0	0.0
40	143	2.478e+05	0.0	-0.09	-5916.94	0.0	-3.722e+04	2958.47	158.89	0.0	-5.323e+04	0.0
		0.0	-5.323e+04	-0.05	0.0	335.0	-3.722e+04	-2958.47	158.89	0.0	0.0	0.0
40	149	2.478e+05	0.0	-0.08	-5916.94	0.0	-3.572e+04	2958.47	185.45	0.0	-6.212e+04	0.0
		0.0	-6.212e+04	0.01	0.0	335.0	-3.572e+04	-2958.47	185.45	0.0	0.0	0.0
40	150	2.478e+05	4.216e+04	-0.06	-5916.94	0.0	-4.330e+04	2958.47	-125.85	0.0	4.216e+04	0.0
		0.0	0.0	-0.03	0.0	335.0	-4.330e+04	-2958.47	-125.85	0.0	0.0	0.0
40	151	2.478e+05	0.0	-0.08	-5916.94	0.0	-3.629e+04	2958.47	219.10	0.0	-7.340e+04	0.0
		0.0	-7.340e+04	0.01	0.0	335.0	-3.629e+04	-2958.47	219.10	0.0	0.0	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
40	152	2.478e+05	3.088e+04	-0.06	-5916.94	0.0	-4.386e+04	2958.47	-92.19	0.0	3.088e+04	0.0
		0.0	0.0	-0.03	0.0	335.0	-4.386e+04	-2958.47	-92.19	0.0	0.0	0.0
45	2	0.0	0.0	-0.02	-834.99	0.0	-1737.10	-2124.26	0.0	0.0	0.0	0.0
		-4.019e+05	0.0	9.59e-03	0.0	158.1	-2015.43	-2959.24	0.0	0.0	0.0	-4.019e+05
45	21	0.0	0.0	-0.02	-834.99	0.0	-2018.22	-2125.42	-287.32	-4.74e-05	0.0	0.0
		-4.021e+05	-1.125e+04	9.47e-03	569.43	158.1	-2296.55	-2960.41	282.11	-4.74e-05	0.0	-4.021e+05
45	45	0.0	2.251e+04	-0.02	-834.99	0.0	-1161.03	-2125.68	574.63	1.42e-04	0.0	0.0
		-4.021e+05	0.0	-8.11e-03	-1138.86	158.1	-1439.36	-2960.67	-564.23	1.42e-04	1.46e-03	-4.021e+05
45	49	0.0	2.251e+04	-0.02	-620.30	0.0	-746.39	-1620.75	574.63	1.42e-04	0.0	0.0
		-3.053e+05	0.0	-8.90e-03	-1138.86	158.1	-953.16	-2241.06	-564.23	1.42e-04	1.46e-03	-3.053e+05
45	76	0.0	0.0	-0.02	-1071.80	0.0	-2212.09	-2326.50	0.0	0.0	0.0	0.0
		-4.526e+05	0.0	2.25e-03	0.0	158.1	-2569.35	-3398.30	0.0	0.0	0.0	-4.526e+05
45	88	0.0	0.0	-0.02	-953.39	0.0	-2345.20	-2279.32	0.0	0.0	0.0	0.0
		-4.358e+05	0.0	5.05e-04	0.0	158.1	-2663.00	-3232.71	0.0	0.0	0.0	-4.358e+05
45	104	0.0	0.0	-0.02	-632.73	0.0	-1232.01	-1756.56	0.0	0.0	0.0	0.0
		-3.278e+05	0.0	1.89e-03	0.0	158.1	-1442.92	-2389.30	0.0	0.0	0.0	-3.278e+05
45	110	0.0	0.0	0.02	-632.73	0.0	-1671.88	-1671.73	0.0	0.0	0.0	0.0
		-3.143e+05	0.0	8.78e-03	0.0	158.1	-1882.79	-2304.46	0.0	0.0	0.0	-3.143e+05
45	111	0.0	0.0	-0.02	-632.73	0.0	-981.53	-1585.89	0.0	0.0	0.0	0.0
		-3.008e+05	0.0	-2.86e-03	0.0	158.1	-1192.44	-2218.63	0.0	0.0	0.0	-3.008e+05
45	121	0.0	0.0	-0.02	-632.73	0.0	-1217.58	-1529.71	0.0	0.0	0.0	0.0
		-2.919e+05	0.0	0.02	0.0	158.1	-1428.49	-2162.44	0.0	0.0	0.0	-2.919e+05
45	124	0.0	0.0	0.02	-632.73	0.0	-1435.83	-1727.91	0.0	0.0	0.0	0.0
		-3.232e+05	0.0	-0.01	0.0	158.1	-1646.74	-2360.65	0.0	0.0	0.0	-3.232e+05
45	136	0.0	0.0	0.02	-632.73	0.0	-1214.04	-1782.47	0.0	0.0	0.0	0.0
		-3.319e+05	0.0	1.69e-03	0.0	158.1	-1424.95	-2415.20	0.0	0.0	0.0	-3.319e+05
45	142	0.0	0.0	0.02	-632.73	0.0	-1739.55	-1680.43	0.0	0.0	0.0	0.0
		-3.157e+05	0.0	9.98e-03	0.0	158.1	-1950.46	-2313.16	0.0	0.0	0.0	-3.157e+05
45	143	0.0	0.0	-0.02	-632.73	0.0	-913.85	-1577.19	0.0	0.0	0.0	0.0
		-2.994e+05	0.0	-4.06e-03	0.0	158.1	-1124.76	-2209.93	0.0	0.0	0.0	-2.994e+05
45	153	0.0	0.0	-0.02	-632.73	0.0	-1196.00	-1509.61	0.0	0.0	0.0	0.0
		-2.887e+05	0.0	0.02	0.0	158.1	-1406.91	-2142.34	0.0	0.0	0.0	-2.887e+05
45	156	0.0	0.0	0.02	-632.73	0.0	-1457.41	-1748.01	0.0	0.0	0.0	0.0
		-3.264e+05	0.0	-0.02	0.0	158.1	-1668.32	-2380.75	0.0	0.0	0.0	-3.264e+05
48	36	5.784e+04	1.461e+04	0.08	-365.62	0.0	640.47	-697.64	-209.51	4.433e+04	1.461e+04	5.784e+04
		-5.750e+04	-3.157e+04	-5.29e-03	-288.09	131.0	755.13	-1063.27	-497.60	4.433e+04	-3.157e+04	-5.750e+04
48	69	4.059e+04	114.89	0.05	-281.25	0.0	289.07	-477.34	46.87	3.059e+04	-6025.36	4.059e+04
		-4.037e+04	-6025.36	-4.47e-03	0.0	131.0	377.27	-758.59	46.87	3.059e+04	114.89	-4.037e+04
48	76	5.852e+04	2.919e+04	0.08	-365.63	0.0	560.16	-707.56	-537.95	4.463e+04	2.919e+04	5.852e+04
		-5.812e+04	-4.129e+04	-5.64e-03	0.0	131.0	674.82	-1073.19	-537.95	4.463e+04	-4.129e+04	-5.812e+04
48	87	5.700e+04	3.716e+04	0.08	-365.63	0.0	492.39	-684.02	-650.30	4.333e+04	3.716e+04	5.700e+04
		-5.656e+04	-4.803e+04	-5.29e-03	0.0	131.0	607.05	-1049.64	-650.30	4.333e+04	-4.803e+04	-5.656e+04
48	113	3.875e+04	4983.23	0.05	-281.25	0.0	351.43	-450.32	-129.93	2.943e+04	4983.23	3.875e+04
		-3.867e+04	-1.108e+04	-0.01	0.0	131.0	439.63	-731.57	-129.93	2.943e+04	-1.108e+04	-3.867e+04
48	116	4.388e+04	1.864e+04	0.07	-281.25	0.0	524.62	-525.53	-373.18	3.374e+04	1.864e+04	4.388e+04
		-4.339e+04	-3.120e+04	1.74e-03	0.0	131.0	612.82	-806.78	-373.18	3.374e+04	-3.120e+04	-4.339e+04
48	118	4.386e+04	2.653e+04	0.07	-281.25	0.0	470.53	-524.82	-493.99	3.369e+04	2.653e+04	4.386e+04
		-4.331e+04	-3.686e+04	-7.96e-03	0.0	131.0	558.73	-806.07	-493.99	3.369e+04	-3.686e+04	-4.331e+04
48	120	4.446e+04	2.518e+04	0.07	-281.25	0.0	479.19	-534.06	-473.56	3.418e+04	2.518e+04	4.446e+04
		-4.392e+04	-3.820e+04	-8.21e-03	0.0	131.0	567.39	-815.31	-473.56	3.418e+04	-3.820e+04	-4.392e+04
48	145	3.836e+04	3685.80	0.05	-281.25	0.0	334.97	-444.77	-106.74	2.909e+04	3685.80	3.836e+04
		-3.833e+04	-9178.13	-0.01	0.0	131.0	423.17	-726.02	-106.74	2.909e+04	-9178.13	-3.833e+04
48	148	4.426e+04	1.994e+04	0.07	-281.25	0.0	541.08	-531.09	-396.38	3.408e+04	1.994e+04	4.426e+04
		-4.373e+04	-3.311e+04	2.81e-03	0.0	131.0	629.28	-812.34	-396.38	3.408e+04	-3.311e+04	-4.373e+04
48	150	4.433e+04	2.933e+04	0.07	-281.25	0.0	477.45	-531.53	-539.84	3.408e+04	2.933e+04	4.433e+04
		-4.372e+04	-3.994e+04	-8.64e-03	0.0	131.0	565.65	-812.78	-539.84	3.408e+04	-3.994e+04	-4.372e+04
48	152	4.498e+04	2.778e+04	0.07	-281.25	0.0	486.37	-541.57	-517.02	3.461e+04	2.778e+04	4.498e+04
		-4.439e+04	-4.140e+04	-8.94e-03	0.0	131.0	574.57	-822.82	-517.02	3.461e+04	-4.140e+04	-4.439e+04
49	26	0.0	3.111e+04	1.45e-03	-337.50	0.0	-237.70	339.16	362.16	-4.084e+04	-2.322e+04	-2.556e+04
		-2.556e+04	-2.322e+04	-0.02	0.0	150.0	-237.70	1.66	362.16	-4.084e+04	3.111e+04	0.0
49	68	0.0	3910.75	1.84e-03	-438.75	0.0	42.65	471.20	434.78	-5.508e+04	-1.966e+04	-3.777e+04
		-3.777e+04	-1.966e+04	-9.37e-03	-600.65	150.0	42.65	32.45	-165.87	-5.508e+04	506.02	0.0
49	87	264.28	9.962e+04	2.86e-03	-438.75	0.0	650.30	399.19	455.47	-5.656e+04	-5.880e+04	-2.697e+04
		-2.697e+04	-5.880e+04	-0.03	1201.30	150.0	650.30	-39.56	1656.77	-5.656e+04	9.962e+04	0.0
49	88	261.15	9.979e+04	2.39e-03	-438.75	0.0	649.57	399.40	456.51	-5.659e+04	-5.879e+04	-2.700e+04
		-2.700e+04	-5.879e+04	-0.03	1201.30	150.0	649.57	-39.35	1657.81	-5.659e+04	9.979e+04	0.0
49	89	461.96	8.803e+04	2.28e-03	-337.50	0.0	560.04	291.77	307.37	-4.188e+04	-4.817e+04	-1.845e+04
		-1.845e+04	-4.817e+04	-0.02	1201.30	150.0	560.04	-45.73	1508.67	-4.188e+04	8.803e+04	0.0
49	117	0.0	6786.44	8.55e-04	-337.50	0.0	-11.48	344.54	129.68	-3.814e+04	-1.263e+04	-2.637e+04
		-2.637e+04	-1.263e+04	-7.85e-03	0.0	150.0	-11.48	7.04	129.68	-3.814e+04	6786.44	0.0
49	118	198.02	5.762e+04	2.03e-03	-337.50	0.0	428.54	307.42	686.01	-4.331e+04	-4.526e+04	-2.080e+04
		-2.080e+04	-4.526e+04	-0.02	0.0	150.0	428.54	-30.08	686.01	-4.331e+04	5.762e+04	0.0
49	119	0.0	8639.42	1.16e-03	-337.50	0.0	74.57	347.56	150.75	-3.875e+04	-1.399e+04	-2.682e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-2.682e+04	-1.399e+04	-4.22e-03	0.0	150.0	74.57	10.06	150.75	-3.875e+04	8639.42	0.0
49	120	154.74	5.948e+04	2.81e-03	-337.50	0.0	514.59	310.45	707.07	-4.392e+04	-4.662e+04	-2.125e+04
		-2.125e+04	-4.662e+04	-0.02	0.0	150.0	514.59	-27.05	707.07	-4.392e+04	5.948e+04	0.0
49	149	0.0	1922.95	-9.73e-04	-337.50	0.0	-62.44	347.74	76.01	-3.767e+04	-9442.56	-2.685e+04
		-2.685e+04	-9442.56	-6.67e-03	0.0	150.0	-62.44	10.24	76.01	-3.767e+04	1922.95	0.0
49	150	251.46	6.249e+04	2.21e-03	-337.50	0.0	462.93	303.86	738.95	-4.372e+04	-4.834e+04	-2.027e+04
		-2.027e+04	-4.834e+04	-0.03	0.0	150.0	462.93	-33.64	738.95	-4.372e+04	6.249e+04	0.0
49	151	0.0	3775.19	1.13e-03	-337.50	0.0	40.19	351.13	97.80	-3.834e+04	-1.091e+04	-2.736e+04
		-2.736e+04	-1.091e+04	-2.29e-03	0.0	150.0	40.19	13.63	97.80	-3.834e+04	3775.19	0.0
49	152	200.72	6.434e+04	3.15e-03	-337.50	0.0	565.56	307.24	760.74	-4.439e+04	-4.981e+04	-2.077e+04
		-2.077e+04	-4.981e+04	-0.02	0.0	150.0	565.56	-30.26	760.74	-4.439e+04	6.434e+04	0.0
49	156	207.90	6.449e+04	3.13e-03	-337.50	0.0	564.61	306.77	760.44	-4.432e+04	-4.966e+04	-2.070e+04
		-2.070e+04	-4.966e+04	-0.02	0.0	150.0	564.61	-30.73	760.44	-4.432e+04	6.449e+04	0.0
50	2	4.146e+04	-2224.62	0.07	-438.75	0.0	-313.32	-57.02	-143.70	-5.072e+04	-2224.62	4.146e+04
		0.0	-2.378e+04	9.95e-03	0.0	150.0	-313.32	-495.77	-143.70	-5.072e+04	-2.378e+04	0.0
50	23	4.725e+04	-8246.90	0.08	-438.75	0.0	-813.58	-95.65	-100.86	-5.590e+04	-8246.90	4.725e+04
		0.0	-2.338e+04	3.88e-03	0.0	150.0	-813.58	-534.40	-100.86	-5.590e+04	-2.338e+04	0.0
50	68	3.945e+04	1.433e+04	0.08	-438.75	0.0	-42.65	-43.59	-14.12	-5.537e+04	1.433e+04	3.945e+04
		0.0	-7.054e+04	0.02	-1103.40	150.0	-42.65	-482.34	-1117.52	-5.537e+04	-7.054e+04	0.0
50	70	2.739e+04	1.498e+04	0.06	-337.50	0.0	47.61	-13.83	27.66	-4.061e+04	1.498e+04	2.739e+04
		0.0	-6.362e+04	0.01	-1103.40	150.0	47.60	-351.33	-1075.74	-4.061e+04	-6.362e+04	0.0
50	88	5.247e+04	1.119e+04	0.08	-438.75	0.0	-649.57	-130.41	-51.85	-5.703e+04	-2.241e+04	5.247e+04
		0.0	-2.277e+04	-1.98e-03	551.70	150.0	-649.57	-569.16	499.85	-5.703e+04	1.119e+04	0.0
50	89	4.041e+04	1.822e+04	0.06	-337.50	0.0	-560.05	-100.63	-8.80	-4.225e+04	-2.184e+04	4.041e+04
		0.0	-2.184e+04	-3.74e-03	551.70	150.0	-560.05	-438.13	542.90	-4.225e+04	1.822e+04	0.0
50	119	2.764e+04	1.152e+04	0.05	-337.50	0.0	36.14	-15.51	-284.35	-3.876e+04	1.152e+04	2.764e+04
		0.0	-3.119e+04	0.01	0.0	150.0	36.14	-353.01	-284.35	-3.876e+04	-3.119e+04	0.0
50	120	4.043e+04	-7899.01	0.07	-337.50	0.0	-456.22	-100.78	40.00	-4.446e+04	-1.392e+04	4.043e+04
		0.0	-1.392e+04	1.12e-03	0.0	150.0	-456.22	-438.28	40.00	-4.446e+04	-7899.01	0.0
50	122	3.979e+04	-6063.15	0.07	-337.50	0.0	-539.65	-96.52	59.08	-4.392e+04	-1.500e+04	3.979e+04
		0.0	-1.500e+04	-3.00e-03	0.0	150.0	-539.65	-434.02	59.08	-4.392e+04	-6063.15	0.0
50	123	2.755e+04	1.136e+04	0.05	-337.50	0.0	36.53	-14.95	-283.23	-3.870e+04	1.136e+04	2.755e+04
		0.0	-3.120e+04	0.01	0.0	150.0	36.53	-352.45	-283.23	-3.870e+04	-3.120e+04	0.0
50	151	2.646e+04	1.406e+04	0.05	-337.50	0.0	91.28	-7.64	-317.39	-3.829e+04	1.406e+04	2.646e+04
		0.0	-3.361e+04	0.01	0.0	150.0	91.28	-345.14	-317.39	-3.829e+04	-3.361e+04	0.0
50	152	4.169e+04	-5825.69	0.07	-337.50	0.0	-495.00	-109.15	69.46	-4.498e+04	-1.627e+04	4.169e+04
		0.0	-1.627e+04	-1.73e-03	0.0	150.0	-495.00	-446.65	69.46	-4.498e+04	-5825.69	0.0
50	153	2.575e+04	1.279e+04	0.05	-337.50	0.0	-8.70	-2.91	-294.75	-3.771e+04	1.279e+04	2.575e+04
		0.0	-3.142e+04	0.01	0.0	150.0	-8.70	-340.41	-294.75	-3.771e+04	-3.142e+04	0.0
50	154	4.098e+04	-3636.76	0.07	-337.50	0.0	-594.98	-104.42	92.10	-4.440e+04	-1.754e+04	4.098e+04
		0.0	-1.754e+04	-4.46e-03	0.0	150.0	-594.98	-441.92	92.10	-4.440e+04	-3636.76	0.0
50	155	2.637e+04	1.390e+04	0.05	-337.50	0.0	91.87	-7.05	-316.24	-3.823e+04	1.390e+04	2.637e+04
		0.0	-3.362e+04	0.01	0.0	150.0	91.87	-344.55	-316.24	-3.823e+04	-3.362e+04	0.0
51	15	1.371e+04	2.684e+04	4.32e-03	-731.25	0.0	747.39	365.62	-386.40	-1.076e+04	2.684e+04	0.09
		-0.24	-1.712e+04	0.01	0.0	150.0	747.39	-365.63	-386.40	-1.076e+04	-1.712e+04	-0.24
51	35	1.371e+04	2.634e+04	4.71e-03	-731.25	0.0	251.34	365.62	-376.26	-1.126e+04	2.634e+04	0.11
		-0.25	-1.530e+04	0.01	0.0	150.0	251.34	-365.63	-376.26	-1.126e+04	-1.530e+04	-0.25
51	50	1.055e+04	1.914e+04	3.43e-03	-562.50	0.0	-389.46	281.25	-274.94	-8608.33	1.914e+04	0.09
		-0.17	-1.073e+04	8.18e-03	0.0	150.0	-389.46	-281.25	-274.94	-8608.33	-1.073e+04	-0.17
51	67	1.371e+04	3.237e+04	4.71e-03	-731.25	0.0	603.03	365.62	-396.51	-9049.34	3.237e+04	0.12
		-0.25	-1.485e+04	0.01	0.0	150.0	603.03	-365.63	-396.51	-9049.34	-1.485e+04	-0.25
51	85	1.371e+04	1.444e+04	3.95e-03	-731.25	0.0	-66.71	365.62	-334.46	-1.279e+04	1.444e+04	0.10
		-0.21	-1.996e+04	5.49e-03	0.0	150.0	-66.71	-365.63	-334.46	-1.279e+04	-1.996e+04	-0.21
51	88	1.371e+04	1.462e+04	3.77e-03	-731.25	0.0	92.74	365.62	-335.98	-1.273e+04	1.462e+04	0.08
		-0.21	-2.011e+04	5.68e-03	0.0	150.0	92.74	-365.63	-335.98	-1.273e+04	-2.011e+04	-0.21
51	99	1.055e+04	1.947e+04	5.78e-03	-562.50	0.0	97.65	281.25	-278.39	-4969.16	1.947e+04	0.14
		-0.22	-9889.99	0.02	0.0	150.0	97.65	-281.25	-278.39	-4969.16	-9889.99	-0.22
51	113	1.055e+04	2.483e+04	3.53e-03	-562.50	0.0	1044.67	281.25	-268.88	-1178.44	2.483e+04	0.09
		-0.18	-5593.71	5.00e-03	0.0	150.0	1044.67	-281.25	-268.88	-1178.44	-5593.71	-0.18
51	114	1.055e+04	1.557e+04	1.63e-03	-562.50	0.0	-457.48	281.25	-308.38	-1.577e+04	1.557e+04	0.04
		-0.12	-2.065e+04	0.02	0.0	150.0	-457.48	-281.25	-308.38	-1.577e+04	-2.065e+04	-0.12
51	116	1.055e+04	1.486e+04	2.88e-03	-562.50	0.0	-711.28	281.25	-306.09	-1.508e+04	1.486e+04	0.06
		-0.15	-1.979e+04	0.01	0.0	150.0	-711.28	-281.25	-306.09	-1.508e+04	-1.979e+04	-0.15
51	131	1.055e+04	1.941e+04	6.31e-03	-562.50	0.0	84.63	281.25	-276.61	-4416.18	1.941e+04	0.15
		-0.23	-9329.59	0.02	0.0	150.0	84.63	-281.25	-276.61	-4416.18	-9329.59	-0.23
51	145	1.055e+04	2.583e+04	3.73e-03	-562.50	0.0	1222.15	281.25	-265.12	186.83	2.583e+04	0.10
		-0.18	-4169.02	4.23e-03	0.0	150.0	1222.15	-281.25	-265.12	186.83	-4169.02	-0.18
51	146	1.055e+04	1.471e+04	1.18e-03	-562.50	0.0	-584.52	281.25	-312.59	-1.727e+04	1.471e+04	0.03
		-0.12	-2.225e+04	0.02	0.0	150.0	-584.52	-281.25	-312.59	-1.727e+04	-2.225e+04	-0.12
51	148	1.055e+04	1.386e+04	2.68e-03	-562.50	0.0	-888.76	281.25	-309.86	-1.644e+04	1.386e+04	0.06
		-0.15	-2.121e+04	0.01	0.0	150.0	-888.76	-281.25	-309.86	-1.644e+04	-2.121e+04	-0.15
52	2	1.281e+04	-1842.81	-2.77e-03	-706.88	0.0	-8321.43	353.44	168.04	6542.22	-1.177e+04	-0.39
		-0.39	-1.177e+04	4.41e-03	0.0	145.0	-8321.43	-353.43	168.04	6542.22	-1842.81	0.26

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
52	68	1.281e+04	5757.27	-2.09e-03	-706.88	0.0	-8478.88	353.44	168.66	4710.14	-7691.86	-0.34
		-0.34	-7691.86	-4.52e-03	0.0	145.0	-8478.88	-353.43	168.66	4710.14	5757.27	0.16
52	72	9855.39	6562.50	-1.71e-03	-543.75	0.0	-6713.42	271.88	137.57	3503.46	-4977.18	-0.28
		-0.28	-4977.18	-4.38e-03	0.0	145.0	-6713.42	-271.87	137.57	3503.46	6562.50	0.13
52	85	1.281e+04	-9847.22	-1.75e-03	-706.88	0.0	-6881.47	353.44	124.03	6502.74	-1.419e+04	-0.26
		-0.26	-1.419e+04	3.12e-03	0.0	145.0	-6881.47	-353.43	124.03	6502.74	-9847.22	0.16
52	89	9855.44	-9041.99	-1.36e-03	-543.75	0.0	-5116.01	271.88	92.95	5296.05	-1.148e+04	-0.19
		-0.19	-1.148e+04	3.26e-03	0.0	145.0	-5116.01	-271.87	92.95	5296.05	-9041.99	0.13
52	94	9855.41	-4741.11	-3.07e-03	-543.75	0.0	-4789.58	271.88	110.86	5513.37	-1.165e+04	-0.35
		-0.35	-1.165e+04	7.00e-03	0.0	145.0	-4789.58	-271.87	110.86	5513.37	-4741.11	0.23
52	95	9855.43	-150.67	-2.11e-04	-543.75	0.0	-7092.41	271.88	105.26	2819.42	-6525.18	-0.09
		-0.09	-6525.18	-8.05e-03	0.0	145.0	-7092.41	-271.87	105.26	2819.42	-150.67	0.02
52	110	9855.41	-7633.86	-2.73e-03	-543.75	0.0	-4007.16	271.88	111.24	6833.22	-1.452e+04	-0.33
		-0.33	-1.452e+04	0.01	0.0	145.0	-4007.16	-271.87	111.24	6833.22	-7633.86	0.22
52	111	9855.43	2742.07	-3.87e-04	-543.75	0.0	-7874.83	271.88	104.88	1499.58	-3652.61	-0.11
		-0.11	-3652.61	-0.01	0.0	145.0	-7874.83	-271.87	104.88	1499.58	2742.07	0.04
52	118	9855.42	-8277.48	-1.86e-03	-543.75	0.0	-4029.03	271.88	114.53	6521.41	-1.579e+04	-0.22
		-0.22	-1.579e+04	8.07e-04	0.0	145.0	-4029.03	-271.87	114.53	6521.41	-8277.48	0.13
52	119	9855.42	3385.70	-1.08e-03	-543.75	0.0	-7852.96	271.88	101.60	1811.39	-2381.91	-0.22
		-0.22	-2381.91	-8.58e-04	0.0	145.0	-7852.96	-271.87	101.60	1811.39	3385.70	0.13
52	126	9855.41	-5139.97	-3.40e-03	-543.75	0.0	-4557.61	271.88	111.17	5713.00	-1.207e+04	-0.38
		-0.38	-1.207e+04	8.57e-03	0.0	145.0	-4557.61	-271.87	111.17	5713.00	-5139.97	0.25
52	127	9855.44	248.19	4.65e-04	-543.75	0.0	-7324.39	271.88	104.95	2619.79	-6109.68	-0.06
		-0.06	-6109.68	-9.62e-03	0.0	145.0	-7324.39	-271.87	104.95	2619.79	248.19	-3.86e-04
52	142	9855.41	-8646.91	-2.98e-03	-543.75	0.0	-3616.80	271.88	111.56	7319.25	-1.556e+04	-0.35
		-0.35	-1.556e+04	0.01	0.0	145.0	-3616.80	-271.87	111.56	7319.25	-8646.91	0.24
52	143	9855.44	3755.13	-2.53e-04	-543.75	0.0	-8265.19	271.88	104.56	1013.54	-2615.78	-0.09
		-0.09	-2615.78	-0.02	0.0	145.0	-8265.19	-271.87	104.56	1013.54	3755.13	0.02
52	150	9855.42	-9416.45	-1.93e-03	-543.75	0.0	-3642.78	271.88	115.63	6945.87	-1.708e+04	-0.22
		-0.22	-1.708e+04	9.30e-04	0.0	145.0	-3642.78	-271.87	115.63	6945.87	-9416.45	0.13
52	151	9855.42	4524.67	-9.99e-04	-543.75	0.0	-8239.21	271.88	100.50	1386.93	-1091.26	-0.22
		-0.22	-1091.26	-9.36e-04	0.0	145.0	-8239.21	-271.87	100.50	1386.93	4524.67	0.13
53	35	2.014e+04	-7.07	-7.83e-03	-609.38	0.0	529.24	441.39	-274.61	-6192.30	-7.07	-0.38
		-0.38	-2.919e+04	-3.15e-03	0.0	126.2	446.37	-167.99	-274.61	-6192.30	-2.919e+04	1.724e+04
53	49	1.494e+04	3558.41	-6.09e-03	-468.75	0.0	450.12	333.40	-257.43	-5164.79	3558.41	-0.30
		-0.30	-2.409e+04	-1.05e-03	0.0	126.2	386.37	-135.35	-257.43	-5164.79	-2.409e+04	1.249e+04
53	65	1.734e+04	-7641.04	-9.11e-03	-609.38	0.0	1130.55	409.37	-200.99	-5676.43	-7641.04	-0.44
		-0.44	-3.047e+04	-5.38e-03	0.0	126.2	1047.68	-200.01	-200.99	-5676.43	-3.047e+04	1.321e+04
53	67	1.792e+04	-7742.98	-9.24e-03	-609.38	0.0	1081.89	416.07	-205.69	-5748.10	-7742.98	-0.45
		-0.45	-3.112e+04	-5.48e-03	0.0	126.2	999.02	-193.31	-205.69	-5748.10	-3.112e+04	1.405e+04
53	92	1.450e+04	2210.52	-2.93e-03	-468.75	0.0	-275.79	328.35	-118.95	-3055.40	2210.52	-0.15
		-0.15	-8094.40	-1.16e-03	0.0	126.2	-339.54	-140.40	-118.95	-3055.40	-8094.40	1.185e+04
53	100	1.786e+04	-1331.07	-4.80e-03	-468.75	0.0	384.50	364.51	-161.80	-4124.50	-1331.07	-0.25
		-0.25	-1.897e+04	-3.99e-03	0.0	126.2	320.75	-104.24	-161.80	-4124.50	-1.897e+04	1.642e+04
53	104	1.751e+04	1035.93	-4.26e-03	-468.75	0.0	413.27	360.84	-177.74	-4775.97	1035.93	-0.24
		-0.24	-1.852e+04	9.09e-04	0.0	126.2	349.52	-107.91	-177.74	-4775.97	-1.852e+04	1.595e+04
53	111	1.328e+04	-5084.09	-0.01	-468.75	0.0	568.18	314.22	-147.02	-3652.66	-5084.09	-0.46
		-0.46	-2.059e+04	-7.46e-03	0.0	126.2	504.43	-154.53	-147.02	-3652.66	-2.059e+04	1.007e+04
53	119	1.259e+04	-4271.79	-0.01	-468.75	0.0	671.29	306.20	-150.14	-4609.11	-4271.79	-0.46
		-0.46	-2.051e+04	1.32e-03	0.0	126.2	607.54	-162.55	-150.14	-4609.11	-2.051e+04	9060.61
53	121	1.097e+04	-5557.52	-0.01	-468.75	0.0	713.35	285.66	-138.96	-4369.60	-5557.52	-0.44
		-0.44	-2.000e+04	7.24e-04	0.0	126.2	649.60	-183.09	-138.96	-4369.60	-2.000e+04	6469.08
53	124	1.724e+04	-275.01	1.78e-03	-468.75	0.0	303.75	357.97	-160.60	-3739.33	-275.01	-0.08
		-0.08	-1.686e+04	-6.68e-03	0.0	126.2	240.00	-110.78	-160.60	-3739.33	-1.686e+04	1.559e+04
53	132	1.867e+04	-1073.20	-4.69e-03	-468.75	0.0	362.60	372.63	-164.19	-4103.82	-1073.20	-0.25
		-0.25	-1.903e+04	-4.12e-03	0.0	126.2	298.85	-96.12	-164.19	-4103.82	-1.903e+04	1.744e+04
53	136	1.824e+04	1813.12	-4.05e-03	-468.75	0.0	395.34	368.40	-183.35	-4917.51	1813.12	-0.23
		-0.23	-1.855e+04	1.53e-03	0.0	126.2	331.59	-100.35	-183.35	-4917.51	-1.855e+04	1.691e+04
53	143	1.320e+04	-5500.53	-0.01	-468.75	0.0	578.95	313.37	-146.51	-3568.50	-5500.53	-0.49
		-0.49	-2.093e+04	-8.35e-03	0.0	126.2	515.20	-155.38	-146.51	-3568.50	-2.093e+04	9964.10
53	151	1.240e+04	-4516.46	-0.01	-468.75	0.0	703.21	303.79	-150.34	-4680.39	-4516.46	-0.50
		-0.50	-2.085e+04	2.00e-03	0.0	126.2	639.46	-164.96	-150.34	-4680.39	-2.085e+04	8755.71
53	153	1.046e+04	-6044.07	-0.01	-468.75	0.0	752.76	279.20	-136.91	-4405.83	-6044.07	-0.48
		-0.48	-2.025e+04	1.15e-03	0.0	126.2	689.01	-189.55	-136.91	-4405.83	-2.025e+04	5654.41
53	156	1.785e+04	211.54	3.20e-03	-468.75	0.0	264.34	364.43	-162.65	-3703.11	211.54	-0.04
		-0.04	-1.661e+04	-7.36e-03	0.0	126.2	200.59	-104.32	-162.65	-3703.11	-1.661e+04	1.641e+04
54	1	1.262e+05	2024.74	-0.03	-2218.13	0.0	-5.999e+04	1109.06	4.45	0.0	0.0	0.0
		0.0	0.0	-8.69e-03	0.0	455.0	-5.999e+04	-1109.06	4.45	0.0	2024.74	0.0
54	2	1.262e+05	2945.98	-0.03	-2218.13	0.0	-7.269e+04	1109.06	6.47	0.0	0.0	0.0
		0.0	0.0	4.88e-03	0.0	455.0	-7.269e+04	-1109.06	6.47	0.0	2945.98	0.0
54	8	9.704e+04	1979.90	-0.03	-1706.25	0.0	-4.623e+04	853.13	4.35	0.0	0.0	0.0
		0.0	0.0	-7.01e-03	0.0	455.0	-4.623e+04	-853.13	4.35	0.0	1979.90	0.0
54	65	1.262e+05	732.51	-0.03	-2218.13	0.0	-6.043e+04	1109.06	1.61	0.0	0.0	0.0

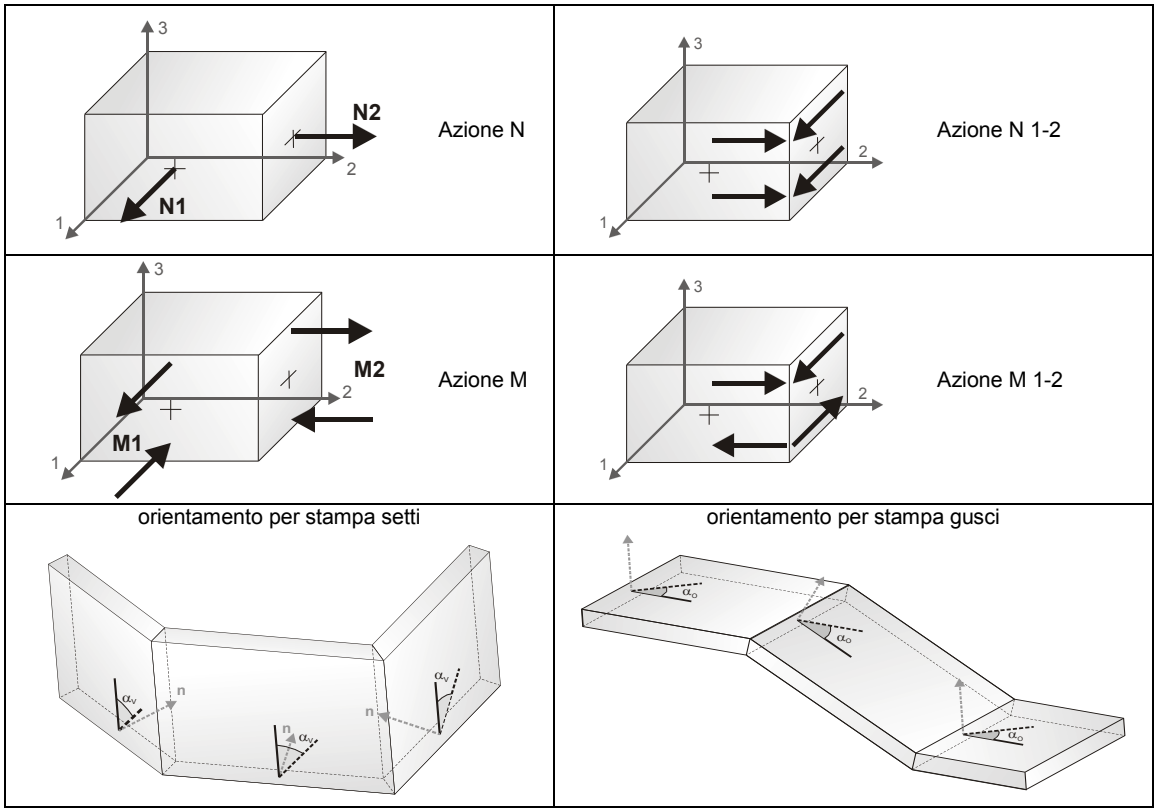
Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		0.0	0.0	-0.01	0.0	455.0	-6.043e+04	-1109.06	1.61	0.0	732.51	0.0
54	86	1.262e+05	4279.19	-0.04	-2218.13	0.0	-5.946e+04	1109.06	9.40	0.0	0.0	0.0
		0.0	0.0	-6.76e-03	0.0	455.0	-5.946e+04	-1109.06	9.40	0.0	4279.19	0.0
54	90	9.704e+04	3828.74	-0.03	-1706.25	0.0	-4.560e+04	853.13	8.41	0.0	0.0	0.0
		0.0	0.0	-4.93e-03	0.0	455.0	-4.560e+04	-853.13	8.41	0.0	3828.74	0.0
54	110	9.704e+04	1.331e+04	-0.03	-1706.25	0.0	-4.991e+04	853.12	29.26	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	455.0	-4.991e+04	-853.13	29.26	0.0	1.331e+04	0.0
54	111	9.704e+04	0.0	-0.02	-1706.25	0.0	-4.233e+04	853.13	-21.01	0.0	0.0	0.0
		0.0	-9558.51	-0.03	0.0	455.0	-4.233e+04	-853.12	-21.01	0.0	-9558.51	0.0
54	117	9.704e+04	1.011e+04	-0.02	-1706.25	0.0	-4.046e+04	853.13	22.21	0.0	0.0	0.0
		0.0	0.0	-2.89e-03	0.0	455.0	-4.046e+04	-853.13	22.21	0.0	1.011e+04	0.0
54	120	9.704e+04	0.0	-0.03	-1706.25	0.0	-5.178e+04	853.13	-13.96	0.0	0.0	0.0
		0.0	-6352.26	-0.02	0.0	455.0	-5.178e+04	-853.13	-13.96	0.0	-6352.26	0.0
54	142	9.704e+04	1.549e+04	-0.03	-1706.25	0.0	-5.062e+04	853.12	34.04	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	455.0	-5.062e+04	-853.13	34.04	0.0	1.549e+04	0.0
54	143	9.704e+04	0.0	-0.02	-1706.25	0.0	-4.162e+04	853.13	-25.79	0.0	0.0	0.0
		0.0	-1.173e+04	-0.04	0.0	455.0	-4.162e+04	-853.12	-25.79	0.0	-1.173e+04	0.0
54	149	9.704e+04	1.151e+04	-0.02	-1706.25	0.0	-3.935e+04	853.13	25.30	0.0	0.0	0.0
		0.0	0.0	3.33e-03	0.0	455.0	-3.935e+04	-853.13	25.30	0.0	1.151e+04	0.0
54	152	9.704e+04	0.0	-0.03	-1706.25	0.0	-5.289e+04	853.13	-17.05	0.0	0.0	0.0
		0.0	-7756.20	-0.02	0.0	455.0	-5.289e+04	-853.13	-17.05	0.0	-7756.20	0.0
55	1	1.659e+04	0.0	-0.02	-804.38	0.0	-5.439e+04	402.19	1974.55	0.0	-3.258e+05	0.0
		0.0	-3.258e+05	-0.02	0.0	165.0	-5.439e+04	-402.19	1974.55	0.0	0.0	0.0
55	2	1.659e+04	0.0	-0.03	-804.38	0.0	-5.535e+04	402.19	2031.03	0.0	-3.351e+05	0.0
		0.0	-3.351e+05	0.01	0.0	165.0	-5.535e+04	-402.19	2031.03	0.0	0.0	0.0
55	16	1.659e+04	0.0	-0.02	-804.38	0.0	-5.429e+04	402.19	1985.83	0.0	-3.277e+05	0.0
		0.0	-3.277e+05	-0.02	0.0	165.0	-5.429e+04	-402.19	1985.83	0.0	0.0	0.0
55	22	1.659e+04	0.0	-0.02	-804.38	0.0	-5.437e+04	402.19	1987.84	0.0	-3.280e+05	0.0
		0.0	-3.280e+05	-0.02	0.0	165.0	-5.437e+04	-402.19	1987.84	0.0	0.0	0.0
55	80	1.276e+04	0.0	-0.02	-618.75	0.0	-4.170e+04	309.38	1549.42	0.0	-2.557e+05	0.0
		0.0	-2.557e+05	-0.01	0.0	165.0	-4.170e+04	-309.37	1549.42	0.0	0.0	0.0
55	93	1.276e+04	0.0	-0.02	-618.75	0.0	-4.063e+04	309.38	1732.23	0.0	-2.858e+05	0.0
		0.0	-2.858e+05	-0.02	0.0	165.0	-4.063e+04	-309.37	1732.23	0.0	0.0	0.0
55	101	1.276e+04	0.0	-0.02	-618.75	0.0	-4.084e+04	309.38	1488.71	0.0	-2.456e+05	0.0
		0.0	-2.456e+05	-0.02	0.0	165.0	-4.084e+04	-309.37	1488.71	0.0	0.0	0.0
55	103	1.276e+04	0.0	-0.02	-618.75	0.0	-4.173e+04	309.38	1695.42	0.0	-2.797e+05	0.0
		0.0	-2.797e+05	-0.01	0.0	165.0	-4.173e+04	-309.37	1695.42	0.0	0.0	0.0
55	117	1.276e+04	0.0	-0.03	-618.75	0.0	-3.919e+04	309.38	1935.99	0.0	-3.194e+05	0.0
		0.0	-3.194e+05	0.01	0.0	165.0	-3.919e+04	-309.37	1935.99	0.0	0.0	0.0
55	120	1.276e+04	0.0	-0.01	-618.75	0.0	-4.446e+04	309.38	1108.07	0.0	-1.828e+05	0.0
		0.0	-1.828e+05	-0.02	0.0	165.0	-4.446e+04	-309.37	1108.07	0.0	0.0	0.0
55	133	1.276e+04	0.0	-0.02	-618.75	0.0	-4.065e+04	309.38	1480.40	0.0	-2.443e+05	0.0
		0.0	-2.443e+05	-0.02	0.0	165.0	-4.065e+04	-309.37	1480.40	0.0	0.0	0.0
55	135	1.276e+04	0.0	-0.02	-618.75	0.0	-4.172e+04	309.38	1729.01	0.0	-2.853e+05	0.0
		0.0	-2.853e+05	-0.01	0.0	165.0	-4.172e+04	-309.37	1729.01	0.0	0.0	0.0
55	141	1.276e+04	0.0	-0.03	-618.75	0.0	-3.945e+04	309.38	1848.01	0.0	-3.049e+05	0.0
		0.0	-3.049e+05	-0.03	0.0	165.0	-3.945e+04	-309.37	1848.01	0.0	0.0	0.0
55	149	1.276e+04	0.0	-0.03	-618.75	0.0	-3.868e+04	309.38	2016.25	0.0	-3.327e+05	0.0
		0.0	-3.327e+05	0.01	0.0	165.0	-3.868e+04	-309.37	2016.25	0.0	0.0	0.0
55	152	1.276e+04	0.0	-9.77e-03	-618.75	0.0	-4.497e+04	309.38	1027.81	0.0	-1.696e+05	0.0
		0.0	-1.696e+05	-0.02	0.0	165.0	-4.497e+04	-309.37	1027.81	0.0	0.0	0.0
56	1	1.659e+04	0.0	0.06	-804.38	0.0	-6.213e+04	402.19	-2172.10	0.0	0.0	0.0
		0.0	-3.584e+05	0.02	0.0	165.0	-6.213e+04	-402.19	-2172.10	0.0	-3.584e+05	0.0
56	2	1.659e+04	0.0	0.07	-804.38	0.0	-6.095e+04	402.19	-2329.61	0.0	0.0	0.0
		0.0	-3.844e+05	0.03	0.0	165.0	-6.095e+04	-402.19	-2329.61	0.0	-3.844e+05	0.0
56	65	1.659e+04	0.0	0.06	-804.38	0.0	-6.219e+04	402.19	-2169.81	0.0	0.0	0.0
		0.0	-3.580e+05	0.02	0.0	165.0	-6.219e+04	-402.19	-2169.81	0.0	-3.580e+05	0.0
56	67	1.659e+04	0.0	0.06	-804.38	0.0	-6.221e+04	402.19	-2168.62	0.0	0.0	0.0
		0.0	-3.578e+05	0.02	0.0	165.0	-6.221e+04	-402.19	-2168.62	0.0	-3.578e+05	0.0
56	90	1.276e+04	0.0	0.05	-618.75	0.0	-4.769e+04	309.37	-1670.42	0.0	0.0	0.0
		0.0	-2.756e+05	0.02	0.0	165.0	-4.769e+04	-309.38	-1670.42	0.0	-2.756e+05	0.0
56	107	1.276e+04	0.0	0.04	-618.75	0.0	-4.786e+04	309.37	-1663.95	0.0	0.0	0.0
		0.0	-2.746e+05	0.02	0.0	165.0	-4.786e+04	-309.38	-1663.95	0.0	-2.746e+05	0.0
56	113	1.276e+04	0.0	0.04	-618.75	0.0	-4.610e+04	309.37	-1474.30	0.0	0.0	0.0
		0.0	-2.433e+05	8.64e-03	0.0	165.0	-4.610e+04	-309.38	-1474.30	0.0	-2.433e+05	0.0
56	116	1.276e+04	0.0	0.05	-618.75	0.0	-4.947e+04	309.37	-1862.95	0.0	0.0	0.0
		0.0	-3.074e+05	0.02	0.0	165.0	-4.947e+04	-309.38	-1862.95	0.0	-3.074e+05	0.0
56	118	1.276e+04	0.0	0.05	-618.75	0.0	-4.865e+04	309.37	-1832.44	0.0	0.0	0.0
		0.0	-3.024e+05	0.01	0.0	165.0	-4.865e+04	-309.38	-1832.44	0.0	-3.024e+05	0.0
56	121	1.276e+04	0.0	0.04	-618.75	0.0	-4.677e+04	309.37	-1477.52	0.0	0.0	0.0
		0.0	-2.438e+05	0.02	0.0	165.0	-4.677e+04	-309.38	-1477.52	0.0	-2.438e+05	0.0
56	139	1.276e+04	0.0	0.04	-618.75	0.0	-4.787e+04	309.37	-1663.12	0.0	0.0	0.0
		0.0	-2.744e+05	0.02	0.0	165.0	-4.787e+04	-309.38	-1663.12	0.0	-2.744e+05	0.0

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
56	145	1.276e+04	0.0	0.04	-618.75	0.0	-4.576e+04	309.37	-1435.91	0.0	0.0	0.0
		0.0	-2.369e+05	-8.21e-03	0.0	165.0	-4.576e+04	-309.38	-1435.91	0.0	-2.369e+05	0.0
56	148	1.276e+04	0.0	0.05	-618.75	0.0	-4.981e+04	309.37	-1901.34	0.0	0.0	0.0
		0.0	-3.137e+05	0.03	0.0	165.0	-4.981e+04	-309.38	-1901.34	0.0	-3.137e+05	0.0
56	153	1.276e+04	0.0	0.04	-618.75	0.0	-4.656e+04	309.37	-1439.18	0.0	0.0	0.0
		0.0	-2.375e+05	0.02	0.0	165.0	-4.656e+04	-309.38	-1439.18	0.0	-2.375e+05	0.0
56	156	1.276e+04	0.0	0.05	-618.75	0.0	-4.901e+04	309.37	-1898.07	0.0	0.0	0.0
		0.0	-3.132e+05	0.01	0.0	165.0	-4.901e+04	-309.38	-1898.07	0.0	-3.132e+05	0.0
57	1	1.659e+04	3.895e+05	0.07	-804.38	0.0	-4.473e+04	402.19	2360.52	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-4.473e+04	-402.19	2360.52	0.0	3.895e+05	0.0
57	2	1.659e+04	4.089e+05	0.07	-804.38	0.0	-4.594e+04	402.19	2478.14	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-4.594e+04	-402.19	2478.14	0.0	4.089e+05	0.0
57	56	1.659e+04	3.877e+05	0.07	-804.38	0.0	-4.469e+04	402.19	2349.47	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-4.469e+04	-402.19	2349.47	0.0	3.877e+05	0.0
57	69	1.276e+04	2.970e+05	0.05	-618.75	0.0	-3.425e+04	309.37	1799.82	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	165.0	-3.425e+04	-309.38	1799.82	0.0	2.970e+05	0.0
57	87	1.659e+04	3.924e+05	0.07	-804.38	0.0	-4.492e+04	402.19	2378.17	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-4.492e+04	-402.19	2378.17	0.0	3.924e+05	0.0
57	111	1.276e+04	2.659e+05	0.05	-618.75	0.0	-3.242e+04	309.37	1611.79	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-3.242e+04	-309.38	1611.79	0.0	2.659e+05	0.0
57	113	1.276e+04	2.715e+05	0.05	-618.75	0.0	-3.174e+04	309.37	1645.70	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-3.174e+04	-309.38	1645.70	0.0	2.715e+05	0.0
57	114	1.276e+04	3.341e+05	0.05	-618.75	0.0	-3.656e+04	309.37	2024.61	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	165.0	-3.656e+04	-309.38	2024.61	0.0	3.341e+05	0.0
57	117	1.276e+04	2.595e+05	0.05	-618.75	0.0	-3.014e+04	309.37	1572.53	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	165.0	-3.014e+04	-309.38	1572.53	0.0	2.595e+05	0.0
57	118	1.276e+04	3.462e+05	0.06	-618.75	0.0	-3.786e+04	309.37	2098.08	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-3.786e+04	-309.38	2098.08	0.0	3.462e+05	0.0
57	120	1.276e+04	3.406e+05	0.06	-618.75	0.0	-3.868e+04	309.37	2064.03	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-3.868e+04	-309.38	2064.03	0.0	3.406e+05	0.0
57	133	1.276e+04	3.000e+05	0.05	-618.75	0.0	-3.248e+04	309.37	1817.97	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-3.248e+04	-309.38	1817.97	0.0	3.000e+05	0.0
57	146	1.276e+04	3.408e+05	0.05	-618.75	0.0	-3.699e+04	309.37	2065.16	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	165.0	-3.699e+04	-309.38	2065.16	0.0	3.408e+05	0.0
57	147	1.276e+04	2.593e+05	0.05	-618.75	0.0	-3.184e+04	309.37	1571.39	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-3.184e+04	-309.38	1571.39	0.0	2.593e+05	0.0
57	149	1.276e+04	2.515e+05	0.05	-618.75	0.0	-2.928e+04	309.37	1524.12	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	165.0	-2.928e+04	-309.38	1524.12	0.0	2.515e+05	0.0
57	150	1.276e+04	3.553e+05	0.06	-618.75	0.0	-3.855e+04	309.37	2153.28	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-3.855e+04	-309.38	2153.28	0.0	3.553e+05	0.0
57	152	1.276e+04	3.486e+05	0.06	-618.75	0.0	-3.954e+04	309.37	2112.43	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	165.0	-3.954e+04	-309.38	2112.43	0.0	3.486e+05	0.0
58	2	1.659e+04	3.611e+05	-0.05	-804.38	0.0	-4.224e+04	402.19	-2188.60	0.0	3.611e+05	0.0
		0.0	0.0	-0.02	0.0	165.0	-4.224e+04	-402.19	-2188.60	0.0	0.0	0.0
58	25	1.276e+04	2.697e+05	-0.04	-618.75	0.0	-3.190e+04	309.38	-1634.28	0.0	2.697e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.190e+04	-309.37	-1634.28	0.0	0.0	0.0
58	76	1.659e+04	3.469e+05	-0.05	-804.38	0.0	-4.136e+04	402.19	-2102.57	0.0	3.469e+05	0.0
		0.0	0.0	-0.02	0.0	165.0	-4.136e+04	-402.19	-2102.57	0.0	0.0	0.0
58	90	1.276e+04	2.655e+05	-0.03	-618.75	0.0	-3.168e+04	309.38	-1609.19	0.0	2.655e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.168e+04	-309.37	-1609.19	0.0	0.0	0.0
58	109	1.276e+04	3.040e+05	-0.04	-618.75	0.0	-3.384e+04	309.38	-1842.67	0.0	3.040e+05	0.0
		0.0	0.0	-0.02	0.0	165.0	-3.384e+04	-309.37	-1842.67	0.0	0.0	0.0
58	110	1.276e+04	2.423e+05	-0.03	-618.75	0.0	-2.932e+04	309.37	-1468.37	0.0	2.423e+05	0.0
		0.0	0.0	0.01	0.0	165.0	-2.932e+04	-309.38	-1468.37	0.0	0.0	0.0
58	117	1.276e+04	3.173e+05	-0.04	-618.75	0.0	-3.523e+04	309.37	-1922.89	0.0	3.173e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.523e+04	-309.38	-1922.89	0.0	0.0	0.0
58	118	1.276e+04	2.290e+05	-0.03	-618.75	0.0	-2.793e+04	309.38	-1388.15	0.0	2.290e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-2.793e+04	-309.37	-1388.15	0.0	0.0	0.0
58	119	1.276e+04	3.104e+05	-0.04	-618.75	0.0	-3.585e+04	309.37	-1881.20	0.0	3.104e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.585e+04	-309.38	-1881.20	0.0	0.0	0.0
58	142	1.276e+04	2.369e+05	-0.03	-618.75	0.0	-2.880e+04	309.37	-1435.60	0.0	2.369e+05	0.0
		0.0	0.0	0.01	0.0	165.0	-2.880e+04	-309.38	-1435.60	0.0	0.0	0.0
58	149	1.276e+04	3.267e+05	-0.04	-618.75	0.0	-3.590e+04	309.37	-1979.99	0.0	3.267e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.590e+04	-309.38	-1979.99	0.0	0.0	0.0
58	150	1.276e+04	2.210e+05	-0.03	-618.75	0.0	-2.714e+04	309.38	-1339.42	0.0	2.210e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-2.714e+04	-309.37	-1339.42	0.0	0.0	0.0
58	151	1.276e+04	3.184e+05	-0.04	-618.75	0.0	-3.665e+04	309.37	-1929.93	0.0	3.184e+05	0.0
		0.0	0.0	-0.01	0.0	165.0	-3.665e+04	-309.38	-1929.93	0.0	0.0	0.0
Trave		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-1.208e+06	-4.999e+05	-0.99	-2.284e+04		-7.269e+04	-3.521e+04	-3317.62	-5.703e+04		
		3.345e+06	4.089e+05	1.04	1201.30		1.201e+04	2.645e+04	2739.77	7.982e+04		

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate.
Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
N max		sforzo membranale principale massimo
N min		sforzo membranale principale minimo
M max		sforzo flessionale principale massimo
M min		sforzo flessionale principale minimo
N1	**N2**	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è
N1-2	**M1**	uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
M2	**M1-2**	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.
In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.
I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_O attorno all'asse Z per i gusci e ruotata di α_V attorno alla normale (che per definizione è orizzontale) al piano del setto.
Per i setti, in particolare, se α_V è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.
Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
1	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
1	2	0.0	-1.684e+05	3.833e+04	1.571e+04	7.019e+06	2.079e+05	3.462e+04
1	2	133.33	-1.874e+05	3.374e+04	-65.17	-3.234e+05	1.251e+06	-3.199e+04
1	2	266.67	-1.749e+05	3.375e+04	2416.37	-3.264e+06	1.558e+06	1.561e+04
1	2	400.00	-1.620e+05	3.433e+04	-1058.06	-3.698e+06	1.897e+06	6.284e+04
1	2	505.00	-1.422e+05	3.605e+04	-2.245e+04	8.644e+05	1.492e+06	6.709e+04
1	56	0.0	-1.955e+05	3.660e+04	1.188e+05	4.216e+06	-1.053e+07	4.519e+04
1	56	133.33	-2.139e+05	3.184e+04	1.040e+05	-2.371e+06	4.324e+06	-1.063e+04
1	56	266.67	-1.984e+05	3.153e+04	3.193e+04	-3.616e+06	7.593e+06	2.977e+04
1	56	400.00	-1.839e+05	3.254e+04	-1.649e+04	-3.224e+06	5.199e+06	7.253e+04
1	56	505.00	-1.626e+05	3.517e+04	-5.864e+04	1.213e+06	1.051e+06	7.793e+04
1	65	0.0	-1.770e+05	3.628e+04	1.193e+05	3.881e+06	-1.063e+07	5.319e+04
1	65	133.33	-1.949e+05	3.157e+04	1.042e+05	-2.692e+06	4.264e+06	-233.05
1	65	266.67	-1.787e+05	3.126e+04	3.210e+04	-3.887e+06	7.560e+06	3.969e+04
1	65	400.00	-1.633e+05	3.226e+04	-1.633e+04	-3.451e+06	5.187e+06	8.232e+04
1	65	505.00	-1.423e+05	3.487e+04	-5.855e+04	1.043e+06	1.053e+06	8.548e+04
1	89	0.0	-1.263e+05	2.878e+04	9.111e+04	6.604e+06	-8.013e+06	2.532e+04
1	89	133.33	-1.420e+05	2.535e+04	7.980e+04	6.621e+05	3.381e+06	-2.093e+04
1	89	266.67	-1.321e+05	2.506e+04	2.437e+04	-1.556e+06	5.871e+06	1.141e+04
1	89	400.00	-1.225e+05	2.578e+04	-1.292e+04	-2.225e+06	4.007e+06	4.538e+04
1	89	505.00	-1.074e+05	2.773e+04	-4.599e+04	8.163e+05	7.870e+05	4.639e+04
1	102	0.0	-1.260e+05	7.875e+04	8.668e+04	-4.486e+06	-7.820e+06	4.112e+04
1	102	133.33	-1.423e+05	7.516e+04	7.519e+04	-8.449e+06	3.610e+06	-1.999e+04
1	102	266.67	-1.324e+05	6.390e+04	2.311e+04	-6.833e+06	5.805e+06	-3.871e+04
1	102	400.00	-1.241e+05	5.574e+04	-1.252e+04	-3.551e+06	3.944e+06	3.400e+04
1	102	505.00	-1.092e+05	5.063e+04	-4.487e+04	1.868e+06	7.921e+05	4.859e+04
1	113	0.0	-1.647e+05	3.935e+04	1.036e+05	-4.963e+06	-9.021e+06	8.511e+04
1	113	133.33	-1.736e+05	3.576e+04	9.209e+04	-9.270e+06	2.414e+06	5.846e+04
1	113	266.67	-1.526e+05	3.215e+04	2.830e+04	-7.578e+06	6.068e+06	6.806e+04
1	113	400.00	-1.318e+05	3.066e+04	-1.424e+04	-4.398e+06	4.339e+06	6.379e+04
1	113	505.00	-1.092e+05	3.124e+04	-4.864e+04	9.273e+05	8.534e+05	1.012e+05
1	121	0.0	-1.681e+05	4.465e+04	1.041e+05	1.322e+06	-9.096e+06	4.807e+04
1	121	133.33	-1.760e+05	4.106e+04	9.258e+04	-3.537e+06	2.339e+06	-1.017e+04
1	121	266.67	-1.540e+05	3.678e+04	2.856e+04	-3.817e+06	6.030e+06	-5271.44
1	121	400.00	-1.324e+05	3.450e+04	-1.422e+04	-2.322e+06	4.332e+06	3.872e+04
1	121	505.00	-1.093e+05	3.435e+04	-4.882e+04	1.617e+06	8.543e+05	5.687e+04
1	124	0.0	-9.670e+04	1.225e+04	7.887e+04	6.990e+06	-7.116e+06	1.784e+04
1	124	133.33	-1.176e+05	8656.90	6.738e+04	1.226e+06	4.310e+06	-1.174e+04
1	124	266.67	-1.167e+05	1.242e+04	2.055e+04	-1.204e+06	5.649e+06	4.607e+04
1	124	400.00	-1.162e+05	1.619e+04	-1.121e+04	-2.708e+06	3.663e+06	6.877e+04
1	124	505.00	-1.078e+05	2.025e+04	-4.201e+04	-6412.54	7.466e+05	5.600e+04
1	134	0.0	-1.247e+05	8.895e+04	8.575e+04	-6.140e+06	-7.762e+06	4.274e+04
1	134	133.33	-1.414e+05	8.536e+04	7.425e+04	-9.826e+06	3.667e+06	-2.182e+04
1	134	266.67	-1.318e+05	7.187e+04	2.284e+04	-7.629e+06	5.803e+06	-5.057e+04
1	134	400.00	-1.241e+05	6.190e+04	-1.249e+04	-3.725e+06	3.935e+06	2.948e+04
1	134	505.00	-1.093e+05	5.535e+04	-4.476e+04	2.026e+06	7.903e+05	4.719e+04
1	143	0.0	-1.696e+05	8563.50	1.067e+05	-7.435e+05	-9.219e+06	8.224e+04
1	143	133.33	-1.772e+05	4973.13	9.524e+04	-5.772e+06	2.217e+06	7.070e+04
1	143	266.67	-1.551e+05	8054.07	2.921e+04	-5.481e+06	6.063e+06	1.083e+05
1	143	400.00	-1.319e+05	1.194e+04	-1.434e+04	-4.115e+06	4.368e+06	8.548e+04
1	143	505.00	-1.088e+05	1.677e+04	-4.892e+04	1.662e+05	8.563e+05	1.087e+05
1	153	0.0	-1.751e+05	4.802e+04	1.065e+05	7.463e+05	-9.297e+06	5.140e+04
1	153	133.33	-1.817e+05	4.443e+04	9.505e+04	-4.018e+06	2.139e+06	-9592.80
1	153	266.67	-1.576e+05	3.933e+04	2.935e+04	-4.086e+06	6.048e+06	-9600.63
1	153	400.00	-1.339e+05	3.642e+04	-1.448e+04	-2.279e+06	4.397e+06	3.620e+04
1	153	505.00	-1.094e+05	3.580e+04	-4.951e+04	1.752e+06	8.655e+05	5.691e+04
1	156	0.0	-8.967e+04	8872.44	7.641e+04	7.566e+06	-6.915e+06	1.451e+04
1	156	133.33	-1.120e+05	5282.07	6.491e+04	1.707e+06	4.510e+06	-1.232e+04
1	156	266.67	-1.131e+05	9869.64	1.975e+04	-9.353e+05	5.631e+06	5.040e+04
1	156	400.00	-1.147e+05	1.428e+04	-1.095e+04	-2.751e+06	3.598e+06	7.129e+04
1	156	505.00	-1.077e+05	1.880e+04	-4.131e+04	-1.420e+05	7.354e+05	5.596e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.139e+05	4973.13	-5.864e+04	-9.826e+06	-1.063e+07	-5.057e+04
			-8.967e+04	8.895e+04	1.193e+05	7.566e+06	7.593e+06	1.087e+05

Macro	Tipo	Angolo 1-Z (gradi)
2	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
2	56	0.0	-8990.08	3.598e+04	1.046e+04	-2.285e+06	-4.456e+05	3.783e+04
2	56	133.33	-3613.89	3.410e+04	3744.16	-1.229e+06	5.013e+05	-4.743e+04
2	56	133.33	-3613.89	3.410e+04	3744.16	-1.229e+06	5.013e+05	-4.743e+04
2	56	266.67	-4655.64	4.171e+04	1518.18	-1.698e+06	1.152e+05	-4.378e+04
2	56	266.67	-4655.64	4.171e+04	1518.18	-1.698e+06	1.152e+05	-4.378e+04
2	56	400.00	-1.600e+04	4.282e+04	-6322.56	-6.906e+05	-1.849e+05	-1.454e+05
2	56	505.00	-2.528e+04	1.788e+04	-2.039e+04	-7.453e+05	-3.282e+05	1.591e+04
2	65	0.0	-4919.41	3.515e+04	1.060e+04	-2.525e+06	-4.595e+05	3.442e+04
2	65	133.33	500.51	3.288e+04	3771.77	-1.476e+06	4.988e+05	-5.249e+04
2	65	133.33	500.51	3.288e+04	3771.77	-1.476e+06	4.988e+05	-5.249e+04
2	65	266.67	-814.27	4.049e+04	1508.75	-1.903e+06	1.147e+05	-4.841e+04
2	65	266.67	-814.27	4.049e+04	1508.75	-1.903e+06	1.147e+05	-4.841e+04
2	65	400.00	-1.253e+04	4.155e+04	-6343.99	-8.543e+05	-1.864e+05	-1.503e+05
2	65	505.00	-2.240e+04	1.684e+04	-2.042e+04	-6.846e+05	-3.276e+05	1.358e+04
2	85	0.0	-1610.32	4.278e+04	1.092e+04	-2.171e+06	-4.848e+05	4.782e+04
2	85	133.33	3403.11	4.144e+04	3834.53	-1.322e+06	4.988e+05	-3.702e+04
2	85	133.33	3403.11	4.144e+04	3834.53	-1.322e+06	4.988e+05	-3.702e+04
2	85	266.67	2469.21	4.912e+04	1543.30	-1.916e+06	1.210e+05	-3.342e+04
2	85	266.67	2469.21	4.912e+04	1543.30	-1.916e+06	1.210e+05	-3.342e+04
2	85	400.00	-9174.33	5.055e+04	-6263.00	-1.192e+06	-1.755e+05	-1.332e+05
2	85	505.00	-2.124e+04	2.470e+04	-2.039e+04	-1.051e+06	-3.249e+05	3.179e+04
2	87	0.0	-3306.88	4.273e+04	1.087e+04	-2.153e+06	-4.793e+05	4.808e+04
2	87	133.33	1621.15	4.151e+04	3821.26	-1.268e+06	5.003e+05	-3.693e+04
2	87	133.33	1621.15	4.151e+04	3821.26	-1.268e+06	5.003e+05	-3.693e+04
2	87	266.67	654.72	4.919e+04	1542.37	-1.857e+06	1.211e+05	-3.338e+04
2	87	266.67	654.72	4.919e+04	1542.37	-1.857e+06	1.211e+05	-3.338e+04
2	87	400.00	-1.095e+04	5.061e+04	-6268.04	-1.118e+06	-1.759e+05	-1.331e+05
2	87	505.00	-2.272e+04	2.467e+04	-2.037e+04	-1.065e+06	-3.256e+05	3.110e+04
2	108	0.0	7693.24	3.622e+04	7009.58	-1.636e+06	-3.374e+05	3.826e+04
2	108	133.33	1.130e+04	3.477e+04	1712.16	-9.389e+05	4.031e+05	-3.407e+04
2	108	133.33	1.130e+04	3.477e+04	1712.16	-9.389e+05	4.031e+05	-3.407e+04
2	108	266.67	7434.47	3.953e+04	1595.76	-1.434e+06	5.520e+04	-3.356e+04
2	108	266.67	7434.47	3.953e+04	1595.76	-1.434e+06	5.520e+04	-3.356e+04
2	108	400.00	-4929.48	4.020e+04	-4595.04	-5.727e+05	-1.309e+05	-1.051e+05
2	108	505.00	-1.458e+04	1.875e+04	-1.608e+04	-6.807e+05	-2.482e+05	2.751e+04
2	110	0.0	197.36	5.534e+04	9606.91	-5.376e+05	-4.139e+05	6.871e+04
2	110	133.33	4196.42	5.389e+04	4309.49	1.303e+05	3.308e+05	-4855.17
2	110	133.33	4196.42	5.389e+04	4309.49	1.303e+05	3.308e+05	-4855.17
2	110	266.67	5289.75	5.926e+04	1190.69	-1.168e+06	1.232e+05	7801.71
2	110	266.67	5289.75	5.926e+04	1190.69	-1.168e+06	1.232e+05	7801.71
2	110	400.00	-2236.93	5.628e+04	-5031.32	-1.124e+06	-1.253e+05	-7.647e+04
2	110	505.00	-1.144e+04	3.372e+04	-1.533e+04	-1.559e+06	-2.250e+05	5.575e+04
2	111	0.0	-6626.30	3395.80	6820.35	-2.963e+06	-3.034e+05	-6081.21
2	111	133.33	-2338.11	1945.63	1522.93	-2.188e+06	4.358e+05	-6.313e+04
2	111	133.33	-2338.11	1945.63	1522.93	-2.188e+06	4.358e+05	-6.313e+04
2	111	266.67	-4895.63	8323.42	1158.78	-1.683e+06	5.625e+04	-7.007e+04
2	111	266.67	-4895.63	8323.42	1158.78	-1.683e+06	5.625e+04	-7.007e+04
2	111	400.00	-1.502e+04	1.320e+04	-4645.85	-3.521e+05	-1.537e+05	-1.413e+05
2	111	505.00	-2.211e+04	-2888.60	-1.609e+04	2.919e+05	-2.768e+05	-2.257e+04
2	121	0.0	-1.176e+04	9270.53	8133.17	-2.488e+06	-3.411e+05	2888.70
2	121	133.33	-7489.27	7820.36	2835.75	-1.713e+06	3.998e+05	-5.013e+04
2	121	133.33	-7489.27	7820.36	2835.75	-1.713e+06	3.998e+05	-5.013e+04
2	121	266.67	-7404.81	1.373e+04	912.17	-1.623e+06	9.024e+04	-5.173e+04
2	121	266.67	-7404.81	1.373e+04	912.17	-1.623e+06	9.024e+04	-5.173e+04
2	121	400.00	-1.519e+04	1.651e+04	-4903.56	-6.929e+05	-1.543e+05	-1.302e+05
2	121	505.00	-2.253e+04	-583.87	-1.572e+04	6.944e+04	-2.663e+05	-1.766e+04
2	140	0.0	9841.22	3.761e+04	6767.11	-1.613e+06	-3.333e+05	3.966e+04
2	140	133.33	1.333e+04	3.616e+04	1469.69	-9.206e+05	4.070e+05	-3.406e+04
2	140	133.33	1.333e+04	3.616e+04	1469.69	-9.206e+05	4.070e+05	-3.406e+04
2	140	266.67	8830.06	4.069e+04	1676.08	-1.434e+06	4.819e+04	-3.393e+04
2	140	266.67	8830.06	4.069e+04	1676.08	-1.434e+06	4.819e+04	-3.393e+04
2	140	400.00	-4205.60	4.130e+04	-4549.07	-5.445e+05	-1.292e+05	-1.046e+05
2	140	505.00	-1.418e+04	1.942e+04	-1.616e+04	-6.913e+05	-2.475e+05	2.969e+04
2	142	0.0	833.89	6.062e+04	9873.19	-2.962e+05	-4.249e+05	7.603e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
2	142	133.33	4800.54	5.917e+04	4575.76	3.604e+05	3.204e+05	1453.30
2	142	133.33	4800.54	5.917e+04	4575.76	3.604e+05	3.204e+05	1453.30
2	142	266.67	6246.80	6.443e+04	1185.59	-1.116e+06	1.298e+05	1.623e+04
2	142	266.67	6246.80	6.443e+04	1185.59	-1.116e+06	1.298e+05	1.623e+04
2	142	400.00	-990.33	6.063e+04	-5075.88	-1.206e+06	-1.226e+05	-7.042e+04
2	142	505.00	-1.040e+04	3.740e+04	-1.526e+04	-1.750e+06	-2.197e+05	6.341e+04
2	143	0.0	-7262.84	-1881.33	6554.08	-3.205e+06	-2.925e+05	-1.340e+04
2	143	133.33	-2942.23	-3331.50	1256.65	-2.418e+06	4.462e+05	-6.944e+04
2	143	133.33	-2942.23	-3331.50	1256.65	-2.418e+06	4.462e+05	-6.944e+04
2	143	266.67	-5852.67	3156.57	1163.88	-1.735e+06	4.969e+04	-7.850e+04
2	143	266.67	-5852.67	3156.57	1163.88	-1.735e+06	4.969e+04	-7.850e+04
2	143	400.00	-1.627e+04	8848.19	-4601.29	-2.704e+05	-1.565e+05	-1.473e+05
2	143	505.00	-2.315e+04	-6567.28	-1.616e+04	4.831e+05	-2.821e+05	-3.023e+04
2	153	0.0	-1.342e+04	5187.00	8131.38	-2.634e+06	-3.377e+05	-2707.62
2	153	133.33	-9121.56	3736.83	2833.96	-1.848e+06	4.030e+05	-5.362e+04
2	153	133.33	-9121.56	3736.83	2833.96	-1.848e+06	4.030e+05	-5.362e+04
2	153	266.67	-8854.67	9654.68	868.67	-1.665e+06	9.054e+04	-5.628e+04
2	153	266.67	-8854.67	9654.68	868.67	-1.665e+06	9.054e+04	-5.628e+04
2	153	400.00	-1.647e+04	1.282e+04	-4913.70	-6.799e+05	-1.573e+05	-1.340e+05
2	153	505.00	-2.367e+04	-3803.77	-1.572e+04	2.134e+05	-2.697e+05	-2.441e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.528e+04	-6567.28	-2.042e+04	-3.205e+06	-4.848e+05	-1.503e+05
			1.333e+04	6.443e+04	1.092e+04	4.831e+05	5.013e+05	7.603e+04

Macro	Tipo	Angolo 1-Z (gradi)
3	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	21	0.0	-2.775e+04	5.941e+04	-4.498e+04	1.177e+07	3.572e+06	-3.080e+04
3	21	133.33	-4.390e+04	5.402e+04	-3.671e+04	9.715e+06	-1.874e+06	1.237e+05
3	21	266.67	-4.995e+04	5.555e+04	-1.129e+04	7.394e+06	-2.419e+06	9.944e+04
3	21	400.00	-6.051e+04	5.963e+04	1.230e+04	3.776e+06	-1.181e+06	9.275e+04
3	21	505.00	-6.345e+04	5.735e+04	2.358e+04	3.150e+06	4.558e+04	-1.577e+05
3	36	0.0	-4.016e+04	5.454e+04	-4.459e+04	1.169e+07	3.519e+06	-2.952e+04
3	36	133.33	-5.653e+04	4.921e+04	-3.661e+04	9.274e+06	-1.894e+06	1.248e+05
3	36	266.67	-6.256e+04	5.082e+04	-1.122e+04	6.727e+06	-2.427e+06	1.002e+05
3	36	400.00	-7.269e+04	5.542e+04	1.255e+04	3.083e+06	-1.178e+06	9.247e+04
3	36	505.00	-7.353e+04	5.494e+04	2.354e+04	3.150e+06	4.997e+04	-1.532e+05
3	69	0.0	-1.786e+04	4.459e+04	-3.434e+04	9.897e+06	2.731e+06	-8396.00
3	69	133.33	-3.131e+04	4.007e+04	-2.827e+04	7.958e+06	-1.443e+06	1.204e+05
3	69	266.67	-3.720e+04	4.125e+04	-8639.85	5.710e+06	-1.862e+06	9.971e+04
3	69	400.00	-4.669e+04	4.443e+04	9791.24	2.365e+06	-9.000e+05	9.401e+04
3	69	505.00	-4.838e+04	4.293e+04	1.816e+04	2.176e+06	3.744e+04	-1.075e+05
3	86	0.0	-3.501e+04	5.543e+04	-4.518e+04	1.055e+07	3.578e+06	-4.749e+04
3	86	133.33	-4.952e+04	5.027e+04	-3.665e+04	8.701e+06	-1.877e+06	9.438e+04
3	86	266.67	-5.353e+04	5.186e+04	-1.134e+04	6.716e+06	-2.421e+06	7.266e+04
3	86	400.00	-6.153e+04	5.643e+04	1.203e+04	3.655e+06	-1.191e+06	6.607e+04
3	86	505.00	-6.388e+04	5.571e+04	2.361e+04	3.014e+06	4.494e+04	-1.711e+05
3	98	0.0	-2.315e+04	7.334e+04	-3.815e+04	6.788e+06	2.994e+06	-5.788e+04
3	98	133.33	-3.543e+04	6.911e+04	-3.183e+04	5.330e+06	-1.194e+06	3.999e+04
3	98	266.67	-3.800e+04	6.529e+04	-9242.12	5.209e+06	-1.872e+06	1.959e+04
3	98	400.00	-4.609e+04	6.281e+04	9549.80	3.888e+06	-9.563e+05	4.979e+04
3	98	505.00	-4.839e+04	5.720e+04	1.795e+04	3.629e+06	5892.15	-1.562e+05
3	110	0.0	-4.311e+04	5.162e+04	-4.060e+04	7.064e+06	3.068e+06	-6.258e+04
3	110	133.33	-5.379e+04	4.739e+04	-3.428e+04	5.440e+06	-1.121e+06	3.578e+04
3	110	266.67	-4.970e+04	4.723e+04	-8932.25	5.312e+06	-1.941e+06	1.175e+04
3	110	400.00	-4.979e+04	4.857e+04	9088.30	4.239e+06	-1.020e+06	3.095e+04
3	110	505.00	-4.849e+04	4.693e+04	1.805e+04	3.540e+06	7137.25	-1.595e+05
3	117	0.0	1.042e+04	4.996e+04	-2.718e+04	8.961e+06	2.351e+06	-2490.30
3	117	133.33	-4769.30	4.574e+04	-2.086e+04	7.375e+06	-1.831e+06	1.151e+05
3	117	266.67	-2.092e+04	4.571e+04	-8308.26	4.675e+06	-1.730e+06	1.229e+05
3	117	400.00	-4.078e+04	4.841e+04	9645.39	9.193e+05	-7.578e+05	9.175e+04
3	117	505.00	-4.832e+04	4.525e+04	1.802e+04	1.314e+06	7.005e+04	-9.865e+04
3	120	0.0	-5.601e+04	3.716e+04	-4.192e+04	8.887e+06	3.132e+06	-4.400e+04
3	120	133.33	-6.526e+04	3.294e+04	-3.560e+04	7.143e+06	-1.057e+06	7.520e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
3	120	266.67	-5.788e+04	3.538e+04	-9060.75	6.114e+06	-1.995e+06	3.028e+04
3	120	400.00	-5.339e+04	3.946e+04	9368.38	4.252e+06	-1.060e+06	5.045e+04
3	120	505.00	-4.930e+04	4.062e+04	1.830e+04	3.193e+06	1540.95	-1.418e+05
3	130	0.0	-2.321e+04	7.938e+04	-3.887e+04	6.354e+06	3.045e+06	-6.468e+04
3	130	133.33	-3.549e+04	7.516e+04	-3.254e+04	4.939e+06	-1.144e+06	2.887e+04
3	130	266.67	-3.769e+04	7.031e+04	-9337.96	5.171e+06	-1.873e+06	7971.52
3	130	400.00	-4.584e+04	6.663e+04	9570.20	4.144e+06	-9.657e+05	4.574e+04
3	130	505.00	-4.826e+04	6.008e+04	1.792e+04	3.902e+06	40.54	-1.634e+05
3	142	0.0	-4.690e+04	5.325e+04	-4.175e+04	6.636e+06	3.134e+06	-7.072e+04
3	142	133.33	-5.723e+04	4.903e+04	-3.543e+04	5.020e+06	-1.056e+06	2.363e+04
3	142	266.67	-5.149e+04	4.860e+04	-8960.75	5.264e+06	-1.953e+06	-1760.37
3	142	400.00	-5.009e+04	4.951e+04	9029.26	4.538e+06	-1.042e+06	2.254e+04
3	142	505.00	-4.833e+04	4.774e+04	1.806e+04	3.783e+06	1391.91	-1.687e+05
3	149	0.0	1.688e+04	5.126e+04	-2.574e+04	9.001e+06	2.272e+06	1711.84
3	149	133.33	1062.73	4.704e+04	-1.942e+04	7.432e+06	-1.909e+06	1.196e+05
3	149	266.67	-1.744e+04	4.675e+04	-8245.03	4.542e+06	-1.706e+06	1.323e+05
3	149	400.00	-3.969e+04	4.931e+04	9653.78	6.061e+05	-7.273e+05	9.550e+04
3	149	505.00	-4.826e+04	4.572e+04	1.797e+04	1.132e+06	7.718e+04	-9.372e+04
3	152	0.0	-6.247e+04	3.587e+04	-4.336e+04	8.846e+06	3.211e+06	-4.820e+04
3	152	133.33	-7.109e+04	3.164e+04	-3.704e+04	7.085e+06	-9.790e+05	7.074e+04
3	152	266.67	-6.135e+04	3.434e+04	-9123.99	6.247e+06	-2.018e+06	2.086e+04
3	152	400.00	-5.448e+04	3.856e+04	9359.99	4.565e+06	-1.090e+06	4.670e+04
3	152	505.00	-4.936e+04	4.015e+04	1.835e+04	3.374e+06	-5592.38	-1.467e+05
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7.353e+04	3.164e+04	-4.518e+04	6.061e+05	-2.427e+06	-1.711e+05
			1.688e+04	7.938e+04	2.361e+04	1.177e+07	3.578e+06	1.323e+05

Macro	Tipo	Angolo 1-Z (gradi)
5	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
5	2	0.0	-3.130e+05	-4.263e+04	8336.57	3.489e+07	1.747e+05	-5.631e+04
5	2	133.33	-2.653e+05	-4.270e+04	-1320.31	3.346e+07	3.072e+05	-3.846e+04
5	2	133.33	-2.653e+05	-4.270e+04	-1320.31	3.346e+07	3.072e+05	-3.846e+04
5	2	266.67	-2.299e+05	-4.224e+04	-4178.41	3.646e+07	-5.082e+04	6.036e+04
5	2	266.67	-2.299e+05	-4.224e+04	-4178.41	3.646e+07	-5.082e+04	6.036e+04
5	2	400.00	-1.861e+05	-3.793e+04	-1.158e+04	4.609e+07	-9.420e+05	1.319e+05
5	2	505.00	-2.219e+05	8.626e+04	-4.277e+04	3.196e+07	-3.704e+06	8.432e+04
5	2	560.00	-8.193e+04	2.538e+04	1.074e+05	4.715e+06	3.191e+06	1.608e+05
5	2	666.50	-5.718e+04	4942.85	-4918.51	1.245e+06	9.578e+05	2.419e+04
5	2	773.00	-5.439e+04	4166.48	-4171.51	-2.356e+06	4.789e+05	-1.080e+05
5	2	790.00	-4.213e+04	4598.01	-2976.61	5.736e+05	4.365e+05	-2.070e+04
5	2	879.50	-4.384e+04	4467.67	-2013.78	-4.701e+05	2.060e+05	-2.092e+04
5	2	986.00	-3.044e+04	2023.38	-1510.32	1.678e+05	1.014e+04	1.592e+04
5	2	986.00	-3.044e+04	2023.38	-1510.32	1.678e+05	1.014e+04	1.592e+04
5	56	0.0	-3.474e+05	-2.996e+04	-3683.04	4.190e+07	1.376e+06	-3.409e+04
5	56	133.33	-3.046e+05	-3.863e+04	-9283.72	4.008e+07	-3.403e+05	-2.342e+04
5	56	133.33	-3.046e+05	-3.863e+04	-9283.72	4.008e+07	-3.403e+05	-2.342e+04
5	56	266.67	-2.695e+05	-4.809e+04	-1925.84	4.159e+07	-7.426e+05	6.332e+04
5	56	266.67	-2.695e+05	-4.809e+04	-1925.84	4.159e+07	-7.426e+05	6.332e+04
5	56	400.00	-2.221e+05	-5.049e+04	-9167.61	4.876e+07	-1.035e+06	1.319e+05
5	56	505.00	-2.557e+05	7.367e+04	-3.339e+04	3.448e+07	-2.973e+06	9.205e+04
5	56	560.00	-9.768e+04	1.666e+04	1.011e+05	4.500e+06	3.376e+06	1.446e+05
5	56	666.50	-7.294e+04	4158.43	-4298.67	4.858e+04	1.122e+06	5.337e+04
5	56	773.00	-6.889e+04	3385.86	-4386.64	-2.896e+06	6.142e+05	-9.441e+04
5	56	790.00	-5.668e+04	3664.75	-3580.64	6.285e+05	5.651e+05	-1.461e+04
5	56	879.50	-5.783e+04	3676.82	-2121.83	-3.000e+05	2.981e+05	-1.966e+04
5	56	986.00	-4.388e+04	905.80	-2153.75	8.347e+04	3696.48	1.913e+04
5	56	986.00	-4.388e+04	905.80	-2153.75	8.347e+04	3696.48	1.913e+04
5	90	0.0	-2.278e+05	-2.605e+04	-5828.49	2.596e+07	1.274e+06	-4.466e+04
5	90	133.33	-1.980e+05	-3.268e+04	-7610.38	2.615e+07	-2.061e+05	-1.499e+04
5	90	133.33	-1.980e+05	-3.268e+04	-7610.38	2.615e+07	-2.061e+05	-1.499e+04
5	90	266.67	-1.736e+05	-3.992e+04	-1316.84	2.872e+07	-5.349e+05	5.565e+04
5	90	266.67	-1.736e+05	-3.992e+04	-1316.84	2.872e+07	-5.349e+05	5.565e+04
5	90	400.00	-1.392e+05	-4.176e+04	-6367.18	3.550e+07	-7.093e+05	1.055e+05

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
5	90	505.00	-1.631e+05	5.460e+04	-2.381e+04	2.529e+07	-2.030e+06	6.372e+04
5	90	560.00	-5.572e+04	1.155e+04	7.577e+04	3.644e+06	2.745e+06	1.139e+05
5	90	666.50	-3.946e+04	2555.84	-8807.80	6.012e+05	7.319e+05	-2.030e+04
5	90	773.00	-3.696e+04	2130.57	-5689.74	-2.088e+06	1.288e+05	-9.331e+04
5	90	790.00	-2.800e+04	2506.72	-1931.05	8.017e+04	1.060e+05	-1.571e+04
5	90	879.50	-2.963e+04	2467.34	-2078.95	-5.417e+05	-7.055e+04	-9430.23
5	90	986.00	-2.027e+04	916.91	545.10	2.407e+05	2.304e+04	2.411e+04
5	90	986.00	-2.027e+04	916.91	545.10	2.407e+05	2.304e+04	2.411e+04
5	97	0.0	-2.435e+05	2.505e+04	-1835.00	1.858e+07	9.884e+05	-4.297e+04
5	97	133.33	-2.123e+05	1.588e+04	-6766.76	2.060e+07	-2.754e+05	-7.897e+04
5	97	133.33	-2.123e+05	1.588e+04	-6766.76	2.060e+07	-2.754e+05	-7.897e+04
5	97	266.67	-1.833e+05	5937.24	-1290.25	2.285e+07	-5.574e+05	-1.498e+04
5	97	266.67	-1.833e+05	5937.24	-1290.25	2.285e+07	-5.574e+05	-1.498e+04
5	97	400.00	-1.485e+05	1372.97	-6980.47	3.203e+07	-7.809e+05	3.298e+04
5	97	505.00	-1.750e+05	8.998e+04	-2.501e+04	2.295e+07	-2.224e+06	3.960e+04
5	97	560.00	-6.472e+04	3.062e+04	7.467e+04	1.262e+06	2.574e+06	1.172e+05
5	97	666.50	-4.577e+04	1.363e+04	-3862.28	-1.264e+06	8.278e+05	2.403e+04
5	97	773.00	-4.322e+04	1.176e+04	-3465.15	-2.794e+06	4.249e+05	-7.055e+04
5	97	790.00	-3.400e+04	1.037e+04	-2643.14	2.862e+04	3.944e+05	-3172.00
5	97	879.50	-3.502e+04	1.041e+04	-1782.81	-6.289e+05	1.991e+05	-6571.16
5	97	986.00	-2.344e+04	6703.54	-1498.94	5.202e+04	1.950e+04	1.377e+04
5	97	986.00	-2.344e+04	6703.54	-1498.94	5.202e+04	1.950e+04	1.377e+04
5	116	0.0	-2.184e+05	-4.229e+04	-1.357e+04	2.079e+07	1.830e+06	-5.337e+04
5	116	133.33	-1.898e+05	-4.784e+04	-9466.83	2.437e+07	-5.950e+04	6.370e+04
5	116	133.33	-1.898e+05	-4.784e+04	-9466.83	2.437e+07	-5.950e+04	6.370e+04
5	116	266.67	-1.651e+05	-5.370e+04	-1702.81	2.548e+07	-6.352e+05	1.249e+05
5	116	266.67	-1.651e+05	-5.370e+04	-1702.81	2.548e+07	-6.352e+05	1.249e+05
5	116	400.00	-1.297e+05	-5.606e+04	-8163.81	3.532e+07	-9.286e+05	1.826e+05
5	116	505.00	-1.564e+05	4.429e+04	-2.637e+04	2.678e+07	-2.523e+06	1.012e+05
5	116	560.00	-4.923e+04	4255.97	8.349e+04	7.567e+06	2.570e+06	1.044e+05
5	116	666.50	-3.764e+04	72.42	-6356.95	3.291e+06	1.130e+06	1.305e+04
5	116	773.00	-3.752e+04	-133.96	-5474.54	-3.966e+05	4.945e+05	-1.180e+05
5	116	790.00	-2.865e+04	612.60	-2984.44	6.448e+05	3.549e+05	-1.604e+04
5	116	879.50	-3.050e+04	654.35	-2124.11	1.982e+05	1.525e+05	-1.916e+04
5	116	986.00	-2.143e+04	55.05	-908.62	3.245e+05	-1.633e+04	1.549e+04
5	116	986.00	-2.143e+04	55.05	-908.62	3.245e+05	-1.633e+04	1.549e+04
5	119	0.0	-2.696e+05	-2.855e+04	5671.93	4.470e+07	4.119e+05	-2.728e+04
5	119	133.33	-2.318e+05	-3.468e+04	-5498.34	3.731e+07	-4.520e+05	-1.222e+05
5	119	133.33	-2.318e+05	-3.468e+04	-5498.34	3.731e+07	-4.520e+05	-1.222e+05
5	119	266.67	-2.046e+05	-4.169e+04	-1403.99	3.881e+07	-5.271e+05	-7.690e+04
5	119	266.67	-2.046e+05	-4.169e+04	-1403.99	3.881e+07	-5.271e+05	-7.690e+04
5	119	400.00	-1.635e+05	-4.157e+04	-5774.76	3.922e+07	-6.765e+05	-1.941e+04
5	119	505.00	-1.840e+05	5.521e+04	-2.453e+04	2.278e+07	-2.017e+06	-2811.14
5	119	560.00	-7.664e+04	1.804e+04	7.694e+04	8.407e+05	2.752e+06	1.138e+05
5	119	666.50	-5.013e+04	1119.78	-2051.83	-9.933e+05	5.523e+05	2.940e+04
5	119	773.00	-4.562e+04	838.37	-2305.37	-2.133e+06	3.273e+05	-4.994e+04
5	119	790.00	-3.539e+04	1564.45	-2128.70	4.599e+05	3.884e+05	-2.270e+04
5	119	879.50	-3.572e+04	1572.51	-1268.37	-2.577e+05	1.911e+05	-2.336e+04
5	119	986.00	-2.416e+04	250.95	-1689.00	1.392e+05	2.651e+04	4210.61
5	119	986.00	-2.416e+04	250.95	-1689.00	1.392e+05	2.651e+04	4210.61
5	120	0.0	-2.152e+05	-4.889e+04	-1.280e+04	2.341e+07	1.803e+06	-2.606e+04
5	120	133.33	-1.879e+05	-5.465e+04	-9090.58	2.581e+07	-5.696e+04	1.101e+05
5	120	133.33	-1.879e+05	-5.465e+04	-9090.58	2.581e+07	-5.696e+04	1.101e+05
5	120	266.67	-1.636e+05	-6.057e+04	-1582.75	2.669e+07	-5.965e+05	1.970e+05
5	120	266.67	-1.636e+05	-6.057e+04	-1582.75	2.669e+07	-5.965e+05	1.970e+05
5	120	400.00	-1.308e+05	-6.264e+04	-7876.05	3.493e+07	-8.632e+05	2.434e+05
5	120	505.00	-1.579e+05	3.712e+04	-2.596e+04	2.590e+07	-2.419e+06	1.448e+05
5	120	560.00	-5.065e+04	-3855.24	7.835e+04	6.745e+06	2.548e+06	1.080e+05
5	120	666.50	-3.953e+04	-1411.00	-6371.35	2.506e+06	1.073e+06	2.452e+04
5	120	773.00	-3.728e+04	-1573.37	-5132.62	-1.183e+06	4.687e+05	-1.002e+05
5	120	790.00	-2.881e+04	-788.59	-2915.22	4.560e+05	3.511e+05	-4411.29
5	120	879.50	-3.021e+04	-775.86	-2054.89	-1.495e+05	1.492e+05	-5941.15
5	120	986.00	-2.154e+04	-1728.24	-913.59	1.606e+05	-1.457e+04	2.831e+04
5	120	986.00	-2.154e+04	-1728.24	-913.59	1.606e+05	-1.457e+04	2.831e+04
5	129	0.0	-2.440e+05	3.513e+04	-1426.73	1.639e+07	9.598e+05	-4.551e+04
5	129	133.33	-2.128e+05	2.545e+04	-6656.68	1.907e+07	-2.818e+05	-9.178e+04
5	129	133.33	-2.128e+05	2.545e+04	-6656.68	1.907e+07	-2.818e+05	-9.178e+04
5	129	266.67	-1.833e+05	1.495e+04	-1257.24	2.149e+07	-5.560e+05	-2.805e+04
5	129	266.67	-1.833e+05	1.495e+04	-1257.24	2.149e+07	-5.560e+05	-2.805e+04
5	129	400.00	-1.488e+05	9834.63	-6983.96	3.135e+07	-7.798e+05	1.893e+04
5	129	505.00	-1.756e+05	9.689e+04	-2.498e+04	2.266e+07	-2.223e+06	3.434e+04
5	129	560.00	-6.495e+04	3.440e+04	7.429e+04	8.619e+05	2.564e+06	1.181e+05
5	129	666.50	-4.594e+04	1.576e+04	-3781.80	-1.557e+06	8.259e+05	2.290e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
5	129	773.00	-4.346e+04	1.362e+04	-3411.16	-2.948e+06	4.282e+05	-6.887e+04
5	129	790.00	-3.425e+04	1.190e+04	-2650.26	-2.912e+04	3.979e+05	-2457.21
5	129	879.50	-3.529e+04	1.194e+04	-1789.93	-6.895e+05	2.031e+05	-5642.11
5	129	986.00	-2.353e+04	7854.10	-1527.78	3.773e+04	2.114e+04	1.375e+04
5	129	986.00	-2.353e+04	7854.10	-1527.78	3.773e+04	2.114e+04	1.375e+04
5	148	0.0	-2.139e+05	-4.584e+04	-1.551e+04	1.904e+07	1.972e+06	-5.824e+04
5	148	133.33	-1.861e+05	-5.115e+04	-9884.40	2.359e+07	-2.162e+04	7.985e+04
5	148	133.33	-1.861e+05	-5.115e+04	-9884.40	2.359e+07	-2.162e+04	7.985e+04
5	148	266.67	-1.618e+05	-5.673e+04	-1731.98	2.460e+07	-6.496e+05	1.394e+05
5	148	266.67	-1.618e+05	-5.673e+04	-1731.98	2.460e+07	-6.496e+05	1.394e+05
5	148	400.00	-1.268e+05	-5.919e+04	-8377.95	3.525e+07	-9.589e+05	1.980e+05
5	148	505.00	-1.536e+05	4.189e+04	-2.659e+04	2.714e+07	-2.580e+06	1.062e+05
5	148	560.00	-4.660e+04	2808.49	8.479e+04	8.382e+06	2.559e+06	1.029e+05
5	148	666.50	-3.617e+04	-446.87	-6776.78	3.893e+06	1.189e+06	1.024e+04
5	148	773.00	-3.669e+04	-518.25	-5809.36	-1.030e+05	5.114e+05	-1.265e+05
5	148	790.00	-2.798e+04	313.76	-3064.72	7.167e+05	3.514e+05	-1.715e+04
5	148	879.50	-2.997e+04	360.57	-2204.39	2.973e+05	1.483e+05	-2.056e+04
5	148	986.00	-2.117e+04	-117.35	-830.11	3.671e+05	-2.096e+04	1.523e+04
5	148	986.00	-2.117e+04	-117.35	-830.11	3.671e+05	-2.096e+04	1.523e+04
5	151	0.0	-2.752e+05	-2.935e+04	7551.44	4.768e+07	2.671e+05	-2.653e+04
5	151	133.33	-2.360e+05	-3.537e+04	-5161.54	3.909e+07	-4.944e+05	-1.442e+05
5	151	133.33	-2.360e+05	-3.537e+04	-5161.54	3.909e+07	-4.944e+05	-1.442e+05
5	151	266.67	-2.087e+05	-4.234e+04	-1412.00	4.060e+07	-5.209e+05	-1.019e+05
5	151	266.67	-2.087e+05	-4.234e+04	-1412.00	4.060e+07	-5.209e+05	-1.019e+05
5	151	400.00	-1.666e+05	-4.180e+04	-5572.47	3.986e+07	-6.561e+05	-4.437e+04
5	151	505.00	-1.867e+05	5.526e+04	-2.438e+04	2.272e+07	-1.974e+06	-1.608e+04
5	151	560.00	-7.930e+04	1.926e+04	7.689e+04	3.224e+05	2.777e+06	1.140e+05
5	151	666.50	-5.123e+04	730.02	-1609.61	-1.221e+06	4.967e+05	3.011e+04
5	151	773.00	-4.630e+04	467.07	-2025.54	-2.217e+06	3.111e+05	-4.498e+04
5	151	790.00	-3.592e+04	1300.99	-2042.80	4.680e+05	3.913e+05	-2.486e+04
5	151	879.50	-3.614e+04	1307.55	-1182.47	-2.604e+05	1.943e+05	-2.551e+04
5	151	986.00	-2.439e+04	128.23	-1762.21	1.437e+05	3.040e+04	1636.42
5	151	986.00	-2.439e+04	128.23	-1762.21	1.437e+05	3.040e+04	1636.42
5	152	0.0	-2.103e+05	-5.377e+04	-1.459e+04	2.213e+07	1.939e+06	-2.529e+04
5	152	133.33	-1.840e+05	-5.934e+04	-9432.36	2.517e+07	-1.808e+04	1.355e+05
5	152	133.33	-1.840e+05	-5.934e+04	-9432.36	2.517e+07	-1.808e+04	1.355e+05
5	152	266.67	-1.601e+05	-6.500e+04	-1594.24	2.594e+07	-6.024e+05	2.251e+05
5	152	266.67	-1.601e+05	-6.500e+04	-1594.24	2.594e+07	-6.024e+05	2.251e+05
5	152	400.00	-1.281e+05	-6.710e+04	-8043.01	3.477e+07	-8.809e+05	2.720e+05
5	152	505.00	-1.553e+05	3.327e+04	-2.610e+04	2.612e+07	-2.456e+06	1.587e+05
5	152	560.00	-4.830e+04	-6963.80	7.861e+04	7.398e+06	2.533e+06	1.073e+05
5	152	666.50	-3.851e+04	-2257.02	-6784.84	2.857e+06	1.120e+06	2.455e+04
5	152	773.00	-3.658e+04	-2286.63	-5395.96	-1.028e+06	4.804e+05	-1.052e+05
5	152	790.00	-2.823e+04	-1409.91	-2983.01	4.811e+05	3.467e+05	-3001.29
5	152	879.50	-2.971e+04	-1398.09	-2122.68	-1.138e+05	1.443e+05	-4656.73
5	152	986.00	-2.129e+04	-2259.12	-836.59	1.647e+05	-1.872e+04	3.047e+04
5	152	986.00	-2.129e+04	-2259.12	-836.59	1.647e+05	-1.872e+04	3.047e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.474e+05	-6.710e+04	-4.277e+04	-2.948e+06	-3.704e+06	-1.442e+05
			-2.027e+04	9.689e+04	1.074e+05	4.876e+07	3.376e+06	2.720e+05

Macro	Tipo	Angolo 1-Z (gradi)
6	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
6	21	0.0	-4.845e+04	-2.560e+04	6391.25	-1.557e+06	-4.097e+05	3.453e+04
6	21	133.33	-4.736e+04	-4.309e+04	6799.05	-5.307e+06	4.697e+05	1.709e+04
6	21	266.67	-3.318e+04	-6.030e+04	2292.71	-5.292e+06	3.449e+04	-3.100e+04
6	21	400.00	-1.206e+04	-6.898e+04	-4900.57	-3.485e+06	-4.883e+05	-5.711e+04
6	21	505.00	-5.435e+04	6.104e+04	-3870.66	4.692e+06	2.233e+05	6.645e+04
6	21	560.00	-3.146e+04	1.376e+04	-371.51	3.034e+06	-1.617e+05	-6532.71
6	21	720.00	-1.944e+04	537.45	1208.62	-5.210e+05	1.224e+05	-8.387e+04
6	21	790.00	-1.181e+04	2005.96	-644.18	-2.941e+04	9.659e+04	-1.008e+04
6	21	841.74	-5631.96	3575.86	-1077.58	-7.160e+04	3.696e+04	-4983.32
6	21	879.50	-5477.67	3054.34	-711.37	2.779e+04	9857.11	5363.95

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
6	21	888.78	-4395.08	2479.16	-572.83	6.052e+04	4092.28	4696.96
6	21	946.80	-2998.88	1379.30	-56.13	5.120e+04	928.09	432.99
6	36	0.0	-5.598e+04	-2.351e+04	6198.61	-1.199e+06	-3.960e+05	3.630e+04
6	36	133.33	-5.535e+04	-4.172e+04	6795.37	-5.196e+06	4.702e+05	2.374e+04
6	36	266.67	-4.144e+04	-5.894e+04	2256.72	-5.211e+06	3.375e+04	-2.537e+04
6	36	400.00	-2.072e+04	-6.734e+04	-5391.80	-3.281e+06	-5.031e+05	-5.283e+04
6	36	505.00	-6.318e+04	6.084e+04	-3505.89	4.578e+06	3.019e+05	6.576e+04
6	36	560.00	-3.765e+04	1.399e+04	-1214.98	3.201e+06	-1.460e+05	-4718.10
6	36	720.00	-2.157e+04	799.84	-298.36	-7.514e+05	554.72	-4.361e+04
6	36	790.00	-1.412e+04	3148.93	-457.90	-3.743e+05	-4760.84	-1.260e+04
6	36	841.74	-7197.15	4242.88	20.78	-2.590e+05	7812.39	1.652e+04
6	36	879.50	-6980.35	3722.02	-128.89	-8.570e+04	1.270e+04	2.963e+04
6	36	888.78	-5849.26	3063.21	-143.18	-1.797e+04	1.262e+04	2.918e+04
6	36	946.80	-3627.55	1757.38	-112.95	2.861e+04	3626.82	4505.19
6	65	0.0	-4.691e+04	-3.056e+04	6008.18	-1.872e+06	-3.858e+05	3.528e+04
6	65	133.33	-4.785e+04	-5.005e+04	6809.70	-5.619e+06	4.687e+05	1.525e+04
6	65	266.67	-3.540e+04	-6.719e+04	2288.20	-5.485e+06	3.352e+04	-3.208e+04
6	65	400.00	-1.549e+04	-7.569e+04	-4970.91	-3.503e+06	-4.920e+05	-5.864e+04
6	65	505.00	-5.735e+04	5.331e+04	-3362.66	4.123e+06	2.870e+05	6.385e+04
6	65	560.00	-3.357e+04	6336.65	-534.31	2.598e+06	-1.201e+05	391.40
6	65	720.00	-1.849e+04	-5056.32	112.75	-7.956e+05	2.185e+04	-5.424e+04
6	65	790.00	-1.031e+04	-3207.44	-66.84	-3.082e+05	2.767e+04	-8079.20
6	65	841.74	-4601.48	675.61	-192.40	-2.119e+05	3.244e+04	2.084e+04
6	65	879.50	-4735.34	838.82	-246.41	-6.721e+04	3.045e+04	2.557e+04
6	65	888.78	-3763.31	506.16	-293.76	-3.097e+04	2.814e+04	2.380e+04
6	65	946.80	-2594.44	168.12	-441.72	3.030e+04	8203.27	-8255.11
6	69	0.0	-3.517e+04	-2.483e+04	4556.65	-1.535e+06	-2.926e+05	2.706e+04
6	69	133.33	-3.631e+04	-4.021e+04	5237.60	-4.393e+06	3.603e+05	1.062e+04
6	69	266.67	-2.710e+04	-5.337e+04	1757.82	-4.258e+06	2.533e+04	-2.550e+04
6	69	400.00	-1.204e+04	-5.991e+04	-3818.31	-2.701e+06	-3.797e+05	-4.562e+04
6	69	505.00	-4.399e+04	3.930e+04	-2559.55	3.041e+06	2.214e+05	4.864e+04
6	69	560.00	-2.576e+04	3220.34	-413.08	1.865e+06	-9.224e+04	1038.85
6	69	720.00	-1.376e+04	-5189.96	98.03	-6.435e+05	1.522e+04	-4.158e+04
6	69	790.00	-7319.12	-3781.35	27.38	-2.575e+05	2.290e+04	-4741.45
6	69	841.74	-3120.59	-218.84	-143.57	-1.728e+05	2.893e+04	1.806e+04
6	69	879.50	-3294.74	58.59	-186.54	-6.012e+04	2.744e+04	1.985e+04
6	69	888.78	-2578.36	-131.43	-237.73	-3.530e+04	2.546e+04	1.818e+04
6	69	946.80	-1835.21	-190.24	-417.19	2.112e+04	7488.96	-9161.33
6	99	0.0	-3.588e+04	-2.414e+04	2167.62	-1.679e+06	-2.234e+05	3.123e+04
6	99	133.33	-3.596e+04	-3.770e+04	2667.57	-4.697e+06	4.400e+05	1.542e+04
6	99	266.67	-2.945e+04	-5.224e+04	2322.47	-4.109e+06	-2.645e+04	-2.019e+04
6	99	400.00	-1.724e+04	-5.739e+04	-4048.17	-2.253e+06	-3.972e+05	-3.261e+04
6	99	505.00	-5.017e+04	3.944e+04	-2827.83	3.598e+06	2.519e+05	4.418e+04
6	99	560.00	-3.453e+04	7702.49	-2081.55	2.723e+06	-1.014e+05	-9214.89
6	99	720.00	-1.939e+04	-2087.25	-364.72	-4.988e+05	1.236e+04	-3.541e+04
6	99	790.00	-1.147e+04	-28.98	-99.61	-6.149e+05	-1.464e+04	-7365.76
6	99	841.74	-4896.02	2102.01	92.49	-3.044e+05	5735.17	1.849e+04
6	99	879.50	-4892.98	2385.28	-127.11	-5.281e+04	6270.37	2.633e+04
6	99	888.78	-4087.32	2023.29	-83.49	-2.293e+04	5575.27	2.437e+04
6	99	946.80	-2621.28	1233.19	334.15	3.673e+04	2165.13	3346.36
6	110	0.0	-4.273e+04	1.170e+04	5581.88	1.627e+05	-3.356e+05	2.707e+04
6	110	133.33	-4.206e+04	-1860.67	6081.83	-2.666e+06	3.272e+05	2.176e+04
6	110	266.67	-2.666e+04	-1.069e+04	1316.10	-3.702e+06	2.552e+04	-1.569e+04
6	110	400.00	-5483.11	-2.242e+04	-3316.68	-3.208e+06	-3.636e+05	-4.308e+04
6	110	505.00	-3.981e+04	7.164e+04	-3623.38	3.185e+06	2.105e+05	5.258e+04
6	110	560.00	-2.092e+04	2.285e+04	-1053.39	2.116e+06	-1.505e+05	-3.402e+04
6	110	720.00	-1.304e+04	7108.00	519.05	-2.697e+05	1.221e+04	-4.231e+04
6	110	790.00	-9140.05	7791.22	-391.33	2.585e+05	3.557e+04	-1.952e+04
6	110	841.74	-5672.75	6214.84	-245.22	1.474e+05	9000.11	3765.12
6	110	879.50	-4840.78	4361.38	-139.94	9.475e+04	7352.16	1.964e+04
6	110	888.78	-3983.60	3613.51	-232.06	1.126e+05	6477.64	2.186e+04
6	110	946.80	-2111.14	1780.47	-789.10	3.673e+04	-1370.91	3617.56
6	118	0.0	-4.377e+04	1.484e+04	5669.33	2.394e+05	-3.334e+05	2.518e+04
6	118	133.33	-4.233e+04	1278.91	6169.27	-2.607e+06	3.299e+05	1.981e+04
6	118	266.67	-2.667e+04	-7363.41	1284.68	-3.714e+06	2.657e+04	-1.908e+04
6	118	400.00	-5483.30	-1.937e+04	-3369.12	-3.264e+06	-3.691e+05	-4.546e+04
6	118	505.00	-3.929e+04	7.601e+04	-3539.91	3.240e+06	1.780e+05	6.528e+04
6	118	560.00	-1.951e+04	2.189e+04	715.59	2.308e+06	-1.389e+05	-3.825e+04
6	118	720.00	-1.340e+04	8909.00	93.19	-3.054e+05	3.010e+04	-4.659e+04
6	118	790.00	-1.025e+04	9396.56	-640.17	2.657e+05	3.643e+04	-2.628e+04
6	118	841.74	-5772.11	6449.03	-288.41	1.259e+05	6732.29	-4400.00
6	118	879.50	-4924.33	4570.26	-143.23	8.955e+04	4521.09	1.241e+04
6	118	888.78	-4123.13	3833.18	-185.86	1.108e+05	3918.39	1.560e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
6	118	946.80	-2132.04	2055.13	-424.32	3.673e+04	-1065.88	4360.28
6	121	0.0	-3.282e+04	-5.648e+04	5210.64	-2.472e+06	-3.152e+05	2.665e+04
6	121	133.33	-3.324e+04	-7.004e+04	5710.59	-5.431e+06	3.509e+05	7974.77
6	121	266.67	-2.650e+04	-8.799e+04	1907.83	-4.458e+06	5.735e+04	-2.849e+04
6	121	400.00	-1.511e+04	-8.904e+04	-4781.70	-2.138e+06	-3.955e+05	-4.708e+04
6	121	505.00	-4.528e+04	1.684e+04	-2252.70	3.825e+06	2.253e+05	3.729e+04
6	121	560.00	-2.902e+04	-1335.94	-1432.76	2.052e+06	-9.754e+04	4.227e+04
6	121	720.00	-1.528e+04	-8166.07	197.96	-6.360e+05	2.723e+04	-3.973e+04
6	121	790.00	-7246.27	-6497.83	35.13	-2.690e+05	1.979e+04	1616.74
6	121	841.74	-3051.53	-1050.20	-196.45	-2.236e+05	2.312e+04	1.852e+04
6	121	879.50	-3746.04	-41.15	-324.69	-7.400e+04	1.996e+04	2.027e+04
6	121	888.78	-2839.83	-245.43	-268.88	-3.236e+04	1.759e+04	1.651e+04
6	121	946.80	-2506.64	-125.76	112.47	3.673e+04	6714.43	563.65
6	126	0.0	-4.055e+04	-1.375e+04	7786.87	-5.342e+05	-3.990e+05	2.333e+04
6	126	133.33	-3.977e+04	-2.731e+04	8286.82	-3.335e+06	2.662e+05	1.561e+04
6	126	266.67	-2.453e+04	-3.909e+04	1050.27	-4.010e+06	8.858e+04	-2.299e+04
6	126	400.00	-4551.50	-4.740e+04	-3988.36	-3.095e+06	-3.674e+05	-5.378e+04
6	126	505.00	-3.641e+04	5.439e+04	-2972.27	3.452e+06	1.779e+05	5.454e+04
6	126	560.00	-1.679e+04	1.490e+04	304.69	1.796e+06	-1.338e+05	6010.47
6	126	720.00	-1.047e+04	3072.74	666.38	-3.867e+05	3.176e+04	-4.666e+04
6	126	790.00	-6749.37	3401.25	-394.40	4.855e+05	5.541e+04	-1.523e+04
6	126	841.74	-4291.63	3760.37	-435.18	1.725e+05	1.944e+04	887.34
6	126	879.50	-4022.56	2557.22	-268.91	6.969e+04	1.522e+04	1.273e+04
6	126	888.78	-3122.30	1956.99	-320.19	9.826e+04	1.337e+04	1.391e+04
6	126	946.80	-2063.17	884.70	-696.22	3.673e+04	2248.23	2494.05
6	131	0.0	-3.545e+04	-2.522e+04	1646.92	-1.782e+06	-2.074e+05	3.213e+04
6	131	133.33	-3.559e+04	-3.878e+04	2146.87	-4.821e+06	4.559e+05	1.545e+04
6	131	266.67	-2.990e+04	-5.359e+04	2442.68	-4.111e+06	-3.710e+04	-1.983e+04
6	131	400.00	-1.838e+04	-5.842e+04	-4044.78	-2.170e+06	-3.996e+05	-3.056e+04
6	131	505.00	-5.149e+04	3.793e+04	-2826.24	3.620e+06	2.597e+05	4.309e+04
6	131	560.00	-3.617e+04	7053.53	-2354.80	2.783e+06	-9.869e+04	-1.043e+04
6	131	720.00	-2.017e+04	-2640.27	-450.38	-5.154e+05	9882.96	-3.430e+04
6	131	790.00	-1.188e+04	-363.27	-64.24	-7.177e+05	-2.102e+04	-6445.79
6	131	841.74	-4960.15	1941.73	140.80	-3.471e+05	4683.61	2.021e+04
6	131	879.50	-4976.17	2364.48	-113.87	-6.432e+04	5681.05	2.760e+04
6	131	888.78	-4176.61	2023.03	-63.51	-3.403e+04	5072.17	2.538e+04
6	131	946.80	-2668.81	1247.95	412.93	3.673e+04	2202.74	3396.94
6	150	0.0	-4.476e+04	2.170e+04	5864.67	5.100e+05	-3.394e+05	2.482e+04
6	150	133.33	-4.330e+04	8139.35	6364.62	-2.318e+06	3.236e+05	2.078e+04
6	150	266.67	-2.651e+04	422.33	1197.04	-3.664e+06	2.688e+04	-1.857e+04
6	150	400.00	-4347.44	-1.271e+04	-3261.32	-3.400e+06	-3.663e+05	-4.612e+04
6	150	505.00	-3.828e+04	8.184e+04	-3650.93	3.183e+06	1.714e+05	6.736e+04
6	150	560.00	-1.812e+04	2.413e+04	983.93	2.316e+06	-1.438e+05	-4.541e+04
6	150	720.00	-1.293e+04	1.052e+04	125.03	-2.622e+05	3.171e+04	-4.764e+04
6	150	790.00	-1.036e+04	1.084e+04	-705.95	3.372e+05	4.067e+04	-2.890e+04
6	150	841.74	-5982.98	7121.03	-314.42	1.674e+05	5791.24	-6937.43
6	150	879.50	-5000.18	4956.46	-134.48	1.055e+05	3479.48	1.127e+04
6	150	888.78	-4205.70	4168.05	-186.78	1.252e+05	2986.87	1.510e+04
6	150	946.80	-2091.17	2234.46	-488.10	3.673e+04	-1719.06	4531.46
6	153	0.0	-3.188e+04	-6.410e+04	5301.56	-2.731e+06	-3.178e+05	2.625e+04
6	153	133.33	-3.230e+04	-7.766e+04	5801.51	-5.702e+06	3.487e+05	6447.95
6	153	266.67	-2.642e+04	-9.655e+04	1934.16	-4.517e+06	6.350e+04	-2.968e+04
6	153	400.00	-1.578e+04	-9.645e+04	-4909.28	-2.027e+06	-3.975e+05	-4.792e+04
6	153	505.00	-4.565e+04	1.081e+04	-2144.97	3.873e+06	2.272e+05	3.531e+04
6	153	560.00	-2.964e+04	-3779.70	-1555.11	1.993e+06	-9.423e+04	5.145e+04
6	153	720.00	-1.534e+04	-9815.04	210.06	-6.830e+05	2.747e+04	-3.943e+04
6	153	790.00	-6839.93	-8080.65	87.80	-2.937e+05	1.975e+04	4105.19
6	153	841.74	-2744.81	-1794.18	-205.18	-2.479e+05	2.532e+04	2.029e+04
6	153	879.50	-3596.90	-518.08	-350.26	-8.709e+04	2.186e+04	2.047e+04
6	153	888.78	-2678.76	-671.67	-285.48	-4.358e+04	1.926e+04	1.607e+04
6	153	946.80	-2527.71	-361.05	144.70	3.673e+04	7562.07	151.76
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6.318e+04	-9.655e+04	-5391.80	-5.702e+06	-5.031e+05	-8.387e+04
			-1835.21	8.184e+04	8286.82	4.692e+06	4.702e+05	6.736e+04

Macro	Tipo	Angolo 1-Z (gradi)
7	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
7	16	0.0	-1.602e+05	-5.852e+04	-2.414e+05	2.608e+06	2.064e+07	-5.269e+04
7	16	133.33	-1.733e+05	-6.089e+04	-2.627e+05	5.444e+06	-1.296e+07	-9.420e+04
7	16	266.67	-1.696e+05	-7.060e+04	-5.110e+04	6.895e+06	-1.408e+07	-1.179e+05
7	16	400.00	-1.621e+05	-9.550e+04	1.164e+05	1.167e+07	4.737e+06	-3.728e+05
7	16	505.00	-7.934e+04	-9846.93	-1.858e+04	7.203e+06	2.399e+06	-4.002e+05
7	16	560.00	-5.192e+04	-8080.34	-8228.89	-4.056e+06	9.567e+05	-6.369e+04
7	16	666.50	-3.240e+04	-478.84	-2121.22	-2.294e+06	3.521e+05	-4.519e+04
7	16	720.00	-2.928e+04	-3531.41	-1263.81	-1.822e+06	2.005e+05	2.851e+04
7	16	790.00	-1.595e+04	-769.09	-92.22	-1.239e+06	1.543e+05	-2.421e+04
7	16	841.74	-6591.24	1023.87	-1267.78	-4.936e+05	4.367e+04	-7.387e+04
7	16	879.50	-6092.89	1513.30	-636.52	-1.589e+05	3185.93	-7.261e+04
7	16	888.78	-4940.67	1408.55	-676.84	-9.217e+04	-4393.70	-7.025e+04
7	16	946.80	-2148.93	371.90	-323.50	-4.576e+04	7344.42	-7501.85
7	67	0.0	-1.511e+05	-6.373e+04	-2.407e+05	-3.192e+05	2.053e+07	-8.731e+04
7	67	133.33	-1.647e+05	-6.590e+04	-2.624e+05	2.812e+06	-1.300e+07	-1.384e+05
7	67	266.67	-1.616e+05	-7.558e+04	-5.095e+04	4.297e+06	-1.409e+07	-1.545e+05
7	67	400.00	-1.545e+05	-1.006e+05	1.165e+05	9.156e+06	4.746e+06	-4.071e+05
7	67	505.00	-7.340e+04	-1.476e+04	-1.888e+04	5.520e+06	2.416e+06	-4.301e+05
7	67	560.00	-4.710e+04	-1.372e+04	-8497.10	-4.291e+06	9.564e+05	-6.893e+04
7	67	666.50	-2.985e+04	-5314.79	-2552.68	-2.560e+06	3.556e+05	-5.174e+04
7	67	720.00	-2.722e+04	-8098.59	-1769.90	-2.055e+06	1.836e+05	2.823e+04
7	67	790.00	-1.413e+04	-4335.69	-551.23	-1.374e+06	1.218e+05	-2.834e+04
7	67	841.74	-5576.04	-1381.52	-1060.79	-5.271e+05	2.193e+04	-8.238e+04
7	67	879.50	-5318.05	-284.22	-456.07	-1.884e+05	-8261.39	-7.806e+04
7	67	888.78	-4294.81	-102.35	-486.20	-1.056e+05	-1.375e+04	-7.570e+04
7	67	946.80	-1805.49	-84.25	-247.84	-3.675e+04	2138.22	-1.786e+04
7	68	0.0	-1.548e+05	-6.403e+04	-2.409e+05	4.544e+05	2.056e+07	-8.209e+04
7	68	133.33	-1.684e+05	-6.627e+04	-2.624e+05	3.627e+06	-1.299e+07	-1.313e+05
7	68	266.67	-1.654e+05	-7.603e+04	-5.090e+04	5.183e+06	-1.408e+07	-1.489e+05
7	68	400.00	-1.582e+05	-1.012e+05	1.166e+05	1.013e+07	4.769e+06	-4.028e+05
7	68	505.00	-7.512e+04	-1.493e+04	-1.855e+04	5.791e+06	2.420e+06	-4.258e+05
7	68	560.00	-4.874e+04	-1.373e+04	-8169.49	-4.536e+06	9.774e+05	-6.715e+04
7	68	666.50	-2.985e+04	-5520.24	-2491.46	-2.597e+06	3.499e+05	-5.073e+04
7	68	720.00	-2.722e+04	-8274.51	-1734.91	-2.090e+06	1.830e+05	2.834e+04
7	68	790.00	-1.409e+04	-4478.10	-544.43	-1.394e+06	1.214e+05	-2.810e+04
7	68	841.74	-5546.55	-1505.38	-1049.34	-5.352e+05	2.173e+04	-8.124e+04
7	68	879.50	-5285.88	-387.16	-447.96	-1.917e+05	-7948.97	-7.650e+04
7	68	888.78	-4272.77	-190.41	-481.80	-1.077e+05	-1.335e+04	-7.407e+04
7	68	946.80	-1795.35	-106.69	-252.57	-3.708e+04	2194.23	-1.746e+04
7	70	0.0	-1.168e+05	-5.029e+04	-1.850e+05	-1.042e+05	1.577e+07	-6.849e+04
7	70	133.33	-1.275e+05	-5.194e+04	-2.017e+05	2.422e+06	-1.001e+07	-1.068e+05
7	70	266.67	-1.254e+05	-5.943e+04	-3.903e+04	3.681e+06	-1.083e+07	-1.191e+05
7	70	400.00	-1.202e+05	-7.886e+04	8.988e+04	7.583e+06	3.687e+06	-3.143e+05
7	70	505.00	-5.588e+04	-1.249e+04	-1.418e+04	4.140e+06	1.867e+06	-3.307e+05
7	70	560.00	-3.648e+04	-1.165e+04	-6163.39	-3.657e+06	7.629e+05	-5.128e+04
7	70	666.50	-2.187e+04	-5395.12	-1931.97	-2.054e+06	2.694e+05	-3.980e+04
7	70	720.00	-2.001e+04	-7456.20	-1372.35	-1.638e+06	1.416e+05	2.122e+04
7	70	790.00	-1.001e+04	-4287.59	-611.94	-1.081e+06	8.772e+04	-2.022e+04
7	70	841.74	-3782.21	-1787.79	-832.28	-3.775e+05	1.336e+04	-6.560e+04
7	70	879.50	-3656.68	-784.92	-333.09	-1.247e+05	-8916.28	-6.133e+04
7	70	888.78	-2928.35	-571.86	-331.69	-6.225e+04	-1.279e+04	-5.945e+04
7	70	946.80	-1170.67	-223.31	-103.76	-1.520e+04	-898.09	-1.662e+04
7	106	0.0	-1.295e+05	-3.657e+04	-1.830e+05	3.825e+06	1.575e+07	-3707.07
7	106	133.33	-1.371e+05	-3.821e+04	-1.997e+05	5.627e+06	-1.004e+07	-4.492e+04
7	106	266.67	-1.324e+05	-4.528e+04	-3.884e+04	6.549e+06	-1.073e+07	-6.090e+04
7	106	400.00	-1.242e+05	-6.504e+04	8.843e+04	1.005e+07	3.703e+06	-2.541e+05
7	106	505.00	-6.072e+04	-4056.49	-1.449e+04	6.540e+06	1.808e+06	-2.830e+05
7	106	560.00	-4.170e+04	-2430.65	-5889.30	-3.149e+06	7.433e+05	-4.287e+04
7	106	666.50	-2.664e+04	1988.22	-1358.90	-1.710e+06	2.812e+05	-3.918e+04
7	106	720.00	-2.392e+04	-710.01	-923.99	-1.140e+06	1.653e+05	1.932e+04
7	106	790.00	-1.305e+04	1300.22	-464.46	-8.305e+05	1.506e+05	-1.245e+04
7	106	841.74	-5178.28	2479.09	-1325.86	-2.403e+05	4.664e+04	-6.381e+04
7	106	879.50	-4911.50	2602.53	-723.98	-1.988e+04	1.665e+04	-6.777e+04
7	106	888.78	-4023.78	2483.94	-547.90	1.433e+04	9994.83	-6.597e+04
7	106	946.80	-1487.27	691.35	776.13	-1.051e+04	5235.55	-1.249e+04
7	111	0.0	-1.087e+05	-7.947e+04	-1.856e+05	-5.947e+06	1.577e+07	-1.834e+05
7	111	133.33	-1.226e+05	-8.111e+04	-2.023e+05	-3.298e+06	-1.003e+07	-2.071e+05
7	111	266.67	-1.208e+05	-8.481e+04	-3.918e+04	-1.991e+05	-1.088e+07	-2.181e+05
7	111	400.00	-1.159e+05	-9.981e+04	9.011e+04	4.844e+06	3.637e+06	-4.108e+05
7	111	505.00	-5.289e+04	-2.661e+04	-1.361e+04	2.601e+06	1.885e+06	-4.245e+05

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
7	111	560.00	-2.974e+04	-2.199e+04	-7704.85	-3.206e+06	7.261e+05	-8.136e+04
7	111	666.50	-1.798e+04	-1.244e+04	-2014.10	-1.895e+06	2.487e+05	-4.649e+04
7	111	720.00	-1.662e+04	-1.395e+04	-751.83	-1.765e+06	9.935e+04	8827.98
7	111	790.00	-7659.51	-9882.38	-390.73	-1.143e+06	8.592e+04	-2.853e+04
7	111	841.74	-2207.13	-4922.52	-809.58	-5.069e+05	1.244e+04	-6.778e+04
7	111	879.50	-2766.46	-3029.46	-277.54	-2.152e+05	-1.417e+04	-6.723e+04
7	111	888.78	-1986.81	-2815.38	-575.26	-1.474e+05	-1.694e+04	-6.485e+04
7	111	946.80	-1506.55	-1170.07	-2121.98	-1.051e+04	-141.94	-3.640e+04
7	115	0.0	-1.087e+05	-7.959e+04	-1.856e+05	-5.623e+06	1.577e+07	-1.760e+05
7	115	133.33	-1.226e+05	-8.123e+04	-2.023e+05	-3.001e+06	-1.003e+07	-1.987e+05
7	115	266.67	-1.209e+05	-8.537e+04	-3.915e+04	-9866.01	-1.088e+07	-2.105e+05
7	115	400.00	-1.163e+05	-1.003e+05	9.011e+04	4.915e+06	3.643e+06	-4.058e+05
7	115	505.00	-5.316e+04	-2.668e+04	-1.367e+04	2.678e+06	1.890e+06	-4.173e+05
7	115	560.00	-2.996e+04	-2.210e+04	-7739.60	-3.215e+06	7.266e+05	-7.902e+04
7	115	666.50	-1.807e+04	-1.216e+04	-2056.11	-1.928e+06	2.454e+05	-4.405e+04
7	115	720.00	-1.668e+04	-1.367e+04	-795.10	-1.787e+06	9.510e+04	1.177e+04
7	115	790.00	-7585.49	-9649.56	-361.03	-1.172e+06	7.775e+04	-2.621e+04
7	115	841.74	-2316.77	-5041.54	-732.65	-5.088e+05	9870.91	-6.456e+04
7	115	879.50	-2789.94	-3147.38	-226.26	-2.144e+05	-1.571e+04	-6.287e+04
7	115	888.78	-2012.66	-2931.70	-532.33	-1.473e+05	-1.820e+04	-6.046e+04
7	115	946.80	-1502.80	-1139.13	-2143.40	-1.051e+04	-30.47	-3.168e+04
7	116	0.0	-1.173e+05	-9488.07	-1.861e+05	7.563e+06	1.587e+07	7.435e+04
7	116	133.33	-1.248e+05	-1.113e+04	-2.027e+05	9.425e+06	-9.932e+06	3.585e+04
7	116	266.67	-1.223e+05	-2.208e+04	-3.944e+04	8.648e+06	-1.086e+07	1.303e+04
7	116	400.00	-1.174e+05	-4.550e+04	8.997e+04	1.119e+07	3.642e+06	-1.856e+05
7	116	505.00	-5.680e+04	1.346e+04	-1.489e+04	7.236e+06	1.845e+06	-2.063e+05
7	116	560.00	-4.216e+04	1.073e+04	-4621.57	-2.332e+06	7.904e+05	-1.204e+04
7	116	666.50	-2.693e+04	1.170e+04	-2212.65	-1.190e+06	2.656e+05	-1.475e+04
7	116	720.00	-2.445e+04	8642.01	-2075.07	-6.563e+05	1.428e+05	4.651e+04
7	116	790.00	-1.411e+04	8673.46	-135.87	-4.564e+05	6.153e+04	3669.55
7	116	841.74	-6345.24	6031.50	-519.09	6849.85	2.731e+04	-4.567e+04
7	116	879.50	-5078.13	4753.55	-343.01	1.203e+05	5609.84	-4.323e+04
7	116	888.78	-4247.31	4338.36	-123.70	1.232e+05	491.36	-4.206e+04
7	116	946.80	-1051.33	1373.04	1711.06	-1.051e+04	3172.34	1.607e+04
7	138	0.0	-1.320e+05	-3.507e+04	-1.826e+05	4.337e+06	1.574e+07	4729.79
7	138	133.33	-1.390e+05	-3.671e+04	-1.993e+05	6.075e+06	-1.005e+07	-3.827e+04
7	138	266.67	-1.340e+05	-4.373e+04	-3.878e+04	6.948e+06	-1.071e+07	-5.403e+04
7	138	400.00	-1.253e+05	-6.359e+04	8.817e+04	1.041e+07	3.712e+06	-2.468e+05
7	138	505.00	-6.161e+04	-3498.92	-1.452e+04	6.827e+06	1.798e+06	-2.776e+05
7	138	560.00	-4.259e+04	-1764.06	-5817.25	-3.196e+06	7.417e+05	-4.218e+04
7	138	666.50	-2.726e+04	2444.29	-1241.44	-1.724e+06	2.855e+05	-4.064e+04
7	138	720.00	-2.443e+04	-325.61	-853.14	-1.122e+06	1.730e+05	1.771e+04
7	138	790.00	-1.339e+04	1667.09	-495.74	-8.242e+05	1.632e+05	-1.254e+04
7	138	841.74	-5322.81	2839.53	-1432.99	-2.355e+05	5.108e+04	-6.514e+04
7	138	879.50	-5062.04	2915.77	-792.56	-1.328e+04	2.010e+04	-7.004e+04
7	138	888.78	-4161.88	2791.01	-579.88	2.028e+04	1.299e+04	-6.825e+04
7	138	946.80	-1509.50	790.77	950.19	-1.051e+04	5783.52	-1.307e+04
7	143	0.0	-1.072e+05	-8.660e+04	-1.857e+05	-7.348e+06	1.576e+07	-2.106e+05
7	143	133.33	-1.218e+05	-8.824e+04	-2.023e+05	-4.618e+06	-1.004e+07	-2.319e+05
7	143	266.67	-1.200e+05	-9.118e+04	-3.918e+04	-1.170e+06	-1.089e+07	-2.424e+05
7	143	400.00	-1.152e+05	-1.053e+05	9.019e+04	4.109e+06	3.633e+06	-4.342e+05
7	143	505.00	-5.208e+04	-3.059e+04	-1.346e+04	2.039e+06	1.890e+06	-4.472e+05
7	143	560.00	-2.832e+04	-2.527e+04	-7991.16	-3.236e+06	7.218e+05	-8.843e+04
7	143	666.50	-1.704e+04	-1.486e+04	-2032.80	-1.953e+06	2.471e+05	-4.936e+04
7	143	720.00	-1.575e+04	-1.621e+04	-654.98	-1.852e+06	9.432e+04	5715.92
7	143	790.00	-6998.66	-1.173e+04	-410.72	-1.203e+06	8.530e+04	-3.219e+04
7	143	841.74	-1780.44	-6028.36	-814.95	-5.550e+05	9983.10	-6.996e+04
7	143	879.50	-2512.73	-3830.90	-258.26	-2.475e+05	-1.689e+04	-6.941e+04
7	143	888.78	-1739.45	-3556.97	-611.72	-1.734e+05	-1.933e+04	-6.692e+04
7	143	946.80	-1536.90	-1438.61	-2508.94	-1.051e+04	-633.30	-4.140e+04
7	147	0.0	-1.073e+05	-8.674e+04	-1.857e+05	-6.962e+06	1.576e+07	-2.018e+05
7	147	133.33	-1.218e+05	-8.838e+04	-2.023e+05	-4.259e+06	-1.004e+07	-2.217e+05
7	147	266.67	-1.202e+05	-9.186e+04	-3.914e+04	-9.352e+05	-1.089e+07	-2.332e+05
7	147	400.00	-1.157e+05	-1.059e+05	9.020e+04	4.205e+06	3.640e+06	-4.282e+05
7	147	505.00	-5.241e+04	-3.066e+04	-1.353e+04	2.135e+06	1.896e+06	-4.385e+05
7	147	560.00	-2.858e+04	-2.540e+04	-8031.80	-3.245e+06	7.225e+05	-8.562e+04
7	147	666.50	-1.715e+04	-1.451e+04	-2084.40	-1.988e+06	2.430e+05	-4.638e+04
7	147	720.00	-1.582e+04	-1.587e+04	-708.36	-1.877e+06	8.907e+04	9291.58
7	147	790.00	-6912.87	-1.145e+04	-374.72	-1.234e+06	7.544e+04	-2.947e+04
7	147	841.74	-1909.50	-6158.97	-722.43	-5.561e+05	6891.19	-6.613e+04
7	147	879.50	-2536.91	-3965.23	-196.93	-2.464e+05	-1.874e+04	-6.422e+04
7	147	888.78	-1767.14	-3691.00	-561.22	-1.733e+05	-2.085e+04	-6.169e+04
7	147	946.80	-1532.63	-1402.20	-2540.43	-1.051e+04	-499.13	-3.579e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
7	148	0.0	-1.175e+05	-2496.41	-1.863e+05	8.795e+06	1.588e+07	9.847e+04
7	148	133.33	-1.244e+05	-4137.08	-2.029e+05	1.060e+07	-9.917e+06	5.803e+04
7	148	266.67	-1.220e+05	-1.581e+04	-3.950e+04	9.475e+06	-1.086e+07	3.467e+04
7	148	400.00	-1.173e+05	-4.009e+04	9.003e+04	1.179e+07	3.638e+06	-1.648e+05
7	148	505.00	-5.705e+04	1.757e+04	-1.500e+04	7.696e+06	1.843e+06	-1.857e+05
7	148	560.00	-4.317e+04	1.406e+04	-4306.60	-2.256e+06	7.972e+05	-5146.33
7	148	666.50	-2.761e+04	1.410e+04	-2260.58	-1.105e+06	2.662e+05	-1.137e+04
7	148	720.00	-2.512e+04	1.090e+04	-2227.08	-5.590e+05	1.455e+05	5.000e+04
7	148	790.00	-1.466e+04	1.050e+04	-102.52	-3.834e+05	5.633e+04	7236.42
7	148	841.74	-6722.65	7088.13	-463.27	5.939e+04	2.788e+04	-4.333e+04
7	148	879.50	-5270.53	5490.71	-334.02	1.533e+05	6853.44	-4.056e+04
7	148	888.78	-4438.56	5010.70	-70.10	1.496e+05	1587.29	-3.951e+04
7	148	946.80	-1001.07	1606.50	2065.35	-1.051e+04	3317.13	2.100e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.733e+05	-1.059e+05	-2.627e+05	-7.348e+06	-1.409e+07	-4.472e+05
			-1001.07	1.757e+04	1.166e+05	1.179e+07	2.064e+07	9.847e+04

Macro	Tipo	Angolo 1-Z (gradi)
8	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
8	2	0.0	-2.936e+05	-6.823e+04	5.362e+05	-8.279e+06	-4.741e+07	2.222e+04
8	2	133.33	-2.907e+05	-7.163e+04	5.581e+05	-1.346e+07	2.554e+07	9.268e+04
8	2	133.33	-2.907e+05	-7.163e+04	5.581e+05	-1.346e+07	2.554e+07	9.268e+04
8	2	266.67	-2.450e+05	-8.619e+04	5.192e+04	-1.766e+07	3.425e+07	1.459e+05
8	2	266.67	-2.450e+05	-8.619e+04	5.192e+04	-1.766e+07	3.425e+07	1.459e+05
8	2	400.00	-2.083e+05	-1.099e+05	-2.389e+05	-2.776e+07	-8.516e+05	4.018e+05
8	2	505.00	-8.814e+04	-7553.53	-8.013e+04	-1.620e+07	-4.633e+06	3.248e+05
8	2	560.00	-4.667e+04	-3547.69	9628.55	-3.665e+05	-1.453e+06	8.401e+04
8	2	720.00	-4.077e+04	-3029.12	4738.61	1.163e+06	-2.665e+05	4.130e+04
8	2	790.00	-2.801e+04	-3200.69	4587.76	8108.38	1.485e+04	-5.771e+04
8	65	0.0	-2.687e+05	-5.684e+04	5.361e+05	-4.640e+06	-4.734e+07	6.368e+04
8	65	133.33	-2.667e+05	-5.955e+04	5.578e+05	-9.211e+06	2.559e+07	1.445e+05
8	65	133.33	-2.667e+05	-5.955e+04	5.578e+05	-9.211e+06	2.559e+07	1.445e+05
8	65	266.67	-2.225e+05	-7.375e+04	5.142e+04	-1.296e+07	3.424e+07	1.910e+05
8	65	266.67	-2.225e+05	-7.375e+04	5.142e+04	-1.296e+07	3.424e+07	1.910e+05
8	65	400.00	-1.875e+05	-9.746e+04	-2.396e+05	-2.258e+07	-9.231e+05	4.503e+05
8	65	505.00	-8.160e+04	-5074.43	-7.630e+04	-1.553e+07	-4.719e+06	3.249e+05
8	65	560.00	-4.273e+04	-2481.32	1.285e+04	-2.320e+06	-1.412e+06	5.189e+04
8	65	720.00	-4.044e+04	-2014.38	5815.82	6.459e+05	-1.455e+05	2.597e+04
8	65	790.00	-2.858e+04	-2234.63	3198.68	-5.204e+04	1.420e+04	-4.478e+04
8	76	0.0	-3.035e+05	-5.937e+04	5.380e+05	-1.489e+07	-4.765e+07	-1956.75
8	76	133.33	-3.015e+05	-6.251e+04	5.591e+05	-1.968e+07	2.550e+07	5.678e+04
8	76	133.33	-3.015e+05	-6.251e+04	5.591e+05	-1.968e+07	2.550e+07	5.678e+04
8	76	266.67	-2.572e+05	-7.664e+04	5.256e+04	-2.358e+07	3.431e+07	1.130e+05
8	76	266.67	-2.572e+05	-7.664e+04	5.256e+04	-2.358e+07	3.431e+07	1.130e+05
8	76	400.00	-2.217e+05	-1.005e+05	-2.383e+05	-3.306e+07	-7.099e+05	3.759e+05
8	76	505.00	-1.036e+05	-7028.61	-8.018e+04	-2.238e+07	-4.616e+06	3.259e+05
8	76	560.00	-5.958e+04	-2134.65	9149.76	-3.460e+05	-1.512e+06	1.083e+05
8	76	720.00	-5.359e+04	-1728.31	4574.10	1.458e+06	-3.058e+05	5.035e+04
8	76	790.00	-4.050e+04	-2168.19	5070.13	3.209e+04	1.837e+04	-4.197e+04
8	89	0.0	-2.238e+05	-4.391e+04	4.133e+05	-9.543e+06	-3.644e+07	-9102.47
8	89	133.33	-2.220e+05	-4.620e+04	4.298e+05	-1.264e+07	1.976e+07	2.962e+04
8	89	133.33	-2.220e+05	-4.620e+04	4.298e+05	-1.264e+07	1.976e+07	2.962e+04
8	89	266.67	-1.874e+05	-5.688e+04	4.027e+04	-1.479e+07	2.650e+07	7.136e+04
8	89	266.67	-1.874e+05	-5.688e+04	4.027e+04	-1.479e+07	2.650e+07	7.136e+04
8	89	400.00	-1.595e+05	-7.528e+04	-1.834e+05	-2.111e+07	-4.479e+05	2.751e+05
8	89	505.00	-7.123e+04	-5444.10	-6.195e+04	-1.446e+07	-3.577e+06	2.626e+05
8	89	560.00	-3.870e+04	-1182.52	6549.26	7.666e+04	-1.213e+06	1.062e+05
8	89	720.00	-3.087e+04	-922.76	3312.71	8.922e+05	-2.688e+05	4.641e+04
8	89	790.00	-2.006e+04	-1275.64	4215.81	-8000.75	1.250e+04	-2.945e+04
8	95	0.0	-2.014e+05	-8.183e+04	4.152e+05	7.580e+06	-3.666e+07	1.290e+05
8	95	133.33	-2.039e+05	-8.404e+04	4.318e+05	2.601e+06	1.949e+07	1.826e+05
8	95	133.33	-2.039e+05	-8.404e+04	4.318e+05	2.601e+06	1.949e+07	1.826e+05
8	95	266.67	-1.685e+05	-8.860e+04	4.051e+04	-3.734e+06	2.637e+07	2.564e+05

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
8	95	266.67	-1.685e+05	-8.860e+04	4.051e+04	-3.734e+06	2.637e+07	2.564e+05
8	95	400.00	-1.438e+05	-1.026e+05	-1.844e+05	-1.417e+07	-6.222e+05	4.169e+05
8	95	505.00	-5.736e+04	-1.855e+04	-6.089e+04	-8.813e+06	-3.699e+06	3.211e+05
8	95	560.00	-2.832e+04	-1.109e+04	8464.41	-2.278e+06	-1.194e+06	5.517e+04
8	95	720.00	-2.839e+04	-8812.16	4071.34	1.986e+05	-2.200e+05	3.020e+04
8	95	790.00	-2.035e+04	-6744.37	3614.62	-3.568e+05	1.369e+04	-1.341e+04
8	107	0.0	-2.050e+05	-8.654e+04	4.151e+05	5.122e+06	-3.672e+07	7.082e+04
8	107	133.33	-2.083e+05	-8.875e+04	4.317e+05	5.469e+05	1.943e+07	1.348e+05
8	107	133.33	-2.083e+05	-8.875e+04	4.317e+05	5.469e+05	1.943e+07	1.348e+05
8	107	266.67	-1.724e+05	-9.501e+04	4.073e+04	-4.869e+06	2.634e+07	2.120e+05
8	107	266.67	-1.724e+05	-9.501e+04	4.073e+04	-4.869e+06	2.634e+07	2.120e+05
8	107	400.00	-1.476e+05	-1.094e+05	-1.842e+05	-1.519e+07	-6.330e+05	3.095e+05
8	107	505.00	-6.010e+04	-1.978e+04	-6.073e+04	-9.039e+06	-3.678e+06	2.833e+05
8	107	560.00	-2.944e+04	-1.228e+04	8194.73	-1.899e+06	-1.203e+06	4.564e+04
8	107	720.00	-2.871e+04	-1.063e+04	3999.18	3.984e+05	-2.317e+05	1.906e+04
8	107	790.00	-2.021e+04	-8038.76	3723.38	-3.019e+05	1.060e+04	-3.814e+04
8	110	0.0	-2.528e+05	-3.113e+04	4.068e+05	-2.231e+07	-3.589e+07	-1.081e+05
8	110	133.33	-2.431e+05	-3.334e+04	4.234e+05	-2.495e+07	2.026e+07	-2.553e+04
8	110	133.33	-2.431e+05	-3.334e+04	4.234e+05	-2.495e+07	2.026e+07	-2.553e+04
8	110	266.67	-2.071e+05	-4.918e+04	3.823e+04	-2.482e+07	2.644e+07	2.067e+04
8	110	266.67	-2.071e+05	-4.918e+04	3.823e+04	-2.482e+07	2.644e+07	2.067e+04
8	110	400.00	-1.761e+05	-6.760e+04	-1.830e+05	-2.865e+07	-6.815e+05	2.148e+05
8	110	505.00	-8.205e+04	-4449.87	-6.263e+04	-1.867e+07	-3.426e+06	1.668e+05
8	110	560.00	-4.672e+04	571.89	6490.90	1.300e+06	-1.155e+06	1.074e+05
8	110	720.00	-3.461e+04	222.62	3473.51	1.732e+06	-2.399e+05	5.480e+04
8	110	790.00	-2.121e+04	-10.51	4210.21	3.719e+05	-8354.63	-4.061e+04
8	127	0.0	-1.985e+05	-8.937e+04	4.157e+05	1.050e+07	-3.671e+07	1.509e+05
8	127	133.33	-2.017e+05	-9.158e+04	4.323e+05	5.227e+06	1.945e+07	2.045e+05
8	127	133.33	-2.017e+05	-9.158e+04	4.323e+05	5.227e+06	1.945e+07	2.045e+05
8	127	266.67	-1.660e+05	-9.486e+04	4.066e+04	-1.773e+06	2.637e+07	2.855e+05
8	127	266.67	-1.660e+05	-9.486e+04	4.066e+04	-1.773e+06	2.637e+07	2.855e+05
8	127	400.00	-1.418e+05	-1.079e+05	-1.845e+05	-1.288e+07	-6.210e+05	4.373e+05
8	127	505.00	-5.554e+04	-2.132e+04	-6.091e+04	-7.980e+06	-3.716e+06	3.323e+05
8	127	560.00	-2.694e+04	-1.298e+04	8582.37	-2.557e+06	-1.200e+06	5.301e+04
8	127	720.00	-2.790e+04	-1.031e+04	4118.30	9.059e+04	-2.208e+05	2.856e+04
8	127	790.00	-2.025e+04	-7764.63	3590.50	-4.196e+05	1.414e+04	-1.227e+04
8	139	0.0	-2.027e+05	-9.505e+04	4.155e+05	7.564e+06	-3.677e+07	8.053e+04
8	139	133.33	-2.070e+05	-9.726e+04	4.321e+05	2.754e+06	1.938e+07	1.478e+05
8	139	133.33	-2.070e+05	-9.726e+04	4.321e+05	2.754e+06	1.938e+07	1.478e+05
8	139	266.67	-1.707e+05	-1.026e+05	4.092e+04	-3.158e+06	2.633e+07	2.324e+05
8	139	266.67	-1.707e+05	-1.026e+05	4.092e+04	-3.158e+06	2.633e+07	2.324e+05
8	139	400.00	-1.464e+05	-1.161e+05	-1.842e+05	-1.411e+07	-6.354e+05	3.087e+05
8	139	505.00	-5.899e+04	-2.283e+04	-6.071e+04	-8.293e+06	-3.694e+06	2.891e+05
8	139	560.00	-2.838e+04	-1.443e+04	8273.78	-2.081e+06	-1.211e+06	4.134e+04
8	139	720.00	-2.834e+04	-1.251e+04	4035.73	3.414e+05	-2.353e+05	1.712e+04
8	139	790.00	-2.008e+04	-9336.39	3724.76	-3.568e+05	1.030e+04	-3.915e+04
8	142	0.0	-2.597e+05	-2.845e+04	4.057e+05	-2.534e+07	-3.578e+07	-1.336e+05
8	142	133.33	-2.485e+05	-3.065e+04	4.223e+05	-2.777e+07	2.036e+07	-4.544e+04
8	142	133.33	-2.485e+05	-3.065e+04	4.223e+05	-2.777e+07	2.036e+07	-4.544e+04
8	142	266.67	-2.122e+05	-4.754e+04	3.788e+04	-2.719e+07	2.644e+07	651.33
8	142	266.67	-2.122e+05	-4.754e+04	3.788e+04	-2.719e+07	2.644e+07	651.33
8	142	400.00	-1.806e+05	-6.598e+04	-1.828e+05	-3.041e+07	-6.892e+05	1.941e+05
8	142	505.00	-8.537e+04	-4387.21	-6.291e+04	-1.995e+07	-3.394e+06	1.501e+05
8	142	560.00	-4.903e+04	1019.37	6246.71	1.800e+06	-1.151e+06	1.150e+05
8	142	720.00	-3.539e+04	544.03	3413.76	1.953e+06	-2.453e+05	6.012e+04
8	142	790.00	-2.125e+04	289.83	4311.40	4.513e+05	-1.265e+04	-4.130e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.035e+05	-1.161e+05	-2.396e+05	-3.306e+07	-4.765e+07	-1.336e+05
			-2.006e+04	1019.37	5.591e+05	1.050e+07	3.431e+07	4.503e+05

Macro	Tipo	Angolo 1-Z (gradi)
9	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
9	2	0.0	-2.584e+04	-7536.18	1994.64	1.862e+05	-5.241e+05	-7793.22

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
9	2	175.00	-5.802e+04	-1.000e+04	4921.87	8.208e+05	8.110e+04	-2.002e+04
9	2	400.00	-8.318e+04	-9136.69	1.778e+04	1.490e+06	9.295e+05	-2.327e+04
9	2	505.00	-3.003e+04	-1.352e+04	-777.86	3.412e+05	-3.359e+05	1996.50
9	2	560.00	-1.447e+04	-1.415e+04	-1.243e+04	2.651e+04	-7.172e+05	-268.70
9	25	0.0	-1.571e+04	-6553.19	-5287.24	5.419e+04	4.284e+05	-4117.18
9	25	175.00	-4.114e+04	-8145.72	-7699.93	4.256e+05	-7.079e+05	-1.280e+04
9	25	400.00	-5.819e+04	-7538.97	1.410e+04	7.111e+05	1.083e+06	-1.590e+04
9	25	505.00	-2.229e+04	-2705.26	-2396.27	1.310e+05	-2.118e+05	2289.71
9	25	560.00	-1.011e+04	-3938.22	-1.086e+04	4.177e+04	-5.782e+05	285.67
9	110	0.0	-4.017e+04	-2142.13	-7533.97	-4.204e+05	4.865e+05	-547.87
9	110	175.00	-6.497e+04	-3773.10	-9512.03	-4.958e+04	-6.495e+05	-1.062e+04
9	110	400.00	-6.993e+04	-3996.22	1.535e+04	5.193e+05	1.072e+06	-1.202e+04
9	110	505.00	-2.201e+04	2454.44	-3038.45	-2.070e+05	-1.795e+05	7666.09
9	110	560.00	-8106.88	3059.08	-8662.51	4.551e+04	-5.088e+05	2009.16
9	111	0.0	3451.04	-1.041e+04	-3473.80	7.654e+05	3.737e+05	-8878.33
9	111	175.00	-2.326e+04	-1.205e+04	-5451.85	1.158e+06	-7.628e+05	-1.479e+04
9	111	400.00	-5.324e+04	-1.051e+04	1.397e+04	1.161e+06	1.152e+06	-1.948e+04
9	111	505.00	-2.469e+04	-1.162e+04	-1652.49	5.286e+05	-2.500e+05	-428.08
9	111	560.00	-1.420e+04	-1.391e+04	-1.262e+04	7878.96	-6.392e+05	-113.40
9	117	0.0	-2418.73	-5229.30	-3809.52	3.248e+05	3.812e+05	-9730.78
9	117	175.00	-2.902e+04	-6860.27	-5787.57	7.173e+05	-7.553e+05	-2.466e+04
9	117	400.00	-5.600e+04	-7754.39	1.397e+04	1.394e+06	1.148e+06	-2.111e+04
9	117	505.00	-2.485e+04	-1.658e+04	-1821.75	4.650e+05	-2.534e+05	-6351.15
9	117	560.00	-1.356e+04	-1.747e+04	-1.240e+04	1.158e+04	-6.305e+05	-598.96
9	123	0.0	512.65	-8941.62	-3807.64	7.485e+05	3.804e+05	-1.333e+04
9	123	175.00	-2.630e+04	-1.057e+04	-5785.69	1.126e+06	-7.558e+05	-2.212e+04
9	123	400.00	-5.497e+04	-9235.78	1.401e+04	1.653e+06	1.151e+06	-2.217e+04
9	123	505.00	-2.453e+04	-1.915e+04	-2114.96	6.129e+05	-2.444e+05	-3976.04
9	123	560.00	-1.383e+04	-2.009e+04	-1.292e+04	2.732e+04	-6.527e+05	-2723.42
9	142	0.0	-4.454e+04	-1402.73	-7915.47	-5.374e+05	4.980e+05	392.38
9	142	175.00	-6.914e+04	-3033.70	-9893.52	-1.687e+05	-6.380e+05	-1.009e+04
9	142	400.00	-7.157e+04	-3360.86	1.546e+04	4.585e+05	1.064e+06	-1.117e+04
9	142	505.00	-2.173e+04	3756.18	-3175.26	-2.716e+05	-1.730e+05	8357.35
9	142	560.00	-7500.47	4663.62	-8253.77	4.867e+04	-4.962e+05	2327.30
9	143	0.0	7816.09	-1.115e+04	-3092.30	8.825e+05	3.623e+05	-9818.59
9	143	175.00	-1.910e+04	-1.279e+04	-5070.35	1.277e+06	-7.743e+05	-1.533e+04
9	143	400.00	-5.161e+04	-1.115e+04	1.385e+04	1.222e+06	1.160e+06	-2.033e+04
9	143	505.00	-2.497e+04	-1.292e+04	-1515.68	5.932e+05	-2.565e+05	-1119.35
9	143	560.00	-1.481e+04	-1.552e+04	-1.303e+04	4721.64	-6.519e+05	-431.55
9	149	0.0	792.56	-5075.15	-3510.59	3.563e+05	3.713e+05	-1.101e+04
9	149	175.00	-2.598e+04	-6706.12	-5488.65	7.514e+05	-7.652e+05	-2.730e+04
9	149	400.00	-5.488e+04	-7837.69	1.388e+04	1.503e+06	1.155e+06	-2.242e+04
9	149	505.00	-2.515e+04	-1.891e+04	-1733.15	5.237e+05	-2.601e+05	-8324.07
9	149	560.00	-1.403e+04	-1.981e+04	-1.274e+04	7620.77	-6.416e+05	-890.29
9	155	0.0	4285.00	-9531.39	-3509.14	8.627e+05	3.704e+05	-1.533e+04
9	155	175.00	-2.275e+04	-1.116e+04	-5487.19	1.240e+06	-7.659e+05	-2.426e+04
9	155	400.00	-5.366e+04	-9613.48	1.394e+04	1.812e+06	1.158e+06	-2.371e+04
9	155	505.00	-2.477e+04	-2.199e+04	-2085.01	7.004e+05	-2.494e+05	-5474.67
9	155	560.00	-1.435e+04	-2.296e+04	-1.337e+04	2.669e+04	-6.682e+05	-3451.54
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8.318e+04	-2.296e+04	-1.337e+04	-5.374e+05	-7.743e+05	-2.730e+04
			7816.09	4663.62	1.778e+04	1.812e+06	1.160e+06	8357.35

Macro	Tipo	Angolo 1-Z (gradi)
10	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
10	35	0.0	-1.001e+05	1.744e+04	-4.802e+04	7.935e+05	3.587e+06	-3.169e+04
10	35	133.33	-9.881e+04	1.516e+04	-2.997e+04	1.042e+06	-1.612e+06	-1.632e+04
10	35	266.67	-8.654e+04	1.483e+04	-8303.54	1.930e+05	-1.840e+06	-2.433e+04
10	35	400.00	-7.264e+04	1.439e+04	4190.92	-2.292e+05	-1.209e+06	-2.698e+04
10	35	505.00	-6.198e+04	9962.97	2.637e+04	-2.489e+05	-7.042e+05	-2.266e+04
10	65	0.0	-9.026e+04	1.583e+04	-4.829e+04	6.257e+05	3.622e+06	-3.343e+04
10	65	133.33	-8.954e+04	1.360e+04	-3.004e+04	9.457e+05	-1.600e+06	-2.050e+04
10	65	266.67	-7.793e+04	1.328e+04	-8294.47	1.360e+05	-1.833e+06	-2.803e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
10	65	400.00	-6.478e+04	1.288e+04	4270.92	-2.510e+05	-1.198e+06	-2.989e+04
10	65	505.00	-5.463e+04	8821.24	2.671e+04	-1.953e+05	-6.868e+05	-2.286e+04
10	88	0.0	-9.495e+04	1.977e+04	-4.787e+04	8.350e+05	3.575e+06	-2.713e+04
10	88	133.33	-9.398e+04	1.746e+04	-2.995e+04	1.048e+06	-1.612e+06	-8084.19
10	88	266.67	-8.207e+04	1.713e+04	-8256.44	2.246e+05	-1.836e+06	-1.691e+04
10	88	400.00	-6.858e+04	1.664e+04	4268.23	-2.080e+05	-1.197e+06	-2.093e+04
10	88	505.00	-5.821e+04	1.160e+04	2.655e+04	-2.643e+05	-6.866e+05	-2.124e+04
10	90	0.0	-6.871e+04	1.569e+04	-3.686e+04	6.571e+05	2.758e+06	-1.998e+04
10	90	133.33	-6.810e+04	1.392e+04	-2.305e+04	8.103e+05	-1.236e+06	-4662.14
10	90	266.67	-5.912e+04	1.367e+04	-6338.73	1.822e+05	-1.408e+06	-1.156e+04
10	90	400.00	-4.900e+04	1.328e+04	3319.98	-1.555e+05	-9.151e+05	-1.492e+04
10	90	505.00	-4.123e+04	9261.01	2.055e+04	-1.951e+05	-5.196e+05	-1.609e+04
10	94	0.0	-5.364e+04	2.150e+04	-3.214e+04	5.546e+05	2.580e+06	-1.660e+04
10	94	133.33	-5.445e+04	1.976e+04	-1.820e+04	7.604e+05	-1.424e+06	2223.30
10	94	266.67	-4.982e+04	1.749e+04	-5913.48	1.315e+05	-1.253e+06	-9074.37
10	94	400.00	-4.369e+04	1.673e+04	2244.45	-2.791e+05	-8.025e+05	-1.430e+04
10	94	505.00	-3.865e+04	1.220e+04	1.949e+04	-4.031e+05	-5.309e+05	-1.234e+04
10	96	0.0	-8.569e+04	2.210e+04	-4.182e+04	2.174e+06	2.961e+06	-3.647e+04
10	96	133.33	-8.354e+04	2.036e+04	-2.788e+04	2.262e+06	-1.049e+06	-2.559e+04
10	96	266.67	-6.987e+04	2.063e+04	-6831.30	1.050e+06	-1.572e+06	-2.942e+04
10	96	400.00	-5.538e+04	1.923e+04	4421.36	2.288e+05	-1.036e+06	-3.328e+04
10	96	505.00	-4.409e+04	1.398e+04	2.193e+04	-2.332e+05	-5.189e+05	-3.758e+04
10	120	0.0	-7.544e+04	6.025e+04	-3.801e+04	5.154e+06	2.814e+06	-4.823e+04
10	120	133.33	-7.409e+04	5.851e+04	-2.407e+04	4.979e+06	-1.194e+06	-2.773e+04
10	120	266.67	-6.335e+04	5.355e+04	-6532.01	2.664e+06	-1.459e+06	-3.822e+04
10	120	400.00	-5.125e+04	4.816e+04	3704.79	7.424e+05	-9.508e+05	-4.544e+04
10	120	505.00	-4.200e+04	3.650e+04	2.026e+04	-1.228e+06	-5.243e+05	-6.810e+04
10	122	0.0	-6.594e+04	6.058e+04	-3.516e+04	4.957e+06	2.704e+06	-4.640e+04
10	122	133.33	-6.552e+04	5.884e+04	-2.122e+04	4.795e+06	-1.302e+06	-2.499e+04
10	122	266.67	-5.744e+04	5.354e+04	-6270.89	2.554e+06	-1.364e+06	-3.637e+04
10	122	400.00	-4.783e+04	4.814e+04	3080.60	6.941e+05	-8.815e+05	-4.432e+04
10	122	505.00	-4.049e+04	3.645e+04	1.952e+04	-1.250e+06	-5.301e+05	-6.563e+04
10	126	0.0	-5.057e+04	2.309e+04	-3.118e+04	5.235e+05	2.541e+06	-1.513e+04
10	126	133.33	-5.165e+04	2.135e+04	-1.724e+04	7.266e+05	-1.462e+06	4700.22
10	126	266.67	-4.789e+04	1.866e+04	-5825.82	9.996e+04	-1.221e+06	-7296.92
10	126	400.00	-4.259e+04	1.781e+04	2048.27	-3.118e+05	-7.792e+05	-1.238e+04
10	126	505.00	-3.817e+04	1.307e+04	1.923e+04	-4.537e+05	-5.319e+05	-1.064e+04
10	128	0.0	-8.892e+04	2.383e+04	-4.280e+04	2.480e+06	3.000e+06	-3.923e+04
10	128	133.33	-8.643e+04	2.209e+04	-2.886e+04	2.541e+06	-1.012e+06	-2.887e+04
10	128	266.67	-7.185e+04	2.246e+04	-6918.58	1.213e+06	-1.604e+06	-3.196e+04
10	128	400.00	-5.649e+04	2.083e+04	4624.69	3.086e+05	-1.060e+06	-3.541e+04
10	128	505.00	-4.459e+04	1.522e+04	2.215e+04	-2.476e+05	-5.176e+05	-4.118e+04
10	152	0.0	-7.659e+04	6.971e+04	-3.825e+04	6.028e+06	2.823e+06	-5.300e+04
10	152	133.33	-7.506e+04	6.797e+04	-2.431e+04	5.768e+06	-1.185e+06	-3.197e+04
10	152	266.67	-6.400e+04	6.204e+04	-6554.26	3.113e+06	-1.468e+06	-4.266e+04
10	152	400.00	-5.161e+04	5.559e+04	3763.49	8.991e+05	-9.572e+05	-4.942e+04
10	152	505.00	-4.213e+04	4.227e+04	2.034e+04	-1.388e+06	-5.242e+05	-7.679e+04
10	154	0.0	-6.522e+04	7.011e+04	-3.484e+04	5.789e+06	2.690e+06	-5.075e+04
10	154	133.33	-6.481e+04	6.837e+04	-2.090e+04	5.545e+06	-1.315e+06	-2.863e+04
10	154	266.67	-5.694e+04	6.202e+04	-6242.80	2.978e+06	-1.354e+06	-4.040e+04
10	154	400.00	-4.755e+04	5.557e+04	3021.70	8.385e+05	-8.740e+05	-4.806e+04
10	154	505.00	-4.035e+04	4.221e+04	1.945e+04	-1.415e+06	-5.311e+05	-7.380e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.001e+05	8821.24	-4.829e+04	-1.415e+06	-1.840e+06	-7.679e+04
			-3.817e+04	7.011e+04	2.671e+04	6.028e+06	3.622e+06	4700.22

Macro	Tipo	Angolo 1-Z (gradi)
11	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
11	35	0.0	-9.226e+04	-2627.63	2.911e+05	4.542e+06	-2.771e+07	-1.202e+04
11	35	133.33	-9.370e+04	-3793.89	3.172e+05	3.317e+06	1.285e+07	-3171.70
11	35	266.67	-7.435e+04	-4430.02	1.186e+05	1.665e+06	2.193e+07	7581.91
11	35	400.00	-5.476e+04	-4396.66	-2.241e+04	4.554e+05	1.384e+07	7883.89
11	35	505.00	-4.102e+04	-3457.55	-1.624e+05	1.575e+05	-1.987e+06	9134.45

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
11	65	0.0	-8.766e+04	-3101.20	2.909e+05	4.285e+06	-2.767e+07	-1.876e+04
11	65	133.33	-8.935e+04	-4216.67	3.171e+05	3.147e+06	1.286e+07	-1.383e+04
11	65	266.67	-7.035e+04	-4838.13	1.185e+05	1.553e+06	2.193e+07	-2902.80
11	65	400.00	-5.102e+04	-4810.74	-2.243e+04	3.995e+05	1.384e+07	-1967.15
11	65	505.00	-3.750e+04	-3822.76	-1.623e+05	1.520e+05	-1.987e+06	3485.83
11	88	0.0	-9.043e+04	-1585.12	2.912e+05	4.712e+06	-2.773e+07	2197.49
11	88	133.33	-9.186e+04	-2801.84	3.173e+05	3.418e+06	1.284e+07	1.899e+04
11	88	266.67	-7.251e+04	-3453.74	1.186e+05	1.772e+06	2.192e+07	2.839e+04
11	88	400.00	-5.293e+04	-3416.49	-2.240e+04	5.382e+05	1.384e+07	2.681e+04
11	88	505.00	-3.925e+04	-2645.54	-1.624e+05	1.691e+05	-1.987e+06	1.939e+04
11	90	0.0	-6.785e+04	-1013.26	2.240e+05	3.669e+06	-2.133e+07	4388.46
11	90	133.33	-6.893e+04	-1958.88	2.441e+05	2.656e+06	9.875e+06	1.881e+04
11	90	266.67	-5.404e+04	-2461.69	9.123e+04	1.386e+06	1.686e+07	2.580e+04
11	90	400.00	-3.897e+04	-2431.14	-1.723e+04	4.301e+05	1.065e+07	2.423e+04
11	90	505.00	-2.850e+04	-1871.70	-1.248e+05	1.324e+05	-1.528e+06	1.683e+04
11	96	0.0	-7.333e+04	924.53	2.205e+05	4.447e+06	-2.107e+07	-3.673e+04
11	96	133.33	-7.165e+04	28.70	2.406e+05	3.579e+06	1.012e+07	-3.103e+04
11	96	266.67	-5.548e+04	-453.54	8.972e+04	1.819e+06	1.678e+07	-2.808e+04
11	96	400.00	-3.968e+04	-1175.28	-1.692e+04	7.081e+05	1.050e+07	-2.911e+04
11	96	505.00	-2.797e+04	-1516.59	-1.230e+05	2.257e+05	-1.557e+06	-3.090e+04
11	104	0.0	-7.376e+04	83.51	2.207e+05	4.085e+06	-2.109e+07	-340.71
11	104	133.33	-7.171e+04	-812.32	2.408e+05	2.912e+06	1.010e+07	7206.91
11	104	266.67	-5.567e+04	-1639.94	8.977e+04	1.675e+06	1.678e+07	1.392e+04
11	104	400.00	-3.964e+04	-1995.47	-1.696e+04	5.238e+05	1.049e+07	1.299e+04
11	104	505.00	-2.800e+04	-1700.75	-1.229e+05	2.124e+05	-1.563e+06	1.007e+04
11	117	0.0	-6.567e+04	-1.939e+04	2.248e+05	2.945e+05	-2.137e+07	6.018e+04
11	117	133.33	-6.806e+04	-2.029e+04	2.449e+05	-4.676e+05	9.825e+06	6.646e+04
11	117	266.67	-5.373e+04	-1.804e+04	9.171e+04	-7.488e+05	1.688e+07	7.802e+04
11	117	400.00	-3.911e+04	-1.453e+04	-1.732e+04	-8.908e+05	1.068e+07	7.473e+04
11	117	505.00	-2.905e+04	-9858.24	-1.253e+05	-2.778e+05	-1.524e+06	8.707e+04
11	123	0.0	-6.912e+04	-1.969e+04	2.228e+05	4.151e+05	-2.122e+07	5.662e+04
11	123	133.33	-6.974e+04	-2.059e+04	2.429e+05	-3.657e+05	9.964e+06	6.191e+04
11	123	266.67	-5.460e+04	-1.820e+04	9.085e+04	-7.171e+05	1.683e+07	7.321e+04
11	123	400.00	-3.946e+04	-1.471e+04	-1.714e+04	-8.954e+05	1.059e+07	6.961e+04
11	123	505.00	-2.865e+04	-1.011e+04	-1.241e+05	-2.748e+05	-1.544e+06	8.277e+04
11	128	0.0	-7.433e+04	1442.71	2.198e+05	4.643e+06	-2.102e+07	-4.275e+04
11	128	133.33	-7.220e+04	546.88	2.400e+05	3.782e+06	1.017e+07	-3.809e+04
11	128	266.67	-5.577e+04	86.13	8.943e+04	1.917e+06	1.677e+07	-3.489e+04
11	128	400.00	-3.976e+04	-774.06	-1.686e+04	7.815e+05	1.047e+07	-3.592e+04
11	128	505.00	-2.792e+04	-1322.42	-1.226e+05	2.327e+05	-1.563e+06	-3.829e+04
11	136	0.0	-7.485e+04	428.73	2.200e+05	4.195e+06	-2.104e+07	1254.04
11	136	133.33	-7.231e+04	-467.10	2.402e+05	2.981e+06	1.014e+07	8028.92
11	136	266.67	-5.603e+04	-1341.86	8.949e+04	1.724e+06	1.676e+07	1.569e+04
11	136	400.00	-3.973e+04	-1760.92	-1.690e+04	5.498e+05	1.046e+07	1.484e+04
11	136	505.00	-2.796e+04	-1542.76	-1.224e+05	2.159e+05	-1.569e+06	1.118e+04
11	149	0.0	-6.534e+04	-2.286e+04	2.249e+05	-3.016e+05	-2.138e+07	7.154e+04
11	149	133.33	-6.795e+04	-2.375e+04	2.451e+05	-1.021e+06	9.811e+06	7.693e+04
11	149	266.67	-5.368e+04	-2.101e+04	9.180e+04	-1.085e+06	1.689e+07	8.832e+04
11	149	400.00	-3.911e+04	-1.683e+04	-1.734e+04	-1.096e+06	1.069e+07	8.595e+04
11	149	505.00	-2.909e+04	-1.135e+04	-1.254e+05	-3.293e+05	-1.524e+06	1.013e+05
11	155	0.0	-6.939e+04	-2.322e+04	2.226e+05	-1.501e+05	-2.121e+07	6.713e+04
11	155	133.33	-6.996e+04	-2.412e+04	2.427e+05	-8.910e+05	9.977e+06	7.137e+04
11	155	266.67	-5.474e+04	-2.120e+04	9.076e+04	-1.044e+06	1.683e+07	8.245e+04
11	155	400.00	-3.950e+04	-1.704e+04	-1.713e+04	-1.092e+06	1.057e+07	7.970e+04
11	155	505.00	-2.867e+04	-1.165e+04	-1.240e+05	-3.296e+05	-1.547e+06	9.598e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9.370e+04	-2.412e+04	-1.624e+05	-1.096e+06	-2.773e+07	-4.275e+04
			-2.792e+04	1442.71	3.173e+05	4.712e+06	2.193e+07	1.013e+05

Macro	Tipo	Angolo 1-Z (gradi)
12	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
12	2	0.0	-1599.08	-1.789e+04	-54.38	-4.256e+05	3.141e+04	912.38
12	2	175.00	-1639.61	-1.867e+04	-289.65	5.330e+05	1304.04	-9625.21

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
12	2	400.00	-844.18	-1.174e+04	-413.83	2.322e+06	4.212e+04	6828.48
12	2	505.00	-8688.14	5.213e+04	-2248.11	7.217e+05	4.138e+04	4.006e+04
12	2	560.00	-2892.71	4.242e+04	-3087.23	-1.822e+05	-1.076e+05	2.626e+04
12	45	0.0	748.90	-1.782e+04	-3355.44	-5.741e+05	8.725e+04	2519.63
12	45	175.00	1594.59	-2.011e+04	1652.79	4.415e+05	-6.173e+04	-1.265e+04
12	45	400.00	382.85	-1.080e+04	1347.83	2.169e+06	-1577.70	1453.06
12	45	505.00	-6550.28	4.827e+04	-2116.61	6.925e+05	5.152e+04	4.356e+04
12	45	560.00	-1703.37	3.885e+04	-2254.64	-1.675e+05	-6.163e+04	2.436e+04
12	85	0.0	-611.44	-1.672e+04	-3290.87	-4.251e+05	8.579e+04	1162.13
12	85	175.00	454.19	-1.844e+04	1611.13	4.974e+05	-6.119e+04	-1.175e+04
12	85	400.00	-941.21	-9383.95	1292.82	2.185e+06	-3100.14	1632.85
12	85	505.00	-7363.74	4.923e+04	-2171.65	6.812e+05	5.051e+04	4.661e+04
12	85	560.00	-1871.66	3.934e+04	-2132.02	-2.036e+05	-6.342e+04	2.600e+04
12	88	0.0	-3023.46	-1.676e+04	-3006.09	-3.723e+05	7.890e+04	650.73
12	88	175.00	-1811.79	-1.811e+04	1441.30	5.291e+05	-5.801e+04	-1.067e+04
12	88	400.00	-2906.13	-8731.88	1130.35	2.230e+06	-4171.00	3463.45
12	88	505.00	-8959.14	4.925e+04	-2212.04	6.618e+05	4.296e+04	4.473e+04
12	88	560.00	-3625.72	3.947e+04	-2784.18	-2.179e+05	-9.107e+04	2.639e+04
12	107	0.0	3007.63	-1.692e+04	-3078.61	-5.270e+05	6.590e+04	3482.13
12	107	175.00	3615.63	-1.849e+04	419.42	2.453e+05	-3.866e+04	-7425.64
12	107	400.00	847.95	-1.060e+04	1458.72	1.659e+06	-5670.88	-399.83
12	107	505.00	-4124.87	3.657e+04	-2063.52	5.409e+05	4.415e+04	2.841e+04
12	107	560.00	-1482.78	2.956e+04	-1571.54	-8.884e+04	-6.190e+04	1.751e+04
12	110	0.0	-3504.72	-5094.94	-1936.33	-6.166e+04	6.083e+04	-1388.69
12	110	175.00	-2357.95	-6666.10	1561.71	7.097e+05	-4.302e+04	-6982.24
12	110	400.00	-3333.08	-1806.57	647.04	1.760e+06	-265.04	2876.85
12	110	505.00	-9386.24	3.906e+04	-1499.43	4.754e+05	3.192e+04	4.019e+04
12	110	560.00	-4108.24	3.149e+04	-2056.68	-2.318e+05	-6.054e+04	1.889e+04
12	120	0.0	-1700.60	-8794.12	-2295.93	-1.726e+05	6.461e+04	-778.45
12	120	175.00	-599.81	-1.037e+04	1202.10	5.990e+05	-3.910e+04	-7442.81
12	120	400.00	-3026.68	-4209.14	863.98	1.755e+06	-3479.21	1435.30
12	120	505.00	-9189.56	3.754e+04	-1661.56	4.863e+05	3.352e+04	4.445e+04
12	120	560.00	-3972.20	3.009e+04	-1902.05	-2.228e+05	-5.844e+04	2.078e+04
12	122	0.0	-3861.58	-7671.59	-1896.55	-1.359e+05	6.091e+04	-1477.17
12	122	175.00	-2746.11	-9242.75	1601.49	6.354e+05	-4.286e+04	-8590.57
12	122	400.00	-3707.12	-3216.84	608.66	1.769e+06	-766.87	2734.65
12	122	505.00	-9720.47	3.798e+04	-1444.66	4.858e+05	2.967e+04	4.431e+04
12	122	560.00	-4119.65	3.048e+04	-2072.14	-2.322e+05	-5.676e+04	2.121e+04
12	139	0.0	3818.68	-1.757e+04	-3226.60	-5.501e+05	6.696e+04	3900.68
12	139	175.00	4401.18	-1.914e+04	271.43	2.223e+05	-3.755e+04	-6975.18
12	139	400.00	1197.64	-1.112e+04	1557.08	1.651e+06	-6450.48	-832.29
12	139	505.00	-3745.36	3.644e+04	-2144.63	5.427e+05	4.585e+04	2.742e+04
12	139	560.00	-1331.22	2.945e+04	-1514.79	-8.049e+04	-6.279e+04	1.704e+04
12	142	0.0	-3974.82	-3366.56	-1855.42	8464.68	6.092e+04	-1892.29
12	142	175.00	-2744.75	-4937.72	1642.61	7.798e+05	-4.278e+04	-6454.00
12	142	400.00	-3716.99	-572.75	583.81	1.771e+06	-6.78	3059.08
12	142	505.00	-1.000e+04	3.942e+04	-1470.31	4.629e+05	3.125e+04	4.145e+04
12	142	560.00	-4482.35	3.176e+04	-2096.90	-2.515e+05	-6.129e+04	1.872e+04
12	152	0.0	-1818.41	-7817.09	-2286.63	-1.245e+05	6.554e+04	-1180.76
12	152	175.00	-643.86	-9388.25	1211.41	6.471e+05	-3.816e+04	-7043.16
12	152	400.00	-3407.92	-3454.21	842.45	1.766e+06	-3932.80	1350.53
12	152	505.00	-9805.66	3.759e+04	-1657.45	4.768e+05	3.307e+04	4.663e+04
12	152	560.00	-4315.47	3.008e+04	-1912.40	-2.412e+05	-5.873e+04	2.100e+04
12	154	0.0	-4404.99	-6469.71	-1806.52	-8.069e+04	6.109e+04	-2015.05
12	154	175.00	-3212.85	-8040.87	1691.51	6.905e+05	-4.268e+04	-8415.72
12	154	400.00	-4209.94	-2265.66	536.36	1.782e+06	-675.18	2906.82
12	154	505.00	-1.043e+04	3.811e+04	-1398.49	4.761e+05	2.846e+04	4.646e+04
12	154	560.00	-4492.68	3.056e+04	-2116.42	-2.521e+05	-5.669e+04	2.152e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.043e+04	-2.011e+04	-3355.44	-5.741e+05	-1.076e+05	-1.265e+04
			4401.18	5.213e+04	1691.51	2.322e+06	8.725e+04	4.663e+04

Macro	Tipo	Angolo 1-Z (gradi)
13	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
13	55	0.0	-2.221e+05	-1.500e+04	-6.474e+05	-2.672e+07	6.362e+07	8.080e+04
13	55	133.33	-2.090e+05	-1.669e+04	-6.722e+05	-1.925e+07	-2.435e+07	8.811e+04
13	55	266.67	-1.534e+05	-1.747e+04	-2.335e+05	-8.326e+06	-4.891e+07	4.385e+04
13	55	400.00	-1.011e+05	-1.805e+04	8.998e+04	-1.088e+05	-3.179e+07	-2.280e+04
13	55	505.00	-6.701e+04	-1.028e+04	3.353e+05	1.853e+06	2.692e+06	1.624e+04
13	65	0.0	-2.167e+05	-1.556e+04	-6.471e+05	-2.724e+07	6.354e+07	9.044e+04
13	65	133.33	-2.033e+05	-1.726e+04	-6.720e+05	-1.963e+07	-2.440e+07	1.024e+05
13	65	266.67	-1.473e+05	-1.803e+04	-2.334e+05	-8.467e+06	-4.894e+07	5.663e+04
13	65	400.00	-9.463e+04	-1.862e+04	9.010e+04	-8.682e+04	-3.180e+07	-1.110e+04
13	65	505.00	-6.058e+04	-1.082e+04	3.353e+05	1.874e+06	2.691e+06	2.359e+04
13	70	0.0	-1.666e+05	-1.172e+04	-4.977e+05	-2.153e+07	4.888e+07	6.495e+04
13	70	133.33	-1.562e+05	-1.307e+04	-5.169e+05	-1.551e+07	-1.877e+07	7.215e+04
13	70	266.67	-1.129e+05	-1.368e+04	-1.795e+05	-6.717e+06	-3.764e+07	3.688e+04
13	70	400.00	-7.222e+04	-1.414e+04	6.931e+04	-1.097e+05	-2.446e+07	-1.546e+04
13	70	505.00	-4.599e+04	-8151.88	2.579e+05	1.449e+06	2.070e+06	1.326e+04
13	95	0.0	-1.684e+05	-3.324e+04	-4.960e+05	-1.624e+07	4.869e+07	8.145e+04
13	95	133.33	-1.554e+05	-3.453e+04	-5.151e+05	-1.143e+07	-1.900e+07	1.358e+05
13	95	266.67	-1.126e+05	-3.166e+04	-1.786e+05	-4.197e+06	-3.772e+07	1.841e+05
13	95	400.00	-7.198e+04	-2.786e+04	6.957e+04	1.282e+06	-2.442e+07	7.894e+04
13	95	505.00	-4.497e+04	-1.818e+04	2.579e+05	1.387e+06	2.078e+06	9.360e+04
13	103	0.0	-1.686e+05	-3.671e+04	-4.960e+05	-1.439e+07	4.868e+07	4.545e+04
13	103	133.33	-1.554e+05	-3.801e+04	-5.151e+05	-1.043e+07	-1.900e+07	4.876e+04
13	103	266.67	-1.125e+05	-3.427e+04	-1.785e+05	-3.646e+06	-3.771e+07	1.014e+05
13	103	400.00	-7.176e+04	-2.938e+04	6.954e+04	1.570e+06	-2.441e+07	2.406e+04
13	103	505.00	-4.510e+04	-1.825e+04	2.576e+05	1.299e+06	2.085e+06	6.281e+04
13	117	0.0	-1.797e+05	-4095.75	-4.896e+05	-2.385e+07	4.772e+07	6.550e+04
13	117	133.33	-1.578e+05	-5387.48	-5.087e+05	-1.776e+07	-1.996e+07	3.501e+04
13	117	266.67	-1.130e+05	-7554.97	-1.748e+05	-8.761e+06	-3.798e+07	-1.147e+04
13	117	400.00	-6.968e+04	-9426.00	7.045e+04	-1.091e+06	-2.435e+07	-7.688e+04
13	117	505.00	-4.290e+04	-4928.51	2.553e+05	1.307e+06	2.070e+06	2042.39
13	119	0.0	-1.796e+05	-1.659e+04	-4.898e+05	-2.111e+07	4.774e+07	6.907e+04
13	119	133.33	-1.578e+05	-1.788e+04	-5.089e+05	-1.553e+07	-1.994e+07	6.923e+04
13	119	266.67	-1.130e+05	-1.787e+04	-1.749e+05	-7.279e+06	-3.800e+07	6.736e+04
13	119	400.00	-6.984e+04	-1.729e+04	7.053e+04	-2.685e+05	-2.435e+07	-3.159e+04
13	119	505.00	-4.265e+04	-1.062e+04	2.558e+05	1.253e+06	2.073e+06	3.858e+04
13	127	0.0	-1.691e+05	-3.779e+04	-4.956e+05	-1.559e+07	4.863e+07	8.812e+04
13	127	133.33	-1.556e+05	-3.908e+04	-5.147e+05	-1.090e+07	-1.906e+07	1.528e+05
13	127	266.67	-1.126e+05	-3.551e+04	-1.784e+05	-3.839e+06	-3.775e+07	2.168e+05
13	127	400.00	-7.184e+04	-3.085e+04	6.965e+04	1.458e+06	-2.442e+07	1.012e+05
13	127	505.00	-4.470e+04	-2.040e+04	2.580e+05	1.389e+06	2.079e+06	1.114e+05
13	135	0.0	-1.693e+05	-4.198e+04	-4.955e+05	-1.337e+07	4.862e+07	4.493e+04
13	135	133.33	-1.555e+05	-4.328e+04	-5.146e+05	-9.678e+06	-1.907e+07	4.887e+04
13	135	266.67	-1.125e+05	-3.867e+04	-1.782e+05	-3.144e+06	-3.773e+07	1.185e+05
13	135	400.00	-7.161e+04	-3.269e+04	6.962e+04	1.788e+06	-2.440e+07	3.546e+04
13	135	505.00	-4.488e+04	-2.049e+04	2.576e+05	1.311e+06	2.088e+06	7.466e+04
13	149	0.0	-1.825e+05	-2730.12	-4.879e+05	-2.469e+07	4.746e+07	6.969e+04
13	149	133.33	-1.587e+05	-4021.86	-5.070e+05	-1.844e+07	-2.022e+07	3.322e+04
13	149	266.67	-1.132e+05	-6515.80	-1.738e+05	-9.242e+06	-3.805e+07	-1.628e+04
13	149	400.00	-6.915e+04	-8693.21	7.069e+04	-1.331e+06	-2.435e+07	-8.347e+04
13	149	505.00	-4.221e+04	-4450.83	2.548e+05	1.257e+06	2.068e+06	2688.42
13	151	0.0	-1.823e+05	-1.775e+04	-4.881e+05	-2.143e+07	4.749e+07	7.386e+04
13	151	133.33	-1.586e+05	-1.904e+04	-5.072e+05	-1.580e+07	-2.020e+07	7.389e+04
13	151	266.67	-1.132e+05	-1.891e+04	-1.740e+05	-7.486e+06	-3.807e+07	7.782e+04
13	151	400.00	-6.931e+04	-1.815e+04	7.078e+04	-3.864e+05	-2.435e+07	-2.921e+04
13	151	505.00	-4.191e+04	-1.129e+04	2.554e+05	1.201e+06	2.072e+06	4.638e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.221e+05	-4.328e+04	-6.722e+05	-2.724e+07	-4.894e+07	-8.347e+04
			-4.191e+04	-2730.12	3.353e+05	1.874e+06	6.362e+07	2.168e+05

Macro	Tipo	Angolo 1-Z (gradi)
15	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
15	2	0.0	-2.478e+04	2706.80	4724.71	1.378e+06	-1.459e+05	-1.410e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
15	2	175.00	1581.42	419.83	-1683.79	1.060e+06	1.201e+05	-2.445e+04
15	2	400.00	4.236e+04	744.62	-273.81	1.241e+05	1.608e+05	-1.287e+04
15	2	505.00	2.577e+04	649.33	-2301.05	1.537e+05	-1.120e+04	-5151.94
15	2	560.00	5919.52	919.63	-1.047e+04	2.576e+05	-3.284e+05	-6387.67
15	24	0.0	-2.548e+04	2907.23	1.554e+04	5.168e+05	-1.405e+06	-1.605e+04
15	24	175.00	-1419.31	1079.87	1.280e+04	4.272e+05	1.074e+06	-2.156e+04
15	24	400.00	3.891e+04	1458.33	3436.94	-2.390e+05	1.225e+05	-9135.28
15	24	505.00	2.342e+04	1574.10	-5707.54	-1.291e+05	-2.279e+05	-1705.43
15	24	560.00	5757.43	1935.93	-1.409e+04	9870.96	-7.309e+05	-936.71
15	65	0.0	-2.641e+04	2491.96	1.597e+04	6.527e+05	-1.435e+06	-1.753e+04
15	65	175.00	-475.09	483.38	1.269e+04	5.176e+05	1.073e+06	-2.303e+04
15	65	400.00	4.339e+04	887.36	3487.79	-2.041e+05	1.285e+05	-9377.30
15	65	505.00	2.882e+04	983.26	-5396.72	-1.337e+05	-2.039e+05	-1760.59
15	65	560.00	1.119e+04	1356.27	-1.314e+04	385.74	-6.733e+05	-1193.24
15	66	0.0	-3.004e+04	2723.34	1.629e+04	6.211e+05	-1.451e+06	-1.772e+04
15	66	175.00	-3490.27	765.47	1.260e+04	4.985e+05	1.078e+06	-2.335e+04
15	66	400.00	4.034e+04	1142.92	3478.98	-2.179e+05	1.324e+05	-9796.63
15	66	505.00	2.572e+04	1251.74	-5367.95	-1.252e+05	-1.985e+05	-2136.18
15	66	560.00	8245.66	1678.95	-1.311e+04	2.103e+04	-6.678e+05	-1292.63
15	105	0.0	-2.354e+04	1.043e+04	1.258e+04	1.067e+04	-1.098e+06	-2.117e+04
15	105	175.00	-4288.11	8884.27	1.023e+04	-5.665e+04	8.213e+05	-1.434e+04
15	105	400.00	2.970e+04	4719.93	2346.18	-2.670e+05	1.149e+05	-1.136e+04
15	105	505.00	1.814e+04	2560.33	-4356.54	4479.56	-1.696e+05	-3035.59
15	105	560.00	4994.83	3033.03	-1.075e+04	2.001e+05	-5.523e+05	-1.104e+04
15	111	0.0	-3.498e+04	1895.94	1.472e+04	4.664e+05	-1.193e+06	-1.650e+04
15	111	175.00	-1.599e+04	353.35	1.238e+04	3.977e+05	7.268e+05	-2.105e+04
15	111	400.00	2.712e+04	1319.93	2068.65	-2.560e+04	1.567e+05	-1.012e+04
15	111	505.00	2.175e+04	2347.39	-3913.76	6.315e+04	-1.468e+05	-3552.80
15	111	560.00	9886.77	2694.94	-8798.60	1.676e+05	-4.466e+05	-4106.23
15	116	0.0	-5771.99	-3210.42	9717.07	7.845e+05	-1.004e+06	-4303.22
15	116	175.00	1.335e+04	-4753.01	7374.35	6.343e+05	9.143e+05	-1.554e+04
15	116	400.00	3.509e+04	-2711.40	3252.51	-2.635e+05	3.629e+04	-719.31
15	116	505.00	1.813e+04	-2172.20	-4631.49	-3.417e+05	-1.844e+05	3548.20
15	116	560.00	3006.54	-1826.83	-1.192e+04	-2.635e+05	-6.224e+05	9181.21
15	119	0.0	-3.191e+04	3353.63	1.441e+04	6.150e+05	-1.181e+06	-1.878e+04
15	119	175.00	-1.308e+04	1811.04	1.207e+04	5.593e+05	7.392e+05	-2.812e+04
15	119	400.00	2.927e+04	3180.26	1956.69	-6.952e+04	1.499e+05	-1.194e+04
15	119	505.00	2.292e+04	3802.43	-4081.19	2.675e+04	-1.464e+05	-7286.73
15	119	560.00	1.150e+04	3662.34	-8672.75	2.136e+05	-4.437e+05	-6494.32
15	137	0.0	-2.424e+04	1.221e+04	1.266e+04	-8.609e+04	-1.099e+06	-2.310e+04
15	137	175.00	-4952.02	1.067e+04	1.031e+04	-1.461e+05	8.202e+05	-1.398e+04
15	137	400.00	2.947e+04	5589.80	2296.58	-2.833e+05	1.184e+05	-1.237e+04
15	137	505.00	1.793e+04	2964.35	-4363.48	3.108e+04	-1.701e+05	-3557.29
15	137	560.00	4839.50	3469.26	-1.078e+04	2.428e+05	-5.540e+05	-1.331e+04
15	143	0.0	-3.799e+04	1915.41	1.523e+04	4.622e+05	-1.214e+06	-1.750e+04
15	143	175.00	-1.902e+04	372.82	1.289e+04	4.001e+05	7.066e+05	-2.206e+04
15	143	400.00	2.638e+04	1508.66	1958.30	-1.240e+04	1.684e+05	-1.088e+04
15	143	505.00	2.224e+04	2716.10	-3824.08	9.921e+04	-1.432e+05	-4227.53
15	143	560.00	1.075e+04	3060.89	-8451.93	2.085e+05	-4.283e+05	-4974.76
15	148	0.0	-2862.74	-4143.31	9246.04	8.445e+05	-9.863e+05	-2628.72
15	148	175.00	1.625e+04	-5685.90	6903.31	6.847e+05	9.321e+05	-1.518e+04
15	148	400.00	3.590e+04	-3327.27	3364.96	-2.663e+05	2.460e+04	447.30
15	148	505.00	1.788e+04	-2684.63	-4707.06	-3.881e+05	-1.870e+05	4373.02
15	148	560.00	2426.35	-2349.75	-1.218e+04	-3.231e+05	-6.362e+05	1.104e+04
15	151	0.0	-3.429e+04	3685.07	1.484e+04	6.406e+05	-1.199e+06	-2.050e+04
15	151	175.00	-1.553e+04	2142.48	1.250e+04	5.942e+05	7.215e+05	-3.077e+04
15	151	400.00	2.889e+04	3732.93	1854.65	-3.986e+04	1.599e+05	-1.300e+04
15	151	505.00	2.371e+04	4468.73	-4032.79	5.657e+04	-1.429e+05	-8713.96
15	151	560.00	1.260e+04	4225.95	-8298.16	2.560e+05	-4.248e+05	-7888.06
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.799e+04	-5685.90	-1.409e+04	-3.881e+05	-1.451e+06	-3.077e+04
			4.339e+04	1.221e+04	1.629e+04	1.378e+06	1.078e+06	1.104e+04

Macro	Tipo	Angolo 1-Z (gradi)
16	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
16	2	0.0	-1.880e+04	-2.410e+04	-3138.83	-7.379e+05	6.451e+04	-8374.22
16	2	175.00	-1.293e+04	-2.680e+04	1847.50	5.058e+05	-4.848e+04	8368.33
16	2	400.00	-6114.59	-1.947e+04	783.31	2.661e+06	-3.623e+04	-3.046e+04
16	2	505.00	-1.065e+04	5.213e+04	1096.69	7.990e+05	-2.195e+04	-4.270e+04
16	2	560.00	-2853.19	4.202e+04	2295.75	-2.339e+05	9.585e+04	-2.998e+04
16	69	0.0	-1.214e+04	-1.883e+04	388.54	-6.526e+05	-1120.52	-8093.50
16	69	175.00	-6073.03	-2.209e+04	-84.61	3.470e+05	2.547e+04	8955.29
16	69	400.00	-1567.19	-1.433e+04	-904.21	1.925e+06	-4233.22	-2.161e+04
16	69	505.00	-5843.72	3.819e+04	604.79	6.295e+05	-2.083e+04	-2.986e+04
16	69	560.00	-1213.16	3.094e+04	1084.22	-1.190e+05	3.692e+04	-1.965e+04
16	107	0.0	-1.624e+04	-2.122e+04	-366.51	-6.347e+05	9972.39	-4952.11
16	107	175.00	-1.032e+04	-2.397e+04	-690.99	2.991e+05	3.450e+04	9351.88
16	107	400.00	-4037.69	-1.588e+04	-423.71	1.962e+06	-8158.72	-1.874e+04
16	107	505.00	-7023.12	3.700e+04	-91.19	7.096e+05	-1635.66	-3.804e+04
16	107	560.00	-1565.48	2.961e+04	1353.34	-7.309e+04	2.703e+04	-2.572e+04
16	111	0.0	-1.436e+04	-2.584e+04	226.39	-8.209e+05	6689.87	-6505.82
16	111	175.00	-8299.13	-2.859e+04	-98.09	1.129e+05	3.204e+04	8266.34
16	111	400.00	-2638.78	-1.970e+04	-825.19	1.890e+06	-3505.03	-1.931e+04
16	111	505.00	-5746.46	3.562e+04	289.09	7.007e+05	-1.044e+04	-3.111e+04
16	111	560.00	-688.15	2.834e+04	1409.64	-7.198e+04	3.383e+04	-2.076e+04
16	118	0.0	-1.125e+04	-9138.92	491.41	-3.156e+05	-6415.82	-8082.60
16	118	175.00	-5624.77	-1.189e+04	166.93	6.182e+05	1.838e+04	8117.09
16	118	400.00	-2411.94	-5919.33	-883.02	1.902e+06	-2421.66	-2.440e+04
16	118	505.00	-7414.23	4.147e+04	1153.14	4.818e+05	-2.798e+04	-2.515e+04
16	118	560.00	-3133.90	3.433e+04	1330.87	-2.336e+05	6.571e+04	-1.522e+04
16	139	0.0	-1.692e+04	-2.192e+04	-502.31	-6.508e+05	1.203e+04	-4515.61
16	139	175.00	-1.099e+04	-2.467e+04	-826.79	2.831e+05	3.645e+04	9558.66
16	139	400.00	-4257.79	-1.649e+04	-346.86	1.968e+06	-9317.25	-1.822e+04
16	139	505.00	-7068.80	3.672e+04	-240.06	7.305e+05	1666.78	-3.963e+04
16	139	560.00	-1461.05	2.932e+04	1365.04	-5.873e+04	2.271e+04	-2.685e+04
16	143	0.0	-1.466e+04	-2.747e+04	211.16	-8.747e+05	8049.64	-6369.64
16	143	175.00	-8562.18	-3.021e+04	-113.31	5.919e+04	3.347e+04	8226.94
16	143	400.00	-2554.54	-2.108e+04	-830.09	1.883e+06	-3844.28	-1.894e+04
16	143	505.00	-5529.82	3.511e+04	218.85	7.194e+05	-8980.99	-3.125e+04
16	143	560.00	-408.70	2.781e+04	1429.13	-5.754e+04	3.102e+04	-2.087e+04
16	150	0.0	-1.092e+04	-7395.22	528.67	-2.673e+05	-7646.10	-8314.81
16	150	175.00	-5344.50	-1.014e+04	204.19	6.664e+05	1.709e+04	8087.01
16	150	400.00	-2250.41	-4530.61	-898.22	1.899e+06	-2299.07	-2.501e+04
16	150	505.00	-7544.56	4.202e+04	1250.51	4.568e+05	-2.988e+04	-2.405e+04
16	150	560.00	-3345.41	3.497e+04	1331.18	-2.513e+05	6.900e+04	-1.423e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.880e+04	-3.021e+04	-3138.83	-8.747e+05	-4.848e+04	-4.270e+04
			-408.70	5.213e+04	2295.75	2.661e+06	9.585e+04	9558.66

Macro	Tipo	Angolo 1-X (gradi)
4	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
4	2	1	544.79	-123.10	213.85	207.84	-333.93	7292.57	-4397.98	1430.29	1464.30	5845.25
4	2	2	380.42	-152.50	105.35	122.56	266.32	2879.42	-2251.72	263.89	363.81	-2565.08
4	2	3	565.08	-139.86	206.92	218.30	352.43	8187.59	-5191.18	1425.19	1571.22	-6688.99
4	2	4	493.53	-116.29	158.45	218.78	-303.41	5570.88	-4011.20	480.93	1078.75	4781.71
4	2	5	-336.97	-449.57	-351.13	-435.41	37.34	-833.57	-6200.81	-837.12	-6197.25	138.04
4	2	6	-168.04	-485.44	-475.14	-178.35	56.26	-5080.23	-2.371e+04	-2.369e+04	-5095.75	-537.40
4	2	8	-315.47	-499.75	-334.63	-480.59	56.24	5328.48	1923.48	1964.28	5287.68	-370.49
4	2	11	-325.43	-469.65	-344.88	-450.19	49.27	4510.52	1764.69	1768.84	4506.37	106.63
4	2	12	-256.40	-459.04	-348.31	-367.13	100.88	4619.61	2315.47	2687.91	4247.17	-848.20
4	2	13	-321.22	-432.38	-383.57	-370.03	55.16	3594.63	1491.31	2069.29	3016.64	938.95
4	2	17	-361.09	-485.23	-362.08	-484.25	-11.00	5288.96	390.31	1127.79	4551.48	1751.79
4	2	18	-381.50	-594.39	-387.02	-588.87	-33.82	-2576.76	-1.221e+04	-2586.33	-1.220e+04	303.41
4	2	19	-304.80	-523.52	-304.99	-523.32	-6.55	-1693.45	-7635.52	-1697.15	-7631.82	-148.25
4	2	23	-40.00	-346.93	-346.91	-40.02	2.55	143.82	-1.344e+04	-9701.60	-3598.59	6070.06
4	2	25	-377.15	-569.17	-378.59	-567.74	16.54	-2697.27	-1.315e+04	-2697.62	-1.315e+04	61.03
4	2	31	-223.04	-496.34	-452.88	-266.51	99.95	-1129.69	-9120.64	-8856.64	-1393.68	-1428.25

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	2	42	-276.14	-551.79	-545.37	-282.56	41.58	-2253.09	-1.105e+04	-1.102e+04	-2283.86	-519.39
4	2	45	-29.87	-341.65	-30.78	-340.74	16.86	-308.13	-1.305e+04	-3652.30	-9708.50	5606.82
4	2	46	-385.29	-578.07	-386.04	-577.32	-12.01	-2656.26	-1.302e+04	-2659.24	-1.301e+04	175.86
4	2	52	-237.99	-488.89	-268.74	-458.14	-82.28	-1405.92	-1.039e+04	-1590.95	-1.020e+04	1275.76
4	2	63	-435.55	-643.48	-535.87	-543.16	-103.90	-6686.04	-3.441e+04	-6818.73	-3.428e+04	1913.37
4	2	64	-329.85	-506.84	-337.63	-499.06	-36.29	3337.93	550.11	562.47	3325.57	-185.19
4	2	65	-310.17	-552.29	-312.28	-550.18	-22.54	-2531.50	-1.228e+04	-2558.40	-1.226e+04	511.42
4	2	70	38.74	-329.83	-329.83	38.73	-1.55	915.38	-1.234e+04	-7809.03	-3616.70	-6288.06
4	2	71	-276.50	-571.77	-571.59	-276.68	-7.29	-2579.62	-1.140e+04	-1.139e+04	-2586.42	244.70
4	2	77	-255.86	-566.28	-559.32	-262.82	-45.95	-2314.40	-1.099e+04	-1.087e+04	-2429.52	992.69
4	2	89	-302.63	-437.64	-321.73	-418.53	47.06	-4254.92	-2.262e+04	-4316.95	-2.256e+04	-1065.50
4	2	97	-108.85	-365.80	-362.49	-112.16	-28.97	-2629.67	-1.105e+04	-1.072e+04	-2959.96	-1634.18
4	2	98	-210.94	-451.35	-442.94	-219.35	44.18	-4739.99	-2.191e+04	-2.186e+04	-4793.79	-959.65
4	2	99	-335.97	-420.11	-392.76	-363.32	39.41	-505.73	-2130.61	-671.53	-1964.80	491.85
4	2	109	-199.41	-537.93	-252.83	-484.51	123.41	-223.04	-7403.53	-837.27	-6789.29	-2008.29
4	2	116	-263.05	-587.15	-276.51	-573.68	64.68	-1667.64	-7942.21	-1801.71	-7808.14	-907.34
4	2	125	-287.91	-578.38	-288.22	-578.07	9.54	-1746.51	-7237.19	-1750.93	-7232.78	-155.65
4	2	127	-325.68	-514.36	-330.86	-509.18	-30.82	4986.40	1124.04	1427.14	4683.29	1038.66
4	2	128	-481.37	-596.14	-512.77	-564.74	-51.16	-7828.94	-3.996e+04	-7842.94	-3.995e+04	670.39
4	2	140	-367.16	-455.77	-376.34	-446.58	-27.01	928.69	-3009.41	-2968.47	887.75	399.45
4	2	148	-317.66	-522.15	-518.11	-321.70	-28.47	-5453.55	-2.732e+04	-2.707e+04	-5706.07	2336.13
4	2	151	-313.14	-537.38	-313.38	-537.13	7.34	-1008.04	-6675.11	-1064.89	-6618.26	-564.73
4	2	161	-403.79	-563.77	-562.28	-405.28	-15.38	-7105.72	-3.509e+04	-3.504e+04	-7162.48	1259.16
4	2	163	-215.52	-474.37	-430.30	-259.58	97.29	1377.88	-1622.15	-1609.26	1364.99	-196.22
4	2	166	-191.87	-531.55	-501.10	-222.33	97.05	-5350.41	-2.620e+04	-2.619e+04	-5367.26	-592.59
4	2	171	-358.20	-469.03	-358.25	-468.97	-2.53	4.64	-3047.51	-241.25	-2801.63	830.67
4	2	174	-410.52	-574.52	-574.29	-410.75	-6.13	-7540.35	-3.694e+04	-3.694e+04	-7541.63	194.18
4	2	187	-387.76	-573.57	-573.18	-388.14	8.45	-7265.79	-3.535e+04	-3.532e+04	-7295.02	-905.51
4	2	196	-341.07	-460.19	-343.81	-457.44	-17.88	-34.66	-2919.02	-2900.40	-53.28	-230.99
4	2	199	-447.52	-478.46	-471.74	-454.24	-12.76	-4319.55	-7706.16	-4320.38	-7705.33	53.21
4	2	213	-449.06	-553.61	-455.81	-546.86	25.70	-7587.76	-3.852e+04	-7587.78	-3.852e+04	-26.53
4	2	215	94.41	-384.92	-343.49	52.98	134.69	-2313.70	-1.191e+04	-1.057e+04	-3657.96	3331.32
4	2	216	-341.37	-418.08	-373.20	-386.24	37.80	251.69	-4186.25	188.43	-4122.99	526.05
4	2	226	-471.00	-550.03	-471.33	-549.70	-5.08	-7648.47	-3.909e+04	-7649.19	-3.909e+04	150.03
4	2	227	-313.33	-532.67	-313.59	-532.41	7.57	-1188.82	-5431.97	-1203.64	-5417.15	250.32
4	2	228	-393.70	-554.26	-426.03	-521.93	64.39	-6556.60	-3.317e+04	-6701.21	-3.302e+04	-1956.30
4	2	230	-153.33	-452.96	-285.63	-320.65	148.79	-6879.71	-1.071e+04	-9195.23	-8397.81	-1874.89
4	2	231	-182.25	-393.93	-306.14	-270.03	-104.29	-9808.69	-1.219e+04	-1.073e+04	-1.126e+04	1159.54
4	2	254	-329.50	-508.23	-329.50	-508.23	0.65	-995.73	-5899.32	-1023.38	-5871.66	367.22
4	2	256	-325.59	-475.90	-326.09	-475.40	8.65	729.57	255.11	721.64	263.04	60.83
4	2	261	-315.01	-547.36	-341.08	-521.29	73.33	-5568.59	-2.802e+04	-5816.32	-2.777e+04	-2345.15
4	2	266	-409.33	-597.36	-438.49	-568.20	68.06	-7148.59	-3.571e+04	-7222.49	-3.564e+04	-1450.96
4	2	271	-416.89	-595.96	-448.42	-564.42	68.21	-7508.74	-3.766e+04	-7524.67	-3.765e+04	-692.73
4	2	276	-429.02	-565.99	-446.93	-548.08	46.18	-7560.77	-3.821e+04	-7563.42	-3.821e+04	-285.38
4	2	282	-192.26	-536.23	-489.82	-238.67	-117.52	-500.42	-9415.47	-8940.55	-975.34	2002.10
4	2	283	-379.21	-574.15	-381.25	-572.12	-19.82	-2310.28	-1.148e+04	-2315.57	-1.148e+04	220.10
4	2	292	-277.09	-463.47	-277.18	-463.37	-4.23	2658.04	423.04	499.86	2581.23	-407.17
4	2	295	-333.25	-566.62	-336.92	-562.94	29.06	-2709.34	-1.281e+04	-2709.38	-1.281e+04	-19.69
4	2	301	-24.06	-337.95	-28.18	-333.83	35.71	1399.70	-1.294e+04	-3535.23	-8007.99	-6813.69
4	2	311	-122.12	-453.13	-386.17	-189.07	132.96	-2591.81	-6984.06	-3766.74	-5809.13	-1944.26
4	2	313	-468.29	-611.37	-523.00	-556.66	-69.54	-7543.62	-3.861e+04	-7592.51	-3.856e+04	1231.44
4	2	318	-320.64	-559.69	-321.00	-559.34	-9.17	-809.37	-5948.53	-851.91	-5905.99	-465.62
4	2	321	-230.48	-386.43	-248.78	-368.13	-50.19	-479.41	-1.420e+04	-3207.63	-1.147e+04	5475.28
4	2	324	-351.05	-474.85	-358.58	-467.32	-29.58	4556.43	1200.63	2106.34	3650.72	1489.65
4	2	327	-234.49	-428.83	-427.62	-235.71	15.31	-3752.33	-1.847e+04	-1.840e+04	-3816.42	-968.97
4	2	333	-309.69	-558.07	-309.77	-557.99	-4.39	-1067.52	-5006.13	-1087.19	-4986.45	-277.69
4	2	339	-446.83	-584.01	-461.29	-569.56	42.12	-7421.69	-3.687e+04	-7453.57	-3.684e+04	-968.30
4	2	345	-316.54	-508.30	-316.95	-507.90	-8.78	2688.22	988.35	1456.34	2220.23	-759.29
4	2	348	-362.22	-499.27	-497.66	-363.83	14.77	388.37	-395.22	308.21	-315.06	237.46
4	2	355	-298.72	-468.91	-308.34	-459.28	39.30	-1216.54	-7927.56	-1352.90	-7791.20	-946.85
4	2	358	-398.56	-619.72	-504.57	-513.71	-110.48	-5095.30	-2.798e+04	-5541.51	-2.753e+04	3164.20
4	2	359	-337.49	-428.37	-342.33	-423.53	20.40	1120.76	730.34	775.80	1075.29	125.23
4	2	363	-267.76	-446.77	-269.70	-444.84	18.51	2229.34	396.96	404.54	2221.76	117.65
4	2	365	-364.46	-562.32	-366.28	-560.50	18.88	-2667.07	-1.309e+04	-2667.09	-1.309e+04	13.41
4	2	376	-244.16	-629.07	-244.17	-629.06	-1.90	-2614.50	-6373.38	-2644.71	-6343.17	-335.59
4	2	396	-309.10	-544.63	-543.95	-309.78	12.65	-5899.43	-2.996e+04	-2.984e+04	-6026.66	-1745.13
4	2	399	-344.37	-544.61	-350.01	-538.97	-33.13	-1970.36	-9967.90	-1973.08	-9965.17	147.65
4	2	408	-350.20	-491.96	-384.23	-457.93	60.55	-5175.85	-2.774e+04	-5407.60	-2.751e+04	-2274.93
4	2	416	-352.41	-532.58	-352.59	-532.41	5.58	-5883.65	-2.908e+04	-5988.24	-2.898e+04	1554.19
4	2	422	-449.90	-583.78	-456.78	-576.90	29.57	-7372.49	-3.615e+04	-7374.51	-3.614e+04	241.50
4	2	429	-361.02	-456.89	-385.34	-432.56	41.72	-4194.70	-2.091e+04	-4201.85	-2.091e+04	-345.64
4	2	432	-210.35	-379.81	-211.45	-378.72	13.57	-2611.83	-1.193e+04	-2995.56	-1.155e+04	-1851.49
4	2	446	-330.61	-472.74	-357.39	-445.96	55.58	-3806.18	-1.892e+04	-3855.55	-1.887e+04	-862.30

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	2	454	-356.96	-453.51	-377.99	-432.48	39.85	-4381.06	-2.166e+04	-4381.12	-2.166e+04	-33.17
4	2	457	-367.65	-447.47	-380.22	-434.90	29.08	-4451.92	-2.168e+04	-4453.10	-2.168e+04	-142.49
4	2	460	-324.91	-441.41	-360.90	-405.42	53.83	-4264.82	-2.097e+04	-4270.54	-2.096e+04	-308.95
4	2	480	-299.13	-569.61	-299.18	-569.56	3.73	-1922.49	-2341.47	-2312.16	-1951.80	106.87
4	2	485	-350.89	-417.37	-351.26	-417.00	4.94	1567.05	34.62	1443.71	157.96	-416.88
4	2	486	-312.80	-361.59	-359.02	-315.37	-10.90	3532.13	2546.62	2939.58	3139.17	482.54
4	2	492	-382.30	-404.77	-401.90	-385.18	-7.51	3251.94	470.93	470.97	3251.91	-9.78
4	2	529	-263.52	-503.29	-404.91	-361.90	-117.94	3645.56	-289.50	1633.70	1722.37	1967.03
4	2	530	-318.71	-496.13	-475.24	-339.60	-57.18	3929.89	1612.35	3461.98	2080.26	930.30
4	2	531	-335.51	-493.92	-493.71	-335.72	-5.79	4137.69	1689.37	4112.83	1714.23	245.44
4	2	532	-334.33	-484.30	-468.23	-350.40	46.39	3661.42	2031.14	3577.07	2115.49	-361.12
4	2	533	-257.08	-505.73	-361.49	-401.32	122.72	3585.90	-219.23	1701.19	1665.47	-1902.48
4	2	534	-313.91	-511.95	-326.28	-499.58	47.92	3692.09	2254.25	2283.38	3662.97	-202.57
4	2	535	-318.95	-523.04	-318.98	-523.00	2.50	4637.82	1412.17	1547.32	4502.66	646.30
4	2	536	-410.79	-440.80	-410.79	-440.80	0.12	5451.43	2016.97	4300.45	3167.95	1621.18
4	2	537	-401.59	-458.28	-455.90	-403.96	-11.36	6192.91	793.14	6188.41	797.63	155.69
4	2	538	-405.73	-451.82	-420.43	-437.12	-21.48	5054.95	2282.55	4129.48	3208.02	-1307.39
4	2	539	-340.20	-497.02	-365.21	-472.01	-57.41	3661.39	2558.01	2598.01	3621.39	206.23
4	2	540	-351.80	-513.67	-355.27	-510.20	-23.46	4617.19	1237.08	1317.49	4536.78	-515.10
4	2	541	-373.44	-487.05	-374.78	-485.71	-12.27	5077.63	330.85	835.89	4572.59	-1463.64
4	2	542	-351.45	-539.57	-351.72	-539.30	7.11	5012.03	618.52	627.97	5002.58	-203.56
4	2	543	-346.26	-520.75	-349.48	-517.53	23.48	3752.01	-64.08	-63.97	3751.89	-20.89
4	2	544	-341.94	-566.45	-343.06	-565.32	15.83	5175.44	841.02	841.71	5174.75	-54.45
4	2	545	-320.87	-572.19	-325.95	-567.11	35.37	3851.66	584.79	607.82	3828.63	-273.33
4	2	546	-333.18	-588.55	-333.23	-588.50	3.52	5432.95	893.74	896.57	5430.12	113.34
4	2	547	-299.46	-607.00	-299.77	-606.70	9.73	4514.76	413.24	417.65	4510.35	-134.35
4	2	548	-335.80	-576.12	-335.87	-576.05	-3.94	5548.03	1158.64	1159.50	5547.17	61.70
4	2	549	-335.67	-549.04	-336.55	-548.15	13.74	5499.14	1204.39	1210.53	5493.00	-162.30
4	2	550	-321.63	-562.96	-321.80	-562.79	-6.40	4799.30	1158.20	1158.21	4799.29	4.43
4	2	551	-328.56	-525.12	-328.98	-524.70	9.07	4763.04	1150.35	1151.23	4762.17	56.08
4	2	576	-395.75	-424.70	-422.55	-397.91	7.60	-17.05	-1162.69	-177.77	-1001.97	-397.86
4	2	577	-357.47	-437.71	-365.83	-429.35	24.50	85.49	-572.68	36.86	-524.05	-172.16
4	2	578	-312.77	-598.19	-313.93	-597.03	-18.17	4489.26	802.28	810.58	4480.95	174.82
4	2	579	-333.16	-591.02	-333.33	-590.84	-6.73	5529.09	1004.13	1008.22	5525.00	135.93
4	2	580	-386.82	-587.88	-388.60	-586.10	-18.82	-2637.08	-1.272e+04	-2642.38	-1.272e+04	231.03
4	2	581	-481.79	-565.06	-490.17	-556.68	-25.06	-7750.11	-3.973e+04	-7754.03	-3.973e+04	353.75
4	2	586	-318.18	-504.95	-323.13	-500.01	-30.00	1866.47	557.13	1824.31	599.29	231.14
4	2	587	-374.44	-443.36	-383.89	-433.91	-23.70	2877.09	1807.73	1810.70	2874.13	56.25
4	2	592	-343.80	-428.90	-343.90	-428.81	2.85	-148.07	-560.25	-149.82	-558.51	26.79
4	2	593	-304.93	-434.83	-314.12	-425.64	33.31	69.10	-368.01	39.10	-338.01	-110.52
4	2	594	-277.61	-398.93	-278.13	-398.42	-7.90	1192.10	-424.02	657.66	110.41	760.32
4	2	595	-316.63	-394.84	-394.51	-316.97	5.09	23.58	-1069.58	-555.14	-490.86	-545.63
4	2	596	-265.18	-376.45	-372.86	-268.77	-19.64	1328.64	-293.70	-118.65	1153.58	503.34
4	2	597	-182.81	-379.06	-281.86	-280.00	-98.12	2035.48	-2315.35	-145.34	-134.53	2175.41
4	88	1	537.52	-129.77	207.46	200.28	-333.63	6945.70	-4177.24	1365.04	1403.43	5561.44
4	88	2	380.18	-150.23	106.69	123.26	265.08	2619.51	-2170.87	187.06	261.58	-2394.90
4	88	3	556.42	-145.95	199.16	211.31	351.13	7754.01	-4914.72	1352.05	1487.24	-6334.00
4	88	4	492.74	-129.24	154.98	208.52	-309.83	5341.04	-3912.79	444.79	983.47	4619.07
4	88	5	-305.55	-417.51	-318.21	-404.84	35.46	-961.82	-6553.76	-990.46	-6525.11	399.23
4	88	6	-195.31	-487.28	-476.24	-206.34	55.68	-5024.62	-2.410e+04	-2.408e+04	-5047.24	-656.44
4	88	8	-272.75	-439.76	-296.89	-415.63	58.73	5923.43	2119.87	2157.92	5885.39	-378.48
4	88	11	-287.10	-424.45	-309.27	-402.28	50.53	4649.01	1734.04	1746.20	4636.85	187.86
4	88	12	-243.48	-407.42	-320.35	-330.55	81.81	4777.83	2607.30	2848.67	4536.46	-682.38
4	88	13	-289.26	-393.71	-335.86	-347.11	51.92	3869.29	1420.01	2133.60	3155.69	1112.92
4	88	17	-313.47	-399.33	-314.45	-398.35	-9.13	5221.47	310.68	1073.06	4459.09	1778.39
4	88	18	-334.49	-538.12	-336.43	-536.18	-19.76	-2578.26	-1.215e+04	-2582.72	-1.215e+04	206.49
4	88	19	-254.79	-433.24	-254.94	-433.10	-5.07	-1874.90	-8095.24	-1883.63	-8086.51	-232.86
4	88	23	-50.76	-349.55	-349.54	-50.77	-1.59	-225.89	-1.370e+04	-1.034e+04	-3588.68	5830.91
4	88	25	-327.82	-516.93	-329.15	-515.60	15.80	-2651.17	-1.287e+04	-2652.11	-1.287e+04	98.41
4	88	31	-215.76	-454.88	-425.16	-245.48	78.90	-767.38	-9218.02	-8773.21	-1212.19	-1887.08
4	88	42	-242.69	-515.39	-511.37	-246.72	32.90	-2225.45	-1.110e+04	-1.104e+04	-2276.99	-674.23
4	88	45	-35.70	-346.27	-36.38	-345.59	14.50	-607.55	-1.336e+04	-3614.72	-1.035e+04	5412.56
4	88	46	-336.20	-523.80	-336.46	-523.54	-6.97	-2621.02	-1.280e+04	-2624.86	-1.280e+04	197.86
4	88	52	-223.57	-447.04	-244.06	-426.55	-64.49	-997.25	-1.030e+04	-1402.69	-9897.06	1899.57
4	88	63	-407.16	-606.13	-468.95	-544.34	-92.07	-6796.93	-3.446e+04	-6923.95	-3.434e+04	1870.35
4	88	64	-285.69	-417.52	-292.92	-410.29	-30.01	3268.99	500.64	541.58	3228.05	-334.13
4	88	65	-271.39	-507.77	-272.57	-506.60	-16.61	-2460.33	-1.216e+04	-2523.83	-1.210e+04	782.27
4	88	70	21.03	-334.50	-334.50	21.03	-0.37	461.22	-1.258e+04	-8546.26	-3574.62	-6029.32
4	88	71	-239.25	-535.64	-535.51	-239.37	-6.03	-2573.54	-1.140e+04	-1.139e+04	-2578.89	217.25
4	88	77	-224.81	-529.15	-524.78	-229.18	-36.21	-2281.54	-1.103e+04	-1.090e+04	-2419.75	1091.13
4	88	89	-281.58	-429.59	-296.80	-414.37	44.96	-4154.95	-2.257e+04	-4232.37	-2.249e+04	-1191.64
4	88	97	-119.10	-368.83	-365.91	-122.01	-26.82	-2678.79	-1.128e+04	-1.101e+04	-2952.29	-1509.49
4	88	98	-240.38	-455.07	-446.36	-249.10	42.36	-4698.63	-2.215e+04	-2.209e+04	-4752.60	-968.87

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	88	99	-330.44	-409.68	-391.40	-348.72	33.38	13.73	-1928.41	-181.78	-1732.90	584.37
4	88	109	-188.76	-488.99	-226.47	-451.28	99.50	199.61	-7792.42	-742.05	-6850.76	-2576.64
4	88	116	-229.24	-537.55	-238.60	-528.20	52.87	-1664.37	-8306.89	-1852.21	-8119.05	-1101.11
4	88	125	-246.93	-528.88	-247.04	-528.77	5.61	-1804.37	-7591.35	-1807.82	-7587.90	-141.29
4	88	127	-284.72	-422.80	-289.55	-417.97	-25.38	5807.82	1530.35	1772.80	5565.36	989.10
4	88	128	-436.65	-579.60	-449.96	-566.30	-41.53	-7940.08	-4.011e+04	-7951.54	-4.010e+04	607.14
4	88	140	-339.73	-419.37	-340.78	-418.32	-9.12	1001.46	-3799.01	-3731.79	934.25	564.06
4	88	148	-306.49	-524.00	-517.87	-312.62	-35.98	-5472.42	-2.769e+04	-2.741e+04	-5748.14	2459.37
4	88	151	-269.48	-442.60	-269.51	-442.56	2.61	-1067.04	-6967.53	-1158.91	-6875.66	-730.49
4	88	161	-377.15	-563.83	-561.39	-379.59	-21.22	-7204.30	-3.530e+04	-3.524e+04	-7264.98	1304.30
4	88	163	-222.04	-441.59	-410.58	-253.06	76.47	1304.50	-1734.17	-1730.40	1300.73	-107.05
4	88	166	-220.73	-513.01	-496.30	-237.44	67.86	-5362.06	-2.619e+04	-2.617e+04	-5383.39	-666.09
4	88	171	-322.72	-432.82	-323.40	-432.14	8.62	428.38	-3569.81	-137.45	-3003.98	1393.61
4	88	174	-381.74	-573.90	-573.73	-381.92	-5.77	-7638.97	-3.713e+04	-3.713e+04	-7640.07	180.03
4	88	187	-363.51	-573.06	-572.40	-364.18	11.76	-7372.58	-3.554e+04	-3.551e+04	-7406.09	-970.97
4	88	196	-315.30	-393.13	-319.64	-388.79	-17.86	-192.19	-3133.25	-3059.49	-265.95	-459.90
4	88	199	-370.72	-414.95	-412.63	-373.04	-9.86	-4559.82	-8181.97	-4559.93	-8181.87	19.39
4	88	213	-401.22	-552.93	-404.79	-549.36	23.00	-7709.75	-3.890e+04	-7709.77	-3.890e+04	-22.39
4	88	215	63.65	-379.27	-345.45	29.83	117.62	-2424.01	-1.205e+04	-1.084e+04	-3630.90	3187.00
4	88	216	-320.15	-391.08	-357.12	-354.11	35.43	306.64	-4422.98	216.65	-4332.99	646.17
4	88	226	-417.72	-552.31	-417.74	-552.29	-1.63	-7772.26	-3.943e+04	-7772.69	-3.943e+04	117.06
4	88	227	-272.73	-486.34	-273.19	-485.89	9.84	-1172.18	-5803.37	-1230.34	-5745.22	515.70
4	88	228	-351.16	-542.65	-373.31	-520.50	61.25	-6598.32	-3.301e+04	-6753.71	-3.286e+04	-2020.04
4	88	230	-140.49	-440.40	-273.17	-307.72	148.96	-5641.32	-1.062e+04	-8516.37	-7748.58	-2461.40
4	88	231	-167.63	-386.02	-295.72	-257.94	-107.55	-8339.09	-1.195e+04	-9953.19	-1.034e+04	1797.33
4	88	254	-299.53	-458.97	-302.09	-456.40	20.06	-1108.24	-6508.07	-1157.94	-6458.36	515.67
4	88	256	-300.41	-432.19	-306.24	-426.36	27.09	981.39	27.10	762.18	246.30	401.41
4	88	261	-292.65	-546.87	-318.52	-521.00	76.87	-5600.93	-2.835e+04	-5879.36	-2.807e+04	-2501.09
4	88	266	-371.72	-590.27	-395.00	-566.99	67.41	-7271.96	-3.584e+04	-7348.94	-3.576e+04	-1480.94
4	88	271	-380.45	-584.01	-399.98	-564.49	59.94	-7614.72	-3.784e+04	-7628.89	-3.782e+04	-654.39
4	88	276	-385.82	-560.68	-396.90	-549.60	42.59	-7663.61	-3.853e+04	-7665.84	-3.853e+04	-262.19
4	88	282	-182.45	-492.95	-459.63	-215.76	-96.09	-258.72	-9602.79	-8965.93	-895.58	2354.85
4	88	283	-329.47	-524.56	-329.64	-524.38	-5.77	-2314.04	-1.145e+04	-2314.07	-1.145e+04	15.17
4	88	292	-265.78	-420.55	-265.88	-420.45	3.95	2725.40	303.29	582.39	2446.29	-773.39
4	88	295	-288.79	-518.51	-292.15	-515.15	27.59	-2667.34	-1.261e+04	-2668.40	-1.261e+04	102.61
4	88	301	-31.65	-341.90	-35.19	-338.36	32.97	888.00	-1.320e+04	-3502.52	-8807.42	-6524.41
4	88	311	-126.15	-433.00	-366.42	-192.73	126.48	-2022.96	-7197.57	-3757.35	-5463.18	-2442.68
4	88	313	-428.00	-586.75	-456.29	-558.46	-60.76	-7631.16	-3.870e+04	-7675.67	-3.865e+04	1174.95
4	88	318	-302.15	-476.76	-302.18	-476.72	-2.55	-897.80	-6112.45	-987.23	-6023.02	-677.01
4	88	321	-212.97	-387.23	-225.66	-374.54	-45.28	-715.82	-1.442e+04	-3220.32	-1.192e+04	5297.10
4	88	324	-308.30	-403.11	-312.43	-398.99	-19.34	4926.60	1697.26	2395.84	4228.02	1329.64
4	88	327	-252.53	-430.82	-429.50	-253.86	15.32	-3760.40	-1.877e+04	-1.870e+04	-3824.52	-978.78
4	88	333	-293.30	-485.45	-293.94	-484.82	11.05	-1135.17	-5655.64	-1144.05	-5646.76	-200.22
4	88	339	-396.90	-577.88	-407.01	-567.76	41.57	-7481.39	-3.669e+04	-7513.01	-3.665e+04	-960.47
4	88	345	-272.65	-426.20	-273.22	-425.62	-9.34	2906.34	801.55	1524.98	2182.91	-999.66
4	88	348	-358.82	-464.43	-461.84	-361.40	16.33	191.19	-1023.58	-287.83	-544.56	593.67
4	88	355	-268.31	-444.76	-274.86	-438.21	33.35	-788.57	-7894.15	-1170.51	-7512.20	-1602.52
4	88	358	-367.97	-597.53	-450.59	-514.91	-110.18	-5180.24	-2.818e+04	-5634.32	-2.773e+04	3199.95
4	88	359	-314.26	-378.25	-326.25	-366.26	24.97	1097.20	651.45	844.33	904.32	-220.85
4	88	363	-260.84	-399.99	-263.25	-397.59	18.15	2165.37	363.75	477.15	2051.96	437.55
4	88	365	-316.07	-511.36	-317.41	-510.03	16.10	-2617.99	-1.282e+04	-2618.52	-1.281e+04	73.83
4	88	376	-233.54	-505.52	-233.77	-505.29	7.90	-2237.79	-6270.06	-2353.08	-6154.77	-672.01
4	88	396	-298.44	-547.30	-545.05	-300.69	23.56	-5944.96	-3.026e+04	-3.010e+04	-6100.45	-1938.16
4	88	399	-299.73	-505.99	-302.99	-502.73	-25.74	-1941.11	-9890.22	-1947.79	-9883.54	-230.35
4	88	408	-311.89	-484.09	-339.49	-456.49	63.18	-5191.45	-2.771e+04	-5451.87	-2.745e+04	-2407.60
4	88	416	-327.71	-532.06	-327.81	-531.97	-4.48	-5885.38	-2.923e+04	-6020.83	-2.910e+04	1773.14
4	88	422	-405.82	-577.79	-408.59	-575.02	21.65	-7453.45	-3.600e+04	-7457.32	-3.599e+04	332.41
4	88	429	-363.46	-451.78	-385.03	-430.21	37.95	-4191.12	-2.096e+04	-4200.19	-2.095e+04	-389.85
4	88	432	-207.80	-377.89	-208.55	-377.14	11.25	-2676.76	-1.214e+04	-2999.90	-1.182e+04	-1718.75
4	88	446	-333.77	-468.07	-356.92	-444.92	50.72	-3811.56	-1.913e+04	-3861.99	-1.908e+04	-877.51
4	88	454	-357.29	-449.16	-373.94	-432.51	35.39	-4357.53	-2.174e+04	-4357.62	-2.174e+04	-39.54
4	88	457	-369.70	-442.52	-379.06	-433.16	24.38	-4432.82	-2.170e+04	-4433.34	-2.170e+04	-94.81
4	88	460	-315.55	-438.58	-347.20	-406.94	53.78	-4263.65	-2.104e+04	-4273.93	-2.103e+04	-415.06
4	88	480	-284.20	-522.43	-284.29	-522.35	4.50	-1451.67	-2233.83	-2064.47	-1621.03	322.16
4	88	485	-340.38	-382.74	-345.63	-377.48	13.96	1805.25	98.14	1551.48	351.91	-607.30
4	88	486	-283.59	-367.33	-357.78	-293.13	-26.61	3738.14	2359.38	2925.57	3171.94	678.28
4	88	492	-351.16	-392.42	-385.25	-358.32	15.63	3331.01	577.60	590.68	3317.93	-189.36
4	88	529	-233.53	-426.02	-352.75	-306.80	-93.46	4052.50	465.27	2254.95	2262.81	1793.61
4	88	530	-271.27	-423.23	-408.16	-286.34	-45.41	4370.78	1986.59	4069.30	2288.07	792.40
4	88	531	-281.95	-423.81	-423.69	-282.07	-4.15	4754.97	1817.39	4737.71	1834.65	224.49
4	88	532	-284.84	-413.98	-403.13	-295.68	35.82	4215.75	2259.66	4182.65	2292.76	-252.29
4	88	533	-229.76	-428.52	-316.53	-341.75	98.57	4210.03	443.97	2285.70	2368.29	-1882.58
4	88	534	-274.82	-420.95	-284.21	-411.57	35.83	4566.00	2633.28	2642.48	4556.79	-133.08

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	88	535	-277.11	-427.70	-277.13	-427.68	1.69	5590.71	1753.86	1869.76	5474.81	656.71
4	88	536	-356.04	-366.69	-357.52	-365.21	-3.68	5583.61	1919.45	4381.86	3121.21	1720.24
4	88	537	-331.24	-398.04	-396.75	-332.53	-9.17	6218.25	569.21	6215.21	572.24	130.91
4	88	538	-349.17	-377.47	-364.35	-362.29	-14.11	5216.58	2137.04	4183.74	3169.88	-1453.93
4	88	539	-294.82	-411.48	-317.34	-388.96	-46.05	4221.38	2841.33	2842.56	4220.15	41.19
4	88	540	-303.21	-421.51	-306.85	-417.87	-20.43	5308.54	1380.10	1471.14	5217.50	-591.08
4	88	541	-322.19	-400.75	-323.32	-399.62	-9.36	5056.31	150.23	727.80	4478.74	-1581.15
4	88	542	-301.99	-439.96	-302.26	-439.69	6.11	5770.40	725.89	734.16	5762.13	-204.06
4	88	543	-297.79	-425.64	-301.29	-422.13	20.87	3653.52	-194.13	-193.91	3653.30	-29.07
4	88	544	-294.77	-460.96	-295.99	-459.74	14.17	5946.87	975.76	975.77	5946.86	-7.34
4	88	545	-278.64	-466.08	-282.83	-461.90	27.68	3852.76	549.13	569.37	3832.52	-257.79
4	88	546	-290.25	-477.70	-290.52	-477.43	7.06	6206.73	1076.53	1080.95	6202.31	150.51
4	88	547	-266.49	-492.17	-266.83	-491.84	8.69	4652.72	495.42	500.34	4647.81	-142.84
4	88	548	-296.93	-469.57	-297.65	-468.84	11.20	6301.78	1424.81	1424.97	6301.62	27.91
4	88	549	-291.98	-460.85	-297.09	-455.74	28.92	6239.15	1413.07	1422.61	6229.61	-214.34
4	88	550	-293.94	-454.55	-294.55	-453.93	9.94	5178.75	1391.53	1391.64	5178.63	-21.13
4	88	551	-290.60	-445.48	-296.35	-439.73	29.28	5073.08	1270.47	1270.50	5073.06	9.42
4	88	576	-378.49	-419.71	-408.70	-389.49	18.23	198.53	-991.18	-26.69	-765.96	-466.07
4	88	577	-347.37	-430.96	-357.50	-420.83	27.28	339.43	-258.71	298.79	-218.08	-150.52
4	88	578	-284.86	-481.16	-285.48	-480.54	-11.03	4824.35	976.74	982.90	4818.19	153.84
4	88	579	-293.76	-478.40	-293.79	-478.37	2.38	6300.99	1242.36	1247.04	6296.30	153.90
4	88	580	-338.45	-532.17	-338.89	-531.73	-9.29	-2617.32	-1.259e+04	-2621.58	-1.258e+04	206.15
4	88	581	-429.77	-561.95	-432.83	-558.89	-19.88	-7867.92	-3.998e+04	-7870.89	-3.998e+04	308.93
4	88	586	-311.28	-452.31	-314.62	-448.96	-21.47	1568.41	74.93	1359.71	283.63	517.82
4	88	587	-375.27	-402.53	-375.28	-402.52	-0.61	2961.66	1714.36	1715.98	2960.04	44.99
4	88	592	-334.00	-424.49	-334.00	-424.49	6.35e-02	-65.34	-335.83	-120.96	-280.21	109.32
4	88	593	-299.01	-431.85	-308.64	-422.22	34.44	161.79	-205.90	8.10	-52.21	-181.36
4	88	594	-279.40	-392.92	-280.72	-391.59	-12.20	1441.65	-7.55	927.65	506.45	693.32
4	88	595	-303.01	-395.91	-395.84	-303.08	2.67	239.03	-885.76	-238.62	-408.10	-555.97
4	88	596	-254.13	-383.41	-377.28	-260.26	-27.49	1564.50	109.65	332.06	1342.09	523.55
4	88	597	-182.81	-382.94	-285.94	-279.82	-100.02	2531.05	-2006.97	264.09	259.99	2269.01
4	117	1	428.75	-102.21	167.35	159.19	-265.45	5296.39	-3238.14	1035.76	1022.49	4267.26
4	117	2	311.65	-122.04	88.77	100.84	216.76	2351.41	-1968.92	176.66	205.83	-2160.11
4	117	3	424.17	-112.58	149.03	162.55	268.29	6120.31	-3877.50	1038.12	1204.70	-4998.21
4	117	4	373.60	-95.48	112.16	165.96	-232.99	4218.67	-3021.86	345.34	851.48	3611.41
4	117	5	-226.24	-331.30	-245.61	-311.93	40.74	-860.90	-5662.02	-883.15	-5639.76	326.09
4	117	6	-90.64	-391.11	-379.26	-102.50	58.49	-3923.23	-1.839e+04	-1.838e+04	-3928.95	-287.46
4	117	8	-224.23	-341.45	-244.88	-320.81	44.65	5107.56	1970.05	1971.97	5105.64	-77.59
4	117	11	-228.44	-329.08	-244.89	-312.63	37.21	3698.98	1420.66	1488.39	3631.26	386.92
4	117	12	-179.28	-330.83	-259.76	-250.35	75.63	3875.59	2306.85	2358.72	3823.72	-280.51
4	117	13	-213.68	-312.94	-267.58	-259.05	49.45	3489.94	844.31	1767.24	2567.01	1260.92
4	117	17	-228.70	-317.67	-232.55	-313.81	-18.12	3525.07	-266.08	482.53	2776.46	1509.20
4	117	18	-307.47	-422.30	-310.95	-418.83	-19.67	-1719.07	-8506.69	-1728.89	-8496.88	257.95
4	117	19	-194.04	-348.67	-194.05	-348.67	0.97	-1628.97	-7148.42	-1629.65	-7147.74	-61.35
4	117	23	-28.57	-269.16	-268.67	-29.06	-10.84	-134.20	-1.038e+04	-7735.34	-2779.94	4484.49
4	117	25	-299.19	-405.38	-302.18	-402.40	17.54	-1767.12	-8929.45	-1767.68	-8928.89	63.47
4	117	31	-158.87	-329.28	-320.84	-167.32	36.98	-701.09	-6817.68	-6499.74	-1019.03	-1357.81
4	117	42	-173.65	-392.90	-392.90	-173.65	-0.86	-1704.61	-8213.45	-8155.55	-1762.51	-611.14
4	117	45	-5.09	-250.18	-5.16	-250.11	-3.94	-400.62	-1.038e+04	-2841.10	-7941.17	4289.83
4	117	46	-308.45	-411.78	-308.53	-411.70	-2.83	-1735.18	-8855.67	-1740.87	-8849.98	201.13
4	117	52	-178.70	-351.37	-203.75	-326.32	-60.81	-706.92	-7692.81	-1034.53	-7365.20	1476.91
4	117	63	-355.95	-490.22	-424.88	-421.29	-67.11	-5124.10	-2.631e+04	-5214.73	-2.622e+04	1382.60
4	117	64	-205.99	-334.71	-209.89	-330.81	-22.05	1833.52	128.48	131.45	1830.55	-71.07
4	117	65	-242.26	-388.18	-244.26	-386.18	-16.98	-1687.85	-8820.35	-1737.04	-8771.16	590.25
4	117	70	21.77	-250.06	-250.05	21.76	-1.70	359.99	-9887.54	-6750.80	-2776.75	-4722.78
4	117	71	-169.10	-418.08	-414.70	-172.47	-28.80	-1960.62	-8513.70	-8513.69	-1960.62	5.47
4	117	77	-162.48	-417.58	-408.47	-171.59	-47.33	-1745.85	-8340.47	-8272.97	-1813.35	663.75
4	117	89	-205.92	-321.23	-225.50	-301.65	43.30	-3143.38	-1.734e+04	-3182.71	-1.730e+04	-746.18
4	117	97	-76.64	-273.36	-273.26	-76.74	-4.41	-2075.96	-8576.80	-8286.93	-2365.83	-1341.78
4	117	98	-124.35	-361.30	-346.20	-139.44	57.87	-3609.87	-1.660e+04	-1.658e+04	-3625.98	-457.16
4	117	99	-205.20	-333.18	-311.96	-226.42	47.60	381.67	-1676.92	-50.52	-1244.73	838.40
4	117	109	-135.80	-360.68	-149.41	-347.07	53.63	-82.47	-5883.81	-668.17	-5298.12	-1747.80
4	117	116	-140.41	-414.56	-142.69	-412.27	24.91	-1457.04	-6306.94	-1568.29	-6195.69	-726.07
4	117	125	-144.41	-414.83	-144.43	-414.80	-2.73	-1499.95	-5757.36	-1500.94	-5756.36	-64.96
4	117	127	-194.27	-338.06	-196.43	-335.89	-17.50	4053.73	805.57	1034.08	3825.22	830.67
4	117	128	-397.16	-463.45	-421.32	-439.28	-31.91	-5918.22	-3.030e+04	-5926.40	-3.030e+04	446.47
4	117	140	-240.54	-322.12	-240.84	-321.82	-4.89	917.55	-2363.00	-2317.58	872.14	383.31
4	117	148	-217.55	-406.39	-398.41	-225.53	-37.98	-4180.17	-2.105e+04	-2.084e+04	-4390.79	1872.94
4	117	151	-181.62	-370.63	-183.76	-368.50	19.97	-1176.20	-6609.28	-1200.18	-6585.29	-360.19
4	117	161	-271.23	-436.87	-432.84	-275.26	-25.53	-5513.98	-2.693e+04	-2.689e+04	-5557.02	959.07
4	117	163	-137.93	-350.02	-317.77	-170.18	76.15	968.45	-1418.81	-1409.28	958.92	150.53
4	117	166	-124.64	-395.18	-381.30	-138.51	59.67	-4210.68	-2.028e+04	-2.027e+04	-4217.30	-326.22
4	117	171	-223.49	-345.84	-228.41	-340.92	24.03	363.51	-2445.17	-23.45	-2058.21	968.05

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	117	174	-276.50	-442.92	-442.13	-277.28	-11.40	-5861.14	-2.846e+04	-2.846e+04	-5861.43	80.66
4	117	187	-265.82	-441.13	-441.00	-265.95	4.84	-5668.37	-2.737e+04	-2.734e+04	-5697.86	-799.51
4	117	196	-218.87	-328.39	-219.62	-327.63	-9.07	-511.09	-2265.04	-2200.94	-575.19	-329.12
4	117	199	-287.20	-331.85	-326.72	-292.33	-14.24	-3854.41	-7039.47	-3855.58	-7038.30	61.09
4	117	213	-372.13	-433.05	-379.86	-425.32	20.28	-5717.37	-2.925e+04	-5717.43	-2.925e+04	36.01
4	117	215	69.69	-294.28	-264.89	40.30	99.17	-1802.70	-9404.82	-8436.47	-2771.05	2534.52
4	117	216	-216.54	-321.91	-279.03	-259.41	51.76	254.65	-3643.65	106.50	-3495.49	745.38
4	117	226	-391.94	-428.61	-391.96	-428.60	0.70	-5758.38	-2.963e+04	-5758.87	-2.963e+04	107.94
4	117	227	-170.66	-385.24	-171.41	-384.50	12.62	-1068.84	-4334.01	-1104.82	-4298.03	340.85
4	117	228	-231.50	-422.95	-248.13	-406.33	53.91	-5114.62	-2.536e+04	-5240.47	-2.523e+04	-1591.25
4	117	230	-112.75	-304.61	-201.04	-216.32	95.63	-4609.35	-8107.87	-6558.00	-6159.22	-1737.86
4	117	231	-128.16	-310.74	-227.58	-211.32	-90.92	-6578.93	-9263.79	-7851.43	-7991.29	1340.61
4	117	254	-227.61	-367.59	-228.99	-366.20	13.85	-1040.42	-5947.85	-1078.92	-5909.34	433.00
4	117	256	-215.49	-346.00	-225.03	-336.46	33.97	421.30	-781.34	386.72	-746.76	200.97
4	117	261	-261.03	-418.59	-277.47	-402.15	48.17	-4272.53	-2.164e+04	-4459.29	-2.145e+04	-1791.19
4	117	266	-333.33	-454.93	-353.15	-435.11	44.91	-5492.51	-2.727e+04	-5541.96	-2.722e+04	-1036.69
4	117	271	-345.71	-455.17	-366.76	-434.12	43.14	-5714.03	-2.869e+04	-5721.58	-2.868e+04	-416.30
4	117	276	-354.27	-439.40	-369.98	-423.69	33.03	-5705.16	-2.903e+04	-5705.99	-2.903e+04	-139.23
4	117	282	-138.16	-394.10	-360.18	-172.07	-86.78	-279.06	-7381.15	-6969.00	-691.21	1660.48
4	117	283	-302.44	-407.56	-303.05	-406.95	-7.99	-1548.10	-8134.77	-1549.96	-8132.91	110.76
4	117	292	-184.21	-327.01	-185.59	-325.63	13.97	2341.56	225.29	454.18	2112.67	-657.27
4	117	295	-264.10	-397.44	-267.83	-393.71	21.98	-1836.06	-9021.35	-1836.34	-9021.08	44.76
4	117	301	-42.03	-277.86	-43.48	-276.41	18.44	721.11	-1.007e+04	-2679.56	-6673.31	-5014.57
4	117	311	-92.01	-347.58	-286.89	-152.70	108.76	-1596.32	-5488.75	-2958.63	-4126.44	-1856.56
4	117	313	-381.48	-474.17	-422.99	-432.66	-46.09	-5714.70	-2.937e+04	-5746.54	-2.934e+04	867.19
4	117	318	-200.03	-404.78	-201.29	-403.52	-16.04	-1037.94	-6199.60	-1157.40	-6080.14	-776.11
4	117	321	-196.64	-309.79	-204.12	-302.31	-28.11	-448.39	-1.098e+04	-2389.80	-9034.94	4082.89
4	117	324	-216.49	-321.49	-216.64	-321.34	3.94	3737.99	1209.84	1833.72	3114.11	1089.97
4	117	327	-152.92	-332.33	-324.75	-160.50	36.09	-3014.08	-1.438e+04	-1.434e+04	-3049.65	-634.73
4	117	333	-213.94	-409.10	-213.94	-409.10	0.63	-1093.11	-5471.24	-1113.15	-5451.20	-295.55
4	117	339	-257.57	-444.23	-261.68	-440.12	27.39	-5796.22	-2.811e+04	-5818.24	-2.808e+04	-700.53
4	117	345	-184.97	-350.88	-185.89	-349.96	12.35	1495.02	584.79	977.12	1102.69	-450.77
4	117	348	-257.22	-350.44	-347.39	-260.27	16.58	734.03	-283.66	483.79	-33.41	438.23
4	117	355	-222.99	-347.46	-234.70	-335.74	36.35	-473.00	-5835.04	-780.90	-5527.13	-1247.48
4	117	358	-321.07	-473.40	-396.23	-398.24	-76.16	-3925.05	-2.157e+04	-4252.22	-2.125e+04	2380.46
4	117	359	-211.94	-314.23	-248.53	-277.64	49.03	536.07	-242.43	467.90	-174.26	-220.06
4	117	363	-172.89	-311.64	-185.77	-298.76	40.27	1825.41	258.99	323.07	1761.33	310.27
4	117	365	-288.54	-396.67	-291.34	-393.87	17.17	-1757.93	-8991.20	-1757.98	-8991.15	17.93
4	117	376	-136.70	-459.41	-136.92	-459.20	8.28	-2473.55	-6598.31	-2537.59	-6534.27	-509.95
4	117	396	-220.03	-420.50	-419.17	-221.35	16.24	-4600.93	-2.342e+04	-2.330e+04	-4725.14	-1524.02
4	117	399	-271.30	-390.07	-274.13	-387.25	-18.10	-1283.97	-7167.20	-1286.23	-7164.94	-115.19
4	117	408	-214.47	-384.53	-244.22	-354.78	64.61	-3927.07	-2.134e+04	-4155.40	-2.111e+04	-1980.62
4	117	416	-208.97	-410.73	-211.49	-408.21	-22.38	-4549.44	-2.239e+04	-4673.35	-2.226e+04	1481.52
4	117	422	-262.28	-445.64	-262.35	-445.58	3.41	-5762.86	-2.755e+04	-5767.78	-2.755e+04	327.48
4	117	429	-234.44	-349.05	-258.00	-325.49	46.31	-3342.14	-1.642e+04	-3346.82	-1.642e+04	-247.52
4	117	432	-137.84	-283.21	-141.31	-279.75	22.17	-2056.28	-9438.14	-2421.92	-9072.50	-1601.69
4	117	446	-215.83	-358.75	-242.84	-331.74	55.95	-3088.78	-1.500e+04	-3129.98	-1.496e+04	-699.43
4	117	454	-248.01	-344.67	-263.64	-329.05	35.58	-3505.78	-1.722e+04	-3506.11	-1.721e+04	66.99
4	117	457	-243.21	-341.60	-255.05	-329.76	32.01	-3542.05	-1.708e+04	-3542.24	-1.708e+04	-50.14
4	117	460	-237.31	-335.98	-261.13	-312.16	42.22	-3303.82	-1.638e+04	-3303.93	-1.638e+04	37.57
4	117	480	-192.74	-429.48	-193.13	-429.09	9.64	-1987.75	-2390.23	-2082.98	-2295.01	171.05
4	117	485	-224.78	-318.94	-266.40	-277.32	46.76	908.77	-841.53	702.78	-635.55	-564.00
4	117	486	-199.98	-267.48	-266.27	-201.19	8.97	2830.57	1848.83	2164.13	2515.27	458.40
4	117	492	-262.25	-290.60	-280.18	-272.67	13.67	2880.56	473.29	484.48	2869.37	-163.75
4	117	529	-166.69	-350.59	-283.82	-233.47	-88.44	2939.82	665.81	1728.83	1876.80	1134.59
4	117	530	-189.23	-351.33	-323.23	-217.32	-61.36	3221.25	1715.10	3157.28	1779.07	303.73
4	117	531	-201.93	-340.93	-330.98	-211.88	-35.84	3666.20	1290.90	3663.79	1293.31	-75.59
4	117	532	-221.49	-308.36	-307.78	-222.07	-7.08	3135.10	1377.35	3089.99	1422.45	-277.95
4	117	533	-197.03	-292.77	-229.79	-260.00	45.43	2729.62	213.98	1544.51	1399.09	-1255.72
4	117	534	-196.80	-323.28	-197.31	-322.77	8.01	2916.81	1640.19	1641.11	2915.89	34.39
4	117	535	-187.04	-339.89	-187.61	-339.32	-9.30	3793.01	983.12	1121.07	3655.06	607.12
4	117	536	-251.73	-301.74	-269.45	-284.03	-23.92	3943.46	839.72	3006.91	1776.27	1424.66
4	117	537	-247.44	-323.45	-314.21	-256.68	-24.84	4665.99	24.48	4665.90	24.56	20.31
4	117	538	-261.95	-309.23	-292.59	-278.60	-22.58	4319.90	1351.92	3278.45	2393.37	-1416.47
4	117	539	-235.77	-323.50	-262.57	-296.69	-40.41	3634.86	2337.58	2370.13	3602.31	-202.89
4	117	540	-254.66	-323.80	-257.27	-321.20	-13.16	4627.67	1171.81	1303.63	4495.85	-661.95
4	117	541	-259.59	-313.54	-260.80	-312.33	-7.99	3838.99	-107.20	499.15	3232.64	-1423.06
4	117	542	-251.29	-347.36	-253.24	-345.42	13.53	4970.09	681.42	705.18	4946.33	-318.32
4	117	543	-234.07	-345.53	-240.15	-339.46	25.31	2336.75	-239.33	-234.45	2331.87	-112.08
4	117	544	-242.16	-374.85	-245.25	-371.76	20.02	5128.46	823.26	826.48	5125.24	-117.85
4	117	545	-208.51	-392.86	-215.65	-385.72	35.58	2291.13	135.75	194.67	2232.21	-351.46
4	117	546	-238.62	-395.55	-238.93	-395.23	7.04	5457.75	896.83	900.85	5453.73	135.31
4	117	547	-199.00	-442.76	-199.13	-442.64	5.52	2716.66	-88.07	-83.50	2712.09	-113.16

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	117	548	-247.04	-376.90	-247.11	-376.84	-2.88	5439.34	1235.59	1247.90	5427.03	227.15
4	117	549	-246.58	-360.90	-248.11	-359.37	13.15	5418.08	1319.08	1319.81	5417.35	54.53
4	117	550	-227.93	-377.27	-228.70	-376.50	-10.70	3632.41	1040.23	1044.56	3628.08	105.87
4	117	551	-233.64	-355.81	-234.37	-355.09	9.39	3737.42	1011.32	1020.64	3728.09	159.20
4	117	576	-295.10	-309.02	-303.17	-300.95	6.87	-80.78	-968.48	-228.98	-820.28	-331.05
4	117	577	-248.74	-324.35	-256.16	-316.94	22.49	-87.51	-772.76	-113.72	-746.55	-131.43
4	117	578	-210.42	-413.73	-213.87	-410.27	-26.28	3020.96	432.56	463.50	2990.02	281.32
4	117	579	-241.43	-392.16	-241.62	-391.97	-5.43	5480.26	1032.63	1048.89	5464.00	268.38
4	117	580	-311.22	-418.42	-311.90	-417.74	-8.52	-1737.34	-8737.03	-1745.30	-8729.07	235.89
4	117	581	-400.46	-440.38	-406.48	-434.36	-14.29	-5842.90	-3.012e+04	-5844.93	-3.012e+04	221.96
4	117	586	-209.02	-372.35	-212.61	-368.76	-23.94	954.27	-389.15	912.33	-347.21	233.64
4	117	587	-266.84	-320.87	-269.58	-318.14	-11.84	2337.86	1119.57	1121.89	2335.54	-53.13
4	117	592	-233.79	-326.23	-234.90	-325.13	10.06	-182.37	-844.91	-215.19	-812.09	143.76
4	117	593	-197.72	-337.31	-215.46	-319.57	46.50	-154.08	-705.64	-182.09	-677.62	-121.10
4	117	594	-197.49	-285.49	-199.32	-283.65	12.58	633.65	-790.29	251.75	-408.39	630.84
4	117	595	-178.86	-315.66	-306.96	-187.56	33.38	-126.86	-746.61	-320.00	-553.48	-287.04
4	117	596	-172.31	-283.67	-283.37	-172.61	5.78	728.23	-622.94	-478.98	584.27	416.89
4	117	597	-147.56	-262.39	-209.74	-200.22	-57.22	1263.62	-2160.83	-412.30	-484.91	1711.84
4	118	1	404.55	-99.56	153.41	151.58	-252.05	5533.81	-3311.51	1073.15	1149.16	4422.50
4	118	2	266.04	-114.01	69.38	82.66	189.91	2065.16	-1394.59	317.19	353.38	-1729.78
4	118	3	437.52	-113.25	159.19	165.08	275.37	5883.48	-3772.01	1024.62	1086.85	-4827.64
4	118	4	381.00	-100.32	126.21	154.47	-240.24	3950.78	-2986.04	309.82	654.92	3464.11
4	118	5	-245.71	-315.26	-248.87	-312.10	14.47	-592.60	-4377.40	-610.06	-4359.93	256.54
4	118	6	-182.46	-363.54	-356.82	-189.18	34.24	-3892.47	-1.867e+04	-1.865e+04	-3917.84	-611.82
4	118	8	-201.98	-337.84	-218.03	-321.79	43.85	4112.95	1386.68	1456.57	4043.06	-430.88
4	118	11	-221.72	-321.99	-234.51	-309.20	33.45	3490.25	1267.17	1268.47	3488.96	-53.63
4	118	12	-191.31	-301.16	-234.73	-257.74	53.71	3567.95	1766.93	2101.34	3233.54	-700.32
4	118	13	-230.03	-293.75	-251.83	-271.96	30.23	2577.60	1224.30	1537.99	2263.91	571.07
4	118	17	-246.21	-301.15	-246.21	-301.15	-0.17	4370.49	765.94	1202.81	3933.62	1176.38
4	118	18	-224.41	-410.62	-225.10	-409.94	-11.29	-2144.86	-9869.16	-2146.95	-9867.07	127.01
4	118	19	-194.55	-324.44	-195.09	-323.90	-8.36	-1030.28	-5143.12	-1043.10	-5130.30	-229.24
4	118	23	-37.62	-261.76	-261.73	-37.65	2.64	-125.38	-1.069e+04	-8037.84	-2778.74	4581.98
4	118	25	-210.56	-394.82	-211.38	-393.99	12.31	-2239.93	-1.059e+04	-2241.23	-1.059e+04	104.20
4	118	31	-165.35	-364.68	-331.34	-198.69	74.39	-583.64	-7252.44	-6937.87	-898.21	-1413.80
4	118	42	-182.44	-403.30	-394.05	-191.70	44.25	-1726.75	-8663.35	-8637.42	-1752.68	-423.29
4	118	45	-41.18	-284.57	-42.82	-282.93	19.91	-418.34	-1.012e+04	-2752.79	-7783.36	4146.47
4	118	46	-218.61	-397.89	-218.74	-397.76	-4.77	-2211.29	-1.052e+04	-2213.43	-1.052e+04	133.48
4	118	52	-162.12	-334.66	-168.88	-327.90	-33.47	-852.72	-8005.47	-1135.61	-7722.58	1394.06
4	118	63	-283.05	-461.70	-326.32	-418.42	-76.54	-5277.38	-2.663e+04	-5381.63	-2.652e+04	1488.29
4	118	64	-226.01	-315.16	-234.03	-307.14	-25.51	3024.80	694.70	727.60	2991.90	-274.90
4	118	65	-175.25	-392.36	-175.27	-392.34	-2.46	-2065.25	-9668.45	-2117.61	-9616.09	628.78
4	118	70	19.39	-259.99	-259.92	19.32	4.54	362.55	-9549.74	-6423.09	-2764.10	-4606.12
4	118	71	-180.43	-410.84	-409.66	-181.61	16.43	-1992.37	-8842.45	-8830.35	-2004.47	287.66
4	118	77	-168.34	-399.75	-399.54	-168.55	-6.82	-1779.34	-8496.53	-8360.18	-1915.69	947.28
4	118	89	-251.67	-337.99	-255.77	-333.89	18.36	-3324.67	-1.781e+04	-3388.49	-1.775e+04	-959.44
4	118	97	-101.52	-296.77	-288.88	-109.41	-38.47	-1927.84	-8234.92	-8033.37	-2129.39	-1109.30
4	118	98	-220.12	-344.02	-342.27	-221.87	14.63	-3550.84	-1.709e+04	-1.703e+04	-3616.60	-941.35
4	118	99	-284.96	-305.51	-299.84	-290.63	9.18	-183.96	-1376.52	-236.14	-1324.35	243.92
4	118	109	-148.64	-382.68	-187.49	-343.83	87.08	258.67	-5974.13	-529.03	-5186.43	-2071.02
4	118	116	-202.22	-408.53	-211.88	-398.87	43.58	-1132.05	-6280.28	-1303.49	-6108.84	-923.70
4	118	125	-223.95	-398.27	-223.95	-398.27	-0.47	-1277.31	-5716.18	-1282.24	-5711.25	-147.95
4	118	127	-231.10	-322.58	-243.13	-310.55	-30.91	4353.67	1323.78	1493.22	4184.23	696.18
4	118	128	-290.37	-440.62	-297.59	-433.41	-32.13	-6234.31	-3.124e+04	-6245.08	-3.123e+04	518.68
4	118	140	-276.69	-330.34	-284.41	-322.62	-18.83	642.10	-2927.45	-2875.83	590.47	426.16
4	118	148	-235.80	-400.45	-396.87	-239.38	-24.01	-4251.59	-2.151e+04	-2.129e+04	-4464.90	1906.59
4	118	151	-219.07	-326.60	-220.65	-325.02	-12.94	-552.69	-4342.64	-661.43	-4233.89	-632.69
4	118	161	-288.66	-431.71	-430.79	-289.58	-11.44	-5566.79	-2.731e+04	-2.726e+04	-5617.96	1053.69
4	118	163	-191.13	-331.78	-313.90	-209.01	46.84	1005.75	-1277.48	-1252.20	980.47	-238.90
4	118	166	-190.07	-395.13	-381.16	-204.04	51.67	-4092.27	-2.008e+04	-2.005e+04	-4116.77	-625.41
4	118	171	-272.56	-331.57	-277.51	-326.62	-16.36	226.20	-2818.09	-213.00	-2378.89	1069.65
4	118	174	-289.99	-439.99	-439.98	-290.00	1.28	-5897.79	-2.866e+04	-2.866e+04	-5899.29	184.56
4	118	187	-274.35	-440.75	-439.40	-275.69	14.91	-5678.97	-2.730e+04	-2.728e+04	-5702.12	-707.13
4	118	196	-249.64	-294.67	-262.47	-281.84	-20.33	288.38	-2339.32	-2302.36	251.42	-309.43
4	118	199	-281.29	-304.53	-304.27	-281.55	-2.45	-2904.26	-5274.45	-2904.28	-5274.42	-7.06
4	118	213	-250.61	-422.33	-252.61	-420.33	18.43	-6095.40	-3.045e+04	-6095.44	-3.045e+04	-29.14
4	118	215	40.91	-297.34	-270.07	13.64	92.08	-1877.29	-9136.57	-8222.90	-2790.95	2407.86
4	118	216	-268.05	-286.69	-274.40	-280.34	8.83	269.01	-2964.87	234.57	-2930.43	331.98
4	118	226	-264.22	-421.99	-264.23	-421.98	-1.16	-6141.44	-3.086e+04	-6141.93	-3.086e+04	110.31
4	118	227	-245.06	-365.91	-245.42	-365.55	-6.59	-737.75	-4377.95	-787.35	-4328.35	421.99
4	118	228	-319.12	-406.83	-332.47	-393.48	31.51	-5061.27	-2.554e+04	-5174.36	-2.542e+04	-1517.56
4	118	230	-106.15	-355.32	-212.09	-249.37	123.18	-4462.42	-8340.55	-6784.77	-6018.21	-1900.81
4	118	231	-129.82	-274.86	-221.19	-183.49	-70.03	-6419.11	-9143.47	-7583.74	-7978.84	1347.78
4	118	254	-237.06	-345.40	-238.25	-344.20	11.32	-666.29	-4169.84	-694.87	-4141.27	315.12

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	118	256	-246.03	-326.32	-247.12	-325.23	9.31	1002.15	294.46	749.16	547.45	339.17
4	118	261	-187.03	-425.72	-213.13	-399.62	74.48	-4336.56	-2.189e+04	-4573.93	-2.166e+04	-2027.60
4	118	266	-237.55	-456.68	-257.11	-437.13	62.47	-5670.35	-2.775e+04	-5736.66	-2.768e+04	-1208.17
4	118	271	-238.18	-448.77	-252.59	-434.36	53.17	-5971.48	-2.941e+04	-5984.61	-2.939e+04	-554.68
4	118	276	-240.17	-429.46	-247.35	-422.29	36.15	-6045.65	-3.010e+04	-6047.79	-3.010e+04	-226.90
4	118	282	-136.11	-362.52	-347.42	-151.22	-56.50	-197.34	-7298.53	-6778.30	-717.57	1850.32
4	118	283	-224.16	-403.18	-224.18	-403.16	-1.93	-1916.92	-9232.03	-1916.96	-9231.99	-16.04
4	118	292	-219.60	-325.08	-220.91	-323.77	-11.67	2321.68	436.48	580.90	2177.26	-501.40
4	118	295	-180.37	-402.24	-183.83	-398.79	27.48	-2224.76	-1.015e+04	-2227.43	-1.015e+04	145.46
4	118	301	-4.25	-249.46	-9.93	-243.78	36.90	675.51	-1.020e+04	-2732.10	-6794.03	-5045.12
4	118	311	-102.61	-326.38	-278.73	-150.27	91.61	-1536.16	-5542.92	-2813.92	-4265.16	-1867.35
4	118	313	-291.10	-445.30	-308.05	-428.35	-48.23	-5964.15	-3.003e+04	-6002.14	-2.999e+04	955.37
4	118	318	-253.19	-347.81	-253.23	-347.77	1.90	-429.94	-3658.88	-465.21	-3623.62	-335.60
4	118	321	-148.07	-291.38	-162.39	-277.06	-42.98	-570.04	-1.113e+04	-2489.39	-9213.70	4073.11
4	118	324	-235.99	-320.89	-259.82	-297.06	-38.15	3539.29	1177.83	1672.72	3044.40	961.12
4	118	327	-220.72	-337.93	-337.42	-221.23	-7.71	-2699.38	-1.380e+04	-1.374e+04	-2756.84	-796.61
4	118	333	-233.17	-350.53	-233.73	-349.97	8.09	-673.30	-3385.11	-677.07	-3381.34	-101.13
4	118	339	-354.81	-442.04	-364.39	-432.46	27.27	-5732.95	-2.838e+04	-5759.14	-2.835e+04	-769.62
4	118	345	-218.27	-321.20	-223.85	-315.62	-23.31	2663.90	754.68	1259.80	2158.78	-842.16
4	118	348	-286.27	-383.86	-383.77	-286.37	-3.00	15.30	-932.71	-330.20	-587.21	456.26
4	118	355	-200.98	-344.23	-203.40	-341.81	18.46	-676.81	-6207.27	-947.41	-5936.67	-1193.04
4	118	358	-257.72	-461.17	-322.70	-396.19	-94.85	-4007.61	-2.171e+04	-4375.62	-2.134e+04	2525.36
4	118	359	-257.88	-284.94	-257.97	-284.85	-1.59	982.55	621.29	701.91	901.92	-150.42
4	118	363	-216.25	-312.23	-216.94	-311.55	-8.06	1911.57	319.63	410.01	1821.18	368.41
4	118	365	-200.71	-394.01	-201.78	-392.93	14.36	-2214.54	-1.049e+04	-2216.46	-1.048e+04	126.11
4	118	376	-195.15	-354.40	-195.15	-354.39	0.66	-1339.63	-3755.67	-1447.07	-3648.23	-498.03
4	118	396	-224.07	-421.53	-418.75	-226.84	23.24	-4560.64	-2.316e+04	-2.304e+04	-4678.11	-1473.33
4	118	399	-208.65	-391.66	-211.35	-388.97	-22.03	-1616.38	-7882.92	-1621.83	-7877.47	-184.71
4	118	408	-285.59	-355.97	-295.49	-346.07	24.47	-4045.22	-2.151e+04	-4221.40	-2.134e+04	-1745.48
4	118	416	-279.60	-410.01	-280.01	-409.60	7.36	-4504.08	-2.247e+04	-4592.84	-2.238e+04	1259.56
4	118	422	-352.87	-444.29	-358.26	-438.90	21.53	-5707.26	-2.776e+04	-5709.01	-2.776e+04	196.51
4	118	429	-323.63	-338.58	-328.66	-333.55	7.06	-3027.23	-1.535e+04	-3035.38	-1.534e+04	-316.77
4	118	432	-175.54	-297.54	-176.18	-296.90	-8.81	-1929.48	-8779.02	-2156.41	-8552.09	-1225.90
4	118	446	-296.46	-356.36	-302.39	-350.43	17.89	-2677.52	-1.380e+04	-2717.85	-1.376e+04	-668.41
4	118	454	-312.29	-340.32	-318.46	-334.15	11.61	-3179.57	-1.606e+04	-3180.39	-1.606e+04	-102.76
4	118	457	-326.18	-334.61	-326.25	-334.53	-0.81	-3228.91	-1.600e+04	-3229.75	-1.600e+04	-103.23
4	118	460	-268.45	-332.97	-291.10	-310.32	30.79	-3193.11	-1.596e+04	-3217.74	-1.593e+04	-560.15
4	118	480	-233.47	-390.02	-233.57	-389.92	-4.00	-598.55	-1458.36	-1297.38	-759.53	335.40
4	118	485	-263.89	-302.69	-268.53	-298.06	-12.58	1468.53	213.70	1308.11	374.12	-419.00
4	118	486	-215.86	-312.44	-287.66	-240.64	-42.18	3229.98	2087.99	2523.81	2794.16	554.76
4	118	492	-277.05	-315.76	-315.63	-277.18	2.23	2796.42	705.37	711.38	2790.41	-111.90
4	118	529	-195.36	-298.07	-259.07	-234.37	-49.85	2995.23	-88.98	1481.49	1424.76	1541.84
4	118	530	-216.44	-305.12	-304.40	-217.15	-7.94	3191.07	1093.85	2717.83	1567.08	876.66
4	118	531	-209.36	-324.70	-319.08	-214.98	24.83	3212.46	1287.99	3143.11	1357.34	358.69
4	118	532	-200.16	-336.57	-310.78	-225.96	53.41	2926.57	1827.28	2906.78	1847.07	-146.17
4	118	533	-163.43	-349.29	-252.45	-260.26	92.85	3270.84	272.61	1653.30	1890.15	-1494.43
4	118	534	-220.32	-321.22	-233.34	-308.20	33.83	3603.53	2111.94	2150.06	3565.41	-235.38
4	118	535	-231.76	-318.60	-231.76	-318.60	-0.33	4217.20	1505.12	1563.38	4158.94	393.20
4	118	536	-265.32	-288.22	-277.23	-276.30	11.44	4263.20	1987.82	3475.03	2775.99	1082.67
4	118	537	-250.63	-289.52	-288.00	-252.16	7.56	4739.50	868.43	4732.06	875.87	169.56
4	118	538	-266.97	-277.64	-267.18	-277.44	1.46	3448.47	1923.94	2997.20	2375.20	-695.93
4	118	539	-218.70	-307.07	-225.71	-300.06	-23.88	2748.54	1737.93	1842.51	2643.96	307.81
4	118	540	-214.01	-323.40	-215.07	-322.34	-10.71	3237.91	894.10	913.89	3218.12	-214.46
4	118	541	-234.56	-305.20	-234.99	-304.77	-5.52	3918.60	463.15	746.76	3634.99	-948.45
4	118	542	-212.25	-336.90	-212.32	-336.83	2.93	3700.39	457.13	457.66	3699.87	-41.27
4	118	543	-220.04	-317.70	-220.67	-317.08	7.80	3223.79	77.40	77.71	3223.47	-31.54
4	118	544	-209.97	-344.92	-210.29	-344.60	6.57	3882.66	656.39	656.82	3882.23	37.32
4	118	545	-213.74	-339.44	-214.19	-339.00	7.45	3494.03	616.19	623.50	3486.72	-144.86
4	118	546	-208.22	-351.19	-208.36	-351.06	4.39	3994.08	692.94	695.21	3991.81	86.48
4	118	547	-202.94	-335.42	-202.94	-335.42	0.75	4280.40	669.54	674.85	4275.09	-138.36
4	118	548	-214.45	-354.76	-216.10	-353.12	15.11	4235.10	940.33	944.42	4231.01	-116.00
4	118	549	-211.18	-353.38	-216.38	-348.17	26.71	4220.64	880.54	907.97	4193.21	-301.41
4	118	550	-223.24	-334.40	-224.44	-333.20	11.49	4104.08	1042.57	1046.93	4099.71	-115.48
4	118	551	-219.67	-334.14	-224.66	-329.15	23.37	3952.84	933.38	938.66	3947.56	-126.16
4	118	576	-298.16	-339.46	-338.38	-299.23	6.58	-52.35	-961.04	-203.90	-809.49	-338.74
4	118	577	-298.51	-332.66	-300.23	-330.94	7.47	391.65	-399.43	368.39	-376.18	-133.63
4	118	578	-220.24	-346.97	-220.43	-346.78	-4.90	4176.75	941.20	941.20	4176.75	-1.69
4	118	579	-212.37	-355.39	-212.62	-355.13	6.04	4151.02	828.69	828.70	4151.01	6.66
4	118	580	-223.47	-404.59	-223.59	-404.48	-4.55	-2199.26	-1.031e+04	-2201.43	-1.031e+04	132.84
4	118	581	-278.14	-428.24	-279.67	-426.70	-15.11	-6200.11	-3.122e+04	-6203.44	-3.122e+04	288.61
4	118	586	-257.14	-338.14	-260.65	-334.62	-16.49	1508.93	348.60	1143.33	714.20	539.03
4	118	587	-302.87	-308.81	-307.23	-304.44	-2.62	2214.08	1162.49	1163.49	2213.07	32.47
4	118	592	-274.58	-332.57	-280.40	-326.76	-17.42	-79.36	-434.66	-96.96	-417.06	77.09

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	118	593	-257.54	-327.45	-257.92	-327.08	5.09	56.06	-296.50	10.39	-250.83	-118.39
4	118	594	-222.68	-324.27	-232.33	-314.62	-29.78	1154.72	-30.95	865.57	258.20	509.15
4	118	595	-258.66	-312.45	-306.76	-264.36	-16.55	157.54	-778.44	-256.00	-364.90	-464.81
4	118	596	-203.20	-313.68	-298.08	-218.80	-38.48	1463.88	123.56	283.46	1303.97	434.46
4	118	597	-133.25	-319.92	-228.72	-224.45	-93.31	1916.37	-1463.11	246.75	206.50	1689.62
4	149	1	431.57	-102.51	168.90	160.16	-267.00	5279.46	-3242.52	1028.85	1008.09	4260.98
4	149	2	315.52	-122.83	90.47	102.23	219.10	2372.24	-2012.44	166.63	193.17	-2192.30
4	149	3	423.35	-112.49	148.26	162.60	267.82	6145.35	-3894.34	1036.12	1214.89	-5019.05
4	149	4	372.42	-95.09	110.53	166.80	-232.06	4237.27	-3017.10	350.98	869.18	3617.92
4	149	5	-224.73	-333.24	-245.90	-312.07	43.00	-887.97	-5798.22	-910.08	-5776.11	328.79
4	149	6	-81.99	-394.32	-382.05	-94.27	60.70	-3928.29	-1.836e+04	-1.835e+04	-3932.99	-260.50
4	149	8	-226.67	-342.02	-247.81	-320.88	44.63	5223.96	2032.17	2032.79	5223.33	-44.73
4	149	11	-229.86	-329.44	-246.23	-313.07	36.91	3731.58	1435.60	1517.71	3649.47	426.35
4	149	12	-178.30	-333.91	-262.37	-249.85	77.55	3931.67	2353.49	2391.77	3893.39	-242.80
4	149	13	-212.79	-314.64	-269.50	-257.94	50.59	3585.75	802.95	1792.21	2596.49	1332.02
4	149	17	-225.97	-319.60	-230.48	-315.09	-20.05	3452.32	-347.54	429.77	2675.01	1532.79
4	149	18	-316.07	-423.64	-319.92	-419.79	-19.98	-1675.11	-8370.34	-1686.14	-8359.31	271.56
4	149	19	-193.10	-351.36	-193.12	-351.35	1.72	-1665.23	-7307.42	-1665.59	-7307.06	-45.07
4	149	23	-27.00	-269.47	-268.82	-27.64	-12.52	-132.32	-1.036e+04	-7711.07	-2782.39	4481.54
4	149	25	-307.32	-406.90	-310.94	-403.28	18.65	-1721.65	-8771.43	-1722.15	-8770.93	59.60
4	149	31	-156.93	-326.20	-319.67	-163.46	32.62	-714.90	-6782.75	-6465.28	-1032.38	-1351.15
4	149	42	-170.72	-392.95	-392.80	-170.87	-5.78	-1707.56	-8181.45	-8119.40	-1769.62	-630.77
4	149	45	-0.82	-247.22	-0.99	-247.04	-6.62	-400.31	-1.040e+04	-2851.18	-7952.81	4302.34
4	149	46	-317.28	-413.22	-317.32	-413.17	-2.08	-1688.64	-8694.50	-1694.74	-8688.40	206.67
4	149	52	-179.40	-353.07	-206.55	-325.91	-63.08	-694.98	-7662.49	-1027.03	-7330.43	1484.36
4	149	63	-362.05	-494.78	-435.27	-421.56	-66.01	-5109.35	-2.628e+04	-5198.45	-2.619e+04	1370.51
4	149	64	-203.10	-336.99	-206.73	-333.36	-21.75	1731.51	85.23	86.37	1730.37	-43.27
4	149	65	-248.28	-387.78	-250.59	-385.47	-17.80	-1652.57	-8741.00	-1701.85	-8691.72	589.00
4	149	70	22.61	-248.53	-248.52	22.59	-1.94	359.87	-9930.93	-6790.36	-2780.69	-4738.75
4	149	71	-166.10	-419.58	-415.11	-170.58	-33.39	-1961.66	-8494.94	-8494.84	-1961.76	-25.24
4	149	77	-160.52	-419.76	-409.29	-170.99	-51.04	-1746.76	-8337.57	-8276.36	-1807.97	632.19
4	149	89	-202.25	-319.03	-223.41	-297.87	44.99	-3127.61	-1.730e+04	-3165.34	-1.726e+04	-730.23
4	149	97	-74.13	-271.88	-271.87	-74.13	-1.15	-2087.62	-8597.08	-8300.70	-2384.00	-1356.99
4	149	98	-114.89	-363.57	-346.73	-131.73	62.47	-3609.43	-1.654e+04	-1.652e+04	-3623.07	-419.61
4	149	99	-197.66	-336.25	-313.74	-220.16	51.11	440.83	-1728.44	-37.43	-1250.18	899.30
4	149	109	-133.33	-358.70	-144.82	-347.22	49.57	-118.99	-5879.95	-685.77	-5313.17	-1715.80
4	149	116	-133.16	-415.27	-134.93	-413.50	22.27	-1492.46	-6319.15	-1599.61	-6212.00	-711.13
4	149	125	-135.65	-416.42	-135.70	-416.37	-3.82	-1525.69	-5771.40	-1526.61	-5770.48	-62.66
4	149	127	-189.31	-340.45	-191.28	-338.48	-17.13	4009.37	753.37	986.72	3776.02	839.84
4	149	128	-405.28	-468.80	-434.16	-439.92	-31.63	-5887.02	-3.021e+04	-5895.04	-3.021e+04	441.88
4	149	140	-236.32	-322.00	-236.55	-321.78	-4.35	938.90	-2322.13	-2277.52	894.29	378.78
4	149	148	-214.60	-407.08	-398.50	-223.19	-39.73	-4175.07	-2.101e+04	-2.080e+04	-4386.08	1872.70
4	149	151	-176.52	-375.92	-179.23	-373.20	23.10	-1234.40	-6815.41	-1254.35	-6795.46	-333.10
4	149	161	-268.09	-437.50	-433.05	-272.54	-27.10	-5509.98	-2.689e+04	-2.685e+04	-5552.35	950.73
4	149	163	-133.02	-351.79	-318.24	-166.58	78.84	970.41	-1439.89	-1425.33	955.86	186.73
4	149	166	-118.62	-394.98	-381.16	-132.44	60.23	-4221.59	-2.030e+04	-2.029e+04	-4227.06	-296.49
4	149	171	-218.25	-348.28	-224.19	-342.35	27.14	369.23	-2414.84	-7.91	-2037.70	952.77
4	149	174	-273.67	-443.20	-442.28	-274.60	-12.52	-5858.96	-2.844e+04	-2.844e+04	-5859.17	69.00
4	149	187	-263.55	-441.15	-441.04	-263.66	4.28	-5668.07	-2.738e+04	-2.735e+04	-5698.41	-811.02
4	149	196	-214.28	-333.31	-214.81	-332.78	-7.94	-586.54	-2268.29	-2203.32	-651.51	-324.11
4	149	199	-287.40	-333.53	-327.53	-293.40	-15.52	-3904.58	-7159.97	-3905.97	-7158.58	67.26
4	149	213	-382.30	-435.73	-392.19	-425.83	20.75	-5681.01	-2.913e+04	-5681.09	-2.913e+04	43.02
4	149	215	72.27	-294.38	-264.71	42.59	100.00	-1797.77	-9424.98	-8454.86	-2767.90	2541.30
4	149	216	-212.04	-325.71	-280.21	-257.55	55.69	254.36	-3725.77	91.96	-3563.37	787.41
4	149	226	-404.42	-429.36	-404.47	-429.30	1.19	-5721.14	-2.951e+04	-5721.64	-2.951e+04	109.39
4	149	227	-163.04	-387.26	-163.87	-386.43	13.59	-1104.71	-4337.53	-1138.80	-4303.45	330.20
4	149	228	-223.51	-424.46	-240.34	-407.63	55.67	-5119.52	-2.535e+04	-5247.02	-2.522e+04	-1600.82
4	149	230	-113.35	-298.57	-199.33	-212.59	92.37	-4625.07	-8086.65	-6543.11	-6168.60	-1720.63
4	149	231	-127.82	-313.58	-227.64	-213.77	-92.62	-6601.75	-9276.30	-7883.25	-7994.81	1336.11
4	149	254	-227.11	-369.95	-228.46	-368.60	13.81	-1077.77	-6131.78	-1115.84	-6093.72	436.97
4	149	256	-212.43	-348.39	-223.03	-337.79	36.46	385.07	-893.99	358.25	-867.18	183.25
4	149	261	-267.87	-417.95	-283.44	-402.39	45.76	-4266.11	-2.161e+04	-4448.31	-2.143e+04	-1768.37
4	149	266	-341.97	-455.07	-362.19	-434.85	43.34	-5475.15	-2.723e+04	-5523.04	-2.718e+04	-1019.49
4	149	271	-354.93	-456.73	-377.60	-434.05	42.36	-5689.39	-2.862e+04	-5696.44	-2.862e+04	-402.10
4	149	276	-363.65	-441.87	-381.74	-423.79	32.98	-5672.55	-2.893e+04	-5673.27	-2.893e+04	-129.86
4	149	282	-137.87	-397.02	-361.37	-173.52	-89.26	-292.39	-7397.61	-6998.01	-691.99	1636.95
4	149	283	-310.74	-408.09	-311.43	-407.40	-8.16	-1509.24	-8025.24	-1511.59	-8022.88	123.83
4	149	292	-180.55	-327.80	-182.34	-326.01	16.14	2352.45	216.53	451.81	2117.18	-668.71
4	149	295	-271.66	-397.18	-275.69	-393.15	22.13	-1799.86	-8916.13	-1800.06	-8915.93	37.53
4	149	301	-45.32	-280.91	-46.53	-279.70	16.84	725.68	-1.006e+04	-2676.56	-6660.87	-5013.06
4	149	311	-91.10	-350.25	-288.10	-153.25	110.65	-1594.65	-5485.39	-2965.41	-4114.63	-1858.57
4	149	313	-388.39	-479.71	-434.97	-433.12	-45.65	-5690.08	-2.931e+04	-5721.37	-2.927e+04	858.95
4	149	318	-194.25	-411.05	-195.80	-409.51	-18.24	-1100.99	-6445.44	-1227.18	-6319.25	-811.46

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	149	321	-201.84	-311.76	-208.61	-304.99	-26.43	-442.12	-1.096e+04	-2379.92	-9024.41	4078.09
4	149	324	-211.50	-324.33	-211.97	-323.86	7.25	3746.87	1210.42	1846.59	3110.70	1099.50
4	149	327	-145.92	-333.05	-323.76	-155.20	40.63	-3036.53	-1.441e+04	-1.437e+04	-3070.60	-621.47
4	149	333	-212.10	-415.23	-212.10	-415.23	-0.50	-1132.02	-5684.91	-1154.04	-5662.89	-315.88
4	149	339	-248.24	-444.68	-252.03	-440.90	27.00	-5802.64	-2.808e+04	-5824.51	-2.806e+04	-697.62
4	149	345	-179.92	-355.18	-181.39	-353.72	15.96	1385.49	571.28	949.06	1007.72	-406.05
4	149	348	-253.97	-348.31	-344.92	-257.37	17.57	792.32	-228.70	552.96	10.66	432.55
4	149	355	-225.18	-348.61	-238.45	-335.34	38.23	-448.51	-5799.56	-761.50	-5486.57	-1255.74
4	149	358	-327.06	-475.46	-404.06	-398.46	-74.15	-3917.94	-2.156e+04	-4240.27	-2.124e+04	2363.07
4	149	359	-206.53	-318.62	-248.06	-277.09	54.13	508.98	-350.36	442.14	-283.52	-230.15
4	149	363	-167.62	-313.10	-183.10	-297.62	44.86	1817.37	248.99	311.65	1754.71	307.17
4	149	365	-296.51	-397.30	-299.86	-393.95	18.06	-1714.74	-8851.69	-1714.76	-8851.68	9.32
4	149	376	-130.16	-470.64	-130.38	-470.41	8.80	-2585.94	-6868.05	-2647.26	-6806.74	-508.74
4	149	396	-218.50	-420.46	-419.17	-219.79	16.07	-4606.01	-2.346e+04	-2.333e+04	-4731.40	-1532.26
4	149	399	-278.16	-390.03	-280.98	-387.21	-17.54	-1248.07	-7095.98	-1250.10	-7093.96	-108.71
4	149	408	-208.45	-387.04	-239.93	-355.56	68.05	-3915.61	-2.132e+04	-4150.21	-2.109e+04	-2007.24
4	149	416	-200.77	-411.29	-203.96	-408.10	-25.71	-4553.02	-2.238e+04	-4680.71	-2.226e+04	1503.48
4	149	422	-252.66	-446.34	-252.67	-446.33	1.25	-5767.67	-2.753e+04	-5772.93	-2.752e+04	338.21
4	149	429	-226.68	-349.56	-251.44	-324.79	49.29	-3369.99	-1.652e+04	-3374.47	-1.652e+04	-242.69
4	149	432	-133.91	-282.56	-138.17	-278.30	24.78	-2065.54	-9494.40	-2443.31	-9116.62	-1632.09
4	149	446	-208.68	-358.78	-237.37	-330.08	59.02	-3123.60	-1.511e+04	-3165.01	-1.507e+04	-703.23
4	149	454	-242.97	-344.43	-258.82	-328.58	36.84	-3538.20	-1.734e+04	-3538.62	-1.734e+04	76.25
4	149	457	-235.98	-341.93	-248.51	-329.41	34.21	-3571.38	-1.719e+04	-3571.55	-1.719e+04	-47.70
4	149	460	-235.71	-335.61	-259.10	-312.22	42.31	-3312.22	-1.643e+04	-3312.76	-1.643e+04	84.53
4	149	480	-188.44	-433.70	-188.93	-433.21	10.94	-2071.30	-2499.19	-2140.63	-2429.87	157.66
4	149	485	-218.17	-324.23	-266.94	-275.46	52.86	849.35	-949.68	639.83	-740.16	-577.09
4	149	486	-194.67	-267.58	-264.76	-197.50	14.08	2795.44	1826.49	2127.92	2494.01	448.57
4	149	492	-260.16	-289.00	-276.70	-272.46	14.26	2906.51	475.26	486.77	2895.00	-166.89
4	149	529	-164.11	-355.03	-286.01	-233.13	-91.72	2928.45	727.07	1741.10	1914.42	1097.27
4	149	530	-185.15	-356.49	-324.76	-216.89	-66.56	3221.22	1748.85	3177.53	1792.55	249.86
4	149	531	-197.87	-344.97	-331.69	-211.15	-42.16	3689.00	1273.46	3682.78	1279.67	-122.36
4	149	532	-219.18	-309.32	-307.20	-221.30	-13.66	3137.93	1320.20	3087.41	1370.72	-298.81
4	149	533	-200.42	-286.39	-227.17	-259.64	39.80	2672.64	190.29	1520.36	1342.58	-1237.99
4	149	534	-193.01	-324.21	-193.16	-324.05	4.55	2836.52	1578.02	1579.99	2834.55	49.81
4	149	535	-181.85	-342.08	-182.62	-341.30	-11.10	3728.09	928.43	1072.54	3583.98	618.63
4	149	536	-247.40	-305.36	-268.13	-284.63	-27.78	3891.37	744.21	2957.53	1678.05	1437.67
4	149	537	-245.60	-326.82	-315.44	-256.98	-28.19	4657.60	-38.02	4657.60	-38.01	5.05
4	149	538	-260.39	-312.68	-294.54	-278.53	-24.89	4391.90	1312.55	3303.90	2400.55	-1471.93
4	149	539	-236.91	-324.99	-265.80	-296.10	-41.35	3731.12	2370.27	2415.65	3685.74	-244.34
4	149	540	-258.42	-323.50	-260.98	-320.94	-12.64	4748.10	1198.34	1342.47	4603.96	-700.62
4	149	541	-261.36	-314.40	-262.69	-313.07	-8.28	3846.21	-142.69	496.51	3207.01	-1463.26
4	149	542	-254.39	-348.92	-256.85	-346.46	15.05	5086.49	705.00	732.89	5058.61	-348.44
4	149	543	-234.77	-348.47	-241.39	-341.85	26.63	2265.39	-256.47	-249.87	2258.78	-128.92
4	149	544	-244.76	-378.19	-248.36	-374.59	21.62	5246.34	839.59	843.90	5242.03	-137.75
4	149	545	-207.49	-398.46	-215.27	-390.68	37.75	2187.10	83.53	153.61	2117.03	-377.49
4	149	546	-241.39	-400.22	-241.75	-399.86	7.56	5598.49	915.52	919.47	5594.54	135.95
4	149	547	-198.20	-454.05	-198.31	-453.93	5.33	2567.37	-163.92	-159.04	2562.49	-115.35
4	149	548	-250.15	-379.48	-250.30	-379.33	-4.40	5562.34	1262.16	1277.81	5546.70	258.93
4	149	549	-250.22	-361.99	-251.52	-360.68	12.01	5546.89	1361.35	1363.24	5545.00	88.91
4	149	550	-227.90	-382.23	-229.11	-381.02	-13.58	3578.78	1035.03	1041.00	3572.81	123.09
4	149	551	-235.09	-358.27	-235.54	-357.83	7.39	3714.47	1016.68	1029.05	3702.11	182.20
4	149	576	-295.07	-306.85	-300.78	-301.14	5.89	-77.80	-982.05	-233.11	-826.74	-341.06
4	149	577	-244.83	-323.24	-252.36	-315.72	23.10	-124.28	-810.86	-151.51	-783.62	-134.01
4	149	578	-208.89	-421.04	-212.97	-416.96	-29.11	2908.87	377.57	415.00	2871.43	305.53
4	149	579	-244.17	-396.10	-244.43	-395.84	-6.32	5611.13	1050.82	1069.43	5592.53	290.67
4	149	580	-320.13	-419.87	-320.84	-419.16	-8.38	-1691.49	-8582.91	-1700.29	-8574.11	246.13
4	149	581	-411.21	-443.27	-419.29	-435.18	-13.92	-5807.83	-3.002e+04	-5809.80	-3.001e+04	218.18
4	149	586	-203.74	-376.20	-207.39	-372.55	-24.83	924.79	-475.11	891.08	-441.41	214.59
4	149	587	-262.69	-322.84	-265.91	-319.62	-13.54	2356.29	1116.66	1119.94	2353.02	-63.63
4	149	592	-229.28	-326.55	-230.80	-325.04	12.03	-186.33	-883.69	-221.38	-848.64	152.38
4	149	593	-191.94	-338.59	-211.64	-318.89	50.01	-172.04	-743.94	-198.05	-717.93	-119.16
4	149	594	-193.33	-283.94	-196.40	-280.87	16.38	593.33	-848.45	202.45	-457.58	640.92
4	149	595	-169.27	-318.32	-307.52	-180.08	38.65	-146.87	-745.71	-318.70	-573.87	-270.88
4	149	596	-167.34	-283.31	-282.38	-168.27	10.35	669.57	-676.54	-536.05	529.08	411.56
4	149	597	-148.98	-257.12	-208.04	-198.06	-53.84	1211.46	-2210.66	-461.57	-537.63	1710.64
4	150	1	402.71	-99.37	152.23	151.12	-251.04	5550.88	-3317.07	1073.76	1160.04	4433.76
4	150	2	260.70	-113.13	67.16	80.40	186.80	2031.60	-1325.39	335.63	370.58	-1678.41
4	150	3	439.41	-113.34	160.45	165.62	276.36	5863.40	-3767.81	1021.75	1073.84	-4815.53
4	150	4	381.36	-100.91	127.39	153.07	-240.79	3926.39	-2985.25	308.32	632.81	3452.01
4	150	5	-247.73	-314.30	-249.77	-312.27	11.47	-565.49	-4255.03	-581.81	-4238.71	244.84
4	150	6	-191.91	-361.23	-355.03	-198.11	31.81	-3888.57	-1.870e+04	-1.867e+04	-3917.07	-649.09
4	150	8	-199.75	-337.81	-215.52	-322.05	43.91	4032.52	1330.15	1414.16	3948.50	-469.02
4	150	11	-221.71	-321.17	-233.79	-309.10	32.48	3485.37	1249.83	1254.55	3480.65	-102.56

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	150	12	-192.18	-298.73	-232.28	-258.63	51.62	3563.03	1705.28	2082.09	3186.22	-747.02
4	150	13	-231.85	-292.04	-250.59	-273.30	27.87	2496.28	1259.35	1518.80	2236.83	503.59
4	150	17	-246.83	-299.90	-246.86	-299.87	1.36	4462.39	887.24	1293.51	4056.12	1134.64
4	150	18	-216.12	-409.66	-216.65	-409.12	-10.13	-2186.97	-1.001e+04	-2188.69	-1.001e+04	115.72
4	150	19	-193.65	-322.27	-194.34	-321.58	-9.43	-946.84	-4901.82	-962.24	-4886.42	-246.32
4	150	23	-37.80	-260.55	-260.50	-37.86	3.52	-129.00	-1.072e+04	-8071.77	-2780.79	4589.39
4	150	25	-200.97	-393.98	-201.75	-393.19	12.29	-2289.71	-1.076e+04	-2291.08	-1.076e+04	107.75
4	150	31	-165.27	-368.22	-332.29	-201.20	77.46	-581.51	-7299.19	-6986.58	-894.12	-1415.02
4	150	42	-181.56	-405.08	-394.09	-192.54	48.31	-1733.41	-8718.31	-8694.50	-1757.22	-407.17
4	150	45	-44.28	-288.52	-46.28	-286.53	21.98	-418.36	-1.010e+04	-2745.78	-7768.26	4135.97
4	150	46	-209.22	-396.54	-209.33	-396.43	-4.49	-2260.66	-1.069e+04	-2262.60	-1.069e+04	127.70
4	150	52	-159.20	-333.32	-164.67	-327.85	-30.37	-871.73	-8038.79	-1150.55	-7759.97	1385.85
4	150	63	-274.96	-459.98	-316.72	-418.22	-77.34	-5293.81	-2.667e+04	-5399.15	-2.656e+04	1496.76
4	150	64	-227.10	-313.57	-235.77	-304.91	-25.96	3153.58	765.34	800.55	3118.38	-287.82
4	150	65	-167.62	-392.72	-167.62	-392.72	-0.74	-2106.07	-9760.10	-2159.16	-9707.01	635.24
4	150	70	19.81	-260.44	-260.34	19.71	5.46	364.24	-9525.45	-6396.56	-2764.65	-4599.33
4	150	71	-179.54	-411.02	-409.14	-181.43	20.79	-1999.45	-8886.94	-8872.76	-2013.62	312.17
4	150	77	-167.24	-398.62	-398.59	-167.27	-2.63	-1787.80	-8525.30	-8381.99	-1931.10	972.09
4	150	89	-255.84	-339.43	-258.62	-336.65	15.00	-3344.62	-1.787e+04	-3412.18	-1.780e+04	-988.30
4	150	97	-103.80	-300.14	-290.65	-113.29	-42.11	-1907.83	-8189.19	-7996.96	-2100.06	-1081.89
4	150	98	-229.48	-343.09	-342.11	-230.45	10.49	-3536.84	-1.713e+04	-1.706e+04	-3610.96	-1001.01
4	150	99	-293.10	-303.42	-299.17	-297.34	5.08	-226.97	-1373.51	-257.79	-1342.68	185.46
4	150	109	-149.12	-384.81	-190.59	-343.35	89.74	290.77	-5980.53	-519.19	-5170.57	-2103.20
4	150	116	-207.68	-407.86	-218.16	-397.39	44.58	-1101.92	-6282.41	-1281.27	-6103.06	-947.08
4	150	125	-231.35	-396.49	-231.36	-396.48	-1.21	-1257.73	-5720.37	-1263.55	-5714.55	-161.07
4	150	127	-232.72	-322.73	-247.45	-308.00	-33.29	4360.27	1373.02	1537.82	4195.48	682.00
4	150	128	-278.72	-439.46	-285.32	-432.86	-31.91	-6266.91	-3.134e+04	-6277.97	-3.133e+04	526.42
4	150	140	-278.80	-332.88	-288.94	-322.74	-21.11	608.39	-2996.78	-2944.71	556.32	430.14
4	150	148	-236.41	-400.00	-396.65	-239.76	-23.16	-4259.14	-2.155e+04	-2.134e+04	-4472.85	1910.58
4	150	151	-220.85	-323.59	-223.51	-320.92	-16.34	-482.16	-4097.54	-606.92	-3972.78	-659.93
4	150	161	-288.94	-431.38	-430.61	-289.71	-10.43	-5571.78	-2.735e+04	-2.729e+04	-5623.84	1063.39
4	150	163	-196.74	-329.96	-313.55	-213.15	43.79	1014.10	-1272.88	-1237.88	979.11	-280.73
4	150	166	-196.79	-395.15	-381.13	-210.81	50.84	-4081.92	-2.007e+04	-2.004e+04	-4108.77	-654.51
4	150	171	-274.15	-334.13	-283.12	-325.16	-21.39	204.79	-2861.49	-235.00	-2421.70	1074.75
4	150	174	-289.81	-439.77	-439.74	-289.85	2.35	-5902.33	-2.868e+04	-2.868e+04	-5903.97	193.25
4	150	187	-273.82	-440.83	-439.31	-275.33	15.85	-5680.65	-2.730e+04	-2.727e+04	-5703.37	-700.40
4	150	196	-249.80	-294.22	-266.33	-277.68	-21.47	373.04	-2356.57	-2322.97	339.44	-300.97
4	150	199	-280.33	-300.71	-300.60	-280.45	-1.54	-2765.48	-5043.08	-2765.58	-5042.99	-14.57
4	150	213	-237.25	-421.70	-239.13	-419.82	18.51	-6134.94	-3.057e+04	-6134.98	-3.057e+04	-33.24
4	150	215	37.80	-298.01	-270.89	10.68	91.50	-1884.46	-9107.68	-8200.32	-2791.83	2393.91
4	150	216	-272.78	-284.30	-274.61	-282.47	4.21	272.67	-2906.64	245.70	-2879.67	291.59
4	150	226	-250.83	-421.35	-250.83	-421.34	-1.06	-6181.17	-3.099e+04	-6181.67	-3.099e+04	112.15
4	150	227	-252.08	-364.45	-252.88	-363.64	-9.50	-707.68	-4394.69	-756.93	-4345.44	423.29
4	150	228	-328.61	-405.20	-341.63	-392.18	28.77	-5055.11	-2.556e+04	-5167.67	-2.544e+04	-1514.89
4	150	230	-105.50	-359.45	-212.59	-252.36	125.41	-4454.93	-8362.85	-6807.42	-6010.36	-1912.89
4	150	231	-129.68	-270.56	-219.95	-180.30	-67.59	-6409.90	-9132.01	-7563.15	-7978.77	1345.10
4	150	254	-238.51	-343.24	-239.60	-342.15	10.65	-628.36	-3996.24	-654.53	-3970.07	295.72
4	150	256	-248.93	-324.91	-249.55	-324.29	6.82	1093.15	385.89	792.96	686.08	349.57
4	150	261	-178.88	-426.47	-206.04	-399.31	77.37	-4343.13	-2.192e+04	-4586.13	-2.168e+04	-2052.28
4	150	266	-226.94	-457.00	-246.66	-437.29	64.40	-5688.72	-2.779e+04	-5756.82	-2.773e+04	-1225.03
4	150	271	-226.09	-448.51	-240.26	-434.33	54.33	-5998.53	-2.948e+04	-6012.27	-2.947e+04	-567.85
4	150	276	-227.32	-429.09	-234.22	-422.19	36.67	-6081.36	-3.021e+04	-6083.63	-3.021e+04	-234.07
4	150	282	-135.10	-359.41	-346.03	-148.48	-53.13	-196.35	-7298.85	-6769.71	-725.49	1865.00
4	150	283	-216.53	-402.88	-216.54	-402.87	-1.05	-1952.70	-9344.25	-1952.80	-9344.15	-26.97
4	150	292	-222.67	-325.92	-224.80	-323.79	-14.68	2339.56	472.64	606.52	2205.68	-481.69
4	150	295	-171.16	-402.63	-174.68	-399.11	28.33	-2266.71	-1.027e+04	-2269.84	-1.027e+04	158.26
4	150	301	0.16	-246.78	-6.18	-240.45	39.04	674.49	-1.022e+04	-2738.05	-6803.63	-5051.67
4	150	311	-103.76	-324.81	-278.32	-150.25	90.08	-1525.14	-5550.63	-2802.18	-4273.60	-1873.46
4	150	313	-280.88	-443.80	-296.71	-427.97	-48.26	-5990.02	-3.010e+04	-6028.59	-3.006e+04	963.60
4	150	318	-258.03	-342.60	-258.16	-342.47	3.24	-369.44	-3396.41	-396.15	-3369.69	-283.11
4	150	321	-143.48	-289.58	-158.44	-274.62	-44.29	-582.72	-1.115e+04	-2498.39	-9234.15	4071.04
4	150	324	-233.32	-325.23	-263.89	-294.67	-43.30	3510.61	1167.93	1653.84	3024.70	949.86
4	150	327	-226.69	-340.29	-339.00	-227.97	-12.02	-2658.68	-1.372e+04	-1.366e+04	-2719.20	-815.89
4	150	333	-235.13	-344.76	-235.77	-344.11	8.38	-627.94	-3179.39	-630.55	-3176.78	-81.59
4	150	339	-364.76	-442.48	-375.55	-431.70	26.87	-5727.26	-2.841e+04	-5753.97	-2.838e+04	-777.81
4	150	345	-219.30	-320.17	-227.05	-312.42	-26.87	2785.18	776.32	1289.36	2272.14	-876.02
4	150	348	-288.39	-388.84	-388.48	-288.75	-5.98	-75.12	-1004.69	-424.71	-655.09	450.28
4	150	355	-198.78	-344.64	-200.80	-342.63	17.03	-691.99	-6245.09	-961.08	-5975.99	-1192.44
4	150	358	-251.22	-460.37	-315.63	-395.95	-96.56	-4016.91	-2.172e+04	-4388.26	-2.135e+04	2537.13
4	150	359	-257.76	-287.29	-259.39	-285.66	-6.75	1070.03	661.16	722.62	1008.57	-146.12
4	150	363	-218.73	-314.86	-220.60	-313.00	-13.26	1939.60	326.09	419.54	1846.15	376.89
4	150	365	-191.11	-393.93	-192.16	-392.88	14.55	-2263.24	-1.065e+04	-2265.52	-1.065e+04	138.21
4	150	376	-200.32	-344.35	-200.32	-344.35	-0.37	-1221.63	-3457.16	-1337.23	-3341.56	-495.04

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
4	150	396	-223.40	-421.58	-418.61	-226.36	24.06	-4558.28	-2.314e+04	-2.302e+04	-4675.61	-1471.70
4	150	399	-202.84	-391.85	-205.45	-389.24	-22.07	-1647.77	-7956.37	-1653.61	-7950.52	-192.01
4	150	408	-293.37	-352.69	-300.94	-345.12	19.79	-4057.46	-2.154e+04	-4229.30	-2.137e+04	-1724.61
4	150	416	-285.57	-410.61	-286.38	-409.79	10.04	-4499.65	-2.246e+04	-4585.30	-2.237e+04	1237.27
4	150	422	-361.17	-445.17	-368.04	-438.30	23.01	-5701.79	-2.777e+04	-5703.30	-2.777e+04	182.45
4	150	429	-333.11	-337.77	-336.42	-334.45	2.11	-2991.32	-1.523e+04	-2999.93	-1.522e+04	-324.42
4	150	432	-178.80	-300.16	-180.10	-298.86	-12.47	-1911.30	-8703.64	-2124.08	-8490.85	-1183.23
4	150	446	-305.27	-356.25	-308.98	-352.54	13.25	-2629.13	-1.365e+04	-2669.53	-1.361e+04	-666.14
4	150	454	-320.02	-339.10	-324.44	-334.68	8.05	-3145.52	-1.594e+04	-3146.76	-1.594e+04	-125.78
4	150	457	-329.34	-339.85	-334.09	-335.11	-5.23	-3194.71	-1.589e+04	-3195.66	-1.589e+04	-109.65
4	150	460	-272.26	-331.61	-293.94	-309.93	28.58	-3179.48	-1.592e+04	-3210.97	-1.589e+04	-632.67
4	150	480	-237.31	-386.31	-237.51	-386.11	-5.40	-424.39	-1359.99	-1197.64	-586.74	354.32
4	150	485	-260.78	-308.88	-269.51	-300.15	-18.53	1520.89	317.99	1365.95	472.92	-402.94
4	150	486	-215.08	-320.34	-290.48	-244.94	-47.45	3276.04	2115.08	2560.80	2830.31	564.62
4	150	492	-277.90	-319.28	-319.27	-277.91	0.53	2809.52	751.15	756.50	2804.17	-104.79
4	150	529	-198.23	-292.01	-256.25	-233.99	-45.55	2995.40	-178.15	1442.67	1374.58	1586.41
4	150	530	-216.62	-302.22	-302.15	-216.69	-2.45	3184.29	1005.90	2650.24	1539.95	937.10
4	150	531	-206.26	-325.98	-317.50	-214.74	30.71	3147.69	1270.42	3059.74	1358.37	396.69
4	150	532	-195.60	-341.00	-310.75	-225.85	59.02	2878.65	1857.40	2858.47	1877.59	-142.14
4	150	533	-160.45	-354.00	-254.43	-260.02	96.73	3317.23	263.46	1652.65	1928.03	-1520.67
4	150	534	-221.73	-321.31	-236.50	-306.53	35.40	3659.87	2139.35	2189.61	3609.61	-271.83
4	150	535	-235.73	-316.37	-235.73	-316.37	-0.54	4231.53	1552.49	1603.05	4180.98	364.52
4	150	536	-261.73	-291.04	-277.35	-275.43	14.62	4271.80	2113.17	3511.68	2873.29	1031.04
4	150	537	-248.41	-287.11	-284.01	-251.50	10.50	4746.44	973.31	4737.66	982.09	181.78
4	150	538	-263.07	-278.10	-263.97	-277.19	3.58	3346.81	1999.24	2966.78	2379.27	-606.38
4	150	539	-215.69	-305.93	-221.46	-300.16	-22.07	2686.69	1631.59	1782.29	2535.99	369.18
4	150	540	-209.27	-323.26	-210.22	-322.31	-10.34	3080.94	862.56	874.60	3068.90	-163.02
4	150	541	-231.18	-304.49	-231.64	-304.04	-5.73	3943.26	538.49	791.59	3690.17	-893.13
4	150	542	-207.61	-336.04	-207.65	-336.01	2.18	3561.46	436.70	436.78	3561.38	-15.93
4	150	543	-217.66	-315.29	-217.99	-314.96	5.67	3331.31	123.40	123.74	3330.97	-32.98
4	150	544	-206.11	-342.24	-206.33	-342.01	5.50	3750.18	639.83	640.55	3749.46	47.44
4	150	545	-213.29	-334.66	-213.43	-334.51	4.15	3631.36	663.20	668.86	3625.70	-129.54
4	150	546	-204.88	-346.91	-205.01	-346.78	4.28	3840.33	670.81	672.72	3838.41	77.91
4	150	547	-202.98	-324.99	-202.99	-324.99	-0.46	4447.31	746.27	752.00	4441.57	-145.60
4	150	548	-211.00	-352.88	-213.02	-350.86	16.82	4118.44	906.26	913.54	4111.16	-152.74
4	150	549	-207.74	-352.71	-213.36	-347.09	27.98	4110.88	833.34	868.63	4075.60	-338.25
4	150	550	-222.59	-330.48	-224.13	-328.95	12.79	4148.52	1037.75	1044.25	4142.02	-141.97
4	150	551	-218.65	-331.95	-223.95	-326.65	23.92	3976.78	922.69	931.11	3968.36	-160.09
4	150	576	-298.39	-343.64	-342.95	-299.08	5.54	-44.61	-970.33	-203.34	-811.59	-348.92
4	150	577	-304.36	-333.38	-305.27	-332.47	5.06	454.44	-356.59	430.34	-332.49	-137.71
4	150	578	-220.87	-340.71	-220.98	-340.60	-3.66	4299.82	988.90	989.25	4299.47	-33.99
4	150	579	-209.22	-351.95	-209.58	-351.58	7.22	4015.97	805.27	805.44	4015.80	-22.89
4	150	580	-214.54	-403.29	-214.61	-403.22	-3.74	-2246.62	-1.048e+04	-2248.48	-1.047e+04	123.98
4	150	581	-265.38	-427.36	-266.76	-425.97	-14.91	-6236.98	-3.134e+04	-6240.47	-3.133e+04	295.71
4	150	586	-261.56	-335.08	-265.14	-331.50	-15.83	1603.33	396.50	1168.49	831.34	579.39
4	150	587	-302.49	-311.84	-311.15	-303.18	-2.44	2209.01	1167.06	1168.57	2207.50	39.64
4	150	592	-276.74	-335.85	-285.49	-327.10	-20.99	-57.84	-379.75	-75.41	-362.19	73.11
4	150	593	-262.70	-327.99	-262.70	-327.99	0.22	80.85	-234.79	30.65	-184.59	-115.44
4	150	594	-223.48	-330.71	-236.10	-318.09	-34.56	1217.62	63.78	936.12	345.28	495.54
4	150	595	-262.19	-317.43	-307.28	-272.35	-21.40	191.84	-780.64	-243.44	-345.36	-483.57
4	150	596	-204.49	-319.30	-300.06	-223.73	-42.88	1547.63	217.76	375.89	1389.50	430.45
4	150	597	-131.72	-326.25	-230.87	-227.11	-97.25	1997.03	-1380.14	327.74	289.15	1688.48
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-643.48	-574.29	-629.06	-333.93		-4.011e+04	-3.713e+04	-4.010e+04	-6813.69
			565.08		213.85	218.78	352.43	8187.59		6215.21	6301.62	6070.06

Macro	Tipo	Angolo 1-X (gradi)
14	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
14	85	91	-161.04	-635.02	-163.18	-632.89	31.77	2329.13	-129.40	-108.81	2308.54	-224.02
14	85	132	167.52	-385.62	-13.84	-204.26	259.67	246.05	-117.04	224.65	-95.64	85.51
14	85	214	133.27	-492.99	-231.32	-128.41	-308.87	867.12	165.51	808.19	224.45	194.62
14	85	249	171.66	-9.43	82.18	80.06	-90.54	74.24	-292.42	-127.27	-90.91	182.42
14	85	251	-71.61	-553.53	-199.29	-425.84	212.67	-378.93	-731.11	-505.93	-604.10	169.11

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
14	85	332	-47.95	-810.82	-555.28	-303.49	-360.06	1398.80	246.73	1398.71	246.82	9.80
14	85	436	-48.81	-501.63	-177.30	-373.14	-204.14	1832.08	380.09	392.24	1819.94	132.25
14	85	443	12.38	-725.69	12.38	-725.69	1.67	-151.94	-710.09	-156.67	-705.36	-51.15
14	85	447	86.53	-534.93	-138.33	-310.06	-298.63	980.97	179.64	239.71	920.90	211.01
14	85	461	-159.21	-405.49	-218.17	-346.53	-105.10	2031.83	423.17	423.82	2031.17	32.57
14	85	463	-85.35	-387.47	-213.31	-259.51	149.28	2422.66	722.53	757.13	2388.06	-240.06
14	85	468	-254.64	-266.31	-266.00	-254.94	1.86	2627.89	581.11	608.21	2600.79	-233.95
14	85	470	-185.78	-665.42	-207.86	-643.34	-100.52	-420.69	-528.47	-421.32	-527.84	8.20
14	85	474	-244.14	-397.50	-332.04	-309.60	75.85	2395.31	410.08	428.05	2377.34	188.04
14	85	476	72.63	1.69	35.14	39.18	35.42	-78.99	-593.68	-80.19	-592.48	24.84
14	85	495	86.61	-40.55	15.32	30.73	-63.11	9.21	-423.43	-0.84	-413.38	-65.16
14	85	518	52.85	-502.10	-226.79	-222.46	-277.47	176.00	-381.87	-74.91	-130.96	-277.53
14	85	519	52.05	-437.47	-88.13	-297.29	-221.29	21.42	-212.76	-68.67	-122.66	-113.94
14	85	520	-66.03	-267.11	-74.74	-258.40	40.95	113.40	-79.71	60.69	-27.00	86.03
14	85	521	-113.11	-264.45	-142.73	-234.83	60.04	140.94	-106.57	37.36	-2.98	-122.10
14	85	522	-197.93	-271.13	-253.88	-215.17	31.06	151.07	-353.87	99.31	-302.11	153.16
14	85	523	214.15	60.36	110.76	163.75	72.19	-80.18	-127.30	-126.60	-80.88	5.71
14	85	524	-38.46	-341.13	-169.86	-209.73	-150.02	-27.21	-97.95	-29.26	-95.91	11.84
14	85	525	216.35	-329.93	-290.57	176.99	-141.26	85.70	31.26	62.85	54.10	26.86
14	86	91	-159.90	-633.72	-161.76	-631.86	29.65	2310.90	-147.66	-131.12	2294.36	-200.99
14	86	132	167.33	-382.32	-11.89	-203.10	257.66	293.14	-132.00	282.55	-121.41	66.26
14	86	214	134.27	-493.69	-231.03	-128.39	-309.76	1065.16	250.37	1024.02	291.50	178.40
14	86	249	172.73	-9.92	82.46	80.35	-91.32	48.74	-280.28	-130.29	-101.25	163.87
14	86	251	-73.71	-552.97	-201.73	-424.94	212.05	-165.21	-622.15	-250.88	-536.48	178.35
14	86	332	-47.30	-810.31	-554.22	-303.40	-360.30	1460.02	202.72	1458.81	203.93	38.99
14	86	436	-47.70	-502.41	-177.14	-372.98	-205.19	2127.43	442.69	453.74	2116.38	136.00
14	86	443	11.66	-727.25	11.66	-727.25	0.49	-81.32	-457.46	-88.13	-450.64	-50.17
14	86	447	87.75	-535.82	-138.18	-309.89	-299.73	1195.62	256.21	286.39	1165.44	165.66
14	86	461	-158.62	-406.06	-218.28	-346.40	-105.84	2297.57	477.48	478.20	2296.85	36.17
14	86	463	-86.32	-386.10	-213.58	-258.84	148.17	2594.96	777.81	799.54	2573.23	-197.52
14	86	468	-255.35	-267.40	-267.18	-255.57	1.63	2905.06	643.07	664.99	2883.14	-221.59
14	86	470	-183.06	-667.68	-205.38	-645.36	-101.57	-256.21	-334.18	-333.42	-256.97	-7.67
14	86	474	-246.51	-397.38	-333.68	-310.21	74.52	2659.48	465.91	480.28	2645.11	176.98
14	86	476	71.91	3.60	35.58	39.93	34.08	-32.97	-353.07	-35.37	-350.67	27.61
14	86	495	89.77	-41.68	16.35	31.73	-65.27	55.11	-203.50	38.49	-186.89	-63.41
14	86	518	54.07	-502.56	-226.13	-222.36	-278.31	-17.33	-599.81	-234.94	-382.20	-281.78
14	86	519	53.79	-438.32	-87.23	-297.31	-222.51	-113.69	-475.74	-143.97	-445.46	-100.23
14	86	520	-66.18	-267.51	-74.63	-259.06	40.37	-6.69	-355.87	-22.05	-340.51	71.61
14	86	521	-114.01	-263.93	-142.79	-235.15	59.04	16.26	-345.84	-27.77	-301.81	-118.34
14	86	522	-198.51	-270.70	-254.71	-214.50	29.98	18.77	-542.11	-35.63	-487.71	166.00
14	86	523	213.10	61.62	110.73	163.99	70.91	-3.92	-187.69	-171.55	-20.06	-52.01
14	86	524	-36.69	-342.37	-169.65	-209.41	-151.54	-97.57	-384.97	-97.81	-384.74	8.26
14	86	525	217.15	-328.53	-288.77	177.40	-141.82	178.37	-27.46	5.61	145.31	75.58
14	116	91	-120.97	-462.43	-122.00	-461.41	18.67	1756.67	-110.43	-95.62	1741.86	-165.64
14	116	132	140.72	-269.38	-1.24	-127.42	195.10	203.35	-115.25	194.29	-106.20	52.94
14	116	214	95.20	-369.88	-179.79	-94.89	-228.63	771.34	176.02	736.72	210.64	139.32
14	116	249	126.19	6.14	66.41	65.91	-60.02	49.19	-218.64	-98.43	-71.02	133.21
14	116	251	-51.29	-406.18	-147.30	-310.18	157.65	-154.34	-496.40	-238.69	-412.05	147.44
14	116	332	-43.81	-612.76	-428.37	-228.20	-266.29	1099.92	154.17	1099.23	154.86	25.51
14	116	436	-36.35	-375.46	-130.74	-281.07	-151.99	1583.71	330.41	339.78	1574.34	107.94
14	116	443	18.48	-551.22	18.33	-551.08	-9.04	-92.69	-443.69	-95.97	-440.41	-33.78
14	116	447	63.58	-401.35	-103.03	-234.74	-222.94	876.65	182.17	210.76	848.06	137.98
14	116	461	-118.76	-305.63	-161.96	-262.43	-78.79	1718.38	357.95	358.53	1717.80	27.89
14	116	463	-74.02	-288.68	-164.38	-198.33	105.98	1968.24	580.16	599.57	1948.82	-163.02
14	116	468	-182.45	-214.33	-202.21	-194.57	-15.48	2208.06	490.86	510.18	2188.74	-181.11
14	116	470	-149.28	-505.57	-164.35	-490.49	-71.72	-263.83	-286.06	-275.02	-274.87	-11.12
14	116	474	-192.55	-297.47	-254.09	-235.94	51.67	2006.37	348.10	359.69	1994.79	138.10
14	116	476	52.27	7.18	30.84	28.61	22.52	-38.65	-337.08	-40.37	-335.35	22.63
14	116	495	60.51	-27.19	11.41	21.92	-43.53	40.36	-189.11	28.15	-176.89	-51.52
14	116	518	33.26	-379.85	-176.14	-170.45	-206.53	29.69	-413.43	-150.98	-232.76	-217.75
14	116	519	38.53	-326.24	-66.25	-221.46	-165.05	-58.98	-292.43	-90.33	-261.08	-79.59
14	116	520	-50.67	-194.14	-53.26	-191.55	19.09	16.62	-201.11	1.56	-186.05	55.25
14	116	521	-89.53	-199.60	-107.12	-182.01	40.33	48.28	-202.26	-2.50	-151.47	-100.72
14	116	522	-157.72	-201.80	-193.93	-165.59	16.89	44.46	-369.08	-1.75	-322.87	130.29
14	116	523	157.05	50.22	81.62	125.65	48.66	-78.12	-142.70	-133.91	-86.92	-22.16
14	116	524	-32.11	-258.14	-129.84	-160.41	-111.97	-45.69	-201.98	-45.97	-201.69	6.62
14	116	525	161.26	-254.42	-229.04	135.89	-99.52	100.08	-12.61	17.10	70.37	49.65
14	118	91	-110.80	-458.29	-114.36	-454.74	34.97	1762.28	-100.25	-85.25	1747.29	-166.44
14	118	132	152.14	-285.21	-5.32	-127.74	209.93	175.70	-131.44	164.84	-120.57	56.73
14	118	214	93.30	-363.27	-176.98	-93.00	-224.39	782.54	176.02	746.02	212.54	144.27
14	118	249	122.20	10.95	66.62	66.52	-55.63	47.67	-219.36	-94.63	-77.06	133.23
14	118	251	-22.41	-409.98	-129.31	-303.07	173.22	-169.50	-501.96	-253.73	-417.73	144.60
14	118	332	-43.55	-603.95	-422.52	-224.98	-262.21	1103.12	162.17	1102.36	162.93	26.71

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
14	118	436	-44.60	-367.77	-130.04	-282.33	-142.52	1561.50	326.06	336.05	1551.51	110.64
14	118	443	24.73	-547.47	24.47	-547.21	12.23	-68.20	-412.03	-70.64	-409.59	-28.85
14	118	447	56.09	-397.72	-103.43	-238.21	-216.67	860.59	181.14	209.85	831.87	136.69
14	118	461	-125.45	-295.32	-158.38	-262.38	-67.16	1693.49	354.75	355.41	1692.83	29.72
14	118	463	-53.07	-308.76	-159.47	-202.36	126.03	1966.11	577.09	598.16	1945.04	-169.75
14	118	468	-184.86	-202.80	-193.94	-193.73	8.97	2183.16	484.72	502.97	2164.92	-175.08
14	118	470	-149.66	-497.89	-161.40	-486.15	-62.84	-254.23	-278.72	-272.64	-260.31	-10.58
14	118	474	-170.39	-311.72	-246.51	-235.60	70.46	1983.27	346.18	358.96	1970.48	144.10
14	118	476	69.03	-7.66	33.85	27.52	38.21	-25.53	-305.35	-28.43	-302.45	28.34
14	118	495	52.99	-12.46	15.31	25.22	-32.35	44.01	-167.98	30.34	-154.31	-52.07
14	118	518	28.05	-373.86	-173.58	-172.23	-200.95	25.44	-411.84	-150.88	-235.52	-214.50
14	118	519	33.23	-315.72	-62.86	-219.63	-155.88	-66.29	-294.65	-94.88	-266.06	-75.58
14	118	520	-32.85	-200.62	-44.10	-189.37	41.95	28.74	-195.49	15.18	-181.94	53.43
14	118	521	-71.06	-211.99	-100.88	-182.17	57.57	48.83	-193.57	2.44	-147.18	-95.35
14	118	522	-137.30	-210.69	-181.19	-166.80	35.99	36.99	-366.39	-2.50	-326.90	119.88
14	118	523	175.76	38.51	91.48	122.79	66.81	-78.93	-144.56	-134.19	-89.30	-23.94
14	118	524	-39.96	-243.77	-125.39	-158.34	-100.56	-46.53	-208.64	-47.08	-208.10	9.39
14	118	525	158.34	-249.48	-226.19	135.05	-94.63	110.05	-10.08	18.88	81.09	51.38
14	148	91	-120.38	-457.90	-121.33	-456.95	17.88	1757.88	-112.86	-97.67	1742.70	-167.86
14	148	132	142.17	-262.25	0.61	-120.69	192.90	201.68	-118.13	192.91	-109.36	52.21
14	148	214	93.19	-367.21	-180.32	-93.70	-226.09	768.39	175.54	733.92	210.01	138.73
14	148	249	124.67	8.99	66.97	66.68	-57.84	50.34	-219.46	-100.05	-69.08	134.01
14	148	251	-50.87	-400.84	-146.90	-304.81	156.16	-154.67	-501.19	-242.22	-413.64	150.58
14	148	332	-45.19	-609.35	-428.25	-226.28	-263.39	1098.30	151.40	1097.59	152.12	26.03
14	148	436	-36.13	-372.45	-129.26	-279.32	-150.50	1594.00	332.91	342.52	1584.39	109.68
14	148	443	19.45	-549.22	19.23	-549.00	-11.18	-96.43	-455.03	-99.54	-451.92	-33.25
14	148	447	62.52	-398.42	-102.16	-233.74	-220.88	883.38	183.47	212.42	854.42	139.39
14	148	461	-117.60	-303.69	-160.30	-260.99	-78.25	1730.27	360.63	361.22	1729.68	28.35
14	148	463	-75.94	-286.61	-164.63	-197.91	104.01	1979.46	581.37	601.23	1959.60	-165.46
14	148	468	-178.97	-216.74	-201.95	-193.76	-18.43	2221.93	493.67	513.15	2202.45	-182.44
14	148	470	-151.45	-503.48	-166.01	-488.92	-70.09	-265.19	-290.68	-275.14	-280.73	-12.44
14	148	474	-192.78	-294.93	-252.65	-235.05	50.31	2019.40	351.89	363.14	2008.14	136.52
14	148	476	51.11	8.30	31.18	28.23	21.36	-39.76	-344.09	-41.53	-342.32	23.15
14	148	495	58.83	-26.18	11.04	21.61	-42.17	41.34	-190.92	29.13	-178.71	-51.82
14	148	518	31.11	-377.73	-176.47	-170.16	-204.40	30.14	-413.93	-151.59	-232.21	-218.35
14	148	519	37.71	-323.56	-66.11	-219.74	-163.49	-57.18	-290.71	-88.94	-258.96	-80.04
14	148	520	-50.49	-191.91	-52.45	-189.94	16.55	16.86	-199.66	1.98	-184.79	54.77
14	148	521	-90.08	-198.50	-106.71	-181.87	39.07	51.02	-200.59	-1.30	-148.28	-102.11
14	148	522	-158.88	-200.33	-193.80	-165.42	15.11	45.51	-370.41	-1.81	-323.08	132.08
14	148	523	155.12	50.81	80.52	125.42	47.07	-89.21	-146.12	-136.65	-98.68	-21.19
14	148	524	-32.73	-256.82	-129.68	-159.87	-111.02	-42.56	-196.94	-42.81	-196.70	6.13
14	148	525	159.74	-255.00	-230.75	135.49	-97.31	97.10	-14.08	17.19	65.82	49.99
14	150	91	-108.04	-453.03	-112.14	-448.93	37.40	1764.65	-100.64	-85.24	1749.24	-168.80
14	150	132	156.14	-281.48	-4.29	-121.06	210.88	168.30	-137.46	157.49	-126.65	56.48
14	150	214	90.90	-359.25	-176.93	-91.42	-220.98	781.74	175.58	745.05	212.27	144.55
14	150	249	119.86	14.78	67.23	67.42	-52.54	48.49	-220.31	-95.49	-76.34	134.06
14	150	251	-16.16	-405.49	-125.37	-296.28	174.90	-172.81	-507.91	-260.28	-420.43	147.17
14	150	332	-44.89	-598.73	-421.21	-222.41	-258.47	1102.21	161.00	1101.40	161.80	27.49
14	150	436	-46.05	-363.19	-128.41	-280.84	-139.05	1567.42	327.66	338.03	1557.05	112.90
14	150	443	26.91	-544.71	26.56	-544.36	14.16	-66.88	-417.01	-69.03	-414.87	-27.31
14	150	447	53.49	-394.06	-102.64	-237.93	-213.30	864.13	182.20	211.34	834.99	137.91
14	150	461	-125.52	-291.41	-156.00	-260.94	-64.24	1700.50	356.76	357.45	1699.81	30.57
14	150	463	-50.85	-310.37	-158.76	-202.45	127.91	1977.01	577.67	599.54	1955.14	-173.56
14	150	468	-181.83	-202.97	-192.05	-192.75	10.56	2192.05	486.29	504.48	2173.85	-175.23
14	150	470	-151.91	-494.32	-162.52	-483.70	-59.34	-255.25	-280.35	-272.24	-263.36	-11.74
14	150	474	-166.30	-311.90	-243.54	-234.65	72.66	1991.68	349.56	362.24	1979.00	143.75
14	150	476	71.26	-9.60	34.79	26.88	40.24	-23.94	-305.48	-27.18	-302.24	30.05
14	150	495	49.58	-8.47	15.72	25.38	-28.62	45.60	-167.31	31.73	-153.44	-52.54
14	150	518	24.80	-370.50	-173.39	-172.31	-197.65	25.00	-411.97	-151.40	-235.56	-214.40
14	150	519	31.30	-310.87	-62.02	-217.54	-152.39	-65.98	-293.36	-94.39	-264.95	-75.19
14	150	520	-29.38	-199.44	-41.48	-187.34	43.71	31.29	-192.93	18.18	-179.82	52.61
14	150	521	-68.01	-213.31	-99.23	-182.09	59.68	51.60	-189.81	4.57	-142.79	-95.61
14	150	522	-134.35	-211.07	-178.54	-166.88	37.91	36.52	-367.07	-2.70	-327.84	119.55
14	150	523	177.38	36.57	91.97	121.98	68.79	-89.96	-148.71	-137.16	-101.51	-23.35
14	150	524	-42.26	-239.55	-124.33	-157.48	-97.24	-43.50	-204.47	-44.06	-203.90	9.52
14	150	525	156.25	-249.11	-227.34	134.47	-91.39	108.87	-10.91	19.34	78.62	52.04
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-810.82	-555.28	-727.25	-360.30		-731.11	-505.93	-705.36	-281.78
			217.15		110.76	177.40	259.67	2905.06		1458.81	2883.14	211.01

Macro	Tipo	Angolo 1-X (gradi)
17	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
17	66	61	92.18	-19.53	14.81	57.85	51.54	459.93	161.92	175.21	446.64	61.53
17	66	240	17.91	-210.60	15.78	-208.47	-21.94	236.50	-5.64	232.04	-1.18	-32.55
17	66	368	-95.89	-147.51	-138.84	-104.56	19.29	2101.13	391.36	392.84	2099.65	50.19
17	66	370	-58.98	-129.32	-60.85	-127.46	11.29	1450.14	237.71	295.96	1391.89	259.29
17	66	374	-64.37	-138.36	-66.57	-136.17	-12.56	1883.98	398.34	403.61	1878.71	88.33
17	66	375	-84.63	-142.12	-98.05	-128.71	-24.32	2292.86	451.94	452.49	2292.31	-31.77
17	66	402	-33.68	-102.73	-80.35	-56.06	-32.32	-215.76	-691.34	-219.80	-687.30	43.65
17	66	403	-58.16	-97.32	-92.39	-63.09	-13.00	-207.15	-671.79	-210.14	-668.80	-37.18
17	66	405	20.59	-230.96	19.92	-230.29	12.98	272.61	-101.51	268.67	-97.58	38.16
17	66	406	24.18	-61.59	-61.51	24.11	2.54	358.83	92.39	137.27	313.95	99.72
17	66	407	125.14	-44.13	122.37	-41.36	-21.45	1719.69	450.90	451.89	1718.70	-35.50
17	66	411	131.63	-46.89	128.64	-43.90	-22.92	1857.37	453.15	453.97	1856.55	33.96
17	66	412	22.41	-62.93	-59.23	18.72	-17.37	421.96	153.38	232.49	342.84	-122.43
17	66	413	23.56	-118.33	23.53	-118.29	2.33	-74.40	-288.41	-210.86	-151.95	-102.87
17	66	414	29.91	-223.89	-102.85	-91.13	-126.77	880.63	222.21	861.65	241.19	-110.16
17	66	499	97.75	-35.86	96.53	-34.64	12.71	842.31	27.40	794.74	74.97	191.06
17	66	500	-45.01	-72.40	-59.96	-57.45	-13.64	446.44	148.59	446.44	148.60	-0.69
17	66	501	-31.90	-83.99	-43.21	-72.69	-21.47	-16.48	-205.18	-107.96	-113.70	-94.30
17	66	502	39.83	8.36	39.34	8.84	3.89	117.39	-647.26	-614.84	84.97	-154.09
17	66	503	-16.85	-89.41	-85.64	-20.62	-16.11	64.62	-282.97	-221.49	3.13	132.63
17	66	504	64.67	-3.03	58.32	3.32	-19.73	148.16	-567.87	-566.56	146.84	30.63
17	66	526	62.87	-112.31	-18.05	-31.39	-87.34	936.23	134.40	253.01	817.62	-284.68
17	66	527	-178.11	-259.54	-254.13	-183.52	20.28	2491.10	453.11	457.73	2486.47	-96.95
17	66	528	75.04	-50.36	53.45	-28.76	-47.35	124.31	79.70	106.63	97.38	-21.82
17	110	61	34.23	5.91	16.30	23.84	13.65	355.50	65.06	84.20	336.36	72.07
17	110	240	28.34	-183.42	23.20	-178.28	-32.59	245.90	130.17	243.22	132.86	-17.43
17	110	368	-77.62	-143.16	-115.27	-105.51	32.40	1459.85	268.45	270.47	1457.84	48.95
17	110	370	-34.89	-108.28	-38.71	-104.46	-16.30	1053.10	134.68	198.05	989.72	232.79
17	110	374	-41.29	-144.73	-50.88	-135.14	-30.00	1370.37	292.71	300.74	1362.33	92.69
17	110	375	-67.21	-127.26	-79.06	-115.41	-23.90	1633.95	319.92	321.31	1632.56	-42.66
17	110	402	-28.08	-81.83	-55.53	-54.37	-26.87	-134.19	-413.03	-140.21	-407.01	40.52
17	110	403	-58.15	-74.53	-67.94	-64.74	8.03	-133.26	-401.03	-136.39	-397.90	-28.76
17	110	405	24.76	-184.09	18.20	-177.54	36.42	271.41	44.96	261.44	54.93	46.45
17	110	406	17.78	-24.63	-22.77	15.92	-8.69	305.36	76.67	98.54	283.49	67.25
17	110	407	128.35	-36.10	127.01	-34.77	-14.77	1389.96	375.27	375.66	1389.58	-19.70
17	110	411	133.06	-37.29	133.06	-37.29	0.66	1498.50	375.58	375.97	1498.11	20.98
17	110	412	22.96	-17.41	-16.15	21.70	7.02	355.96	101.79	149.18	308.57	-98.99
17	110	413	32.05	-102.52	28.31	-98.78	-22.12	-103.15	-244.87	-229.14	-118.88	-44.52
17	110	414	41.81	-187.41	-69.96	-75.64	-114.58	549.66	114.45	525.28	138.83	-100.09
17	110	499	65.07	-22.56	59.84	-17.33	20.76	602.99	14.15	550.54	66.61	167.74
17	110	500	-31.11	-41.87	-41.86	-31.13	-0.38	330.30	84.81	317.09	98.01	-55.38
17	110	501	0.57	-84.01	-21.11	-62.33	-36.93	-2.37	-107.82	-75.89	-34.31	-48.45
17	110	502	50.21	-1.27	47.36	1.58	-11.76	134.48	-446.87	-411.71	99.32	-138.58
17	110	503	1.62	-63.97	-63.29	0.94	6.65	57.07	-210.98	-175.65	21.75	90.67
17	110	504	49.70	7.27	49.69	7.27	-0.42	277.09	-323.59	-321.42	274.92	36.07
17	110	526	44.57	-54.73	-16.32	6.16	-48.36	455.17	-81.02	106.18	267.96	-255.60
17	110	527	-118.56	-231.24	-204.72	-145.08	47.80	1778.17	313.86	322.29	1769.73	-110.81
17	110	528	50.52	-25.47	38.99	-13.94	-27.26	87.00	36.80	87.00	36.80	2.15e-02
17	111	61	96.24	-32.43	6.51	57.30	59.11	298.12	164.17	167.71	294.57	21.51
17	111	240	5.87	-148.51	5.81	-148.45	-3.01	152.30	-24.75	145.60	-18.06	-33.78
17	111	368	-62.99	-101.53	-101.50	-63.02	0.99	1384.32	251.39	252.22	1383.49	30.75
17	111	370	-38.91	-111.59	-54.26	-96.24	29.67	1012.55	187.10	219.92	979.73	161.29
17	111	374	-49.22	-83.81	-51.56	-81.46	8.70	1206.96	256.32	258.62	1204.66	46.77
17	111	375	-65.93	-98.42	-73.55	-90.80	-13.77	1528.43	298.92	299.09	1528.25	-14.46
17	111	402	-24.34	-79.61	-67.62	-36.32	-22.77	-171.52	-536.34	-174.89	-532.97	34.91
17	111	403	-25.68	-84.71	-73.78	-36.61	-22.92	-159.97	-513.63	-162.74	-510.85	-31.22
17	111	405	12.56	-173.99	12.30	-173.73	-7.04	196.24	-77.64	195.29	-76.69	16.11
17	111	406	22.52	-70.54	-69.02	21.00	11.78	198.38	2.13	37.75	162.76	75.64
17	111	407	70.65	-31.89	67.85	-29.08	-16.72	1245.79	330.72	332.26	1244.24	-37.55
17	111	411	80.43	-38.24	72.39	-30.20	-29.84	1346.74	331.36	332.50	1345.60	33.99
17	111	412	16.84	-75.98	-66.51	7.36	-28.11	221.61	54.29	105.50	170.41	-77.11
17	111	413	15.03	-79.17	11.59	-75.74	17.65	-16.33	-212.15	-123.93	-104.56	-97.43
17	111	414	3.00	-161.09	-94.97	-63.12	-80.49	643.26	189.84	636.84	196.26	-53.58
17	111	499	75.34	-33.36	75.34	-33.36	-0.38	554.03	15.79	531.60	38.21	107.54
17	111	500	-25.84	-68.63	-45.32	-49.14	-21.31	367.11	119.84	363.92	123.03	27.91
17	111	501	-41.35	-53.60	-41.35	-53.60	-0.12	2.54	-158.16	-68.03	-87.59	-79.75

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
17	111	502	28.94	-2.90	13.98	12.06	15.89	22.69	-427.44	-404.80	3.80e-02	-98.40
17	111	503	-16.23	-80.34	-68.49	-28.08	-24.88	94.85	-201.65	-160.55	53.75	102.45
17	111	504	50.58	-17.47	36.68	-3.58	-27.43	-79.31	-401.91	-400.01	-81.21	24.69
17	111	526	60.62	-110.32	-11.53	-38.17	-84.42	744.02	131.64	196.71	678.96	-188.70
17	111	527	-140.16	-189.51	-189.19	-140.49	-3.98	1699.08	318.22	319.06	1698.24	-34.09
17	111	528	68.06	-52.70	44.34	-28.98	-47.98	122.67	88.32	109.54	101.45	-16.69
17	142	61	28.13	9.63	17.23	20.53	9.10	360.89	55.24	76.16	339.98	77.17
17	142	240	30.86	-187.13	24.93	-181.19	-35.47	255.31	145.72	252.99	148.04	-15.79
17	142	368	-77.60	-148.86	-116.66	-109.81	35.46	1466.41	269.85	272.00	1464.26	50.76
17	142	370	-31.31	-111.18	-37.21	-105.28	-20.89	1056.96	129.07	195.95	990.08	239.96
17	142	374	-39.56	-151.82	-50.91	-140.47	-33.84	1387.58	295.91	304.65	1378.84	97.31
17	142	375	-67.20	-130.19	-79.50	-117.89	-24.98	1643.89	321.60	323.17	1642.33	-45.45
17	142	402	-27.91	-82.62	-54.33	-56.19	-27.34	-130.26	-401.09	-136.66	-394.69	41.14
17	142	403	-56.47	-78.50	-67.39	-67.59	11.01	-130.51	-390.26	-133.69	-387.09	-28.53
17	142	405	26.95	-186.02	18.85	-177.92	40.74	279.57	56.30	268.00	67.87	49.48
17	142	406	18.61	-21.18	-18.12	15.55	-10.61	316.31	83.45	104.27	295.49	66.44
17	142	407	134.23	-36.59	132.97	-35.33	-14.64	1404.49	379.67	379.99	1404.17	-17.96
17	142	411	139.21	-38.08	139.14	-38.01	3.57	1513.76	379.98	380.32	1513.42	19.71
17	142	412	26.09	-14.15	-11.20	23.14	10.48	369.53	105.91	153.24	322.21	-101.18
17	142	413	34.73	-105.98	29.72	-100.98	-26.07	-108.74	-251.35	-239.57	-120.52	-39.25
17	142	414	45.55	-190.47	-68.02	-76.90	-117.92	541.67	106.50	514.91	133.26	-104.55
17	142	499	64.92	-22.28	58.45	-15.81	22.86	607.23	13.30	551.07	69.47	173.79
17	142	500	-29.13	-41.80	-41.57	-29.36	1.71	329.73	78.20	312.41	95.53	-63.69
17	142	501	4.94	-87.33	-19.19	-63.20	-40.55	-1.80	-104.20	-76.63	-29.37	-45.42
17	142	502	54.28	-3.30	50.41	0.57	-14.42	145.50	-448.91	-412.48	109.06	-142.58
17	142	503	5.19	-64.15	-62.74	3.78	9.80	53.46	-211.90	-177.17	18.74	89.49
17	142	504	51.09	8.21	50.97	8.33	2.26	312.63	-315.96	-313.75	310.42	37.24
17	142	526	43.64	-49.94	-16.81	10.51	-44.75	432.66	-108.16	97.10	227.39	-262.44
17	142	527	-114.82	-236.98	-206.29	-145.51	52.99	1785.87	312.88	322.47	1776.28	-118.49
17	142	528	48.80	-22.82	38.45	-12.47	-25.18	84.85	30.33	84.80	30.38	1.62
17	143	61	102.45	-36.26	5.58	60.61	63.66	293.24	173.47	175.76	290.95	16.41
17	143	240	4.08	-145.53	4.08	-145.53	-0.13	142.95	-40.36	135.83	-33.24	-35.42
17	143	368	-58.62	-100.21	-100.11	-58.72	-2.07	1377.81	249.94	250.69	1377.07	28.95
17	143	370	-36.01	-115.18	-55.76	-95.42	34.26	1009.54	191.86	222.02	979.38	154.11
17	143	374	-46.27	-81.40	-51.53	-76.13	12.54	1190.05	252.82	254.72	1188.15	42.16
17	143	375	-65.92	-95.51	-73.11	-88.32	-12.69	1518.60	297.12	297.23	1518.49	-11.68
17	143	402	-23.52	-79.81	-68.83	-34.50	-22.30	-175.27	-548.47	-178.45	-545.29	34.29
17	143	403	-21.14	-86.96	-74.34	-33.76	-25.91	-162.69	-524.42	-165.45	-521.67	-31.45
17	143	405	12.35	-174.04	11.66	-173.34	-11.36	189.34	-90.24	188.73	-89.63	13.09
17	143	406	23.31	-75.61	-73.67	21.37	13.71	188.19	-5.40	32.02	150.76	76.45
17	143	407	64.93	-31.56	61.90	-28.52	-16.85	1231.35	326.22	327.93	1229.64	-39.29
17	143	411	76.43	-39.60	66.30	-29.47	-32.74	1331.53	326.91	328.15	1330.29	35.25
17	143	412	17.17	-82.70	-71.45	5.92	-31.57	208.98	49.24	101.44	156.77	-74.93
17	143	413	15.43	-78.79	10.18	-73.54	21.60	-5.37	-211.04	-113.49	-102.92	-102.70
17	143	414	-0.28	-158.48	-96.90	-61.87	-77.14	652.56	196.48	647.21	201.83	-49.12
17	143	499	76.79	-34.93	76.74	-34.88	-2.48	551.05	15.38	531.07	35.36	101.49
17	143	500	-24.71	-71.80	-45.61	-50.91	-23.40	373.89	120.23	368.60	125.51	36.22
17	143	501	-42.11	-53.89	-43.27	-52.73	3.50	3.83	-163.64	-67.28	-92.53	-82.78
17	143	502	30.57	-6.57	10.93	13.07	18.54	11.73	-425.46	-404.02	-9.70	-94.40
17	143	503	-16.09	-83.88	-69.04	-30.92	-28.03	98.47	-200.73	-159.03	56.76	103.63
17	143	504	51.55	-20.78	35.40	-4.64	-30.11	-114.82	-409.56	-407.67	-116.71	23.52
17	143	526	62.65	-116.21	-11.04	-42.53	-88.03	777.39	147.92	205.78	719.53	-181.86
17	143	527	-138.34	-189.32	-187.62	-140.05	-9.16	1692.20	318.37	318.88	1691.70	-26.40
17	143	528	69.86	-55.43	44.89	-30.45	-50.05	128.20	91.42	111.75	107.87	-18.29
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-259.54	-254.13	-230.29	-126.77		-691.34	-614.84	-687.30	-284.68
			139.21		139.14	60.61	63.66	2491.10		861.65	2486.47	259.29

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	55	297	23.21	67.06	-303.69	-69.89	-166.75	-178.94	2714.65	450.12	1080.09	2084.68	-1014.75
		384	15.27	180.93	-95.28	124.35	-38.71	-111.47	953.43	-1118.83	-829.20	663.80	-718.55
		311	24.91	36.79	-502.78	-242.56	-223.43	-269.62	232.82	-1635.42	173.56	-1576.15	-327.43
		355	24.04	18.72	-148.18	-122.16	-7.30	-60.55	-1143.90	-3896.36	-1240.24	-3800.03	-505.83
1	113	297	17.25	17.13	-218.89	-50.99	-150.77	-106.94	1958.97	3.02	686.21	1275.78	-932.49
		384	11.75	115.15	-78.26	94.99	-58.11	-59.10	676.76	-1046.15	-738.28	368.89	-660.04
		311	19.01	-27.45	-372.57	-197.74	-202.29	-172.55	165.91	-1368.54	107.83	-1310.47	-292.82
		355	20.69	-24.61	-108.50	-102.19	-30.93	-22.14	-921.34	-3327.31	-1013.28	-3235.37	-461.25
1	145	297	17.16	9.99	-217.88	-50.71	-157.18	-100.73	1934.60	-69.27	656.96	1208.37	-963.26

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		384	12.15	111.02	-81.20	95.17	-65.34	-52.88	668.28	-1085.44	-759.01	341.85	-682.58
		311	19.09	-38.74	-371.55	-200.26	-210.03	-166.33	162.85	-1395.21	102.31	-1334.67	-301.10
		355	21.18	-34.23	-108.13	-104.53	-37.84	-15.92	-931.08	-3396.02	-1026.92	-3300.17	-476.52
2	85	99	16.21	199.56	-217.69	-116.09	97.96	-179.08	448.44	-344.39	38.08	65.97	-396.17
		163	12.81	-74.36	-124.81	-119.55	-79.62	-15.42	-175.01	-1758.52	-194.73	-1738.79	-175.62
		349	23.72	191.78	-185.26	56.05	-49.52	-180.98	2960.72	1650.75	2191.10	2420.36	-644.88
		96	15.31	156.82	-6.70	14.53	135.58	-54.97	309.94	-1559.04	-1514.09	264.99	-286.35
2	116	99	14.76	176.49	-236.80	-105.54	45.23	-192.41	308.97	-197.90	38.32	72.74	-252.85
		163	10.82	-7.15	-147.58	-104.98	-49.75	-64.56	-128.20	-1417.65	-136.42	-1409.43	-102.64
		349	20.67	204.22	-187.66	37.47	-20.92	-193.75	2203.54	1180.25	1661.92	1721.88	-510.77
		96	13.53	134.20	-75.11	-10.54	69.63	-96.67	288.01	-1216.24	-1183.35	255.12	-220.00
2	148	99	15.35	182.50	-254.26	-110.40	38.64	-205.27	306.53	-180.12	44.20	82.21	-242.58
		163	11.14	6.53	-160.23	-107.79	-45.91	-77.42	-129.78	-1441.29	-136.32	-1434.74	-92.40
		349	21.25	217.57	-198.97	35.51	-16.91	-206.62	2189.54	1167.45	1660.33	1696.66	-510.72
		96	13.98	140.56	-91.90	-14.54	63.19	-109.54	297.18	-1210.94	-1177.99	264.24	-220.46
3	76	124	18.90	-79.93	-232.20	-180.29	-131.84	-72.18	-2.90	-2585.43	-221.42	-2366.91	718.73
		158	18.60	-82.87	-172.69	-140.00	-115.56	-43.21	-321.68	-2495.80	-344.38	-2473.10	-220.99
		141	29.36	-43.45	-163.65	-89.59	-117.51	-58.46	-1470.88	-4413.74	-1471.03	-4413.59	-21.48
		123	27.90	-28.74	-158.34	-60.38	-126.70	-55.68	-1475.46	-4159.52	-1489.06	-4145.92	190.59
3	120	124	15.34	-47.46	-159.68	-107.63	-99.51	-55.97	-381.04	-2256.48	-532.12	-2105.40	510.41
		158	16.42	-46.95	-116.01	-76.96	-85.99	-34.23	-612.18	-2313.27	-634.88	-2290.58	-195.16
		141	24.80	-27.25	-124.69	-58.65	-93.30	-45.54	-1447.55	-3769.64	-1448.95	-3768.24	-56.98
		123	23.03	-13.96	-122.17	-36.20	-99.93	-43.73	-1451.52	-3466.13	-1455.74	-3461.92	92.06
3	152	124	15.69	-44.86	-157.14	-100.96	-101.04	-56.14	-456.79	-2310.79	-604.31	-2163.27	501.75
		158	16.93	-43.47	-114.41	-70.32	-87.56	-34.41	-684.46	-2393.39	-708.45	-2369.41	-201.03
		141	25.32	-26.40	-125.99	-56.44	-95.95	-45.71	-1511.45	-3847.05	-1513.34	-3845.16	-66.48
		123	23.43	-12.51	-123.83	-33.96	-102.38	-43.90	-1515.55	-3521.51	-1518.73	-3518.33	79.81
4	76	121	26.71	7.42	-459.84	-339.70	-112.72	-204.21	1705.30	-164.34	1564.78	-23.82	492.92
		130	16.66	16.26	-283.57	-175.56	-91.75	143.94	1371.12	-53.87	1365.52	-48.26	-89.21
		158	21.79	-53.06	-268.50	-189.24	-132.33	-103.89	-214.25	-2693.75	-267.00	-2641.00	-357.80
		124	21.14	-102.55	-128.83	-128.82	-102.56	-0.51	75.35	-2888.30	-210.08	-2602.87	874.33
4	118	121	17.82	18.76	-296.90	-205.51	-72.63	-143.16	1066.63	-277.97	950.56	-161.90	377.62
		130	9.71	14.23	-153.86	-81.73	-57.91	83.20	794.37	-207.73	784.37	-197.73	-99.62
		158	17.35	-30.62	-189.47	-124.41	-95.68	-78.11	-412.79	-2223.19	-466.08	-2169.91	-305.98
		124	16.30	-58.42	-92.31	-79.56	-71.17	-16.42	-193.29	-2388.99	-421.28	-2161.00	669.79
4	150	121	17.44	23.15	-290.96	-195.07	-72.74	-144.66	1018.35	-306.64	902.22	-190.51	374.67
		130	9.24	17.19	-146.75	-71.35	-58.21	81.70	746.65	-241.40	735.23	-229.98	-105.61
		158	17.60	-27.73	-188.54	-119.45	-96.82	-79.61	-461.28	-2255.39	-517.74	-2198.93	-313.22
		124	16.43	-55.25	-91.17	-74.54	-71.87	-17.91	-243.62	-2421.16	-472.24	-2192.54	667.50
5	55	17	19.96	-339.37	-401.61	-339.49	-401.50	2.69	6013.77	-317.40	300.52	5395.86	1878.91
		64	13.37	-282.77	-417.60	-295.99	-404.37	-40.10	3019.10	-492.88	-397.95	2924.17	-569.54
		19	28.06	-224.41	-454.79	-234.44	-444.76	-47.01	-2186.92	-9422.60	-2233.34	-9376.18	-577.72
		199	28.68	-242.67	-470.47	-341.40	-371.74	-112.88	-6591.86	-1.023e+04	-6597.44	-1.023e+04	142.49
5	95	17	12.75	-270.00	-308.67	-271.87	-306.80	-8.30	3308.26	-850.20	-325.44	2783.50	1380.87
		64	8.10	-222.49	-328.52	-240.11	-310.90	-39.47	1320.40	-935.79	-818.90	1203.50	-500.08
		19	21.97	-189.78	-354.38	-203.83	-340.33	-45.99	-2437.25	-7574.35	-2482.79	-7528.81	-481.55
		199	22.85	-191.97	-374.88	-281.86	-284.99	-91.44	-5431.90	-8181.13	-5446.10	-8166.92	197.11
5	127	17	12.40	-271.10	-309.43	-274.03	-306.51	-10.17	3102.81	-1001.48	-456.84	2558.18	1392.38
		64	7.71	-222.89	-330.31	-242.31	-310.89	-41.34	1136.92	-1076.89	-944.94	1004.98	-524.11
		19	22.40	-191.87	-355.95	-207.27	-340.55	-47.86	-2629.16	-7789.49	-2677.56	-7741.09	-497.42
		199	23.40	-191.79	-378.40	-285.25	-284.94	-93.30	-5629.26	-8422.97	-5646.22	-8406.00	217.05
6	36	535	19.50	-275.19	-428.34	-275.40	-428.13	5.69	5812.26	1615.32	1726.96	5700.62	675.35
		127	19.81	-281.01	-423.30	-285.48	-418.83	-24.82	5914.06	1216.60	1518.83	5611.82	1152.55
		64	14.42	-286.67	-421.41	-291.59	-416.49	-25.27	3440.04	188.64	224.99	3403.69	-341.84
		17	16.68	-317.22	-399.48	-321.31	-395.39	-17.87	4463.87	-486.00	213.00	3764.87	1723.77
6	100	535	15.61	-226.31	-330.21	-228.08	-328.44	13.41	4799.78	1293.33	1397.97	4695.14	596.61
		127	15.10	-235.28	-317.67	-236.43	-316.52	-9.66	4580.33	916.08	1128.69	4367.72	856.65
		64	11.39	-239.49	-316.06	-240.65	-314.89	-9.39	2810.72	-39.55	-6.33	2777.51	-305.89
		17	13.30	-262.92	-303.86	-263.25	-303.53	-3.68	3721.96	-331.55	82.85	3307.56	1228.03
6	132	535	15.87	-228.82	-330.66	-231.23	-328.25	15.46	4931.08	1317.08	1427.11	4821.06	620.91
		127	15.21	-238.68	-316.07	-239.43	-315.32	-7.61	4649.73	928.14	1137.79	4440.07	858.08
		64	11.52	-242.87	-314.41	-243.63	-313.65	-7.34	2874.56	-86.44	-49.87	2837.99	-327.03
		17	13.51	-266.33	-303.49	-266.40	-303.42	-1.64	3822.15	-350.54	50.03	3421.58	1229.23
7	2	125	27.19	-287.78	-580.16	-289.40	-578.53	-21.73	-2016.75	-8047.17	-2017.50	-8046.43	-67.06
		227	21.96	-307.02	-539.93	-315.95	-531.00	-44.72	-1390.34	-6088.67	-1426.54	-6052.47	410.81
		127	19.51	-324.15	-519.02	-331.89	-511.28	-38.06	4981.75	877.73	1147.74	4711.73	1017.46
		535	18.48	-318.70	-522.51	-318.87	-522.34	5.90	4541.22	871.40	1007.67	4404.95	693.92
7	95	125	13.80	-177.69	-375.11	-180.37	-372.43	22.83	-972.67	-3454.40	-974.79	-3452.28	72.62
		227	10.36	-199.24	-342.15	-204.85	-336.54	-27.76	-301.09	-2347.62	-555.63	-2093.09	675.37
		127	15.62	-226.23	-332.10	-226.40	-331.92	4.30	4725.50	861.19	1075.50	4511.20	884.44
		535	14.81	-211.27	-338.65	-214.56	-335.36	20.20	4337.75	714.60	885.99	4166.36	769.15
7	127	125	13.74	-176.67	-377.25	-180.57	-373.35	27.69	-959.53	-3407.74	-963.52	-3403.75	98.77
		227	10.24	-201.24	-340.69	-205.11	-336.82	-22.90	-264.83	-2286.67	-538.95	-2012.56	692.15

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		127	15.79	-226.25	-333.84	-227.03	-333.05	9.16	4809.70	851.22	1073.28	4587.65	910.87
		535	14.93	-210.17	-341.53	-215.15	-336.56	25.07	4394.83	683.72	867.64	4210.91	805.44
8	68	339	89.10	-300.53	-626.42	-388.34	-538.61	-144.59	-7603.36	-3.674e+04	-7611.62	-3.673e+04	-490.42
		228	80.38	-186.00	-691.79	-369.62	-508.18	243.22	-6529.93	-3.329e+04	-6757.51	-3.306e+04	-2457.44
		227	26.17	-279.59	-537.16	-281.55	-535.20	-22.41	-1839.87	-7961.95	-1895.90	-7905.93	582.97
		125	31.82	-215.28	-614.37	-256.01	-573.64	120.82	-2624.12	-1.017e+04	-2641.41	-1.016e+04	-360.86
8	123	339	68.43	-200.67	-467.00	-249.12	-418.55	-102.75	-5872.65	-2.809e+04	-5877.97	-2.808e+04	-343.79
		228	61.81	-102.62	-526.26	-232.55	-396.33	195.35	-5036.91	-2.545e+04	-5215.70	-2.527e+04	-1901.90
		227	20.19	-179.62	-417.75	-180.10	-417.27	-10.71	-1488.23	-6046.06	-1526.34	-6007.96	415.01
		125	24.30	-128.92	-479.02	-160.88	-447.06	100.84	-2064.12	-7642.46	-2081.73	-7624.85	-312.88
8	155	339	68.44	-193.13	-464.66	-238.42	-419.36	-101.23	-5878.91	-2.806e+04	-5884.05	-2.806e+04	-337.50
		228	61.85	-94.09	-525.15	-221.89	-397.35	196.87	-5043.80	-2.543e+04	-5222.90	-2.525e+04	-1902.43
		227	20.20	-171.95	-419.05	-172.29	-418.70	-9.19	-1503.48	-6030.42	-1541.69	-5992.20	414.17
		125	24.31	-121.03	-480.35	-153.04	-448.34	102.35	-2077.95	-7619.49	-2095.71	-7601.74	-313.18
9	67	14	4.89	29.41	-59.49	4.58	-34.66	-39.89	245.40	-158.77	107.04	-20.41	-191.78
		134	3.26	25.59	-64.57	0.41	-39.38	40.45	28.55	-96.37	-26.83	-40.99	-62.06
		81	4.92	-12.10	-43.62	-13.33	-42.39	6.11	633.58	305.64	307.37	631.85	-23.77
		373	4.28	-5.46	-41.57	-5.76	-41.27	3.28	536.38	173.11	259.22	450.27	-154.49
9	121	14	3.34	26.76	-39.45	10.34	-23.03	-28.59	205.92	-39.87	132.54	33.52	-112.48
		134	1.83	19.76	-35.98	9.28	-25.49	21.79	50.20	5.93	33.48	22.65	-21.46
		81	3.08	-6.07	-30.29	-6.70	-29.65	3.87	384.36	232.36	232.37	384.35	1.36
		373	2.63	3.51	-28.38	3.48	-28.36	-0.92	347.54	154.38	224.76	277.16	-92.96
9	153	14	3.39	29.37	-39.21	13.37	-23.21	-29.00	216.07	-23.02	150.68	42.38	-106.58
		134	1.80	21.89	-35.32	12.30	-25.72	21.37	60.48	23.26	51.73	32.00	-15.78
		81	3.14	-4.39	-30.59	-4.85	-30.12	3.46	393.89	249.44	249.79	393.54	7.15
		373	2.65	5.39	-28.82	5.34	-28.77	-1.34	353.62	174.30	242.07	285.85	-86.94
10	67	373	4.25	-6.99	-51.96	-7.95	-51.01	-6.48	535.20	208.21	297.65	445.76	-145.76
		81	5.22	-9.17	-59.47	-14.63	-54.01	15.65	609.36	272.67	273.13	608.89	-12.48
		105	8.16	-26.10	-61.99	-36.25	-51.84	16.17	1155.84	439.42	444.25	1151.01	58.60
		78	6.83	-22.88	-55.36	-24.23	-54.01	6.48	915.32	460.72	463.77	912.26	37.13
10	105	373	2.56	4.21	-39.79	-1.95	-33.63	-15.26	354.00	116.69	201.84	268.84	-113.83
		81	3.26	-8.34	-38.41	-8.39	-38.36	1.24	367.07	166.56	166.63	367.00	-3.82
		105	5.54	-23.60	-37.75	-24.10	-37.25	2.61	773.19	294.38	299.67	767.90	50.04
		78	4.54	-12.35	-36.66	-13.27	-35.73	-4.66	607.50	326.88	326.96	607.42	-4.70
10	137	373	2.60	6.87	-40.95	-0.45	-33.63	-17.22	361.37	125.53	210.32	276.58	-113.17
		81	3.33	-6.96	-38.85	-6.97	-38.83	-0.71	375.36	175.28	175.28	375.36	-0.10
		105	5.62	-22.89	-37.76	-22.92	-37.73	0.66	782.43	301.94	308.11	776.27	54.08
		78	4.60	-10.29	-37.48	-12.00	-35.77	-6.61	615.23	335.19	335.25	615.16	-4.26
11	24	351	3.54	-3.44	-25.60	-3.83	-25.21	2.91	449.11	24.81	160.15	313.77	-197.76
		458	2.98	-14.11	-61.02	-32.02	-43.12	-22.79	246.87	-134.57	-124.95	237.25	-59.80
		459	3.50	25.23	-48.40	15.89	-39.05	-24.51	321.38	39.95	54.61	306.73	-62.53
		306	2.60	24.12	-20.51	18.63	-15.02	14.67	222.52	-8.24	74.42	139.86	-110.64
11	116	351	2.68	-4.35	-30.98	-10.25	-25.08	-11.06	201.68	-163.39	-43.47	81.76	-171.46
		458	3.22	-0.64	-62.31	-31.48	-31.47	-30.83	-24.96	-280.94	-279.78	-26.12	-17.20
		459	2.44	23.78	-47.94	4.23	-28.40	-31.94	68.84	-137.60	-128.34	59.58	-42.75
		306	1.54	5.98	-17.03	5.83	-16.88	-1.85	113.69	-124.52	-26.13	15.30	-117.29
11	148	351	2.94	-3.65	-34.26	-11.90	-26.01	-13.58	204.52	-182.08	-60.38	82.82	-179.55
		458	3.42	1.31	-65.42	-32.95	-31.16	-33.35	-28.34	-297.67	-296.56	-29.45	-17.27
		459	2.59	24.94	-50.45	2.53	-28.04	-34.46	67.35	-145.25	-136.13	58.23	-43.08
		306	1.76	4.80	-18.68	3.95	-17.83	-4.37	119.82	-136.52	-34.43	17.73	-125.49
12	66	101	15.54	172.77	-242.30	3.14	-72.66	204.04	1172.42	522.75	532.45	1162.71	-78.80
		178	13.87	-20.47	-262.86	-121.66	-161.67	119.53	497.38	-587.18	9.25	-99.05	-539.57
		379	12.16	-77.84	-142.88	-141.71	-79.01	8.65	1192.15	-242.52	1050.43	-100.80	-428.07
		132	31.88	110.84	-534.75	-438.55	14.64	229.89	-2279.74	-2981.25	-2470.20	-2790.79	311.99
12	119	101	14.80	190.23	-249.66	-10.06	-49.37	219.07	848.83	301.13	307.73	842.23	-59.75
		178	13.60	36.06	-271.41	-106.06	-129.30	153.30	284.46	-463.94	-92.56	-86.92	-374.19
		379	11.09	-16.47	-166.58	-118.79	-64.26	69.93	840.48	-183.56	757.13	-100.21	-280.01
		132	26.54	143.12	-455.76	-333.76	21.12	241.21	-1772.20	-2286.25	-1910.70	-2147.75	228.07
12	151	101	15.56	204.15	-265.53	-12.92	-48.45	234.17	838.93	279.65	286.24	832.35	-60.32
		178	14.38	48.50	-288.98	-109.45	-131.03	168.39	265.71	-469.84	-113.05	-91.09	-367.61
		379	11.61	-3.69	-182.35	-120.41	-65.63	85.03	828.87	-181.67	749.26	-102.06	-272.23
		132	27.16	156.16	-468.58	-334.78	22.35	256.30	-1779.93	-2295.51	-1919.75	-2155.69	229.21
13	67	102	15.47	71.67	-188.80	26.25	-143.38	98.82	1537.62	675.24	734.74	1478.12	-218.57
		192	11.82	-45.38	-241.89	-103.45	-183.82	89.66	1167.31	441.09	526.53	1081.88	233.98
		178	13.79	-15.83	-229.68	-78.60	-166.91	97.38	936.76	-164.76	451.20	320.80	-546.89
		101	14.69	135.95	-288.11	-50.93	-101.23	210.54	559.86	17.10	127.28	449.68	218.32
13	121	102	14.94	120.78	-216.77	6.51	-102.50	159.73	1253.54	564.77	597.17	1221.15	-145.81
		192	11.52	38.81	-266.22	-88.46	-138.95	150.41	968.07	385.10	436.55	916.63	165.36
		178	15.12	60.35	-257.04	-72.02	-124.66	156.50	749.84	-116.65	312.85	320.34	-433.23
		101	16.32	184.58	-301.92	-47.56	-69.78	243.00	507.01	-20.96	62.03	424.01	192.18
13	153	102	15.77	137.81	-235.39	3.96	-101.54	178.99	1267.31	572.68	603.20	1236.80	-142.36
		192	12.31	56.32	-286.36	-91.16	-138.88	169.67	982.56	393.87	442.59	933.83	162.20
		178	16.21	77.84	-277.18	-74.78	-124.57	175.76	756.48	-114.99	306.10	335.39	-435.49

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		101	17.49	202.94	-321.90	-50.13	-68.84	262.25	521.49	-28.12	54.60	438.77	196.53
14	56	140	14.70	-168.77	-257.55	-215.65	-210.66	-44.32	-177.61	-1397.60	-198.42	-1376.78	-158.00
		196	12.92	-90.38	-291.64	-229.69	-152.34	92.90	-138.95	-993.81	-190.84	-941.92	204.12
		192	12.83	-85.57	-204.64	-103.38	-186.83	42.47	1319.11	498.96	533.82	1284.25	165.45
		102	16.68	68.58	-223.09	18.93	-173.43	109.63	1632.83	651.94	655.72	1629.05	-60.80
14	119	140	9.83	-121.11	-195.51	-170.01	-146.61	35.31	-103.70	-970.61	-116.62	-957.68	-105.06
		196	12.01	13.77	-272.81	-175.12	-83.92	135.84	-76.85	-738.08	-118.98	-695.94	161.52
		192	10.13	0.21	-198.30	-84.88	-113.22	98.24	1044.97	403.80	427.12	1021.65	120.02
		102	14.93	97.63	-224.05	-0.44	-125.98	148.09	1361.98	529.54	531.51	1360.00	-40.54
14	151	140	9.84	-108.02	-210.22	-171.32	-146.91	49.62	-96.68	-949.97	-109.18	-937.47	-102.51
		196	12.62	30.45	-284.96	-175.49	-79.03	150.15	-70.59	-731.08	-113.11	-688.56	162.10
		192	10.44	15.40	-210.75	-86.75	-108.61	112.55	1051.70	406.82	429.45	1029.07	118.67
		102	15.51	108.93	-238.30	-3.29	-126.08	162.40	1381.26	533.68	535.53	1379.40	-39.63
15	87	353	3.14	-6.66	-61.92	-12.00	-56.58	16.32	590.83	341.10	477.19	454.75	-124.36
		9	3.53	35.62	-89.59	7.77	-61.74	-52.07	655.08	238.79	318.76	575.11	-164.00
		82	3.85	44.16	-78.99	18.73	-53.56	-49.85	452.07	69.51	287.31	234.27	-189.43
		237	2.01	27.55	-43.87	26.36	-42.68	9.15	372.86	195.55	334.18	234.23	-73.23
15	114	353	2.49	-8.06	-49.12	-8.72	-48.46	5.16	553.00	245.91	476.81	322.10	-132.64
		9	3.50	38.67	-75.45	11.21	-47.99	-48.78	650.42	221.45	314.81	557.06	-177.01
		82	3.56	46.01	-69.60	20.20	-43.79	-48.14	451.55	103.36	269.15	285.76	-173.89
		237	2.21	19.00	-38.82	18.94	-38.75	-1.92	406.19	126.70	381.02	151.87	-80.01
15	146	353	2.51	-8.22	-50.30	-8.31	-50.22	1.91	580.84	241.30	503.06	319.07	-142.68
		9	3.73	41.98	-78.12	11.90	-48.05	-52.04	690.22	247.10	348.02	589.30	-185.84
		82	3.74	48.84	-72.55	20.44	-44.14	-51.40	488.35	132.89	303.08	318.15	-177.57
		237	2.39	19.18	-41.09	18.73	-40.64	-5.18	433.33	123.68	407.95	149.06	-84.95
16	68	103	21.70	432.49	130.21	291.04	271.66	150.83	92.71	-2414.62	-2258.29	-63.61	606.23
		101	19.33	94.15	-402.50	-111.42	-196.93	244.62	1064.57	-54.95	156.68	852.94	438.33
		132	26.17	222.04	-366.46	-276.86	132.44	211.43	-695.92	-2707.84	-1119.19	-2284.56	820.02
		251	38.98	169.07	-791.77	-535.85	-86.85	424.74	860.73	-846.38	326.93	-312.58	-791.40
16	121	103	18.72	369.70	-5.45	191.77	172.48	187.33	126.15	-1731.35	-1577.84	-27.36	511.45
		101	18.35	136.46	-365.55	-95.63	-133.47	250.29	890.88	106.53	291.44	705.97	332.93
		132	23.84	213.68	-365.47	-251.89	100.10	229.96	-504.42	-2068.91	-821.51	-1751.82	628.92
		251	33.06	155.16	-697.58	-451.67	-90.75	386.30	666.95	-560.56	335.24	-228.85	-545.11
16	153	103	19.52	378.78	-28.00	186.56	164.22	203.08	136.07	-1708.44	-1547.81	-24.57	520.09
		101	19.24	151.12	-381.99	-98.86	-132.00	266.04	902.96	132.51	322.13	713.34	331.87
		132	24.72	224.46	-385.65	-261.39	100.20	245.71	-495.77	-2067.65	-810.70	-1752.72	629.16
		251	33.91	159.32	-722.87	-463.23	-100.32	402.05	664.76	-550.33	345.38	-230.95	-534.86
17	65	15	22.32	374.62	-40.06	85.43	249.13	190.50	-317.08	-2520.61	-2494.29	-343.40	239.37
		102	15.22	58.81	-192.34	21.47	-155.01	89.35	1663.83	1289.07	1410.11	1542.79	-175.25
		101	17.50	160.07	-267.81	7.75	-115.49	204.88	874.95	-11.67	562.31	300.97	423.61
		103	21.52	294.98	-31.45	46.26	217.26	139.02	-289.38	-2479.20	-2401.59	-366.99	404.88
17	113	15	19.04	358.14	-85.07	75.40	197.67	213.00	-254.63	-1882.21	-1870.77	-266.07	135.99
		102	14.01	104.96	-191.54	25.94	-112.52	131.09	1352.59	1034.32	1114.68	1272.22	-138.27
		101	17.05	175.12	-268.36	-8.11	-85.13	218.37	808.31	78.25	552.21	334.35	348.39
		103	18.88	286.68	-91.77	20.30	174.61	172.78	-228.27	-1797.92	-1740.93	-285.26	293.61
17	145	15	19.58	375.18	-97.26	77.39	200.52	228.05	-257.82	-1876.04	-1866.06	-267.80	126.70
		102	14.64	120.28	-203.11	27.79	-110.62	146.14	1368.53	1040.73	1120.21	1289.04	-140.49
		101	17.94	188.34	-284.18	-11.40	-84.44	233.42	834.68	95.13	576.11	353.70	352.66
		103	19.49	300.74	-107.26	17.15	176.33	187.83	-227.86	-1779.98	-1724.07	-283.77	289.23
18	67	348	10.73	135.75	-136.97	-121.13	119.91	63.79	-48.69	-641.41	-66.29	-623.80	100.61
		140	13.28	-154.04	-285.22	-223.24	-216.03	65.49	-283.91	-1279.27	-383.39	-1179.79	-298.53
		102	17.43	65.37	-218.66	41.39	-194.68	78.97	1825.23	919.19	1189.94	1554.48	-414.73
		15	20.77	366.73	-10.99	112.13	243.61	177.05	396.35	-1952.19	-1947.15	391.30	108.74
18	119	348	10.39	181.65	-120.54	-83.47	144.58	99.13	-39.07	-419.59	-46.97	-411.69	54.25
		140	10.06	-54.46	-265.11	-166.67	-152.89	105.10	-216.95	-898.11	-296.20	-818.87	-218.40
		102	15.43	90.32	-194.77	38.98	-143.44	109.55	1490.20	772.06	957.00	1305.25	-314.02
		15	18.98	382.21	-20.91	109.18	252.12	188.47	419.72	-1417.63	-1414.94	417.03	70.30
18	151	348	11.00	202.51	-124.41	-80.28	158.38	111.71	-38.90	-400.25	-46.35	-392.81	51.33
		140	10.25	-41.51	-277.24	-166.10	-152.65	117.68	-214.71	-880.68	-295.40	-799.99	-217.31
		102	15.99	101.92	-203.79	40.99	-142.86	122.12	1507.71	784.80	966.51	1326.00	-313.60
		15	19.73	405.01	-24.98	113.83	266.20	201.04	440.11	-1407.24	-1404.78	437.65	67.44
19	47	96	16.58	183.83	-27.01	17.26	139.57	-85.87	293.53	-1704.78	-1689.13	277.88	-176.15
		349	17.72	145.77	-129.81	37.76	-21.80	-134.53	2294.99	1600.04	2146.17	1748.86	-285.08
		315	13.60	164.10	-136.74	73.38	-46.02	-138.07	1353.42	930.95	1299.32	985.05	-141.17
		95	21.92	261.43	-60.55	23.52	177.37	-141.42	-316.64	-2609.41	-2346.72	-579.33	730.26
19	116	96	14.27	186.25	-81.44	-0.85	105.66	-122.79	174.80	-1286.77	-1278.79	166.81	-107.73
		349	16.33	171.86	-153.49	18.99	-0.62	-162.38	1822.46	1227.84	1680.75	1369.55	-253.34
		315	13.07	196.03	-144.40	65.29	-13.66	-165.57	960.87	670.40	884.19	747.08	-128.04
		95	20.38	260.25	-91.79	23.93	144.54	-165.36	-281.49	-2151.18	-1928.49	-504.18	605.62
19	148	96	14.70	196.85	-94.59	-3.71	105.98	-135.00	166.76	-1283.39	-1276.00	159.38	-103.24
		349	16.95	184.47	-165.01	16.92	2.54	-174.59	1834.32	1226.08	1686.03	1374.37	-261.17
		315	13.68	210.55	-153.20	67.04	-9.69	-177.78	947.38	659.40	860.40	746.39	-132.23
		95	21.15	272.78	-102.20	25.13	145.46	-177.58	-290.17	-2181.56	-1954.57	-517.16	614.66

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
20	2	95	21.62	308.52	-90.89	-14.33	231.97	-157.21	1436.77	-1256.73	-1120.24	1300.28	590.76
		315	15.25	227.69	-146.39	116.92	-35.62	-170.78	-50.10	-1104.49	-859.18	-295.40	-445.50
		201	9.57	13.85	-204.57	-32.99	-157.73	-89.64	248.44	-441.94	243.51	-437.00	58.18
		217	28.00	430.58	-58.07	146.61	225.90	-241.09	-1052.23	-3329.50	-2798.60	-1583.13	-962.88
20	116	95	21.51	302.11	-91.61	3.62	206.88	-168.59	1049.70	-1950.63	-1796.06	895.13	663.22
		315	13.20	227.86	-136.77	110.19	-19.11	-170.47	710.90	422.60	565.06	568.45	-144.14
		201	11.30	71.69	-184.27	-20.22	-92.36	-122.79	527.50	-656.25	446.62	-575.37	298.65
		217	21.64	374.21	-87.22	114.25	172.74	-228.85	-1125.89	-2581.58	-2416.00	-1291.47	-462.19
20	148	95	21.84	316.70	-97.00	6.03	213.67	-178.91	1050.33	-1973.48	-1819.37	896.22	665.01
		315	13.64	239.44	-144.17	111.71	-16.45	-180.79	700.57	416.98	542.87	574.68	-140.90
		201	11.88	83.33	-192.14	-19.04	-89.77	-133.11	516.07	-653.52	430.68	-568.14	304.26
		217	22.18	389.04	-93.46	116.18	179.40	-239.17	-1128.59	-2594.33	-2433.21	-1289.71	-458.48
21	87	217	33.12	368.10	-196.56	87.85	83.69	-282.32	-2838.21	-3797.09	-3223.84	-3411.46	470.17
		201	11.12	149.80	-67.83	149.37	-67.41	-9.59	1088.63	433.30	978.55	543.37	244.99
		177	32.75	-141.04	-537.60	-432.14	-246.50	-175.21	1900.83	-1619.23	1716.46	-1434.85	784.22
		218	22.92	172.31	8.01	31.94	148.38	57.96	1389.72	-2071.38	-2032.04	1350.38	-366.90
21	123	217	23.39	234.22	-83.87	105.98	44.37	-156.03	-2280.09	-2894.78	-2526.08	-2648.78	301.16
		201	9.63	110.00	-87.33	83.99	-61.32	66.75	886.67	419.48	837.52	468.64	143.35
		177	25.64	-175.40	-472.99	-452.73	-195.66	-74.97	1313.78	-1197.11	1197.39	-1080.72	527.92
		218	22.28	101.99	-255.24	-199.78	46.53	129.37	1076.20	-1488.80	-1455.95	1043.35	-288.43
21	155	217	22.94	221.37	-75.88	105.09	40.41	-145.06	-2289.74	-2886.08	-2523.74	-2652.08	291.18
		201	9.97	117.68	-95.06	83.94	-61.32	77.72	888.38	430.01	844.52	473.87	134.84
		177	26.13	-186.76	-493.50	-479.51	-200.75	-64.00	1317.56	-1189.84	1203.56	-1075.84	522.34
		218	22.98	97.89	-287.88	-227.33	37.33	140.33	1075.35	-1486.66	-1452.01	1040.69	-295.96
22	88	163	18.30	220.38	-225.29	-73.75	68.84	-211.12	-140.16	-1077.14	-275.70	-941.60	329.58
		311	11.09	-77.13	-132.44	-109.89	-99.67	27.18	-170.48	-1353.67	-182.36	-1341.79	117.96
		384	11.57	42.45	-18.76	19.56	4.13	-29.61	521.06	-1293.43	-1290.30	517.93	75.29
		349	14.47	111.61	-141.79	3.17	-33.35	-125.38	1706.65	1177.65	1448.81	1435.49	264.41
22	114	163	17.48	231.60	-212.75	-50.15	69.00	-214.04	-164.99	-991.02	-261.36	-894.66	265.17
		311	8.02	-35.92	-104.78	-85.65	-55.05	-30.84	-147.59	-1130.24	-168.03	-1109.80	140.24
		384	9.31	93.20	-52.59	12.86	27.75	-72.51	326.03	-970.99	-960.64	315.69	115.35
		349	13.16	137.73	-155.26	-3.53	-14.01	-146.40	1250.09	761.57	1082.95	928.71	231.76
22	146	163	18.26	244.30	-223.44	-50.25	71.11	-225.86	-175.74	-1027.00	-271.98	-930.76	269.57
		311	8.04	-21.16	-113.58	-85.13	-49.61	-42.67	-151.67	-1150.48	-174.97	-1127.19	150.75
		384	9.69	107.66	-62.26	12.42	32.98	-84.34	312.64	-973.65	-960.56	299.55	129.08
		349	13.76	149.83	-166.71	-4.76	-12.11	-158.22	1243.32	729.77	1079.23	893.86	239.47
23	87	349	13.58	103.49	-117.16	9.62	-23.29	-109.09	1832.08	1673.32	1756.60	1748.80	-79.28
		384	13.97	107.66	-43.48	52.38	11.81	-72.79	-413.96	-1797.36	-1753.49	-457.84	242.43
		357	11.35	97.69	-14.90	59.97	22.81	-53.14	-145.87	-1419.76	-1415.87	-149.77	70.31
		315	18.31	149.10	-151.11	83.80	-85.81	-123.86	1898.20	541.29	1703.94	735.55	-475.24
23	114	349	12.51	128.75	-135.89	3.47	-10.61	-132.13	1475.11	1329.70	1383.51	1421.30	-70.21
		384	12.96	134.27	-76.99	34.78	22.50	-105.45	-192.43	-1379.39	-1302.42	-269.40	292.29
		357	10.03	129.84	-51.09	44.94	33.81	-90.29	6.32	-951.21	-923.19	-21.70	161.38
		315	16.57	156.92	-152.47	62.59	-58.14	-142.43	1609.15	511.13	1460.48	659.80	-375.69
23	146	349	13.01	140.49	-147.26	2.24	-9.01	-143.76	1485.87	1339.11	1388.52	1436.46	-69.36
		384	13.62	146.74	-87.58	33.81	25.35	-117.08	-166.73	-1385.89	-1297.51	-255.11	316.13
		357	10.59	142.94	-61.07	45.02	36.86	-101.92	34.69	-929.08	-892.08	-2.31	185.16
		315	17.16	168.11	-162.09	62.37	-56.35	-154.06	1638.47	533.11	1491.63	679.95	-375.16
24	2	315	12.86	120.40	-127.23	52.46	-59.29	-110.49	421.66	-690.36	-245.13	-23.56	-544.86
		357	10.47	77.79	-53.71	18.40	5.68	-65.44	1422.64	390.12	1279.68	533.08	356.61
		162	18.05	40.58	-97.11	-74.69	18.16	-50.83	2515.98	606.84	2515.96	606.86	6.42
		201	10.11	52.54	-151.93	22.19	-121.58	-72.69	-48.82	-928.31	-927.19	-49.94	-31.42
24	114	315	16.39	129.23	-132.83	50.58	-54.18	-120.10	1736.23	492.07	1489.63	738.67	-495.98
		357	11.56	156.45	-52.28	67.34	36.83	-103.25	-20.18	-965.67	-895.28	-90.57	248.18
		162	9.60	91.71	-86.29	-27.85	33.26	-83.59	1059.57	206.35	1054.69	211.24	64.38
		201	10.92	107.71	-160.45	36.05	-88.79	-118.66	239.72	-305.23	55.06	-120.57	-257.94
24	146	315	16.85	138.54	-140.95	50.27	-52.68	-129.92	1758.27	519.67	1520.66	757.28	-487.70
		357	11.98	166.39	-61.61	66.97	37.81	-113.06	-18.63	-948.76	-869.23	-98.17	260.11
		162	10.13	102.55	-93.89	-26.04	34.69	-93.41	1090.08	198.29	1084.28	204.09	71.70
		201	11.41	118.38	-167.28	37.95	-86.85	-128.48	266.17	-277.82	89.61	-101.25	-254.70
25	85	201	21.21	-54.64	-189.51	-116.62	-127.52	-67.22	-275.42	-2541.08	-673.93	-2142.57	-862.60
		162	26.78	195.58	-10.76	125.40	59.43	-97.76	4348.91	1816.37	2273.58	3891.69	974.10
		284	55.59	-6.91	-669.63	-609.39	-67.16	-190.52	2409.95	-4880.27	2210.12	-4680.43	-1190.33
		177	27.69	113.77	-78.68	61.99	-26.90	85.35	2864.86	-1765.52	-1492.64	2591.98	1090.43
25	116	201	16.65	-17.20	-162.06	-83.40	-95.86	-72.16	-132.95	-1876.40	-389.25	-1620.10	-617.38
		162	21.90	176.17	-28.54	95.75	51.88	-99.98	3469.05	1542.44	1907.60	3103.88	755.11
		284	42.63	17.47	-522.78	-459.73	-45.58	-173.46	1923.73	-3642.88	1789.90	-3509.05	-852.68
		177	20.66	30.36	-51.25	4.16	-25.05	38.10	2270.38	-1180.93	-962.60	2052.05	840.15
25	148	201	16.80	-10.33	-167.57	-82.29	-95.60	-78.34	-115.39	-1859.24	-361.87	-1612.76	-607.51
		162	22.23	183.58	-33.20	97.10	53.28	-106.16	3496.58	1571.14	1939.15	3128.57	757.07
		284	42.77	21.60	-529.47	-462.85	-45.01	-179.64	1947.12	-3618.22	1814.63	-3485.73	-848.40
		177	20.54	22.10	-47.04	0.78	-25.72	31.93	2284.41	-1167.00	-941.82	2059.23	852.34
26	67	310	31.58	-170.95	-245.61	-244.98	-171.59	6.86	4183.71	1090.95	4161.36	1113.30	261.97

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		328	13.81	-160.54	-205.87	-198.74	-167.67	16.51	75.33	-1326.25	-754.56	-496.37	688.80
		335	12.78	-161.31	-202.85	-195.08	-169.08	-16.20	-606.53	-1191.27	-832.14	-965.66	-284.64
		371	32.00	-153.41	-224.53	-216.45	-161.49	-22.57	4338.18	906.95	4337.85	907.28	-33.63
26	110	310	25.10	-90.79	-155.85	-144.88	-101.75	24.35	3581.72	992.91	3556.96	1017.67	251.97
		328	9.30	-75.38	-140.16	-112.50	-103.04	32.04	182.21	-793.23	-197.52	-413.50	475.61
		335	9.37	-106.23	-138.75	-136.50	-108.48	8.25	-305.71	-1058.48	-538.28	-825.91	-347.82
		371	24.71	-99.49	-151.19	-150.93	-99.75	3.68	3428.64	812.03	3426.21	814.46	-79.70
26	146	310	25.40	-84.38	-153.21	-138.84	-98.75	27.97	3665.85	1025.71	3638.67	1052.89	266.47
		328	9.27	-67.85	-139.41	-106.54	-100.72	35.66	222.41	-761.54	-123.01	-416.11	469.64
		335	9.34	-102.74	-139.27	-134.89	-107.12	11.87	-272.63	-1081.53	-517.81	-836.35	-371.77
		371	24.83	-96.71	-150.25	-149.23	-97.72	7.30	3456.99	836.54	3454.06	839.48	-87.70
27	68	371	32.63	-162.50	-241.42	-217.73	-186.19	-36.17	4503.89	1078.38	4491.98	1090.29	-201.56
		335	12.60	-179.03	-200.02	-198.32	-180.73	-5.73	-612.18	-1134.76	-861.00	-885.94	-260.99
		336	20.97	-138.36	-229.49	-176.51	-191.34	-44.96	144.68	-2253.96	-1304.31	-804.98	-1173.05
		369	28.01	-153.27	-231.15	-205.79	-178.64	-36.50	3731.66	488.84	3685.25	535.24	-385.13
27	96	371	24.68	-113.32	-173.48	-155.07	-131.72	27.72	3399.75	766.21	3389.82	776.13	-161.37
		335	9.15	-81.21	-184.13	-141.42	-123.92	50.71	-479.09	-936.22	-678.16	-737.16	-226.65
		336	14.05	-114.92	-158.47	-140.04	-133.36	21.52	77.65	-1788.93	-1030.36	-680.92	-916.79
		369	21.81	-110.45	-179.01	-162.14	-127.31	29.52	2779.90	320.75	2734.85	365.80	-329.78
27	132	371	24.73	-100.66	-184.79	-154.10	-131.35	40.50	3392.18	750.63	3383.31	759.49	-152.77
		335	9.23	-67.39	-195.59	-140.28	-122.70	63.49	-493.79	-940.30	-684.10	-749.99	-220.81
		336	13.61	-102.59	-171.75	-141.56	-132.77	34.30	56.37	-1794.63	-1042.95	-695.31	-909.03
		369	22.00	-99.59	-191.56	-163.59	-127.56	42.31	2767.80	304.03	2723.42	348.41	-327.70
28	35	516	4.18	43.39	-29.96	24.83	-11.39	31.89	345.13	-126.01	343.94	-124.83	-23.64
		306	2.46	34.73	2.78	34.53	2.98	-2.50	209.40	-76.46	108.96	23.98	-136.47
		307	3.11	64.26	-5.74	63.79	-5.28	-5.68	174.03	-52.35	84.88	36.81	-110.61
28	116	516	3.49	12.99	-10.25	10.82	-8.08	6.76	442.23	-32.21	431.89	-21.87	-69.29
		306	3.49	27.76	-10.23	16.45	1.08	-17.37	370.54	23.12	288.77	104.89	-147.39
		307	3.75	42.90	-13.91	35.04	-6.05	-19.61	318.21	11.36	257.13	72.44	-122.52
28	148	516	3.70	10.44	-8.98	9.64	-8.18	3.87	481.93	-24.25	469.37	-11.69	-78.73
		306	3.82	29.61	-13.36	15.27	0.97	-20.26	409.72	31.60	326.25	115.07	-156.83
		307	4.07	43.97	-16.26	33.86	-6.16	-22.50	357.88	19.36	294.62	82.62	-131.96
29	68	138	2.45	27.71	-23.33	10.15	-5.77	24.24	427.76	78.22	302.46	203.52	167.62
		92	2.75	53.41	4.95	44.53	13.83	18.75	370.27	-92.95	166.33	110.99	229.95
		243	3.10	91.66	-5.98	87.61	-1.93	19.46	174.62	-151.47	53.94	-30.79	157.44
29	114	138	2.71	24.93	-8.39	23.27	-6.73	7.26	135.03	-540.31	-443.33	38.06	236.83
		92	2.61	37.17	5.69	37.15	5.71	-0.76	126.45	-457.34	-314.03	-16.87	251.25
		243	3.17	63.13	-7.30	63.03	-7.19	-2.70	4.39	-460.07	-367.02	-88.66	185.91
29	146	138	3.03	25.30	-8.10	24.44	-7.24	5.30	122.26	-614.09	-515.84	24.01	250.38
		92	2.94	38.55	4.98	38.33	5.20	-2.72	110.25	-527.69	-386.53	-30.91	264.81
		243	3.50	64.50	-8.00	64.20	-7.70	-4.65	-10.07	-532.17	-439.52	-102.71	199.46
30	2	497	2.08	33.84	5.76	17.37	22.23	13.82	165.11	-342.72	-316.18	138.57	113.03
		498	5.14	-29.03	-120.33	-88.38	-60.97	-43.55	832.33	647.20	661.85	817.67	49.99
		352	3.47	20.57	-48.07	-1.33	-26.17	31.99	604.57	25.74	412.97	217.34	272.38
		512	4.13	49.56	-34.96	2.89	11.71	42.03	173.26	-571.57	-426.54	28.23	294.94
30	123	497	1.71	38.15	-6.00	7.63	24.52	20.39	169.05	-56.34	-41.65	154.35	55.65
		498	4.24	-25.57	-80.78	-68.44	-37.91	-23.00	761.24	596.87	743.62	614.49	50.85
		352	3.42	22.18	-40.49	-6.90	-11.41	31.26	747.09	115.94	681.64	181.39	192.41
		512	2.88	47.67	-35.39	-4.56	16.84	40.12	219.35	-108.01	7.14	104.20	156.32
30	155	497	1.76	40.81	-8.07	6.40	26.34	22.31	182.84	-3.27	11.73	167.84	50.66
		498	4.37	-25.82	-79.79	-69.65	-35.96	-21.08	811.36	598.31	794.91	614.76	56.86
		352	3.63	24.28	-42.09	-8.31	-9.50	33.18	817.67	127.24	758.99	185.93	192.54
		512	2.90	50.12	-37.50	-6.00	18.61	42.04	252.95	-41.28	86.78	124.90	145.88
31	67	369	29.91	-92.75	-308.06	-219.36	-181.45	-105.98	4196.60	2165.95	4022.06	2340.49	-569.19
		336	26.22	-167.76	-210.16	-168.69	-209.23	-6.22	354.84	-3222.61	-1681.14	-1186.63	-1771.55
		318	17.60	-89.90	-299.13	-164.58	-224.45	-100.24	1344.46	-838.50	-394.98	900.94	-878.33
		376	23.64	-106.87	-222.38	-106.98	-222.27	-3.55	114.03	-2636.73	47.34	-2570.05	-423.06
31	117	369	22.09	-58.55	-287.52	-168.13	-177.94	-114.38	3060.25	1158.76	2962.60	1256.42	-419.71
		336	22.36	-99.84	-198.34	-124.97	-173.22	-42.93	-29.93	-2626.72	-1269.46	-1387.19	-1297.06
		318	15.38	-23.27	-261.40	-102.53	-182.14	-112.22	784.06	-764.48	-318.14	337.72	-701.40
		376	21.07	-55.37	-210.42	-67.35	-198.44	-41.41	14.77	-2245.72	-33.79	-2197.16	-327.74
31	149	369	22.14	-54.63	-301.35	-168.40	-187.58	-122.98	3056.91	1078.64	2964.47	1171.07	-417.52
		336	23.03	-93.09	-209.28	-124.37	-177.99	-51.54	-78.71	-2673.85	-1267.26	-1485.30	-1292.98
		318	16.01	-13.31	-270.57	-97.80	-186.08	-120.82	715.91	-814.73	-335.27	236.44	-709.93
		376	22.08	-47.91	-222.97	-63.61	-207.27	-50.01	-0.51	-2333.51	-48.39	-2285.63	-330.76
32	2	59	116.79	-192.25	-523.99	-458.53	-257.70	-132.02	-6192.20	-3.123e+04	-3.123e+04	-6193.21	-158.49
		24	38.73	59.01	-416.18	-404.42	47.25	73.82	1.112e+04	6930.74	7427.33	1.063e+04	1354.86
		26	74.02	136.74	-389.95	-342.88	89.66	-150.26	1.711e+04	-1106.19	7822.81	8181.78	9106.71
		60	89.03	-162.83	-473.59	-414.57	-221.84	121.89	-3862.58	-2.298e+04	-2.283e+04	-4018.73	1720.83
32	121	59	90.23	-155.48	-399.73	-356.30	-198.91	-93.38	-4720.66	-2.411e+04	-2.411e+04	-4720.66	-7.39
		24	29.51	54.67	-323.22	-311.05	42.50	66.72	8607.92	5050.15	5521.78	8136.29	1206.45
		26	57.36	106.45	-288.87	-255.61	73.18	-109.74	1.326e+04	-1045.93	5918.59	6297.70	7151.57
		60	68.39	-117.88	-366.02	-315.37	-168.53	100.02	-2892.66	-1.762e+04	-1.748e+04	-3032.69	1429.29

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
32	153	59	90.42	-156.37	-399.39	-357.17	-198.59	-92.07	-4720.62	-2.415e+04	-2.415e+04	-4720.64	16.68
		24	29.66	56.42	-324.31	-311.74	43.85	68.03	8625.78	4982.45	5474.96	8133.27	1245.72
		26	57.51	107.19	-287.68	-255.24	74.75	-108.43	1.329e+04	-1092.41	5904.39	6294.37	7189.15
		60	68.48	-116.32	-366.77	-315.12	-167.97	101.32	-2882.57	-1.764e+04	-1.749e+04	-3026.78	1451.58
33	2	60	80.63	-163.80	-537.19	-465.60	-235.38	-146.99	-4160.79	-2.097e+04	-2.065e+04	-4489.66	2328.37
		26	84.92	89.04	-353.75	-349.93	85.21	-40.97	2.003e+04	-3280.87	7677.41	9073.99	1.164e+04
		45	61.10	189.56	-130.93	-8.88	67.51	-155.63	1414.95	-1.387e+04	-1783.75	-1.067e+04	6218.11
		1	18.42	158.81	-105.81	120.08	-67.08	93.53	3059.12	-2064.20	-1079.98	2074.90	2018.36
33	121	60	61.79	-125.03	-409.08	-355.38	-178.73	-111.22	-3155.63	-1.609e+04	-1.580e+04	-3439.04	1893.18
		26	65.26	74.77	-259.04	-256.70	72.43	-27.81	1.528e+04	-2797.53	5759.55	6727.04	9027.87
		45	48.15	153.42	-99.45	-2.03	56.01	-123.06	933.40	-1.104e+04	-1461.97	-8648.38	4790.82
		1	14.25	135.07	-73.43	101.85	-40.21	76.31	2294.94	-1574.00	-798.21	1519.15	1549.08
33	153	60	61.85	-124.99	-408.18	-355.13	-178.04	-110.50	-3155.86	-1.611e+04	-1.582e+04	-3444.96	1913.24
		26	65.33	76.79	-258.43	-256.23	74.59	-27.09	1.528e+04	-2859.11	5736.01	6680.07	9054.85
		45	48.33	154.82	-96.83	-0.42	58.40	-122.34	929.84	-1.109e+04	-1469.89	-8692.58	4805.33
		1	14.31	136.92	-72.83	103.21	-39.12	77.03	2298.12	-1578.86	-796.66	1515.92	1555.88
34	68	166	95.07	-73.32	-251.13	-115.29	-209.16	75.50	2.644e+04	5410.42	5418.95	2.643e+04	-423.21
		215	49.77	75.28	-82.85	34.58	-42.15	69.13	1.351e+04	1968.73	2579.75	1.290e+04	-2584.68
		165	48.18	-8.51	-285.45	-285.19	-8.78	-8.52	925.85	-1.219e+04	-3388.65	-7877.63	-6163.01
		184	47.05	-66.77	-301.71	-200.59	-167.89	116.33	-5467.65	-1.344e+04	-5548.28	-1.336e+04	-797.87
34	111	166	74.13	-31.64	-221.31	-85.18	-167.77	85.37	2.054e+04	4211.49	4219.48	2.054e+04	-361.05
		215	39.41	79.93	-84.10	37.61	-41.77	71.77	1.052e+04	1510.95	2010.37	1.002e+04	-2061.97
		165	37.70	-19.45	-217.81	-216.58	-20.68	15.57	825.56	-9376.75	-2606.87	-5944.32	-4820.50
		184	35.62	-31.06	-252.18	-148.35	-134.89	110.36	-4160.93	-1.014e+04	-4238.85	-1.007e+04	-678.30
34	143	166	74.37	-24.92	-227.08	-82.61	-169.39	91.29	2.059e+04	4223.05	4231.49	2.058e+04	-371.56
		215	39.71	86.01	-91.00	39.89	-44.88	77.69	1.055e+04	1512.27	2017.49	1.005e+04	-2076.33
		165	37.93	-21.68	-218.10	-215.72	-24.06	21.49	850.24	-9381.11	-2606.40	-5924.47	-4839.19
		184	35.52	-25.61	-258.39	-147.19	-136.81	116.28	-4151.13	-1.010e+04	-4232.97	-1.002e+04	-693.02
35	2	498	6.06	-24.61	-106.86	-95.14	-36.33	-28.76	1158.74	729.92	1044.22	844.44	189.72
		499	8.66	-41.91	-187.74	-186.93	-42.72	-10.84	1751.75	434.49	1144.52	1041.72	-656.62
		353	3.14	-3.86	-65.60	-4.35	-65.11	5.50	528.48	296.88	329.36	495.99	-80.43
		352	2.59	23.09	-58.00	-8.00	-26.91	39.43	342.06	78.14	287.34	132.86	106.99
35	101	498	4.41	-26.18	-70.65	-67.83	-28.99	-10.84	883.40	627.45	836.84	674.01	98.74
		499	6.69	-33.93	-131.63	-131.62	-33.94	1.00	1367.36	283.93	857.38	793.91	-540.78
		353	2.64	0.25	-52.32	-2.57	-49.50	11.83	462.95	263.46	317.91	408.50	-88.87
		352	1.99	25.69	-51.46	-4.38	-21.39	37.63	271.03	136.74	266.92	140.86	23.15
35	133	498	4.42	-26.88	-69.68	-67.79	-28.77	-8.79	890.23	641.32	847.26	684.29	94.07
		499	6.77	-33.78	-131.73	-131.63	-33.88	3.04	1375.22	286.77	866.08	795.91	-543.10
		353	2.70	1.16	-53.26	-2.65	-49.46	13.87	475.09	269.29	332.71	411.66	-95.03
		352	2.04	27.76	-53.32	-4.40	-21.16	39.67	285.09	150.69	283.45	152.33	14.76
36	68	178	15.95	7.43	-224.34	-77.50	-139.42	111.68	1420.19	52.19	1073.58	398.80	-595.00
		371	18.38	18.98	-216.73	-55.51	-142.23	109.59	-565.10	-2657.33	-2635.74	-586.69	-211.44
		310	5.78	-76.33	-152.80	-84.67	-144.45	23.85	-21.51	-488.38	-488.33	-21.56	5.03
		379	8.88	-85.54	-222.75	-184.00	-124.29	61.77	-225.51	-897.62	-422.49	-700.64	-305.93
36	117	178	15.42	79.31	-227.69	-47.36	-101.02	151.13	1115.03	57.25	860.48	311.80	-452.18
		371	16.80	84.70	-220.84	-31.52	-104.63	148.33	-445.17	-2032.02	-1994.50	-482.69	-241.10
		310	7.42	9.42	-171.88	-55.05	-107.42	86.79	-77.46	-579.28	-560.87	-95.87	-94.34
		379	9.59	7.68	-222.34	-125.09	-89.57	113.63	-288.03	-798.82	-505.49	-581.36	-252.56
36	149	178	16.22	95.88	-242.14	-45.22	-101.04	166.69	1116.56	57.56	862.79	311.33	-452.04
		371	17.58	100.91	-235.45	-29.53	-105.01	163.89	-445.95	-2035.89	-1993.15	-488.68	-257.14
		310	8.43	25.30	-186.56	-53.29	-107.97	102.34	-85.38	-617.24	-592.09	-110.53	-112.88
		379	10.49	23.80	-236.74	-123.24	-89.71	129.19	-305.52	-820.35	-535.73	-590.15	-255.97
37	68	192	13.62	-22.51	-235.05	-91.78	-165.78	99.62	1410.28	1138.24	1362.78	1185.74	103.28
		369	18.91	13.98	-239.43	-70.23	-155.21	119.37	-464.37	-2650.85	-2620.91	-494.31	-254.10
		371	16.97	-29.46	-204.76	-80.19	-154.02	79.49	-490.63	-2548.88	-2517.52	-521.99	-252.11
		178	14.48	8.60	-253.28	-79.29	-165.39	123.66	930.42	-280.06	655.17	-4.81	-507.37
37	121	192	13.68	51.72	-276.30	-98.98	-125.60	163.47	1120.15	950.69	1078.38	992.47	73.03
		369	17.07	65.57	-293.93	-90.82	-137.54	178.23	-322.23	-2012.44	-1988.75	-345.92	-198.70
		371	16.34	63.23	-245.28	-52.54	-129.51	149.38	-330.26	-1922.97	-1892.06	-361.18	-219.73
		178	16.18	106.55	-266.35	-46.73	-113.06	183.48	816.29	-148.69	577.43	90.18	-416.46
37	153	192	14.61	68.30	-300.11	-105.55	-126.26	183.91	1124.57	965.59	1080.93	1009.23	70.94
		369	17.90	79.17	-320.69	-98.37	-143.15	198.67	-315.20	-2011.55	-1987.75	-339.00	-199.52
		371	17.30	82.48	-266.93	-51.19	-133.26	169.82	-320.74	-1919.62	-1887.36	-353.00	-224.81
		178	17.39	128.52	-284.88	-44.38	-111.98	203.92	834.03	-137.82	587.95	108.26	-422.61
38	68	196	11.10	-16.67	-215.67	-204.84	-27.50	-45.14	51.48	-900.35	-106.15	-742.72	353.82
		376	19.31	76.76	-501.01	-274.24	-150.01	282.13	171.94	-97.69	-51.60	125.84	101.50
		369	16.43	-15.01	-232.27	-76.62	-170.66	97.93	-480.13	-2366.66	-2360.06	-486.73	-111.37
		192	14.83	-12.95	-312.18	-131.21	-193.92	146.30	1807.91	888.69	1372.16	1324.44	458.99
38	121	196	8.88	8.20	-199.65	-180.41	-11.04	60.24	11.43	-757.29	-100.13	-645.73	270.77
		376	19.38	101.04	-495.13	-235.86	-158.23	295.55	111.42	-92.31	-50.35	69.46	82.38
		369	15.56	22.59	-296.39	-96.85	-176.94	154.38	-403.01	-1801.11	-1798.47	-405.65	-60.64
		192	15.64	70.72	-318.48	-121.18	-126.57	194.58	1375.38	646.20	1064.68	956.89	360.58
38	153	196	9.84	23.17	-215.88	-185.18	-7.53	79.98	6.92	-768.23	-103.32	-657.99	270.74

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		376	20.54	110.92	-524.00	-243.68	-169.40	315.28	106.59	-95.69	-52.74	63.64	82.72
		369	16.44	32.00	-325.95	-105.56	-188.39	174.12	-408.41	-1801.63	-1799.28	-410.76	-57.18
		192	16.74	89.22	-339.43	-126.93	-123.28	214.32	1369.66	637.97	1062.80	944.83	361.06
39	65	108	31.46	170.44	-219.87	15.08	-64.51	-191.06	-239.36	-3465.70	-1508.64	-2196.43	1576.09
		15	22.08	345.03	29.88	119.21	255.71	-142.03	2281.59	-35.55	1991.34	254.70	767.01
		348	20.65	251.77	-284.62	-169.88	137.03	-219.95	-68.43	-932.04	-284.65	-715.83	374.13
		171	23.11	109.22	-225.91	-120.15	3.46	-155.75	2995.46	476.98	658.19	2814.25	650.80
39	118	108	23.55	103.69	-169.31	1.57	-67.19	-132.10	198.98	-2415.51	-1012.78	-1203.76	1303.75
		15	15.88	187.24	2.26	71.76	117.75	-89.59	1890.83	57.98	1584.55	364.26	683.79
		348	13.51	109.28	-249.47	-157.52	17.33	-156.63	74.41	-501.80	-183.00	-244.38	286.46
		171	19.68	49.58	-170.04	-108.89	-11.58	-98.44	2790.25	471.71	598.24	2663.72	526.66
39	150	108	23.56	99.44	-168.94	0.21	-69.71	-129.55	279.57	-2374.47	-986.09	-1108.81	1325.60
		15	15.80	174.87	-2.85	68.15	103.87	-87.04	1925.64	83.81	1601.00	408.45	701.81
		348	13.26	95.19	-254.77	-162.72	3.14	-154.08	98.63	-478.72	-177.72	-202.37	288.41
		171	20.15	44.43	-170.71	-111.88	-14.40	-95.90	2881.53	487.41	612.50	2756.44	532.76
40	47	499	9.04	-48.18	-154.44	-153.17	-49.46	11.57	1999.50	-99.92	492.53	1407.05	-944.88
		500	12.46	-79.34	-168.68	-146.56	-101.47	38.56	3055.40	144.71	148.19	3051.92	100.60
		9	4.88	42.19	-99.59	33.74	-91.13	-33.57	330.68	-223.78	267.56	-160.66	-176.10
		353	2.73	-10.07	-74.71	-17.71	-67.06	20.87	478.80	203.30	288.55	393.55	127.35
40	119	499	6.97	-20.72	-146.13	-139.86	-26.99	27.33	1188.02	-364.10	143.67	680.25	-728.21
		500	9.01	-56.84	-167.39	-138.79	-85.44	48.41	2124.87	-84.41	-77.28	2117.74	125.34
		9	2.64	21.25	-74.82	20.75	-74.33	-6.90	153.48	-16.47	144.47	-7.46	-38.08
		353	2.15	9.40	-63.27	-15.87	-38.01	34.61	387.76	130.99	175.33	343.42	97.06
40	151	499	7.08	-17.49	-151.35	-143.77	-25.07	30.93	1152.69	-401.35	109.55	641.80	-730.03
		500	9.06	-55.85	-174.25	-143.34	-86.76	52.01	2120.91	-110.85	-104.06	2114.12	122.88
		9	2.53	19.83	-75.04	19.72	-74.92	-3.30	122.72	-17.75	116.34	-11.38	-29.24
		353	2.36	13.57	-65.20	-16.26	-35.37	38.21	357.65	88.14	140.52	305.26	106.65
41	76	437	16.46	119.32	-125.89	96.69	-103.26	70.97	1628.01	844.10	1426.13	1045.98	-342.79
		471	29.67	21.29	-171.45	9.76	-159.92	45.71	-2242.54	-2906.61	-2292.20	-2856.95	-174.68
		292	20.08	-74.12	-99.46	-88.09	-85.50	12.60	1927.67	233.38	394.51	1766.54	-497.04
		492	22.75	118.49	-235.99	-111.67	-5.83	169.16	81.56	-1176.65	-218.16	-876.93	-535.98
41	105	437	11.49	97.14	-62.42	77.09	-42.37	52.89	1207.78	573.60	1048.83	732.55	-274.84
		471	23.09	12.85	-120.16	6.42	-113.73	28.53	-1773.66	-2301.59	-1815.07	-2260.19	-141.93
		292	14.29	-49.50	-66.81	-64.50	-51.80	5.88	1415.24	168.00	289.82	1293.41	-370.28
		492	18.10	112.69	-157.42	-78.17	33.44	122.99	29.87	-984.67	-187.89	-766.91	-416.54
41	137	437	11.44	97.08	-56.53	77.68	-37.13	51.02	1198.79	557.95	1039.09	717.65	-277.20
		471	23.19	11.68	-119.30	6.01	-113.63	26.66	-1782.45	-2313.50	-1824.12	-2271.83	-142.81
		292	14.12	-50.47	-65.56	-64.40	-51.62	4.01	1404.49	166.79	288.08	1283.19	-367.98
		492	18.15	115.16	-153.30	-76.93	38.79	121.12	25.18	-995.92	-190.39	-780.35	-416.71
42	23	92	2.90	58.25	-29.37	45.66	-16.78	30.74	330.41	60.85	230.73	160.52	130.13
		237	1.94	28.13	-16.53	26.04	-14.44	-9.44	430.48	277.16	355.72	351.92	-76.64
		281	2.52	78.67	-15.93	78.00	-15.26	-7.97	58.29	-46.36	58.29	-46.36	0.33
		243	3.04	83.82	-5.75	73.27	4.81	28.88	241.77	18.97	216.21	44.53	71.01
42	113	92	2.58	55.88	-29.41	35.35	-8.88	36.46	202.99	1.95	125.44	79.50	97.86
		237	1.22	22.95	-10.73	21.83	-9.62	6.03	272.23	136.37	184.49	224.11	-64.98
		281	1.84	67.13	-10.43	66.37	-9.67	7.61	40.62	6.65	19.33	27.95	-16.43
		243	2.60	81.27	-6.68	64.54	10.05	34.52	124.03	-10.34	90.04	23.65	58.41
42	145	92	2.66	58.71	-30.89	35.91	-8.09	39.03	199.90	4.09	123.47	80.52	95.52
		237	1.34	24.82	-11.67	22.67	-9.52	8.60	282.06	135.88	182.62	235.32	-68.18
		281	1.94	69.46	-10.69	68.15	-9.37	10.18	49.36	6.98	18.00	38.33	-18.59
		243	2.71	85.38	-7.25	66.80	11.33	37.09	122.43	-10.64	88.18	23.61	58.18
43	2	325	19.78	-105.19	-199.44	-171.93	-132.70	42.85	-378.17	-2862.45	-769.49	-2471.12	-905.00
		120	23.32	6.50	-310.54	-267.98	-36.05	108.08	-2092.39	-2784.21	-2635.78	-2240.82	-284.00
		118	12.86	55.97	-195.46	-62.42	-77.07	125.50	236.75	-910.22	-816.18	142.72	314.66
		235	10.85	-87.62	-206.87	-116.98	-177.50	51.38	-671.68	-1060.81	-863.96	-868.53	-194.55
43	116	325	18.42	-42.51	-172.07	-125.25	-89.33	62.24	-308.06	-2686.26	-777.51	-2216.81	-946.61
		120	17.83	34.23	-262.01	-207.60	-20.17	114.70	-1482.62	-2068.24	-1962.09	-1588.78	-225.60
		118	12.28	90.49	-167.02	-26.55	-49.98	128.22	449.46	-482.79	-255.30	221.97	400.41
		235	11.20	-32.54	-174.69	-79.57	-127.66	66.88	-553.80	-1231.23	-560.04	-1224.99	-64.72
43	148	325	18.92	-37.62	-175.96	-124.87	-88.71	66.76	-368.03	-2766.52	-846.19	-2288.35	-958.24
		120	18.25	38.83	-264.92	-207.12	-18.96	119.22	-1507.40	-2109.46	-2023.67	-1593.19	-210.45
		118	12.95	96.32	-170.18	-25.31	-48.55	132.74	487.26	-508.29	-247.77	226.74	437.60
		235	11.63	-27.23	-178.00	-78.44	-126.78	71.40	-572.33	-1289.70	-576.19	-1285.84	-52.46
44	87	235	11.14	-75.08	-203.44	-101.21	-177.31	51.68	-389.14	-1106.37	-455.25	-1040.26	-207.47
		118	14.49	64.10	-241.37	-46.99	-130.28	146.95	247.09	-703.45	-361.52	-94.84	456.19
		119	8.95	13.71	-169.85	3.11	-159.25	42.83	871.92	-168.84	231.51	471.56	506.35
		117	9.73	-96.66	-225.07	-98.15	-223.58	13.74	667.06	-399.00	-23.47	291.52	509.23
44	112	235	8.57	-36.72	-168.64	-74.00	-131.35	59.40	-328.32	-746.83	-333.85	-741.31	-47.76
		118	13.99	73.33	-196.37	-31.45	-91.58	131.46	250.88	-773.55	-337.92	-184.76	506.46
		119	9.37	22.75	-134.80	3.86	-115.91	51.18	762.62	-250.19	236.24	276.19	506.01
		117	7.62	-64.67	-175.71	-73.62	-166.76	30.22	657.34	-276.99	75.68	304.67	452.92
44	144	235	8.65	-31.45	-172.21	-73.02	-130.64	64.22	-325.12	-723.89	-326.50	-722.51	-23.46
		118	14.66	78.86	-200.37	-30.42	-91.10	136.28	272.29	-818.92	-345.41	-201.22	540.82

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		119	9.92	26.36	-137.08	4.16	-114.88	56.00	786.45	-269.49	252.30	264.66	527.93
		117	7.94	-61.59	-177.91	-73.33	-166.17	35.04	692.37	-265.20	99.13	328.04	464.90
45	15	117	11.81	-87.14	-257.34	-92.93	-251.55	-30.85	629.38	-422.89	-52.47	258.96	502.56
		119	10.59	5.80	-199.84	-11.08	-182.96	56.45	906.14	-315.48	131.71	458.95	588.49
		216	11.95	-121.85	-273.69	-189.06	-206.48	-75.41	753.99	53.54	99.92	707.61	174.17
		5	18.55	-179.37	-267.99	-190.12	-257.23	28.94	1939.45	413.29	435.76	1916.98	183.81
45	110	117	11.67	-70.09	-187.79	-71.08	-186.80	-10.73	1010.78	-72.13	158.33	780.32	443.23
		119	9.48	9.61	-157.36	-10.17	-137.59	53.95	1102.24	-5.50	277.41	819.33	483.06
		216	10.79	-105.49	-195.46	-146.49	-154.46	-44.81	979.10	173.87	194.46	958.52	127.08
		5	17.30	-130.54	-209.46	-147.93	-192.06	32.71	2034.88	453.06	469.70	2018.24	161.37
45	142	117	12.34	-70.48	-188.83	-71.12	-188.18	-8.73	1125.59	-23.32	199.84	902.43	454.52
		119	10.07	10.50	-160.33	-10.37	-139.46	55.94	1189.70	42.53	314.98	917.25	488.18
		216	11.31	-108.94	-195.04	-147.50	-156.48	-42.82	1072.18	201.61	220.11	1053.69	125.54
		5	18.05	-129.97	-212.52	-148.89	-193.59	34.70	2154.31	482.61	499.18	2137.74	165.60
46	2	282	15.28	229.60	-104.13	-75.42	200.89	-93.59	1287.57	816.28	827.41	1276.44	-71.57
		231	36.06	-52.73	-545.19	-210.11	-387.81	229.64	3704.75	211.12	217.22	3698.64	145.93
		382	13.78	4.67	-89.97	-35.62	-49.68	46.80	-1316.01	-2174.47	-1398.93	-2091.55	-253.59
		312	9.99	-7.47	-235.40	-153.33	-89.55	109.41	1018.79	288.32	833.69	473.41	317.72
46	123	282	21.57	121.28	-56.78	-56.59	121.09	-5.81	2907.26	842.14	954.82	2794.58	-469.05
		231	26.03	-44.45	-462.35	-188.59	-318.21	198.64	2374.35	94.58	96.49	2372.43	66.05
		382	13.26	93.39	-116.96	19.47	-43.05	100.42	862.17	-1091.08	837.33	-1066.24	-218.87
		312	16.66	36.70	-217.98	-82.85	-98.43	127.10	233.45	-1461.82	-257.02	-971.35	-768.71
46	155	282	21.28	117.67	-59.27	-59.22	117.62	3.00	2893.72	835.85	950.07	2779.50	-471.18
		231	26.39	-41.07	-477.05	-192.10	-326.02	207.45	2370.94	91.63	94.00	2368.56	73.58
		382	13.69	98.64	-130.43	18.56	-50.35	109.23	873.48	-1089.20	851.14	-1066.85	-208.23
		312	17.15	44.05	-228.39	-82.94	-101.40	135.91	237.07	-1466.06	-245.82	-983.17	-767.62
47	16	312	16.78	31.41	-193.33	-54.24	-107.69	109.14	-479.70	-2221.96	-952.54	-1749.12	-774.75
		382	14.56	69.15	10.31	69.11	10.36	-1.61	2044.60	396.08	1942.07	498.61	-398.13
		383	16.48	142.57	58.13	63.79	136.91	21.11	2470.97	338.79	2461.64	348.12	140.74
		88	17.42	5.40	-182.98	5.25	-182.82	-5.40	-1206.07	-2207.89	-1407.38	-2006.57	401.44
47	117	312	14.75	73.44	-193.91	-40.35	-80.12	132.18	-335.45	-1569.50	-664.22	-1240.73	-545.55
		382	10.86	74.53	-35.12	48.92	-9.51	46.40	1559.67	402.67	1536.15	426.19	-163.29
		383	15.24	139.12	3.59	52.34	90.37	65.05	2118.48	312.85	2086.78	344.55	237.15
		88	13.84	22.16	-150.33	10.26	-138.44	43.71	-709.83	-1576.78	-873.85	-1412.76	339.55
47	149	312	15.13	82.40	-203.86	-40.43	-81.03	141.69	-329.69	-1545.14	-651.82	-1223.01	-536.44
		382	11.04	81.38	-46.33	48.38	-13.34	55.90	1563.72	419.04	1547.76	435.00	-134.21
		383	15.87	146.21	-6.74	52.70	86.78	74.55	2166.80	321.64	2128.32	360.12	263.67
		88	14.07	28.27	-156.00	11.35	-139.08	53.21	-665.69	-1554.07	-831.72	-1388.04	346.31
48	88	88	18.43	-30.76	-175.59	-30.81	-175.53	2.79	-965.56	-2421.03	-1358.95	-2027.63	646.39
		383	18.76	180.69	146.55	163.54	163.69	-17.07	2345.51	129.19	2345.42	129.27	13.71
		388	10.55	138.23	-145.02	-138.61	131.82	-42.13	163.72	-660.39	-461.85	-34.82	352.42
		87	26.64	-45.55	-274.13	-124.03	-195.65	-108.53	1084.56	-2570.83	-137.15	-1349.13	1724.31
48	120	88	14.57	-18.96	-145.65	-30.03	-134.58	-35.78	-981.05	-2054.92	-1264.40	-1771.57	473.28
		383	13.51	185.99	80.52	121.54	144.97	-51.41	1610.00	57.24	1606.52	60.72	-73.47
		388	10.65	137.81	-141.24	-122.62	119.19	-69.64	7.50	-732.13	-647.50	-77.13	235.44
		87	23.04	-12.06	-260.00	-116.88	-155.17	-122.48	551.41	-2281.91	-451.43	-1279.07	1354.87
48	152	88	14.75	-15.22	-151.31	-31.40	-135.13	-44.05	-1028.28	-2098.13	-1310.24	-1816.18	471.33
		383	13.45	195.76	73.35	121.02	148.08	-59.69	1571.03	47.86	1565.63	53.26	-90.53
		388	11.25	144.17	-148.65	-126.19	121.72	-77.92	-14.00	-786.91	-711.67	-89.23	229.10
		87	23.61	-6.84	-270.71	-121.17	-156.38	-130.76	495.92	-2345.58	-520.94	-1328.72	1362.13
49	2	87	29.83	-41.56	-545.99	-354.84	-232.71	-244.71	1404.70	-878.27	815.66	-289.23	998.90
		388	26.98	297.69	72.33	210.67	159.36	109.72	-2531.10	-3414.86	-3366.83	-2579.13	200.35
		233	68.90	58.04	-1243.99	-1121.68	-64.27	-379.87	603.85	-4038.91	-4038.89	603.83	-9.39
		86	21.13	15.20	-433.35	-366.53	-51.62	159.72	1415.33	-1130.32	984.68	-699.67	954.37
49	118	87	30.42	1.19	-446.51	-263.42	-181.91	-220.11	1204.31	-1736.36	-67.14	-464.90	1456.82
		388	16.38	200.64	105.37	159.43	146.58	47.20	-1368.01	-1989.97	-1503.94	-1854.04	257.03
		233	55.40	53.45	-1030.23	-933.40	-43.38	-309.12	386.99	-3204.32	-3198.30	380.97	146.84
		86	19.75	-31.30	-379.71	-355.94	-55.07	87.84	1282.64	-1331.48	589.86	-638.70	1153.72
49	150	87	30.68	4.73	-455.33	-268.43	-182.17	-225.95	1151.04	-1783.72	-145.34	-487.34	1457.38
		388	16.66	193.37	110.43	154.95	148.85	41.36	-1435.23	-2021.48	-1581.82	-1874.89	253.87
		233	56.46	55.86	-1047.67	-948.94	-42.87	-314.96	364.96	-3286.03	-3280.36	359.29	143.74
		86	19.77	-37.13	-392.09	-372.01	-57.21	81.99	1217.12	-1371.61	507.50	-662.00	1154.75
50	2	184	45.89	-73.74	-275.67	-201.28	-148.12	97.40	-5649.65	-1.296e+04	-5706.34	-1.290e+04	641.30
		165	48.39	21.87	-293.20	-289.30	17.98	34.83	1223.79	-1.173e+04	-3695.17	-6814.65	-6288.14
		242	36.17	24.84	-414.03	-402.30	13.11	70.79	-4972.67	-1.048e+04	-5633.46	-9822.31	-1790.15
		183	66.30	-52.46	-407.85	-346.66	-113.65	134.17	-1.123e+04	-1.873e+04	-1.164e+04	-1.832e+04	1703.88
50	107	184	35.28	-45.36	-213.65	-150.59	-108.41	81.46	-4353.50	-9994.65	-4389.91	-9958.24	451.78
		165	37.66	16.28	-223.61	-219.52	12.19	31.07	948.77	-9105.59	-2874.00	-5282.82	-4880.77
		242	28.32	20.38	-319.26	-308.27	9.39	60.10	-3868.95	-8197.31	-4407.44	-7658.82	-1428.56
		183	51.19	-30.81	-315.11	-262.77	-83.15	110.19	-8700.90	-1.448e+04	-8991.04	-1.419e+04	1261.97
50	139	184	35.34	-42.58	-215.43	-149.93	-108.08	83.85	-4363.61	-1.001e+04	-4398.66	-9976.40	443.52
		165	37.86	17.55	-223.55	-218.82	12.82	33.46	955.22	-9130.06	-2881.16	-5293.68	-4896.24
		242	28.44	21.56	-320.79	-308.97	9.74	62.50	-3875.85	-8219.97	-4424.20	-7671.62	-1442.72

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		183	51.28	-29.04	-317.58	-263.52	-83.10	112.58	-8722.53	-1.450e+04	-9009.26	-1.421e+04	1254.37
51	2	183	66.04	-36.17	-390.94	-340.24	-86.87	124.16	-1.181e+04	-1.852e+04	-1.254e+04	-1.779e+04	2087.45
		242	36.79	43.48	-424.35	-402.19	21.31	99.39	-4523.65	-1.027e+04	-4986.37	-9807.95	-1563.69
		229	29.76	0.67	-330.07	-312.04	-17.35	75.08	-2086.32	-7469.95	-3984.69	-5571.58	2572.22
		179	46.78	-37.58	-498.11	-477.50	-58.19	95.22	-6785.44	-1.111e+04	-1.107e+04	-6826.36	418.51
51	107	183	50.94	-20.52	-299.60	-257.15	-62.97	100.23	-9167.92	-1.431e+04	-9683.82	-1.379e+04	1544.15
		242	28.91	34.18	-327.55	-308.92	15.56	79.93	-3550.29	-8082.00	-3924.13	-7708.15	-1246.76
		229	23.21	3.30	-261.82	-244.43	-14.10	65.64	-1761.75	-5816.44	-3128.56	-4449.64	1916.72
		179	36.23	-28.64	-382.67	-363.44	-47.88	80.25	-5351.85	-8640.89	-8623.71	-5369.02	237.07
51	139	183	51.03	-19.19	-301.64	-257.90	-62.93	102.18	-9192.93	-1.432e+04	-9702.23	-1.381e+04	1533.67
		242	29.05	35.34	-329.05	-309.61	15.91	81.88	-3562.71	-8112.53	-3943.07	-7732.16	-1259.33
		229	23.31	4.09	-265.17	-246.98	-14.11	67.59	-1801.26	-5830.34	-3156.36	-4475.24	1903.55
		179	36.37	-28.61	-386.07	-366.05	-48.64	82.20	-5375.81	-8666.43	-8650.89	-5391.35	225.59
52	67	179	46.67	7.93	-480.51	-473.41	0.83	58.46	-5810.11	-1.119e+04	-1.058e+04	-6424.26	1711.14
		229	28.10	-10.78	-308.96	-270.58	-49.17	99.86	-3528.42	-7583.24	-3866.35	-7245.31	1120.74
		219	20.85	-33.89	-323.80	-289.44	-68.26	-93.71	5519.34	817.59	904.74	5432.19	634.15
		170	56.61	4.21	-480.47	-465.34	-10.92	84.29	-2262.27	-1.289e+04	-1.268e+04	-2469.77	1470.38
52	104	179	36.19	4.38	-356.35	-352.08	0.12	38.98	-4496.40	-8792.45	-8307.35	-4981.50	1359.66
		229	21.66	-7.34	-232.19	-206.46	-33.08	71.59	-2894.71	-5854.38	-3180.00	-5569.09	873.48
		219	16.56	-25.40	-245.94	-219.84	-51.51	-71.24	4227.58	385.04	449.66	4162.95	494.10
		170	44.18	2.35	-360.12	-349.84	-7.93	60.17	-1769.02	-1.016e+04	-9986.44	-1943.93	1198.89
52	136	179	36.32	4.14	-356.76	-352.60	-0.02	38.52	-4505.74	-8829.47	-8344.71	-4990.50	1364.17
		229	21.68	-7.20	-232.19	-206.84	-32.54	71.13	-2927.45	-5856.04	-3215.37	-5568.12	871.95
		219	16.70	-25.12	-247.40	-221.18	-51.34	-71.70	4226.25	341.56	405.48	4162.33	494.19
		170	44.38	1.91	-361.40	-351.31	-8.19	59.72	-1777.52	-1.021e+04	-1.003e+04	-1954.49	1208.68
53	68	6	85.19	-71.05	-189.87	-82.48	-178.44	35.03	2.388e+04	5248.62	5260.67	2.386e+04	473.68
		166	94.13	-24.83	-342.22	-156.37	-210.68	156.35	2.599e+04	4648.07	4648.08	2.599e+04	13.83
		184	52.45	-107.38	-269.11	-179.32	-197.16	80.37	-7149.07	-1.466e+04	-7297.87	-1.451e+04	1046.49
		250	58.57	-126.86	-334.64	-227.70	-233.80	103.84	189.66	-1.441e+04	-4.23	-1.422e+04	1671.35
53	111	6	66.56	-21.44	-164.18	-46.67	-138.94	54.45	1.862e+04	4100.97	4108.34	1.861e+04	327.14
		166	73.40	12.86	-273.59	-98.46	-162.27	139.63	2.021e+04	3632.75	3632.81	2.021e+04	-33.46
		184	39.91	-60.13	-230.16	-133.36	-156.94	84.19	-5443.52	-1.105e+04	-5549.56	-1.094e+04	763.63
		250	44.46	-69.99	-277.51	-167.16	-180.33	103.55	210.45	-1.080e+04	72.14	-1.066e+04	1226.37
53	143	6	66.80	-12.36	-168.04	-41.07	-139.33	60.37	1.868e+04	4116.09	4123.03	1.867e+04	317.80
		166	73.65	21.54	-277.93	-93.02	-163.37	145.55	2.025e+04	3645.42	3645.53	2.025e+04	-42.73
		184	39.84	-54.22	-236.45	-131.87	-158.80	90.12	-5432.69	-1.100e+04	-5536.27	-1.090e+04	752.24
		250	44.37	-63.70	-283.22	-165.52	-181.40	109.47	223.59	-1.074e+04	87.29	-1.061e+04	1214.94
54	2	250	61.91	-133.20	-283.86	-197.59	-219.47	74.53	-304.84	-1.556e+04	-690.31	-1.518e+04	2394.17
		184	47.30	-92.83	-292.03	-211.16	-173.70	97.82	-7125.39	-1.324e+04	-7129.23	-1.323e+04	153.17
		183	72.28	-85.52	-397.08	-339.94	-142.66	120.57	-9369.93	-2.038e+04	-1.126e+04	-1.848e+04	4152.36
		246	76.22	-212.47	-399.14	-293.24	-318.37	92.49	2338.97	-1.783e+04	2196.28	-1.768e+04	1690.33
54	107	250	47.71	-87.40	-212.92	-143.64	-156.68	62.42	-235.25	-1.203e+04	-529.42	-1.174e+04	1839.52
		184	36.31	-64.94	-218.90	-156.76	-127.08	75.53	-5455.62	-1.021e+04	-5458.00	-1.021e+04	106.42
		183	55.70	-60.98	-302.05	-258.44	-104.59	92.79	-7236.57	-1.574e+04	-8672.84	-1.431e+04	3186.69
		246	58.71	-150.55	-301.98	-224.02	-228.50	75.68	1747.71	-1.385e+04	1636.71	-1.374e+04	1311.19
54	139	250	47.80	-84.85	-212.83	-142.30	-155.38	63.66	-238.66	-1.206e+04	-532.84	-1.176e+04	1841.26
		184	36.36	-62.99	-219.24	-155.60	-126.64	76.77	-5457.41	-1.023e+04	-5459.72	-1.023e+04	105.12
		183	55.79	-60.17	-303.81	-259.43	-104.55	94.03	-7246.53	-1.576e+04	-8681.56	-1.433e+04	3187.18
		246	58.77	-149.31	-303.17	-224.84	-227.63	76.92	1738.01	-1.388e+04	1626.46	-1.377e+04	1315.16
55	75	173	19.61	-139.30	-238.33	-171.11	-206.53	-46.24	-1210.41	-2195.52	-1509.63	-1896.31	-453.02
		479	12.83	-137.49	-230.91	-147.21	-221.20	28.52	-120.57	-1046.09	-288.55	-878.12	356.72
		254	31.77	-131.33	-276.40	-173.15	-234.58	-65.71	4106.04	759.51	777.07	4088.47	241.82
		333	32.56	-147.73	-229.19	-162.65	-214.26	31.51	4436.26	942.18	942.42	4436.01	-29.12
55	110	173	12.38	-101.38	-164.19	-126.57	-139.00	-30.78	-505.60	-1341.22	-1070.95	-775.87	-390.89
		479	6.70	-98.30	-165.22	-109.20	-154.32	24.71	223.33	-347.91	-129.50	4.92	277.60
		254	27.87	-101.70	-199.21	-134.95	-165.97	-46.22	3816.71	716.68	727.85	3805.53	185.82
		333	28.35	-104.76	-164.44	-124.69	-144.50	28.15	4057.97	853.16	854.32	4056.82	-60.74
55	142	173	11.98	-101.51	-161.60	-125.63	-137.48	-29.45	-391.24	-1288.40	-1049.15	-630.49	-396.74
		479	6.35	-96.66	-165.81	-108.49	-153.98	26.04	330.16	-286.33	-107.45	151.28	279.78
		254	28.73	-103.72	-198.37	-136.08	-166.01	-44.89	3964.21	746.90	757.67	3953.44	185.85
		333	29.21	-103.68	-165.26	-125.58	-143.35	29.48	4205.05	882.64	883.93	4203.75	-65.62
56	67	500	12.49	-71.44	-262.88	-192.98	-141.34	92.17	2888.65	380.72	420.16	2849.21	312.01
		528	4.82	15.37	-54.35	13.31	-52.30	-11.80	962.87	177.00	180.27	959.60	50.61
		305	6.29	87.85	-55.64	55.60	-23.38	-59.90	108.67	-1247.98	-1013.07	-126.25	-513.34
		9	5.62	52.49	-99.96	52.48	-99.95	1.04	592.66	-278.23	457.14	-142.72	-315.68
56	114	500	9.35	-68.23	-154.04	-113.57	-108.70	42.84	2139.72	118.46	159.64	2098.54	285.53
		528	5.31	52.70	-62.98	40.67	-50.95	-35.31	666.17	-167.50	-109.79	608.46	211.61
		305	4.47	79.32	-78.10	38.24	-37.02	-69.13	-48.34	-655.35	-582.86	-120.83	-196.85
		9	5.10	49.73	-84.36	45.70	-80.32	-22.91	555.33	-141.96	471.98	-58.61	-226.22
56	146	500	9.40	-70.34	-148.02	-108.93	-109.43	38.84	2132.86	84.92	127.25	2090.54	291.35
		528	5.67	59.50	-67.11	45.82	-53.43	-39.30	655.95	-225.14	-155.21	586.02	238.17
		305	4.49	81.83	-84.14	38.07	-40.38	-73.13	-74.21	-623.66	-563.89	-133.98	-171.08
		9	5.25	52.24	-87.47	46.85	-82.08	-26.90	563.13	-134.85	482.98	-54.69	-222.53

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
57	67	390	19.12	-40.87	-209.14	-146.67	-103.34	-81.30	2740.79	333.93	355.83	2718.89	-228.54
		286	18.66	-49.89	-176.33	-102.08	-124.14	-62.25	2549.17	588.19	595.60	2541.75	-120.35
		399	33.95	90.68	-333.04	-150.36	-92.00	-209.84	-989.79	-4925.03	-989.79	-4925.03	2.51
		283	35.52	-67.36	-173.35	-165.51	-75.20	27.75	-1165.24	-5662.41	-1167.14	-5660.51	-92.49
57	115	390	10.59	-60.88	-144.27	-118.30	-86.84	-38.61	1426.84	136.54	171.57	1391.82	-209.68
		286	11.19	-69.83	-128.19	-86.44	-111.57	-26.33	1391.78	358.57	378.06	1372.30	-140.54
		399	29.49	23.68	-251.64	-138.70	-89.26	-135.42	-879.53	-4372.85	-879.61	-4372.76	-16.84
		283	31.81	-51.44	-165.51	-147.88	-69.08	41.24	-1038.88	-5052.83	-1039.65	-5052.06	-55.58
57	147	390	9.81	-67.62	-141.71	-119.77	-89.56	-33.83	1286.73	108.77	149.75	1245.76	-215.84
		286	10.62	-76.64	-127.95	-88.38	-116.21	-21.55	1275.55	336.69	361.18	1251.06	-149.63
		399	30.27	13.50	-252.44	-144.28	-94.66	-130.63	-904.74	-4495.87	-904.84	-4495.77	-19.37
		283	32.79	-51.66	-173.96	-153.07	-72.55	46.02	-1069.13	-5200.54	-1069.79	-5199.88	-52.07
58	76	393	32.87	-68.88	-177.12	-137.41	-108.58	-52.16	4904.25	768.38	774.11	4898.52	153.81
		287	27.68	-68.18	-147.66	-83.30	-132.54	-31.20	3976.30	1004.49	1025.02	3955.76	246.16
		286	18.48	-9.85	-199.23	-92.70	-116.38	-93.95	2597.42	600.47	643.85	2554.04	-291.11
		390	19.76	-57.88	-175.88	-138.67	-95.09	-54.83	2842.85	369.82	370.27	2842.40	-33.47
58	113	393	26.16	-60.06	-117.35	-90.17	-87.24	-28.61	3933.84	752.56	753.83	3932.57	63.33
		287	22.68	-48.77	-116.41	-50.97	-114.21	-11.99	3264.53	956.07	959.33	3261.27	86.67
		286	15.70	-32.16	-153.53	-79.22	-106.47	-59.13	2211.53	510.51	570.56	2151.48	-313.91
		390	16.04	-62.33	-131.65	-112.71	-81.27	-30.89	2320.95	346.92	349.94	2317.93	-77.25
58	145	393	26.38	-61.99	-115.16	-87.48	-89.67	-26.57	3963.80	785.64	786.54	3962.91	53.38
		287	23.02	-47.19	-119.63	-48.58	-118.24	-9.95	3305.52	992.20	994.17	3303.55	67.52
		286	16.07	-36.91	-155.11	-80.75	-111.27	-57.09	2255.70	521.11	586.93	2189.89	-331.41
		390	16.26	-66.82	-131.61	-113.95	-84.48	-28.85	2347.99	360.26	364.07	2344.18	-86.99
59	76	398	23.00	-59.03	-187.42	-151.06	-95.39	-57.84	3062.86	44.60	206.76	2900.70	680.55
		288	16.37	-94.82	-128.57	-122.18	-101.21	13.22	2294.96	217.86	668.05	1844.77	855.82
		287	27.19	-72.90	-142.44	-93.64	-121.70	-31.82	3962.74	979.39	991.83	3950.30	192.22
		393	32.28	-60.27	-159.70	-126.91	-93.07	-46.75	4864.33	768.90	786.80	4846.43	270.12
59	113	398	19.20	-40.04	-105.73	-75.42	-70.36	-32.75	2702.39	296.70	400.11	2598.98	487.94
		288	13.24	-44.57	-87.71	-54.97	-77.31	18.46	1963.93	450.44	744.17	1670.20	598.57
		287	22.19	-53.31	-101.69	-57.23	-97.77	-13.19	3274.09	943.84	945.94	3271.99	69.93
		393	26.69	-50.83	-103.71	-81.76	-72.78	-26.06	4080.93	794.92	801.66	4074.19	148.66
59	145	398	19.58	-38.80	-100.74	-68.14	-71.40	-30.93	2772.70	349.01	449.05	2672.65	482.14
		288	13.44	-37.77	-88.84	-47.79	-78.83	20.28	2005.57	505.28	790.10	1720.75	588.37
		287	22.53	-51.86	-102.86	-54.53	-100.18	-11.37	3322.19	981.96	983.28	3320.87	55.63
		393	27.14	-52.52	-101.18	-78.98	-74.72	-24.24	4151.89	836.34	842.08	4146.15	137.82
60	16	290	25.37	11.05	-361.15	-240.33	-109.77	-174.28	1157.86	-1658.24	-835.50	335.12	1280.63
		300	15.84	81.09	-141.54	-3.88	-56.57	108.15	945.75	-805.85	722.84	-582.93	583.75
		288	19.19	-92.05	-219.86	-219.75	-92.17	-3.78	2595.97	-4.77	503.52	2087.68	1031.30
		398	22.16	-22.05	-109.24	-62.37	-68.91	-43.47	2977.65	66.04	288.40	2755.29	773.29
60	101	290	19.04	21.88	-240.65	-144.02	-74.75	-126.61	893.17	-1264.12	-640.90	269.95	977.79
		300	11.84	70.41	-67.59	37.02	-34.19	59.10	750.61	-626.25	563.29	-438.92	472.05
		288	15.04	-64.18	-143.27	-141.76	-65.70	-10.85	2032.73	72.13	490.31	1614.56	803.12
		398	17.62	9.77	-79.38	-21.58	-48.04	-42.57	2366.22	159.58	327.68	2198.12	585.38
60	133	290	19.15	26.78	-237.03	-135.43	-74.83	-128.38	893.93	-1261.55	-639.95	272.33	976.45
		300	11.97	75.58	-64.14	45.63	-34.19	57.34	754.57	-627.15	564.15	-436.72	476.29
		288	15.14	-63.94	-138.52	-136.32	-66.14	-12.61	2041.52	86.55	511.24	1616.83	806.17
		398	17.78	14.83	-79.60	-16.15	-48.61	-44.34	2382.12	181.96	349.47	2214.61	583.52
61	67	286	21.22	19.52	-256.59	-87.41	-149.67	-134.50	2896.70	1100.41	1152.95	2844.16	-302.69
		297	15.91	13.40	-168.41	-35.38	-119.63	-80.55	2299.05	375.83	629.27	2045.61	-650.52
		355	31.59	100.46	-360.61	-147.41	-112.74	-229.88	-597.91	-3886.87	-649.32	-3835.46	-407.98
		399	33.89	-101.68	-171.97	-155.56	-118.09	-29.74	-1141.07	-5156.09	-1143.76	-5153.40	-103.89
61	111	286	13.08	-23.41	-179.58	-71.44	-131.55	-72.07	1723.50	709.36	826.95	1605.91	-324.69
		297	11.62	-18.49	-123.60	-31.70	-110.38	-34.84	1572.51	103.70	458.79	1217.41	-628.87
		355	25.90	24.79	-263.93	-132.15	-106.99	-143.81	-541.44	-3361.44	-589.72	-3313.15	-365.83
		399	30.05	-109.23	-136.89	-136.34	-109.78	3.87	-1009.77	-4561.02	-1012.54	-4558.25	-99.13
61	143	286	12.53	-31.46	-177.42	-72.46	-136.42	-65.60	1630.28	670.00	814.72	1485.55	-343.55
		297	11.68	-24.01	-124.39	-32.80	-115.60	-28.37	1539.08	58.79	454.47	1143.40	-655.10
		355	26.32	13.08	-262.63	-136.67	-112.88	-137.34	-558.77	-3440.50	-608.70	-3390.57	-376.03
		399	30.93	-111.67	-144.47	-140.80	-115.34	10.34	-1037.94	-4684.85	-1040.80	-4681.99	-102.19
62	75	287	28.28	-58.03	-173.98	-87.61	-144.40	-50.54	4071.76	1340.26	1346.05	4065.97	125.65
		298	22.09	23.15	-156.72	7.08	-140.65	-51.32	2772.36	668.20	886.38	2554.18	641.46
		297	16.38	59.64	-205.64	-28.53	-117.47	-124.96	2173.33	458.89	740.02	1892.20	-634.78
		286	19.93	-2.36	-205.79	-82.02	-126.13	-99.30	2749.90	1141.17	1151.67	2739.40	-129.54
62	122	287	21.26	-15.41	-148.12	-71.25	-92.28	-65.52	3053.69	957.82	977.23	3034.28	200.74
		298	17.50	34.59	-122.92	0.81	-89.14	-64.66	2104.86	356.31	596.25	1864.92	601.65
		297	12.69	79.09	-168.20	-18.27	-70.85	-120.82	1501.11	390.95	535.06	1357.00	-373.11
		286	15.10	34.36	-171.72	-59.75	-77.61	-102.65	2009.01	847.65	847.71	2008.95	8.22
62	154	287	21.33	-9.43	-153.02	-72.33	-90.13	-71.24	3050.09	945.47	969.30	3026.26	222.67
		298	17.75	39.15	-126.04	-0.21	-86.68	-70.38	2106.98	325.13	581.69	1850.41	625.57
		297	12.74	86.30	-171.78	-17.46	-68.02	-126.54	1473.13	401.39	530.86	1343.66	-349.28
		286	15.23	41.62	-175.72	-59.00	-75.10	-108.37	2002.52	842.97	843.75	2001.74	30.04
63	76	288	16.43	-117.54	-168.14	-158.06	-127.63	-20.21	2108.32	475.93	644.33	1939.91	496.53

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		400	22.79	-80.93	-142.60	-98.50	-125.03	27.83	2050.20	-1685.67	-720.92	1085.46	1635.07
		298	22.97	8.43	-146.34	-2.85	-135.06	-40.22	2984.63	663.18	899.79	2748.02	702.35
		287	28.35	-44.71	-150.82	-68.54	-126.99	-44.28	4119.34	1249.04	1281.33	4087.06	302.68
63	115	288	13.35	-85.47	-116.45	-105.90	-96.03	14.68	1862.30	632.69	709.36	1785.63	297.32
		400	17.54	-25.41	-134.31	-61.90	-97.81	51.40	1684.53	-972.08	-318.41	1030.87	1144.23
		298	17.39	4.40	-107.03	4.39	-107.02	0.73	2404.20	778.06	883.63	2298.63	400.66
		287	22.98	-45.53	-99.17	-45.90	-98.81	-4.41	3427.05	1152.22	1158.44	3420.82	118.84
63	147	288	13.65	-79.96	-121.21	-103.50	-97.68	20.42	1913.34	683.18	751.83	1844.69	282.37
		400	17.58	-19.02	-140.12	-59.53	-99.61	57.14	1709.74	-911.63	-272.51	1070.62	1125.57
		298	17.49	5.97	-109.40	5.60	-109.03	6.47	2429.98	828.26	921.49	2336.74	375.02
		287	23.33	-44.62	-100.70	-44.65	-100.67	1.32	3482.22	1189.03	1193.15	3478.09	97.21
64	15	7	33.49	457.97	71.14	457.81	71.30	7.80	7814.21	-1095.25	2105.57	4613.39	-4274.61
		28	59.77	44.67	-142.12	21.22	-118.66	61.90	-5925.67	-1.763e+04	-1.363e+04	-9921.72	-5549.98
		22	81.05	112.05	-201.02	-144.96	55.99	120.03	1.629e+04	-7269.13	-1476.35	1.049e+04	-1.014e+04
		58	65.52	-116.85	-417.56	-393.23	-141.18	82.01	-3773.75	-1.708e+04	-1.640e+04	-4455.62	-2933.94
64	122	7	26.67	357.85	53.25	357.52	53.57	10.00	6268.44	-550.89	2211.02	3506.53	-3347.57
		28	44.97	40.29	-107.41	24.47	-91.59	45.68	-3863.56	-1.310e+04	-9701.57	-7259.64	-4452.68
		22	63.01	86.94	-152.16	-106.18	40.96	94.24	1.298e+04	-5170.46	-590.13	8395.41	-7882.65
		58	48.47	-88.03	-313.62	-293.31	-108.34	64.57	-2965.13	-1.270e+04	-1.216e+04	-3502.02	-2221.89
64	154	7	26.91	359.53	53.07	359.19	53.41	10.21	6326.48	-492.21	2333.54	3500.73	-3359.02
		28	44.81	41.76	-107.93	26.05	-92.21	45.88	-3728.31	-1.301e+04	-9550.81	-7187.18	-4487.68
		22	63.14	86.82	-151.38	-104.85	40.29	94.44	1.306e+04	-5086.49	-482.90	8461.02	-7897.28
		58	48.09	-87.97	-312.47	-291.89	-108.55	64.78	-2974.84	-1.261e+04	-1.207e+04	-3514.99	-2216.08
65	2	58	74.03	-91.72	-249.89	-219.80	-121.81	-62.08	-2771.63	-1.966e+04	-1.922e+04	-3207.88	-2679.12
		22	59.10	71.08	-280.97	-212.82	2.93	139.09	1.109e+04	-5375.34	-384.89	6104.50	-7568.99
		24	40.43	84.71	-384.06	-382.61	83.26	-26.00	1.170e+04	7759.18	7782.15	1.168e+04	300.11
		59	118.36	-217.95	-544.11	-509.55	-252.51	100.39	-6328.18	-3.141e+04	-3.140e+04	-6334.54	-399.37
65	117	58	58.62	-72.62	-193.61	-176.46	-89.78	-42.21	-2276.50	-1.559e+04	-1.526e+04	-2607.90	-2074.25
		22	45.50	63.61	-231.06	-174.36	6.90	116.16	8405.80	-4288.60	-695.67	4812.86	-5718.48
		24	31.47	68.85	-294.92	-294.48	68.42	-12.61	9200.33	5780.66	5829.98	9151.02	407.67
		59	91.50	-162.40	-425.65	-395.78	-192.27	83.48	-4936.63	-2.427e+04	-2.426e+04	-4939.82	-248.51
65	149	58	59.03	-72.72	-194.40	-178.14	-88.98	-41.40	-2310.19	-1.570e+04	-1.537e+04	-2640.26	-2076.52
		22	45.45	64.68	-232.88	-176.03	7.83	116.98	8368.17	-4334.66	-799.06	4832.57	-5693.12
		24	31.64	69.90	-295.70	-295.32	69.52	-11.79	9241.43	5732.17	5790.66	9182.94	449.27
		59	91.69	-161.10	-426.80	-396.64	-191.26	84.29	-4956.20	-2.432e+04	-2.431e+04	-4959.07	-235.82
66	76	300	30.15	0.01	-511.49	-368.09	-143.39	-229.75	2938.45	-342.33	-124.72	2720.84	816.44
		296	46.89	39.09	-249.56	-170.72	-39.75	128.61	-885.97	-6622.79	-1920.35	-5588.41	2205.47
		400	28.87	-132.36	-243.65	-243.65	-132.36	-0.28	2724.53	-1738.45	-1541.64	2527.72	916.33
		288	13.57	-20.63	-98.45	-25.21	-93.87	18.31	1885.91	-72.88	1158.03	654.99	946.55
66	111	300	22.35	-11.68	-326.12	-237.80	-100.00	-141.32	2426.91	-29.36	165.77	2231.78	664.24
		296	36.64	48.44	-163.58	-93.23	-21.92	99.84	-490.80	-5145.88	-1245.22	-4391.45	1715.45
		400	20.48	-88.19	-175.28	-168.60	-94.88	23.18	1945.11	-1158.38	-1031.50	1818.23	614.56
		288	11.40	5.12	-79.19	-5.35	-68.72	27.80	1577.66	136.77	1080.99	633.45	684.81
66	143	300	22.39	-12.99	-318.17	-230.85	-100.31	-137.92	2461.50	16.55	217.65	2260.40	671.75
		296	36.93	54.38	-161.96	-86.09	-21.49	103.23	-456.79	-5158.12	-1202.40	-4412.51	1717.39
		400	20.14	-86.22	-174.63	-165.75	-95.10	26.58	1918.69	-1126.44	-1002.39	1794.63	601.98
		288	11.69	9.55	-82.22	-2.68	-69.99	31.20	1607.16	171.17	1119.07	659.26	680.19
67	67	55	12.85	-11.00	-125.94	-53.73	-83.20	55.55	1975.90	413.21	667.36	1721.76	576.69
		147	18.77	-39.06	-215.37	-100.44	-153.99	83.99	2551.34	386.39	529.55	2408.18	538.00
		65	37.48	-83.80	-128.59	-128.56	-83.83	-1.11	-1321.50	-5921.66	-1334.33	-5908.83	242.60
		52	34.64	59.82	-303.97	-128.07	-116.09	181.79	-657.98	-4626.37	-710.52	-4573.83	453.59
67	117	55	9.36	-42.59	-80.38	-46.62	-76.35	11.67	1276.67	64.08	479.51	861.24	575.46
		147	11.13	-66.44	-147.39	-82.01	-131.82	31.90	1374.07	72.31	321.38	1125.00	512.05
		65	33.67	-62.75	-135.05	-116.90	-80.91	-31.35	-1179.85	-5304.86	-1191.32	-5293.39	217.20
		52	29.10	-4.36	-215.83	-116.29	-103.89	105.55	-612.36	-4058.99	-661.24	-4010.10	407.54
67	149	55	9.52	-46.92	-80.50	-47.69	-79.73	5.01	1241.03	-1.74	473.31	765.97	603.91
		147	10.67	-72.95	-145.75	-83.13	-135.57	25.25	1270.58	9.34	304.47	975.45	533.97
		65	34.70	-61.13	-145.12	-120.99	-85.26	-38.01	-1213.28	-5458.10	-1225.09	-5446.30	223.56
		52	29.66	-14.99	-213.18	-120.30	-107.87	98.90	-633.26	-4159.53	-684.10	-4108.68	420.36
68	76	56	21.15	-8.29	-151.94	-11.54	-148.69	21.34	2780.14	859.30	1025.47	2613.97	-539.98
		157	31.57	-105.72	-160.37	-110.50	-155.59	15.44	4499.88	901.90	923.95	4477.84	-280.76
		147	18.21	-58.00	-168.63	-87.17	-139.47	48.74	2441.95	558.82	601.12	2399.65	279.05
		55	15.30	33.39	-177.24	-47.50	-96.35	102.45	1970.52	291.28	637.08	1624.72	679.04
68	117	56	16.35	-0.47	-123.28	-2.74	-121.01	-16.54	2218.54	978.55	1012.28	2184.80	-201.74
		157	24.93	-68.70	-130.14	-77.56	-121.27	-21.59	3598.84	868.13	869.14	3597.83	-52.68
		147	15.27	-71.81	-111.47	-72.25	-111.03	4.15	2047.84	433.09	518.62	1962.31	361.66
		55	12.30	-13.03	-112.09	-41.98	-83.14	45.05	1802.60	139.26	552.71	1389.15	718.87
68	149	56	16.55	2.61	-128.08	-1.58	-123.89	-23.01	2238.15	1036.07	1058.05	2216.16	-161.09
		157	25.12	-63.20	-136.53	-76.27	-123.46	-28.06	3619.17	902.02	902.20	3618.99	-22.39
		147	15.61	-73.15	-113.83	-73.29	-113.70	-2.31	2075.34	431.60	530.21	1976.73	390.34
		55	12.54	-20.47	-109.05	-43.02	-86.49	38.59	1858.72	121.53	565.81	1414.44	757.91
69	47	251	30.46	50.81	-678.48	-651.18	23.51	-138.44	1003.27	-91.01	919.55	-7.29	290.88
		132	16.86	127.44	-252.46	-251.24	126.22	21.50	-676.93	-1995.90	-1173.81	-1499.02	-639.12

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		133	20.51	14.90	-399.95	-377.23	-7.81	-94.38	911.49	-534.57	-534.25	911.17	-21.57
		252	15.63	58.08	-339.29	-239.85	-41.36	-172.12	480.08	-226.83	125.52	127.73	-353.45
69	110	251	22.53	100.48	-471.44	-439.86	68.90	-130.63	693.31	-93.21	611.71	-11.61	239.84
		132	11.70	111.45	-144.40	-144.00	111.06	-10.02	-449.97	-1473.59	-914.97	-1008.59	-509.67
		133	16.08	30.92	-314.16	-284.97	1.73	-96.02	684.38	-427.27	-426.81	683.92	22.66
		252	13.28	99.77	-267.86	-176.97	8.87	-158.60	113.28	-340.47	-85.90	-141.29	-225.18
69	142	251	22.51	111.63	-462.72	-428.72	77.63	-135.55	684.72	-112.07	599.18	-26.53	246.66
		132	11.70	114.11	-135.06	-134.16	113.21	-14.94	-451.24	-1476.12	-927.19	-1000.17	-511.14
		133	16.27	34.37	-316.16	-284.17	2.38	-100.94	691.22	-442.47	-441.78	690.53	27.99
		252	13.48	109.67	-268.99	-175.09	15.77	-163.52	86.31	-347.24	-103.76	-157.17	-215.13
70	76	57	27.48	-56.98	-264.63	-173.57	-148.04	-103.03	2885.70	-844.77	440.11	1600.83	-1772.65
		293	23.25	-117.11	-200.56	-200.34	-117.32	-4.21	3126.52	-349.58	63.34	2713.61	-1124.64
		157	31.26	-111.12	-153.15	-111.16	-153.12	1.20	4457.79	812.80	860.42	4410.18	-413.86
		56	21.76	12.47	-131.33	9.57	-128.43	20.21	2958.83	872.11	1079.63	2751.31	-624.48
70	117	57	20.53	-9.32	-218.64	-113.14	-114.82	-104.65	2283.60	-219.74	667.33	1396.54	-1197.39
		293	18.05	-70.27	-147.94	-131.59	-86.63	-31.66	2677.03	156.87	412.81	2421.10	-761.24
		157	25.29	-63.89	-128.79	-77.33	-115.35	-26.30	3705.01	900.94	911.56	3694.38	-172.30
		56	16.37	16.19	-101.66	14.96	-100.44	-11.94	2320.47	983.22	1047.26	2256.42	-285.56
70	149	57	20.50	-2.90	-222.91	-109.32	-116.49	-109.95	2301.79	-137.41	734.64	1429.74	-1169.03
		293	18.23	-65.65	-149.68	-127.65	-87.68	-36.96	2734.35	240.89	487.01	2488.22	-743.73
		157	25.66	-58.67	-133.93	-75.86	-116.74	-31.60	3764.32	955.54	963.09	3756.76	-145.48
		56	16.46	18.77	-104.77	16.32	-102.32	-17.23	2334.84	1041.81	1091.94	2284.71	-249.61
71	86	53	28.19	-8.42	-497.88	-435.85	-70.46	-162.84	1359.13	-1454.58	149.23	-244.69	-1393.00
		66	25.22	-4.44	-309.79	-242.18	-72.05	126.78	1229.29	-2093.68	-1083.05	218.66	-1528.70
		293	26.69	-77.15	-240.11	-230.45	-86.81	-38.50	3144.96	-666.81	-83.29	2561.44	-1372.50
		57	27.85	-64.71	-219.61	-176.27	-108.06	-69.54	3290.19	-714.77	555.49	2019.93	-1863.80
71	118	53	24.62	-18.72	-424.49	-386.10	-57.11	-118.76	888.03	-1452.55	-353.06	-211.46	-1168.14
		66	19.22	-7.52	-282.08	-235.44	-54.17	103.10	665.98	-1977.99	-1337.37	25.36	-1132.87
		293	21.65	-56.50	-206.48	-202.35	-60.63	-24.54	2291.84	-765.04	-325.92	1852.72	-1072.16
		57	23.19	-58.62	-185.72	-163.32	-81.01	-48.43	2559.05	-834.87	183.35	1540.83	-1555.31
71	150	53	25.27	-20.85	-433.39	-396.52	-57.72	-117.69	859.52	-1521.74	-446.22	-216.01	-1185.06
		66	19.28	-8.34	-291.41	-245.69	-54.07	104.17	619.31	-2059.25	-1436.52	-3.43	-1131.48
		293	21.92	-55.90	-211.43	-207.81	-59.52	-23.47	2268.11	-816.54	-378.46	1830.04	-1076.75
		57	23.57	-60.18	-189.56	-168.94	-80.80	-47.36	2568.01	-890.28	135.62	1542.10	-1579.68
72	67	147	19.71	-91.80	-142.73	-91.89	-142.64	2.11	2675.00	744.70	847.77	2571.94	433.97
		361	19.71	-49.97	-208.10	-121.09	-136.98	78.66	2764.68	732.54	788.07	2709.16	331.29
		295	43.22	-108.23	-151.80	-140.73	-119.29	-18.96	-1357.91	-6668.13	-1358.68	-6667.36	63.89
		65	40.98	12.21	-274.30	-133.23	-128.86	143.24	-1133.62	-5994.40	-1142.33	-5985.69	205.55
72	117	147	12.19	-68.77	-131.94	-77.40	-123.31	-21.69	1425.04	407.11	578.73	1253.41	381.12
		361	10.82	-69.90	-141.56	-98.21	-113.25	35.03	1383.69	430.62	520.88	1293.43	279.07
		295	38.32	-77.46	-157.76	-131.74	-103.49	-37.59	-1202.03	-5926.16	-1202.78	-5925.41	59.42
		65	35.99	-37.50	-205.53	-126.87	-116.16	83.84	-1019.76	-5355.53	-1027.61	-5347.68	184.29
72	149	147	11.75	-66.92	-139.01	-78.81	-127.13	-26.75	1310.47	357.51	563.76	1104.22	392.44
		361	10.04	-76.55	-138.73	-99.38	-115.90	29.98	1240.98	392.33	503.05	1130.26	285.84
		295	39.41	-76.76	-167.18	-136.99	-106.95	-42.64	-1235.18	-6092.40	-1235.96	-6091.62	61.47
		65	36.96	-47.57	-205.57	-132.35	-120.79	78.79	-1049.95	-5507.98	-1058.02	-5499.92	189.45
73	76	157	30.63	-104.77	-154.01	-105.18	-153.60	-4.47	4417.62	1064.19	1095.81	4386.00	-324.08
		362	34.47	-128.08	-149.79	-141.09	-136.78	10.64	5102.29	901.06	904.06	5099.28	112.36
		361	19.29	-90.96	-153.91	-120.17	-124.70	31.39	2737.32	743.23	789.23	2691.32	299.35
		147	18.68	-53.94	-171.94	-89.46	-136.42	54.13	2620.39	814.57	903.20	2531.76	390.12
73	119	157	23.91	-62.59	-125.81	-67.04	-121.36	-16.18	3484.66	1111.90	1118.61	3477.95	-125.97
		362	27.15	-92.06	-106.93	-93.61	-105.37	-4.55	4064.95	960.34	968.01	4057.28	154.13
		361	15.64	-88.17	-110.48	-98.45	-100.19	11.12	2217.21	639.27	693.24	2163.24	286.79
		147	15.21	-60.36	-127.37	-75.75	-111.97	28.19	2138.63	660.75	784.45	2014.94	409.28
73	151	157	24.04	-59.19	-129.16	-64.47	-123.88	-18.48	3498.20	1169.83	1174.45	3493.58	-103.57
		362	27.30	-88.45	-109.85	-90.94	-107.36	-6.86	4085.09	1013.84	1022.79	4076.14	165.54
		361	15.81	-92.37	-110.28	-99.72	-102.93	8.81	2230.32	653.52	711.57	2172.27	296.93
		147	15.42	-64.05	-128.35	-77.13	-115.27	25.88	2158.68	667.46	803.87	2022.27	429.90
74	65	189	16.99	87.41	-112.60	25.43	-50.62	-92.49	-1651.17	-2432.83	-1686.04	-2397.96	-161.37
		103	20.37	321.24	-70.83	25.70	224.71	-168.90	2728.51	760.42	2714.92	774.01	-162.98
		15	24.19	311.98	20.24	78.86	253.35	-116.91	2466.70	-329.32	2269.01	-131.63	716.70
		108	24.56	168.31	-176.44	24.02	-32.15	-170.07	-518.68	-2663.55	-1542.06	-1640.17	1071.31
74	106	189	13.12	86.01	-98.02	28.08	-40.08	-85.47	-1177.71	-1848.47	-1185.25	-1840.92	-70.74
		103	16.68	260.67	-55.12	29.49	176.06	-139.86	2203.37	606.76	2193.41	616.73	-125.77
		15	19.00	244.79	2.76	57.06	190.49	-100.97	1927.40	-215.02	1769.60	-57.22	559.61
		108	19.64	137.37	-156.11	11.53	-30.27	-145.24	-388.50	-2057.28	-1162.49	-1283.29	832.20
74	138	189	13.13	90.65	-100.69	29.84	-39.88	-89.09	-1155.73	-1845.94	-1160.56	-1841.11	-57.54
		103	16.98	265.69	-56.38	31.55	177.76	-143.48	2230.65	614.84	2220.59	624.90	-127.12
		15	19.20	248.58	-0.51	56.42	191.65	-104.59	1935.48	-211.10	1777.21	-52.83	560.98
		108	19.85	140.29	-160.27	10.58	-30.56	-148.87	-384.23	-2059.57	-1157.56	-1286.25	835.19
75	76	293	22.91	-117.30	-208.70	-189.72	-136.29	-37.08	3057.60	-422.72	-2.70	2637.59	-1133.74
		364	24.35	-123.51	-194.32	-194.05	-123.79	-4.41	3340.57	-244.10	-173.23	3269.70	-499.01
		362	34.54	-123.32	-136.08	-136.08	-123.32	-0.23	5165.24	881.83	881.85	5165.22	9.52

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		157	30.77	-103.93	-138.20	-103.96	-138.18	0.95	4514.87	1091.13	1125.11	4480.89	-339.43
75	117	293	18.00	-56.46	-153.45	-112.51	-97.39	-47.90	2615.38	9.89	269.27	2356.01	-780.09
		364	20.09	-74.59	-128.01	-115.43	-87.17	-22.67	2888.25	113.43	146.17	2855.52	-299.61
		362	28.31	-72.41	-111.63	-92.35	-91.69	-19.61	4299.84	931.10	933.80	4297.14	95.41
		157	25.11	-59.25	-112.02	-68.21	-103.06	-19.82	3770.57	1105.75	1116.16	3760.17	-166.20
75	149	293	18.24	-50.24	-153.96	-106.24	-97.96	-51.69	2670.94	74.80	323.83	2421.91	-764.53
		364	20.47	-69.93	-127.01	-109.17	-87.77	-26.46	2953.44	171.90	201.46	2923.88	-285.24
		362	28.76	-68.15	-115.03	-90.18	-93.00	-23.40	4368.10	981.98	985.62	4364.46	110.97
		157	25.50	-54.77	-115.57	-66.02	-104.32	-23.61	3833.41	1158.87	1167.23	3825.04	-149.37
76	76	66	29.32	10.78	-431.06	-319.32	-100.96	-192.06	482.93	-1949.98	-1349.78	-117.27	-1048.80
		360	21.97	12.11	-440.00	-312.03	-115.87	203.67	480.68	-2030.81	-1825.74	275.61	-687.72
		364	23.31	-46.29	-227.88	-154.73	-119.45	-89.06	3269.51	-124.26	-49.87	3195.12	-496.92
		293	28.36	-104.21	-216.10	-186.93	-133.38	49.12	3437.43	-574.61	-50.87	2913.69	-1351.65
76	104	66	20.56	-7.60	-278.53	-219.95	-66.18	-111.54	358.06	-1523.12	-1030.19	-134.87	-827.23
		360	15.97	20.45	-313.09	-215.94	-76.70	151.54	345.05	-1554.08	-1372.91	163.87	-557.90
		364	17.19	-47.03	-141.49	-108.89	-79.63	-44.91	2452.55	-80.38	-12.43	2384.60	-409.27
		293	21.59	-66.30	-163.22	-137.13	-92.40	42.99	2602.95	-440.41	-15.55	2178.09	-1054.75
76	136	66	20.39	-9.51	-273.63	-216.76	-66.38	-108.56	358.17	-1527.57	-1025.77	-143.63	-833.34
		360	16.22	24.28	-313.42	-212.68	-76.47	154.51	342.00	-1555.53	-1368.25	154.72	-565.94
		364	17.15	-49.21	-137.42	-106.99	-79.64	-41.94	2443.26	-77.12	-6.09	2372.23	-417.10
		293	21.71	-63.38	-164.67	-135.30	-92.75	45.96	2597.68	-440.59	-9.37	2166.46	-1060.29
77	67	361	18.45	-123.48	-134.02	-134.01	-123.48	-0.27	2480.16	204.97	247.30	2437.83	307.44
		377	17.13	-88.99	-172.37	-154.67	-106.69	34.10	2476.96	338.69	475.59	2340.06	523.43
		365	47.11	-42.80	-198.88	-151.83	-89.85	-71.62	-1516.87	-7465.02	-1519.41	-7462.48	122.81
		295	41.62	22.09	-243.63	-139.47	-82.07	129.72	-1294.99	-6481.82	-1295.00	-6481.81	-6.29
77	119	361	10.62	-105.22	-112.31	-111.03	-106.50	-2.73	1262.47	29.01	84.18	1207.30	254.97
		377	9.00	-77.22	-136.14	-125.37	-87.99	22.77	1170.77	105.15	256.26	1019.66	371.74
		365	41.02	-47.71	-177.83	-145.79	-79.76	-56.06	-1328.74	-6508.94	-1329.53	-6508.15	64.08
		295	36.26	-9.57	-207.30	-137.17	-79.69	94.59	-1136.98	-5652.89	-1136.98	-5652.89	1.43
77	151	361	9.95	-107.62	-114.96	-112.79	-109.79	-3.35	1131.86	-1.61	61.80	1068.45	260.50
		377	8.23	-79.72	-137.29	-126.89	-90.12	22.15	1027.02	62.72	233.04	856.69	367.74
		365	42.08	-51.06	-183.93	-152.15	-82.85	-56.68	-1363.56	-6673.47	-1364.20	-6672.82	58.46
		295	37.18	-15.23	-212.47	-143.77	-83.94	93.97	-1166.48	-5793.15	-1166.48	-5793.15	2.61
78	76	362	35.21	-125.77	-148.71	-141.59	-132.90	-10.61	5109.37	490.49	492.77	5107.10	102.48
		381	36.56	-111.15	-165.77	-164.38	-112.54	8.60	5611.75	1013.85	1083.06	5542.54	559.85
		377	17.31	-100.40	-151.44	-151.04	-100.79	4.49	2474.87	439.21	493.57	2420.50	328.21
		361	18.89	-89.26	-154.79	-124.58	-119.46	32.67	2627.69	242.06	320.97	2548.78	426.63
78	109	362	27.49	-70.98	-122.05	-96.70	-96.33	-25.54	4001.34	419.28	423.46	3997.15	122.31
		381	28.90	-76.30	-116.58	-113.30	-79.59	-11.03	4436.91	822.52	886.26	4373.17	475.72
		377	14.09	-69.77	-123.71	-119.83	-73.65	-13.94	2006.48	345.05	402.37	1949.16	303.22
		361	15.06	-85.83	-103.08	-100.09	-88.82	6.53	2091.59	185.91	264.96	2012.55	379.98
78	141	362	27.59	-67.05	-124.62	-94.63	-97.04	-28.76	4009.01	428.31	432.94	4004.37	128.70
		381	29.06	-74.49	-116.73	-111.19	-80.02	-14.25	4453.32	831.11	896.53	4387.90	482.37
		377	14.28	-68.95	-126.40	-120.70	-74.64	-17.17	2022.46	347.12	407.48	1962.10	312.22
		361	15.20	-89.12	-101.92	-101.00	-90.04	3.30	2101.59	186.77	269.50	2018.86	389.32
79	65	409	23.90	88.94	-220.30	-165.90	34.54	-117.74	-383.30	-2493.25	-1804.08	-1072.47	-989.52
		251	24.51	-18.40	-272.06	-266.79	-23.67	-36.19	3320.36	2127.65	2719.26	2728.76	-596.34
		103	26.17	411.23	12.53	150.90	272.86	-189.79	1268.31	-1875.88	1267.56	-1875.12	48.79
		189	12.87	16.84	-107.35	-4.33	-86.17	-46.70	-591.34	-1599.31	-717.05	-1473.60	-333.03
79	118	409	13.80	43.78	-148.20	-117.80	13.38	-70.09	-253.95	-1397.37	-960.77	-690.55	-555.51
		251	19.76	40.86	-192.18	-192.15	40.83	-2.59	2581.56	1637.54	2378.34	1840.76	-388.00
		103	21.85	329.37	66.50	138.79	257.07	-117.38	1102.97	-1595.01	1102.84	-1594.88	19.32
		189	9.37	6.53	-80.34	4.26	-78.07	-13.84	-348.87	-1136.17	-385.44	-1099.60	-165.70
79	150	409	12.92	39.27	-144.92	-116.82	11.18	-66.22	-250.45	-1298.41	-878.54	-670.31	-513.53
		251	20.10	51.38	-188.52	-188.52	51.37	1.28	2623.26	1636.73	2451.26	1808.73	-374.30
		103	22.40	334.95	75.99	143.18	267.75	-113.51	1131.10	-1637.15	1131.00	-1637.05	17.03
		189	9.36	7.22	-81.27	6.08	-80.13	-9.98	-319.83	-1120.42	-347.70	-1092.55	-146.76
80	76	364	24.99	-96.48	-204.72	-191.16	-110.04	-35.84	3201.29	-572.88	-471.98	3100.38	-608.81
		20	31.81	-92.03	-191.38	-187.05	-96.35	20.27	4686.09	-14.52	6.84	4664.74	316.11
		381	36.19	-98.46	-161.21	-161.18	-98.48	1.25	5619.11	1069.15	1160.58	5527.68	638.48
		362	35.46	-119.11	-143.86	-142.29	-120.68	-6.02	5191.71	429.62	430.95	5190.38	79.60
80	117	364	19.55	-48.62	-133.04	-105.06	-76.61	-39.74	2776.71	-149.17	-93.15	2720.69	-400.97
		20	25.18	-66.24	-101.46	-101.46	-66.24	-0.42	3763.99	246.52	259.31	3751.20	211.72
		381	28.44	-67.75	-111.84	-107.31	-72.28	-13.39	4421.61	940.17	991.97	4369.81	421.50
		362	29.05	-71.52	-111.60	-93.99	-89.13	-19.89	4285.80	444.16	446.45	4283.51	93.78
80	149	364	19.94	-43.49	-130.68	-97.33	-76.84	-42.37	2841.14	-92.74	-39.96	2788.36	-389.95
		20	25.39	-66.12	-94.06	-93.73	-66.46	-3.05	3796.89	296.59	308.71	3784.77	205.62
		381	28.64	-66.65	-111.28	-104.49	-73.44	-16.02	4445.19	963.84	1012.16	4396.87	407.31
		362	29.47	-68.22	-113.29	-91.18	-90.33	-22.53	4346.48	468.02	470.48	4344.02	97.68
81	16	309	47.02	-119.78	-238.76	-233.41	-125.12	24.65	-3012.67	-1.321e+04	-3478.26	-1.275e+04	2129.06
		198	52.93	-187.56	-226.91	-223.62	-190.85	10.89	-1575.32	-1.411e+04	-1619.65	-1.407e+04	744.04
		197	54.65	-189.67	-332.69	-326.54	-195.82	-29.01	-4310.66	-1.537e+04	-4314.99	-1.537e+04	-218.84
		294	43.43	-85.87	-354.98	-347.70	-93.15	43.67	-2677.94	-1.242e+04	-2713.94	-1.238e+04	591.05

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
81	99	309	36.50	-55.45	-181.44	-173.34	-63.55	30.89	-2420.88	-1.043e+04	-2788.34	-1.006e+04	1675.59
		198	40.97	-118.23	-175.17	-167.20	-126.20	19.75	-1295.87	-1.106e+04	-1336.12	-1.102e+04	625.60
		197	42.06	-130.77	-259.87	-259.11	-131.53	-9.94	-3369.43	-1.198e+04	-3370.51	-1.198e+04	-96.21
		294	34.79	-34.27	-281.68	-273.42	-42.52	44.44	-2109.67	-9742.40	-2141.95	-9710.12	495.32
81	131	309	36.56	-49.96	-181.20	-172.27	-58.88	33.04	-2434.86	-1.047e+04	-2803.86	-1.010e+04	1681.59
		198	41.03	-114.39	-175.62	-166.39	-123.61	21.90	-1308.83	-1.109e+04	-1350.26	-1.105e+04	635.30
		197	42.09	-128.94	-261.22	-260.76	-129.40	-7.79	-3377.46	-1.201e+04	-3378.29	-1.201e+04	-84.64
		294	35.03	-29.44	-283.53	-274.67	-38.29	46.59	-2117.95	-9778.77	-2151.15	-9745.58	503.18
82	2	294	56.86	-81.48	-268.15	-266.48	-83.16	17.59	-3231.43	-1.632e+04	-3912.07	-1.564e+04	2906.17
		197	38.13	-170.86	-396.88	-396.34	-171.39	-10.98	-3336.60	-1.051e+04	-3557.16	-1.029e+04	-1238.14
		188	51.29	-74.51	-452.34	-425.24	-101.60	-97.48	633.53	-1.077e+04	-1.076e+04	623.71	-334.61
		332	59.32	2.45	-624.71	-595.72	-26.54	131.69	1.648e+04	9913.27	1.014e+04	1.625e+04	-1201.10
82	109	294	43.06	-34.34	-221.88	-211.51	-44.71	42.86	-2421.48	-1.234e+04	-2954.78	-1.181e+04	2237.39
		197	28.65	-116.57	-312.53	-310.54	-118.56	19.64	-2546.93	-8032.03	-2712.15	-7866.81	-937.52
		188	39.62	-61.27	-351.81	-344.66	-68.42	-45.00	532.16	-8193.59	-8182.72	521.29	-307.78
		332	45.97	24.30	-505.14	-473.36	-7.47	125.75	1.277e+04	7557.70	7736.02	1.259e+04	-947.36
82	141	294	42.93	-29.01	-226.12	-213.96	-41.17	47.42	-2403.00	-1.230e+04	-2938.38	-1.177e+04	2238.81
		197	28.53	-114.22	-316.37	-313.43	-117.16	24.20	-2536.57	-8013.18	-2701.11	-7848.64	-934.90
		188	39.77	-62.15	-357.05	-351.39	-67.81	-40.45	550.69	-8181.51	-8170.23	539.41	-313.66
		332	46.17	28.70	-513.06	-479.66	-4.70	130.31	1.281e+04	7574.22	7754.01	1.263e+04	-953.77
83	47	175	30.04	-117.91	-616.84	-541.64	-193.11	-178.51	2138.90	-542.67	333.59	1262.65	-1257.74
		252	16.47	204.13	85.66	202.60	87.20	-13.40	-573.55	-1985.31	-1612.67	-946.18	-622.27
		251	32.82	174.49	-598.92	-454.11	29.69	-301.71	3535.87	1484.91	3130.87	1889.92	-816.47
		409	25.79	27.50	7.64	8.22	26.92	3.34	418.88	-3613.52	-2499.89	-694.75	-1802.90
83	120	175	18.63	-104.47	-452.10	-407.71	-148.86	-116.02	1824.96	135.01	901.47	1058.49	-841.32
		252	10.06	178.73	88.41	177.47	89.67	-10.59	-127.08	-1020.04	-668.89	-478.22	-436.18
		251	27.98	151.05	-428.65	-332.22	54.62	-215.88	3138.51	1484.19	2944.40	1678.30	-532.39
		409	17.09	26.91	9.27	19.50	16.68	8.71	377.43	-2247.91	-1397.07	-473.41	-1228.74
83	152	175	18.06	-107.22	-450.60	-407.72	-150.11	-113.52	1872.99	232.96	1029.07	1076.87	-819.67
		252	9.59	179.34	93.26	178.57	94.02	-8.10	-62.54	-929.59	-562.01	-430.12	-428.48
		251	28.57	153.36	-424.25	-330.06	59.18	-213.38	3229.88	1546.57	3053.91	1722.53	-515.02
		409	16.64	29.56	6.63	20.54	15.65	11.20	393.81	-2148.85	-1295.04	-460.00	-1200.82
84	68	443	34.67	-19.18	-413.57	-30.66	-402.10	66.28	1112.97	-1468.89	-1446.30	1090.37	240.47
		476	34.33	42.00	-66.95	40.33	-65.28	13.40	3881.41	2591.83	2709.67	3763.57	371.59
		471	31.44	-30.38	-117.50	-30.50	-117.38	-3.22	-2143.89	-3315.83	-2356.70	-3103.02	451.78
		437	30.46	67.69	-123.24	41.19	-96.74	66.02	1606.80	-1263.60	1304.84	-961.64	880.66
84	110	443	25.75	-16.09	-315.34	-17.12	-314.31	17.53	779.62	-1051.05	-1025.08	753.65	216.49
		476	26.50	26.00	-65.25	20.06	-59.31	-22.52	2898.09	2001.91	2122.46	2777.53	305.79
		471	24.53	-10.07	-112.75	-21.89	-100.93	-32.77	-1665.78	-2590.29	-1795.44	-2460.63	321.03
		437	22.34	37.16	-84.32	34.48	-81.63	17.85	1266.30	-936.90	1049.38	-719.98	656.40
84	142	443	25.76	-15.46	-316.82	-15.91	-316.37	11.68	776.54	-1036.04	-1008.71	749.21	220.89
		476	26.63	27.40	-70.83	18.38	-61.81	-28.36	2890.17	2011.70	2137.12	2764.75	307.32
		471	24.64	-6.22	-118.58	-21.60	-103.20	-38.62	-1667.28	-2600.05	-1791.72	-2475.61	317.16
		437	22.25	36.03	-84.61	34.82	-83.40	12.01	1269.57	-941.45	1054.62	-726.50	655.01
85	2	330	34.62	-37.50	-311.75	-309.41	-39.84	25.20	-635.94	-9206.07	-3136.79	-6705.23	-3895.94
		294	60.42	-76.72	-374.39	-374.06	-77.05	-9.83	-2940.34	-1.685e+04	-2958.93	-1.684e+04	-508.16
		332	64.52	0.91	-394.37	-354.18	-39.28	119.47	1.903e+04	8137.98	8653.32	1.851e+04	-2312.48
		214	33.97	-40.13	-287.13	-239.92	-87.35	97.12	7332.58	-1918.78	-744.20	6158.00	-3080.07
85	109	330	27.94	-6.45	-258.46	-247.90	-17.02	50.50	-443.29	-7059.74	-2397.05	-5105.98	-3018.24
		294	46.30	-37.15	-295.16	-292.64	-39.67	25.37	-2288.97	-1.276e+04	-2305.35	-1.274e+04	-413.83
		332	49.90	32.95	-323.15	-276.71	-13.49	119.92	1.471e+04	6257.08	6638.87	1.433e+04	-1755.32
		214	27.02	-0.15	-248.12	-194.37	-53.90	102.18	5745.98	-1446.21	-536.93	4836.70	-2390.17
85	141	330	28.19	-1.92	-263.10	-250.57	-14.46	55.82	-428.86	-7055.68	-2395.50	-5089.04	-3027.36
		294	46.30	-32.55	-298.71	-295.13	-36.14	30.69	-2282.64	-1.272e+04	-2299.70	-1.270e+04	-421.63
		332	50.04	39.09	-329.02	-279.84	-10.09	125.24	1.475e+04	6268.24	6648.63	1.437e+04	-1755.32
		214	27.17	5.42	-254.57	-197.67	-51.48	107.50	5762.53	-1439.68	-531.79	4854.65	-2390.50
86	2	332	47.94	29.34	-614.59	-597.38	12.12	-103.86	1.310e+04	7293.21	9217.36	1.118e+04	-2734.02
		188	54.29	-69.45	-425.49	-425.41	-69.53	5.36	2643.93	-1.048e+04	-1.032e+04	2491.72	-1404.89
		202	35.96	-108.97	-428.87	-428.44	-109.41	11.80	7321.35	-1561.55	-1554.12	7313.92	-256.82
		319	21.50	-55.29	-180.28	-177.83	-57.74	-17.32	3977.88	-2368.65	822.59	786.63	-3173.22
86	119	332	37.29	30.90	-488.38	-481.48	24.00	-59.47	1.013e+04	5573.06	7005.36	8698.84	-2115.90
		188	42.45	-31.85	-351.26	-349.63	-33.48	22.73	2122.75	-8005.31	-7862.89	1980.32	-1192.54
		202	29.01	-58.21	-340.32	-338.10	-60.43	24.96	5727.12	-1323.01	-1308.17	5712.29	-323.04
		319	17.00	-27.30	-155.34	-155.26	-27.38	3.12	3107.18	-1860.22	491.71	755.25	-2480.20
86	151	332	37.50	33.28	-495.35	-489.19	27.12	-56.71	1.016e+04	5592.58	7017.86	8736.28	-2116.76
		188	42.71	-28.57	-359.36	-357.38	-30.55	25.50	2154.51	-8000.10	-7852.36	2006.76	-1215.92
		202	29.34	-54.40	-346.25	-343.59	-57.06	27.72	5749.34	-1346.88	-1329.70	5732.15	-348.77
		319	17.14	-23.56	-160.99	-160.74	-23.81	5.88	3117.17	-1858.62	472.27	786.28	-2482.93
87	2	188	62.02	-109.07	-589.34	-586.04	-112.37	-39.67	1156.84	-1.242e+04	-1.242e+04	1155.72	123.24
		100	103.95	-166.18	-615.89	-376.56	-405.51	-224.39	2.601e+04	2.337e+04	2.422e+04	2.515e+04	1236.21
		257	36.22	-235.15	-901.96	-894.96	-242.15	-67.97	3997.29	-854.92	3991.85	-849.48	162.39
		202	49.08	36.07	-311.23	-256.15	-19.01	126.87	1.050e+04	-1782.03	-367.26	9084.68	3920.96
87	117	188	47.79	-69.25	-465.26	-464.96	-69.56	-10.93	968.32	-9382.74	-9382.64	968.22	-32.19

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		100	79.88	-163.67	-472.98	-321.18	-315.48	-154.63	1.990e+04	1.789e+04	1.861e+04	1.918e+04	961.51
		257	29.57	-183.53	-711.73	-709.05	-186.21	-37.52	3474.89	-520.04	3472.08	-517.24	105.85
		202	37.95	33.56	-283.64	-241.06	-9.02	108.14	8160.68	-971.75	37.92	7151.01	2863.80
87	149	188	47.95	-67.72	-472.40	-472.21	-67.91	-8.72	995.38	-9357.05	-9356.78	995.11	-53.13
		100	80.06	-172.38	-477.37	-329.70	-320.04	-152.42	1.990e+04	1.790e+04	1.863e+04	1.918e+04	961.99
		257	30.05	-189.29	-724.33	-721.99	-191.63	-35.31	3541.44	-506.53	3538.98	-504.07	99.69
		202	38.03	34.17	-295.17	-252.73	-8.27	110.35	8183.13	-886.44	109.42	7187.27	2835.54
89	2	198	54.09	-181.56	-223.60	-214.64	-190.51	17.21	-4052.73	-1.505e+04	-4274.04	-1.483e+04	1544.12
		250	57.85	-151.69	-266.48	-203.94	-214.23	57.16	-4449.05	-1.596e+04	-4549.33	-1.586e+04	1069.81
		246	70.23	-271.82	-326.67	-287.94	-310.56	24.98	-818.90	-1.785e+04	-888.83	-1.778e+04	1088.98
		197	58.58	-207.78	-335.41	-334.71	-208.49	-9.47	-4784.97	-1.645e+04	-5124.19	-1.611e+04	-1960.44
89	107	198	41.71	-111.41	-173.98	-155.60	-129.78	28.50	-3113.39	-1.166e+04	-3294.28	-1.148e+04	1230.19
		250	44.61	-98.29	-206.46	-150.92	-153.84	54.06	-3400.42	-1.235e+04	-3481.94	-1.226e+04	850.02
		246	54.14	-192.31	-252.12	-221.58	-222.85	29.90	-674.29	-1.387e+04	-730.92	-1.381e+04	862.47
		197	44.90	-141.42	-256.94	-256.27	-142.09	8.81	-3755.47	-1.278e+04	-3996.67	-1.254e+04	-1455.50
89	139	198	41.77	-107.18	-174.09	-154.10	-127.17	30.63	-3111.35	-1.169e+04	-3294.56	-1.150e+04	1239.90
		250	44.70	-94.91	-207.33	-149.69	-152.56	56.19	-3399.85	-1.237e+04	-3482.45	-1.229e+04	856.84
		246	54.21	-190.48	-254.54	-222.94	-222.08	32.03	-680.71	-1.389e+04	-738.09	-1.384e+04	868.90
		197	44.89	-138.99	-258.37	-257.35	-140.00	10.94	-3766.25	-1.280e+04	-4003.89	-1.256e+04	-1445.85
90	56	98	80.46	-132.73	-190.17	-139.44	-183.46	-18.45	2.227e+04	4055.45	4106.37	2.222e+04	961.69
		6	87.42	-33.18	-300.88	-142.17	-191.88	131.52	2.427e+04	4527.75	4531.98	2.426e+04	288.89
		250	58.81	-186.57	-246.28	-193.01	-239.85	18.51	-4075.36	-1.603e+04	-4248.74	-1.586e+04	1429.20
		198	56.01	-157.77	-278.84	-219.88	-216.74	60.52	-4253.38	-1.538e+04	-4400.97	-1.523e+04	1272.88
90	111	98	61.19	-72.46	-136.05	-81.15	-127.37	21.84	1.701e+04	3138.56	3163.64	1.698e+04	589.23
		6	68.35	17.33	-247.52	-85.02	-145.18	128.96	1.891e+04	3543.59	3544.03	1.891e+04	81.91
		250	44.71	-110.07	-216.09	-141.78	-184.37	48.55	-3026.12	-1.207e+04	-3157.22	-1.194e+04	1080.97
		198	43.40	-78.45	-235.91	-159.56	-154.80	78.70	-3231.19	-1.190e+04	-3333.91	-1.180e+04	938.13
90	143	98	61.16	-62.18	-138.87	-75.28	-125.76	28.87	1.700e+04	3143.79	3166.52	1.698e+04	560.81
		6	68.64	27.40	-252.54	-79.47	-145.67	136.00	1.897e+04	3557.12	3557.33	1.897e+04	57.05
		250	44.61	-102.88	-222.88	-140.27	-185.49	55.58	-3003.74	-1.201e+04	-3134.47	-1.188e+04	1077.25
		198	43.48	-70.18	-241.68	-157.74	-154.11	85.73	-3220.40	-1.191e+04	-3321.35	-1.180e+04	930.91
91	76	471	27.13	-5.90	-120.58	-7.48	-119.00	-13.37	-732.19	-2631.25	-732.20	-2631.24	-3.31
		483	30.73	0.10	-138.25	-12.92	-125.24	40.39	-949.95	-3058.60	-951.96	-3056.59	-65.06
		363	22.05	-6.17	-171.93	-94.16	-83.94	-82.72	2079.05	350.81	360.87	2068.98	131.50
		292	21.02	29.74	-195.41	-94.53	-71.14	111.97	1781.81	219.63	261.92	1739.52	-253.53
91	118	471	20.64	-10.14	-111.15	-11.07	-110.21	-9.67	-593.74	-1936.09	-593.88	-1935.95	-13.62
		483	23.47	-9.01	-123.07	-14.95	-117.13	25.34	-761.67	-2258.84	-762.08	-2258.44	-24.71
		363	18.54	-21.02	-149.61	-86.63	-83.99	-64.28	1707.79	303.16	314.90	1696.05	127.89
		292	17.22	0.71	-161.39	-86.91	-73.78	80.78	1466.40	202.18	235.22	1433.36	-201.69
91	156	471	20.34	-10.98	-109.60	-11.15	-109.42	-4.13	-591.46	-1908.43	-591.54	-1908.36	-9.77
		483	23.49	-6.91	-127.20	-15.44	-118.67	30.88	-760.66	-2251.18	-760.97	-2250.87	-21.42
		363	18.53	-27.21	-144.69	-86.51	-85.39	-58.74	1716.22	306.54	318.29	1704.46	128.21
		292	17.67	7.02	-166.16	-86.31	-72.83	86.33	1498.82	212.38	246.76	1464.45	-207.46
92	67	134	2.64	25.39	-50.97	6.88	-32.46	-32.72	80.80	-14.49	79.22	-12.91	-12.18
		135	3.68	7.88	-86.81	-28.75	-50.19	46.12	184.34	-26.79	175.44	-17.89	42.43
		107	4.88	7.42	-56.00	-8.12	-40.46	27.28	574.07	283.71	286.97	570.81	-30.60
		81	4.92	-18.39	-44.69	-18.39	-44.68	-0.44	623.50	249.86	250.09	623.26	9.37
92	111	134	2.04	26.00	-27.41	16.93	-18.35	-20.05	122.86	27.35	122.51	27.70	-5.72
		135	2.64	12.82	-54.44	-8.85	-32.77	31.43	214.11	41.71	211.84	43.98	19.65
		107	3.25	11.42	-40.53	-0.74	-28.38	21.99	350.38	203.07	211.16	342.28	-33.58
		81	3.03	-6.13	-30.32	-6.13	-30.32	0.12	371.37	180.56	181.55	370.38	13.69
92	148	134	2.41	-6.52	-47.82	-34.62	-19.71	-19.26	-45.12	-156.74	-133.67	-68.18	-45.19
		135	3.39	-9.90	-80.61	-59.82	-30.69	32.22	0.33	-145.13	-52.74	-92.06	70.03
		107	2.32	-3.37	-49.70	-30.72	-22.35	22.78	228.49	56.50	56.93	228.06	8.57
		81	2.53	-26.96	-36.80	-36.71	-27.05	0.91	301.25	31.06	35.42	296.88	-34.06
93	67	81	4.96	-16.26	-51.29	-17.08	-50.46	-5.30	604.98	292.42	292.72	604.69	-9.66
		107	5.64	1.76	-75.49	-11.00	-62.72	28.69	594.53	233.87	234.15	594.25	-9.96
		244	8.82	-16.36	-64.03	-19.60	-60.79	12.01	1168.37	331.19	335.60	1163.96	-60.59
		105	8.33	-38.08	-53.00	-38.14	-52.93	-1.00	1163.50	351.73	354.81	1160.42	49.91
93	113	81	3.09	1.34	-35.84	-1.40	-33.10	-9.71	356.17	219.47	219.80	355.83	6.74
		107	3.73	6.09	-50.01	1.39	-45.30	15.55	383.25	190.32	190.40	383.16	-4.01
		244	6.17	-9.94	-46.13	-10.28	-45.80	3.45	805.07	240.19	244.07	801.19	-46.64
		105	5.53	-20.16	-38.20	-22.66	-35.70	-6.24	762.96	245.59	251.45	757.11	54.74
93	145	81	3.13	4.89	-35.94	1.86	-32.92	-10.70	361.58	232.16	233.15	360.59	11.26
		107	3.83	8.35	-49.95	4.45	-46.04	14.57	397.53	205.47	205.59	397.41	-4.89
		244	6.28	-8.61	-47.02	-8.77	-46.86	2.46	818.47	249.43	253.57	814.33	-48.35
		105	5.59	-18.03	-38.76	-20.96	-35.83	-7.22	768.06	251.74	259.11	760.69	61.26
94	55	105	8.48	-45.13	-71.16	-45.40	-70.90	-2.63	1099.99	334.60	342.31	1092.29	76.41
		244	9.33	-12.72	-80.95	-14.42	-79.25	10.64	1135.07	278.09	291.48	1121.69	-106.26
		421	11.90	-54.15	-90.16	-76.25	-68.05	-17.53	1672.21	218.66	223.01	1667.86	-79.40
		106	11.18	-52.95	-75.52	-71.25	-57.22	8.84	1638.70	366.52	376.12	1629.10	110.08
94	110	105	6.81	-40.64	-47.40	-40.77	-47.26	-0.94	931.30	232.58	233.63	930.26	27.01
		244	7.14	-14.37	-49.11	-16.94	-46.54	9.09	932.76	178.95	192.27	919.44	-99.32

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		421	9.51	-31.76	-65.11	-59.06	-37.82	-12.86	1413.35	145.00	151.94	1406.41	-93.56
		106	9.22	-32.87	-59.58	-57.06	-35.39	7.80	1397.73	259.96	262.23	1395.46	50.77
94	142	105	7.06	-41.63	-47.90	-41.77	-47.76	-0.94	969.68	235.24	235.97	968.94	23.17
		244	7.36	-15.16	-49.08	-17.81	-46.43	9.09	967.89	179.79	193.88	953.81	-104.42
		421	9.72	-31.53	-65.09	-59.09	-37.53	-12.86	1448.09	143.10	150.87	1440.32	-100.38
		106	9.47	-33.17	-59.76	-57.23	-35.70	7.81	1435.52	260.00	261.83	1433.69	46.39
95	87	106	11.06	-65.23	-82.85	-77.82	-70.26	7.95	1546.71	271.59	295.45	1522.85	172.79
		421	11.25	-46.30	-83.42	-77.72	-52.01	-13.39	1636.82	118.58	135.61	1619.79	-159.87
		368	17.30	-24.66	-174.56	-174.54	-24.67	1.59	2472.03	427.42	444.80	2454.65	187.74
		375	17.97	-44.15	-123.70	-118.93	-48.91	18.88	2774.04	424.37	449.61	2748.81	-242.19
95	110	106	11.81	-47.29	-62.45	-60.21	-49.53	5.37	1753.87	311.48	320.18	1745.16	111.72
		421	12.19	-28.17	-62.16	-58.50	-31.82	-10.53	1869.56	190.15	200.10	1859.62	-128.82
		368	13.91	-12.45	-135.44	-135.42	-12.47	1.50	1969.88	349.67	361.57	1957.98	138.35
		375	14.11	-31.18	-96.91	-94.61	-33.48	12.09	2206.48	332.37	355.07	2183.78	-205.01
95	142	106	12.46	-47.61	-62.60	-60.36	-49.85	5.34	1856.34	326.20	333.29	1849.25	103.90
		421	12.86	-27.77	-62.15	-58.52	-31.40	-10.57	1980.44	204.60	214.43	1970.60	-131.80
		368	14.59	-12.15	-136.06	-136.04	-12.16	1.47	2081.32	371.47	382.51	2070.28	136.96
		375	14.75	-31.57	-97.64	-95.37	-33.85	12.06	2312.24	351.70	374.76	2289.19	-211.34
96	35	135	5.50	0.81	-91.85	-50.67	-40.37	-46.05	328.01	-163.95	146.75	17.31	-237.32
		191	12.76	-8.72	-133.46	-75.88	-66.30	62.19	182.00	-1206.28	-853.96	-170.32	604.14
		424	4.31	-14.48	-34.54	-16.42	-32.60	-5.93	597.78	161.32	461.32	297.78	202.33
		107	4.42	-14.94	-73.01	-31.94	-56.01	26.43	395.06	-65.21	-64.62	394.47	16.50
96	116	135	3.28	-8.71	-71.52	-60.19	-20.04	-24.15	83.12	-151.11	-14.76	-53.23	-115.52
		191	9.04	-19.55	-90.59	-72.27	-37.87	31.08	115.22	-895.08	-623.34	-156.52	447.99
		424	3.11	-6.20	-29.18	-27.08	-8.30	-6.62	363.72	25.38	227.18	161.92	165.99
		107	2.99	-16.99	-48.12	-37.78	-27.33	14.66	242.95	-149.62	-141.77	235.11	54.94
96	148	135	3.39	-9.58	-76.15	-65.77	-19.96	-24.15	60.53	-160.52	-34.86	-65.13	-109.49
		191	9.26	-20.40	-94.57	-77.73	-37.24	31.07	107.20	-915.11	-642.76	-165.15	451.95
		424	3.13	-5.52	-32.37	-30.63	-7.27	-6.62	351.88	6.58	204.46	154.01	170.80
		107	3.22	-17.82	-50.53	-41.44	-26.92	14.66	232.18	-174.84	-165.18	222.51	61.97
97	67	107	5.50	-12.94	-68.78	-14.32	-67.40	8.68	602.86	315.16	329.55	588.47	-62.71
		424	4.07	-20.94	-23.82	-22.81	-21.94	1.37	541.55	-38.37	206.43	296.75	286.42
		204	5.69	24.95	-10.59	13.68	0.67	16.53	931.01	449.58	756.12	624.47	-231.54
		244	10.27	-6.98	-72.84	-7.66	-72.16	-6.67	1299.71	212.03	223.97	1287.77	-113.31
97	113	107	3.72	1.66	-48.30	0.92	-47.56	6.03	406.39	264.65	284.80	386.24	-49.49
		424	2.73	-4.19	-16.67	-4.77	-16.10	-2.62	374.06	39.15	204.20	209.02	167.44
		204	3.99	21.11	-1.75	16.30	3.06	9.32	659.77	338.85	561.07	437.55	-148.10
		244	7.04	5.76	-51.26	5.47	-50.97	-4.05	882.91	186.65	201.36	868.20	-100.15
97	145	107	3.84	5.19	-48.84	4.54	-48.19	5.88	426.78	284.35	308.86	402.27	-53.76
		424	2.74	-0.78	-17.67	-1.25	-17.20	-2.76	386.98	68.73	229.16	226.55	159.12
		204	4.17	22.84	-2.22	18.86	1.77	9.17	683.85	348.50	578.54	453.81	-155.64
		244	7.16	8.41	-52.10	8.11	-51.80	-4.20	898.42	202.26	217.93	882.75	-103.27
98	2	379	13.10	-104.35	-307.96	-272.22	-140.09	-77.46	710.16	-357.89	17.06	335.21	-509.78
		310	10.07	92.18	-87.55	92.01	-87.38	5.53	877.48	5.39	757.40	125.46	300.50
		320	34.59	-164.25	-770.16	-674.42	-259.99	-221.00	2479.35	1048.52	2394.99	1132.88	-337.03
		142	23.10	161.86	-243.88	-190.39	108.38	137.26	-361.40	-2004.76	-1715.96	-650.21	625.46
98	120	379	12.68	-48.73	-270.40	-222.11	-97.02	-91.50	669.87	-388.32	154.60	126.95	-528.91
		310	5.76	40.23	-83.73	34.31	-77.81	-26.43	169.16	-501.17	-83.28	-248.74	324.79
		320	27.50	-110.43	-636.76	-536.63	-210.56	-206.57	1698.39	787.03	1686.30	799.13	-104.30
		142	14.59	82.48	-225.63	-210.05	66.90	67.51	-193.88	-1015.34	-811.96	-397.26	354.55
98	152	379	13.15	-38.58	-280.64	-223.69	-95.53	-102.67	688.22	-359.42	186.60	142.20	-523.35
		310	6.42	43.95	-89.77	32.37	-78.20	-37.60	194.31	-516.77	-57.10	-265.36	339.95
		320	28.46	-106.46	-657.53	-550.83	-213.15	-217.75	1749.19	775.80	1738.70	786.29	-100.54
		142	14.32	76.81	-234.47	-223.92	66.25	56.33	-169.82	-961.96	-752.66	-379.12	349.27
99	85	220	84.88	-1.45	-505.92	-440.82	-66.55	-169.13	-6362.49	-1.328e+04	-7346.73	-1.230e+04	-2417.35
		218	39.37	115.56	-365.91	-297.06	46.71	-168.55	5277.66	2409.31	5186.76	2500.21	-502.46
		217	69.26	83.97	-1029.35	-1011.06	65.68	-141.52	4308.01	-1247.38	4233.85	-1173.23	637.54
		120	38.79	229.51	-276.37	-180.22	133.36	198.49	794.83	-3312.21	-3030.69	513.31	1037.77
99	112	220	66.54	-8.53	-382.81	-348.27	-43.07	-108.32	-4603.83	-1.061e+04	-5374.22	-9835.18	-2007.53
		218	30.25	93.47	-269.35	-233.62	57.74	-108.11	4073.97	1736.06	3947.16	1862.87	-529.53
		217	53.81	86.17	-776.48	-767.31	77.00	-88.45	3620.86	-608.72	3551.68	-539.54	536.49
		120	28.08	206.50	-222.05	-130.43	114.88	175.69	183.25	-2409.03	-2144.19	-81.59	785.11
99	144	220	66.78	-9.50	-381.10	-350.13	-40.47	-102.72	-4574.90	-1.068e+04	-5354.18	-9903.36	-2037.73
		218	30.54	95.14	-266.87	-235.04	63.32	-102.51	4129.61	1794.47	3993.79	1930.29	-546.55
		217	54.01	91.33	-772.83	-764.81	83.31	-82.85	3696.28	-542.01	3621.69	-467.42	557.28
		120	27.98	214.12	-224.46	-128.54	118.20	181.29	135.43	-2381.95	-2101.26	-145.26	792.35
100	55	244	9.98	-19.82	-102.08	-19.83	-102.06	-1.09	1128.89	244.51	246.44	1126.95	41.31
		204	7.97	30.48	-1.81	30.47	-1.81	0.49	1211.69	88.14	545.65	754.17	-552.01
		340	15.03	-19.20	-38.33	-19.34	-38.19	-1.60	2041.15	-149.97	-111.79	2002.96	-286.71
		421	12.04	-10.51	-115.62	-44.50	-81.64	-49.16	1648.22	453.48	470.14	1631.56	-140.09
100	110	244	7.79	-24.08	-67.03	-24.08	-67.03	-0.06	936.38	123.01	123.10	936.29	8.74
		204	5.62	42.56	15.44	15.45	42.56	0.34	738.46	8.25	296.85	449.86	-357.00
		340	11.53	16.01	-9.61	-9.48	15.88	-1.84	1553.54	-131.61	-89.45	1511.37	-263.21

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		421	9.60	-4.70	-80.70	-35.72	-49.69	-37.35	1389.26	279.80	300.41	1368.65	-149.82
100	142	244	8.01	-25.66	-67.08	-25.66	-67.08	-0.09	969.34	117.06	117.11	969.28	6.72
		204	5.71	46.95	14.70	14.70	46.95	0.31	736.12	3.63	285.01	454.74	-356.28
		340	11.75	20.65	-9.06	-8.94	20.53	-1.87	1560.36	-142.00	-97.69	1516.05	-271.04
		421	9.81	-4.77	-80.73	-36.04	-49.46	-37.38	1424.90	275.03	297.70	1402.23	-159.85
101	87	421	14.32	-26.04	-213.44	-108.65	-130.83	-93.04	1685.16	274.10	280.36	1678.90	-93.76
		340	14.32	123.71	-7.41	108.47	7.82	42.02	1680.65	-81.80	32.15	1566.69	-433.43
		527	37.78	-45.10	-438.93	-243.21	-240.82	-196.91	4590.87	305.10	335.55	4560.42	359.95
		368	21.87	91.88	-190.10	-188.01	89.79	-24.20	2618.98	500.46	520.96	2598.48	207.37
101	114	421	14.13	-15.29	-161.48	-84.25	-92.51	-72.98	1893.59	326.97	335.72	1884.85	-116.73
		340	14.82	99.84	14.57	86.28	28.13	31.18	2051.85	27.36	95.50	1983.71	-365.10
		527	28.49	-23.64	-326.45	-188.50	-161.58	-150.81	3573.48	140.80	153.03	3561.25	204.53
		368	18.02	76.09	-147.30	-145.52	74.31	-19.85	2097.06	277.84	290.51	2084.39	151.27
101	146	421	14.77	-15.02	-161.70	-84.53	-92.20	-73.24	2004.28	339.31	348.40	1995.20	-122.64
		340	15.53	100.60	17.96	86.69	31.88	30.92	2188.70	43.69	113.07	2119.32	-379.48
		527	29.15	-21.39	-325.07	-188.53	-157.93	-151.07	3704.73	138.31	149.10	3693.95	195.82
		368	18.75	76.34	-148.09	-146.27	74.52	-20.11	2203.32	277.14	288.69	2191.77	148.72
102	55	191	12.99	-3.06	-135.78	-40.77	-98.08	-59.85	1461.25	-95.80	1205.74	159.71	576.67
		343	3.90	36.38	0.39	18.40	18.37	18.00	39.40	-400.94	-305.03	-56.51	-181.75
		341	5.56	12.60	-88.98	-20.99	-55.40	-47.79	344.11	-47.00	162.12	134.99	195.08
		424	4.09	6.56	-47.05	-25.32	-15.16	-26.32	283.22	-141.48	26.42	115.32	207.64
102	110	191	8.32	-11.39	-85.96	-43.48	-53.87	-36.92	807.44	-178.47	587.61	41.35	410.37
		343	3.50	19.15	-0.45	-0.07	18.77	2.70	-38.09	-505.90	-488.75	-55.24	-87.91
		341	4.49	3.51	-64.11	-28.97	-31.62	-33.78	206.12	-226.28	-89.11	68.96	201.24
		424	3.68	17.68	-49.53	-34.47	2.62	-28.02	77.12	-320.22	-210.50	-32.60	177.65
102	142	191	8.28	-12.28	-87.43	-46.67	-53.04	-37.44	771.20	-202.42	541.65	27.13	413.28
		343	3.87	18.95	-3.62	-3.41	18.74	2.19	-45.59	-545.73	-532.67	-58.65	-79.76
		341	4.64	2.87	-65.72	-31.45	-31.40	-34.29	204.55	-260.19	-122.82	67.18	212.07
		424	3.79	18.37	-51.55	-36.78	3.61	-28.54	63.49	-354.55	-246.25	-44.81	183.16
103	16	424	7.30	3.95	-109.96	-71.19	-34.82	-53.98	520.34	-29.43	311.21	179.70	266.90
		341	4.94	31.90	-80.56	10.34	-59.00	-44.27	107.08	-179.84	-122.31	49.55	114.88
		143	9.48	-4.62	-201.69	-77.65	-128.67	-95.17	206.46	-393.03	-251.51	64.95	254.58
		204	4.32	88.60	27.85	27.90	88.55	1.72	475.24	203.06	455.39	222.91	70.77
103	110	424	6.00	19.04	-90.76	-62.70	-9.03	-47.89	273.48	-224.37	24.25	24.85	248.92
		341	4.89	16.25	-63.37	-6.79	-40.33	-36.11	143.39	-315.57	-241.43	69.24	168.92
		143	8.39	-12.47	-156.00	-74.48	-93.99	-71.10	251.27	-473.71	-306.04	83.59	305.69
		204	3.68	76.45	-0.77	0.81	74.86	-10.95	283.46	-26.93	191.54	64.98	141.70
103	142	424	6.16	21.10	-93.34	-64.90	-7.33	-49.45	252.44	-264.30	-13.67	1.81	258.25
		341	5.18	15.77	-65.80	-9.37	-40.66	-37.67	152.51	-351.84	-273.95	74.63	182.25
		143	8.73	-12.67	-158.99	-77.33	-94.33	-72.66	268.43	-508.97	-330.74	90.21	326.78
		204	3.93	78.46	-3.62	-1.67	76.51	-12.51	271.55	-66.60	161.45	43.50	158.46
104	55	536	18.76	-353.70	-393.54	-374.06	-373.19	-19.92	5680.73	514.11	3938.45	2256.40	2442.57
		17	20.78	-262.61	-406.77	-263.10	-406.29	-8.34	6472.31	364.37	1639.69	5196.99	2482.56
		199	25.68	-330.94	-551.11	-502.94	-379.12	-91.03	-3734.86	-9231.63	-4164.96	-8801.53	1476.19
		537	23.12	-323.55	-396.55	-396.55	-323.56	0.58	7506.83	429.33	7467.33	468.83	527.27
104	95	536	14.25	-272.67	-310.59	-296.90	-286.35	-18.21	4059.91	-404.35	2503.24	1152.32	2127.48
		17	14.15	-214.70	-311.20	-216.01	-309.90	-11.15	4005.19	-537.98	781.69	2685.52	2062.52
		199	20.76	-262.99	-450.68	-418.77	-294.89	-70.50	-3212.09	-7459.14	-3537.21	-7134.01	1129.21
		537	16.44	-255.39	-342.94	-342.70	-255.63	-4.54	4743.06	-230.39	4676.59	-163.92	571.11
104	127	536	14.39	-272.48	-312.78	-298.88	-286.38	-19.16	4051.70	-589.17	2424.99	1037.54	2214.31
		17	14.00	-216.33	-311.14	-217.90	-309.57	-12.09	3883.36	-734.00	682.67	2466.68	2129.40
		199	21.31	-264.30	-458.03	-426.57	-295.75	-71.44	-3362.46	-7693.96	-3692.34	-7364.08	1148.93
		537	16.39	-256.50	-350.88	-350.56	-256.82	-5.49	4618.34	-365.80	4542.36	-289.82	610.67
105	36	534	16.88	-274.60	-420.46	-284.68	-410.38	37.00	4558.67	2884.31	2888.09	4554.88	79.54
		535	19.31	-272.35	-426.53	-272.44	-426.44	3.74	5788.08	2100.66	2268.28	5620.45	768.12
		17	17.09	-328.13	-402.24	-332.17	-398.20	-16.83	4853.16	508.84	1493.49	3868.52	1818.81
		536	18.45	-349.91	-365.09	-349.91	-365.09	-0.06	5867.49	2179.15	4440.45	3606.19	1796.37
105	100	534	13.48	-218.49	-334.29	-235.12	-317.66	40.61	3744.09	2243.92	2270.85	3717.16	199.19
		535	15.51	-224.04	-329.27	-226.18	-327.13	14.87	4803.81	1714.38	1859.00	4659.19	652.60
		17	13.91	-268.02	-305.19	-268.02	-305.19	-0.20	4160.93	374.04	1126.60	3408.38	1511.13
		536	14.38	-269.56	-294.84	-282.00	-282.40	12.64	4639.50	1568.74	3165.26	3042.99	1534.16
105	132	534	13.68	-219.41	-337.07	-238.33	-318.14	43.23	3846.40	2272.56	2307.98	3810.98	233.43
		535	15.77	-226.22	-329.97	-229.25	-326.93	17.48	4938.35	1752.70	1902.87	4788.18	675.16
		17	14.16	-270.31	-305.15	-270.48	-304.98	2.41	4292.56	358.82	1123.07	3528.31	1556.38
		536	14.55	-268.45	-299.01	-284.61	-282.85	15.25	4732.38	1550.08	3154.68	3127.78	1591.10
106	65	320	32.86	-259.60	-350.22	-343.02	-266.81	24.51	3670.64	-465.46	3490.90	-285.72	843.27
		329	33.75	6.39	-263.32	-157.68	-99.26	131.65	-1024.32	-4210.80	-2387.89	-2847.23	1576.60
		328	13.89	-155.74	-228.86	-222.66	-161.93	-20.36	-66.47	-1421.15	-1089.05	-398.58	582.75
		310	34.45	-125.87	-241.35	-230.03	-137.18	34.34	4814.81	1688.50	4770.89	1732.42	367.92
106	122	320	25.58	-138.97	-210.49	-176.13	-173.34	35.73	3248.26	-419.23	3100.99	-271.96	720.02
		329	25.82	50.95	-178.31	-59.40	-67.96	114.55	-483.99	-3116.39	-1373.69	-2226.69	1245.18
		328	9.20	-120.19	-133.44	-131.86	-121.77	4.29	106.58	-905.24	-406.55	-392.10	505.86
		310	27.56	-56.13	-165.63	-138.99	-82.76	46.98	4046.85	1197.46	4004.55	1239.76	344.57

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
106	154	320	25.80	-127.45	-204.79	-162.99	-169.25	38.55	3338.35	-433.00	3189.34	-283.99	734.67
		329	26.04	60.68	-174.79	-47.64	-66.47	117.36	-417.54	-3112.09	-1285.65	-2243.98	1259.19
		328	9.17	-116.03	-130.98	-125.84	-121.17	7.10	153.85	-886.21	-322.54	-409.81	518.20
		310	27.91	-49.87	-162.50	-132.50	-79.87	49.79	4133.17	1183.21	4089.08	1227.30	357.92
107	68	39	9.28	-127.70	-292.41	-138.50	-281.62	40.76	281.63	-243.65	-51.43	89.42	253.02
		41	13.18	-76.38	-330.12	-141.83	-264.67	111.01	444.52	-361.04	4.61	78.87	401.06
		151	14.02	-149.96	-245.21	-151.19	-243.98	10.76	-118.55	-1180.78	-119.61	-1179.72	-33.44
		19	13.67	-71.71	-396.62	-158.81	-309.52	143.92	-124.46	-308.42	-125.96	-306.92	16.55
107	119	39	11.07	-86.54	-252.95	-113.63	-225.86	61.44	-233.09	-625.58	-309.34	-549.33	155.29
		41	13.88	-52.64	-299.33	-121.84	-230.13	110.82	-27.39	-716.54	-249.33	-494.61	322.01
		151	14.28	-104.62	-226.25	-119.76	-211.11	40.16	-262.95	-1349.72	-263.00	-1349.66	7.98
		19	14.23	-31.50	-331.31	-121.11	-241.69	137.25	-281.54	-803.19	-282.59	-802.14	23.29
107	151	39	12.00	-84.59	-261.97	-116.17	-230.39	67.85	-304.61	-741.51	-365.62	-680.50	151.44
		41	14.83	-51.39	-311.64	-125.05	-237.97	117.24	-93.81	-820.11	-302.79	-611.13	328.80
		151	15.24	-102.05	-237.12	-120.67	-218.49	46.57	-300.98	-1463.33	-301.19	-1463.12	15.65
		19	15.17	-27.00	-340.10	-121.34	-245.76	143.67	-322.74	-931.38	-323.80	-930.32	25.46
108	88	218	31.05	91.66	-815.06	-481.63	-241.77	-437.21	831.70	-966.62	813.62	-948.55	-179.38
		257	26.72	660.07	-156.85	651.87	-148.66	-81.40	-570.66	-1192.76	-834.28	-929.14	-307.42
		100	88.65	272.88	-2085.87	-1488.55	-324.44	-1025.73	14.52	-2334.74	-2173.84	-146.38	-593.38
		217	42.32	167.59	-872.82	-868.12	162.90	-69.75	1579.78	-110.08	1419.38	50.32	495.30
108	110	218	24.86	110.53	-629.51	-367.91	-151.07	-353.78	572.36	-780.16	560.84	-768.64	-124.28
		257	21.23	512.94	-133.77	501.02	-121.85	-86.99	-132.19	-694.70	-293.96	-532.92	-254.61
		100	68.33	233.93	-1620.44	-1135.68	-250.83	-814.82	189.51	-1547.31	-1411.54	53.73	-466.24
		217	31.94	171.20	-657.15	-650.86	164.90	-71.91	1290.67	168.07	1092.46	366.28	428.05
108	142	218	25.23	119.70	-630.68	-366.97	-144.00	-358.24	608.45	-710.41	598.63	-700.59	-113.41
		257	21.31	513.66	-135.10	500.50	-121.94	-91.45	-103.43	-655.32	-262.21	-496.53	-249.84
		100	68.48	238.53	-1622.97	-1133.89	-250.56	-819.29	224.44	-1526.15	-1389.79	88.08	-469.16
		217	32.01	179.47	-654.70	-647.65	172.41	-76.38	1327.91	222.17	1120.23	429.85	431.86
109	67	40	13.16	-133.14	-298.20	-133.16	-298.18	1.84	662.42	-323.41	-280.02	619.03	202.23
		54	10.99	-110.01	-286.72	-178.85	-217.88	86.17	931.54	205.67	383.99	753.21	312.48
		41	9.17	-107.94	-269.20	-144.31	-232.83	67.40	339.31	-199.36	-3.63	143.58	259.08
		39	12.33	-81.32	-351.23	-124.88	-307.67	99.29	324.28	-275.29	-47.49	96.48	291.01
109	111	40	9.42	-99.49	-261.92	-111.20	-250.21	42.03	293.69	-233.70	-221.27	281.26	80.00
		54	10.14	-60.22	-271.44	-144.04	-187.62	103.34	642.48	274.76	319.76	597.48	120.51
		41	8.72	-61.94	-259.86	-123.51	-198.29	91.62	161.88	-181.32	-123.51	104.07	128.45
		39	12.76	-45.02	-319.65	-107.33	-257.34	115.02	120.09	-443.93	-208.44	-115.40	278.15
109	143	40	9.51	-97.47	-273.25	-113.67	-257.05	50.84	255.86	-230.27	-220.08	245.67	69.64
		54	10.66	-55.20	-284.37	-146.28	-193.29	112.15	629.95	294.62	326.09	598.48	97.79
		41	9.17	-57.78	-273.06	-126.69	-204.15	100.43	150.06	-197.55	-150.88	103.39	118.51
		39	13.56	-41.83	-333.28	-110.74	-264.37	123.84	93.74	-496.11	-244.65	-157.72	291.70
110	56	62	13.91	-148.64	-307.61	-290.41	-165.85	-49.39	681.19	-614.91	-598.94	665.22	-142.98
		72	13.37	-96.02	-292.31	-200.53	-187.80	97.94	1419.81	7.91	79.46	1348.27	309.67
		54	10.97	-143.58	-269.14	-197.33	-215.38	62.13	1002.51	75.97	317.72	760.76	406.88
		40	12.44	-115.52	-276.27	-116.26	-275.53	10.88	674.52	-219.25	-189.03	644.30	161.54
110	120	62	12.80	-69.51	-214.41	-186.07	-97.85	-57.47	382.26	-910.65	-893.28	364.89	-148.84
		72	11.88	-65.50	-168.16	-122.63	-111.04	51.00	1229.92	-468.06	-354.77	1116.63	423.72
		54	9.98	-109.38	-163.65	-135.88	-137.15	27.13	1147.18	-147.40	224.07	775.72	585.58
		40	8.82	-73.18	-179.92	-73.79	-179.30	-8.06	497.00	-262.87	-190.75	424.88	222.70
110	152	62	13.22	-63.00	-212.09	-180.31	-94.78	-61.06	356.67	-997.12	-979.83	339.38	-152.05
		72	12.40	-64.04	-159.37	-116.62	-106.78	47.41	1261.99	-555.29	-431.14	1137.85	458.46
		54	10.51	-110.58	-157.65	-134.40	-133.84	23.54	1222.73	-183.46	226.88	812.39	639.24
		40	8.89	-71.27	-178.44	-72.55	-177.16	-11.65	499.78	-283.30	-198.67	415.16	243.12
111	36	38	25.07	124.70	-576.05	-224.24	-227.11	-350.37	-716.63	-1630.44	-972.50	-1374.57	410.31
		334	45.53	124.02	-487.79	-251.48	-112.30	297.88	4019.33	-885.76	211.95	2921.62	-2044.36
		72	19.55	-192.33	-295.37	-265.94	-221.77	-46.55	1518.77	-1240.23	-771.62	1050.16	1036.00
		62	20.77	38.96	-311.12	-168.98	-103.17	171.92	1460.52	-580.83	-279.44	1159.12	-724.16
111	119	38	16.88	56.17	-397.57	-187.14	-154.26	-226.27	-92.75	-921.16	-183.68	-830.23	258.97
		334	35.18	84.80	-367.12	-196.65	-85.67	219.04	3267.82	-354.49	688.42	2224.90	-1640.15
		72	13.14	-155.68	-221.59	-218.34	-158.93	-14.26	1268.55	-481.66	-220.03	1006.92	624.06
		62	15.54	23.39	-251.10	-145.27	-82.44	133.60	1138.56	-109.04	148.62	880.89	-505.05
111	151	38	16.82	52.44	-394.50	-186.37	-155.69	-222.94	4.59	-886.45	-73.55	-808.31	252.04
		334	35.84	88.31	-369.77	-195.59	-85.87	222.37	3363.75	-287.97	803.91	2271.86	-1671.84
		72	13.08	-157.93	-222.86	-220.96	-159.83	-10.93	1297.54	-392.65	-141.37	1046.26	601.31
		62	15.79	24.14	-256.99	-148.18	-84.67	136.93	1160.43	-45.45	221.94	893.04	-500.94
112	35	285	17.00	74.48	-437.29	72.94	-435.75	-28.02	176.34	-28.14	3.84	144.36	74.27
		39	18.47	-70.71	-534.77	-209.13	-396.35	212.31	299.62	-216.02	-51.51	135.11	240.34
		19	7.93	69.61	-161.93	-156.25	63.93	-35.81	-10.33	-226.25	-10.40	-226.18	3.87
		199	39.43	-69.99	-1190.85	-262.14	-998.69	422.44	220.04	22.94	27.05	215.93	28.15
112	123	285	18.28	33.80	-418.32	33.30	-417.82	15.05	-69.29	-600.00	-70.32	-598.97	23.38
		39	17.21	-15.21	-430.39	-145.24	-300.36	192.55	-51.93	-534.83	-99.05	-487.71	143.30
		19	8.25	19.81	-131.49	-128.74	17.06	20.21	-80.58	-755.73	-80.58	-755.73	-2.34
		199	34.25	-69.74	-971.79	-220.15	-821.37	336.24	-77.34	-551.62	-79.69	-549.28	33.25
112	155	285	20.00	30.16	-444.56	29.09	-443.49	22.52	-84.32	-743.88	-84.82	-743.38	18.16

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		39	18.05	-9.38	-439.91	-145.10	-304.19	200.03	-76.06	-643.77	-111.12	-608.71	136.66
		19	8.89	17.92	-135.64	-130.48	12.76	27.69	-96.04	-877.42	-96.05	-877.40	-3.24
		199	35.90	-73.59	-1000.09	-226.26	-847.43	343.71	-97.74	-696.45	-99.83	-694.36	35.33
113	36	247	14.09	-7.50	-355.33	-9.74	-353.09	-27.82	337.97	-44.83	-44.58	337.72	-9.80
		40	14.41	-97.01	-348.21	-97.71	-347.51	13.21	587.07	-202.13	-174.90	559.83	144.06
		39	12.92	-63.98	-390.91	-118.32	-336.57	121.71	312.57	-185.61	-54.36	181.33	219.45
		285	16.44	11.95	-450.02	8.04	-446.11	42.34	225.40	-19.89	1.63	203.88	69.39
113	95	247	11.54	-21.24	-314.04	-21.41	-313.86	7.14	193.01	-53.22	-49.34	189.13	30.65
		40	11.15	-62.36	-278.64	-69.71	-271.30	39.16	448.99	-195.01	-151.35	405.33	161.90
		39	11.40	-28.14	-322.64	-86.14	-264.64	117.12	260.36	-165.57	-33.48	128.26	197.01
		285	13.45	0.56	-391.68	-7.51	-383.62	55.66	134.93	-32.94	10.82	91.16	73.70
113	127	247	12.00	-23.61	-331.39	-24.12	-330.89	12.47	184.84	-58.88	-52.63	178.60	38.50
		40	11.32	-60.95	-285.95	-70.12	-276.78	44.49	450.64	-203.40	-154.23	401.48	172.45
		39	11.82	-25.34	-331.38	-86.58	-270.13	122.45	264.53	-171.83	-32.49	125.20	203.43
		285	13.93	-0.97	-409.96	-10.27	-400.65	60.98	131.61	-38.85	12.37	80.38	78.15
114	2	329	26.88	-138.21	-148.26	-140.28	-146.19	4.06	-87.04	-3623.03	-661.52	-3048.55	1304.36
		338	25.64	-60.01	-196.26	-123.52	-132.75	67.97	-1136.63	-3622.95	-1162.78	-3596.80	253.63
		337	14.25	-129.93	-159.16	-155.61	-133.48	9.54	-832.65	-1727.51	-895.66	-1664.50	228.94
		328	9.88	-116.91	-202.93	-201.20	-118.64	12.09	-129.85	-764.20	-518.51	-375.54	309.01
114	112	329	23.43	-78.36	-139.56	-96.56	-121.36	27.97	226.14	-2897.33	-722.37	-1948.82	1436.30
		338	18.36	-3.85	-165.48	-70.90	-98.42	79.64	-870.85	-2353.36	-1016.66	-2207.55	441.48
		337	17.23	-65.83	-128.76	-96.21	-98.38	31.45	-1459.77	-2343.03	-1606.00	-2196.80	328.29
		328	14.40	-82.20	-152.68	-132.49	-102.39	31.86	-26.61	-1596.61	-857.65	-765.57	783.64
114	144	329	23.95	-73.13	-142.22	-92.71	-122.64	31.14	202.28	-2961.29	-765.40	-1993.61	1457.70
		338	19.00	2.10	-166.40	-66.59	-97.72	82.80	-911.91	-2451.61	-1065.34	-2298.18	461.19
		337	17.74	-59.44	-128.97	-90.96	-97.44	34.61	-1514.32	-2432.80	-1658.99	-2288.13	334.59
		328	14.74	-78.50	-152.61	-127.65	-103.47	35.03	-64.33	-1648.07	-901.36	-811.04	790.58
115	2	326	19.45	-140.88	-297.38	-283.11	-155.15	-45.06	1710.27	-45.66	1446.22	218.39	627.64
		220	74.63	-13.99	-275.35	-275.07	-14.27	8.63	-5129.24	-1.266e+04	-5129.41	-1.266e+04	-35.82
		120	34.14	-28.92	-329.80	-321.18	-37.54	50.19	565.91	-3867.31	-3038.49	-262.91	-1728.41
		325	31.95	-55.86	-181.46	-127.37	-109.96	62.19	-535.27	-4789.19	-597.70	-4726.75	-511.56
115	110	326	11.02	-112.18	-209.63	-207.19	-114.62	-15.24	720.75	-302.17	708.58	-290.00	110.89
		220	55.51	-1.54	-209.53	-208.36	-2.70	15.55	-3912.00	-9388.35	-3926.64	-9373.70	-282.86
		120	25.19	-0.33	-249.75	-236.39	-13.69	56.15	163.29	-3135.39	-2343.93	-628.17	-1408.68
		325	26.55	-16.84	-145.98	-86.02	-76.80	64.40	-615.73	-4141.34	-752.35	-4004.73	-680.42
115	142	326	10.76	-112.91	-209.55	-207.75	-114.71	-13.07	638.74	-409.46	630.77	-401.49	91.07
		220	56.11	0.61	-210.08	-208.58	-0.89	17.72	-3984.78	-9488.45	-4001.64	-9471.59	-304.14
		120	25.44	2.98	-248.24	-233.88	-11.37	58.32	84.33	-3234.07	-2422.85	-726.88	-1426.14
		325	27.13	-13.42	-146.77	-83.83	-76.36	66.57	-692.57	-4258.17	-833.87	-4116.86	-695.61
116	88	483	32.34	21.83	-147.58	21.54	-147.29	-7.00	-2221.58	-3282.84	-2243.33	-3261.09	150.37
		494	15.00	74.92	-80.60	73.32	-79.00	-15.70	1560.88	879.68	1440.40	1000.16	259.91
		486	19.07	102.42	-149.91	-79.06	31.56	-113.39	181.58	-1032.52	-102.96	-747.98	514.29
		363	23.79	-101.52	-149.46	-105.27	-145.71	12.87	2186.29	276.40	372.02	2090.67	416.51
116	110	483	24.63	17.33	-133.21	17.33	-133.20	0.74	-1649.58	-2418.44	-1680.32	-2387.71	150.62
		494	12.53	46.19	-119.05	45.19	-118.05	-12.83	1277.37	767.54	1166.19	878.72	210.53
		486	13.35	30.76	-135.94	-76.28	-28.91	-79.92	148.51	-769.86	-82.66	-538.69	398.57
		363	19.97	-85.52	-136.24	-87.96	-133.79	10.86	1781.15	206.20	282.72	1704.63	338.61
116	142	483	24.63	16.90	-139.16	16.88	-139.14	1.63	-1635.11	-2395.20	-1669.23	-2361.08	157.39
		494	13.08	43.84	-133.22	43.03	-132.41	-11.94	1291.36	781.59	1175.65	897.30	213.54
		486	13.07	19.20	-143.04	-80.21	-43.62	-79.03	152.54	-757.14	-82.67	-521.93	398.30
		363	20.40	-87.60	-142.73	-90.23	-140.10	11.75	1806.43	207.80	284.78	1729.44	342.27
117	67	9	3.72	20.12	-90.52	16.75	-87.14	19.03	492.72	156.96	299.45	350.23	-165.95
		305	5.97	84.66	-48.23	38.14	-1.71	-63.39	207.68	-908.99	-650.10	-51.21	-471.24
		304	4.12	39.56	-31.69	26.93	-19.06	-27.21	102.63	-927.79	-761.07	-64.09	-379.47
		82	2.85	33.67	-52.26	33.33	-51.92	-5.42	319.54	-192.66	110.46	16.43	-251.75
117	107	9	2.32	11.91	-62.65	8.78	-59.51	14.97	354.95	26.82	263.90	117.86	-146.92
		305	4.43	62.73	-31.97	24.29	6.48	-46.50	150.42	-649.07	-430.26	-68.39	-356.45
		304	3.00	27.05	-17.55	15.09	-5.59	-19.76	91.69	-621.41	-478.07	-51.65	-285.78
		82	2.18	22.73	-35.12	22.67	-35.05	-1.94	151.38	-230.23	43.76	-122.60	-171.72
117	139	9	2.28	11.50	-62.25	7.86	-58.61	15.97	346.40	-3.76	258.89	83.74	-151.60
		305	4.47	61.48	-30.97	23.39	7.13	-45.51	149.31	-667.59	-437.14	-81.13	-367.62
		304	3.03	25.83	-16.39	14.40	-4.96	-18.76	84.87	-642.50	-493.61	-64.02	-293.48
		82	2.17	22.11	-34.18	22.10	-34.16	-0.94	125.54	-259.30	22.23	-155.99	-170.54
118	87	237	1.78	21.87	-35.95	21.70	-35.78	-3.13	375.44	204.05	309.52	269.98	-83.38
		82	3.99	55.79	-64.67	9.92	-18.80	-58.49	461.87	31.09	199.39	293.57	-210.18
		239	2.33	25.00	-30.66	9.46	-15.12	-24.97	274.16	-82.21	232.69	-40.73	-114.28
		281	2.58	82.32	-9.04	82.20	-8.92	3.29	137.36	-139.20	51.55	-53.40	-127.94
118	114	237	2.05	19.26	-30.51	17.89	-29.14	-8.14	417.51	173.04	373.01	217.53	-94.33
		82	3.64	49.10	-58.93	4.78	-14.62	-53.14	371.94	-27.99	153.41	190.55	-199.10
		239	2.34	29.05	-31.66	7.97	-10.59	-28.90	239.01	-79.41	167.96	-8.36	-132.58
		281	2.16	49.88	-13.00	49.39	-12.51	-5.53	174.20	-89.94	119.05	-34.79	-107.36
118	146	237	2.19	19.46	-32.14	17.09	-29.77	-10.81	444.92	176.99	399.97	221.95	-100.12
		82	3.82	51.19	-61.87	3.66	-14.34	-55.81	395.19	-18.04	180.07	197.09	-206.44

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		239	2.49	29.97	-35.22	5.46	-10.71	-31.57	262.90	-75.93	189.90	-2.94	-139.30
		281	2.23	47.44	-14.87	46.34	-13.77	-8.20	192.39	-85.43	139.45	-32.49	-109.11
119	2	132	23.49	30.70	-447.05	-446.94	30.59	7.11	-1334.72	-1736.12	-1726.55	-1344.28	61.22
		379	5.20	-26.67	-149.58	-141.05	-35.21	31.25	286.13	-42.00	169.51	74.63	157.06
		142	11.19	-78.17	-273.39	-270.85	-80.71	-22.14	296.48	-727.03	-17.59	-412.96	472.03
		133	13.88	17.44	-196.45	-184.45	5.45	-49.22	947.21	-389.66	-362.30	919.86	-189.27
119	104	132	19.67	27.20	-354.48	-354.42	27.15	4.44	-1090.59	-1686.23	-1528.64	-1248.17	262.74
		379	6.73	-19.67	-110.55	-100.10	-30.12	29.00	432.67	-216.45	431.80	-215.57	-23.84
		142	7.30	-63.53	-199.95	-197.01	-66.47	-19.82	-30.72	-637.96	-208.34	-460.34	276.24
		133	11.53	12.97	-160.74	-149.49	1.72	-42.75	913.80	-242.90	-233.87	904.77	-101.81
119	136	132	19.70	25.82	-354.46	-354.46	25.82	0.67	-1048.63	-1682.02	-1529.27	-1201.38	270.96
		379	6.59	-21.93	-106.87	-98.57	-30.24	25.23	424.04	-224.55	423.17	-223.68	-23.73
		142	7.33	-62.65	-201.02	-196.88	-66.80	-23.59	-63.94	-637.73	-230.85	-470.81	260.60
		133	11.89	13.55	-162.96	-149.70	0.29	-46.52	957.90	-255.94	-246.49	948.45	-106.68
120	68	476	32.82	51.30	-102.61	50.67	-101.98	9.86	3241.25	761.81	768.15	3234.91	125.17
		495	33.56	24.75	-70.52	23.75	-69.52	9.69	3417.59	580.06	584.02	3413.63	-105.92
		483	27.35	-13.22	-92.92	-28.23	-77.92	31.16	-876.97	-2883.65	-877.56	-2883.07	-34.32
		471	26.54	-34.68	-94.71	-35.03	-94.36	4.58	-665.17	-2684.70	-670.37	-2679.49	102.38
120	109	476	24.69	36.72	-63.70	35.63	-62.62	10.37	2533.79	659.80	665.04	2528.56	98.89
		495	25.52	22.58	-40.98	20.06	-38.46	12.39	2685.17	527.28	531.92	2680.53	-99.96
		483	19.77	1.38	-65.59	-16.79	-47.42	29.78	-621.54	-2113.15	-622.37	-2112.32	-35.15
		471	19.24	-20.47	-60.32	-21.60	-59.19	6.60	-458.33	-1970.95	-462.85	-1966.43	82.59
120	141	476	24.71	36.60	-61.63	35.27	-60.30	11.34	2552.27	678.12	683.29	2547.10	98.31
		495	25.59	23.69	-39.21	20.71	-36.23	13.36	2706.63	545.78	550.71	2701.70	-103.07
		483	19.53	3.71	-64.42	-15.69	-45.03	30.74	-610.23	-2093.62	-611.18	-2092.68	-37.35
		471	19.03	-18.94	-58.23	-20.45	-56.72	7.57	-447.52	-1954.08	-452.19	-1949.42	83.73
121	88	495	32.62	32.05	-4.55	31.63	-4.13	-3.90	3892.82	2273.36	2339.23	3826.94	-319.90
		470	26.96	-168.89	-358.98	-180.42	-347.44	45.39	1118.90	-1072.94	-1026.06	1072.02	-317.12
		494	27.95	125.88	-74.35	119.94	-68.40	-33.99	1395.33	-1153.82	1124.52	-883.01	-785.49
		483	31.88	-20.09	-173.42	-49.88	-143.63	60.66	-1988.69	-3330.01	-2130.91	-3187.78	-412.97
121	110	495	25.08	23.12	-22.74	19.51	-19.13	12.36	2913.50	1796.22	1859.53	2850.20	-258.31
		470	20.83	-130.34	-294.31	-141.80	-282.85	41.80	817.89	-788.12	-742.68	772.46	-266.28
		494	21.77	92.85	-63.87	91.29	-62.31	-15.56	1092.95	-913.69	897.05	-717.79	-595.59
		483	25.45	-1.54	-149.07	-34.20	-116.41	61.25	-1552.02	-2647.73	-1639.44	-2560.31	-296.89
121	142	495	25.12	23.57	-27.80	18.41	-22.63	15.45	2898.24	1804.50	1869.61	2833.13	-258.80
		470	20.95	-130.30	-300.27	-143.13	-287.44	44.90	813.48	-777.30	-730.27	766.45	-269.45
		494	21.85	92.24	-67.63	91.27	-66.65	-12.46	1094.53	-918.67	901.27	-725.41	-593.06
		483	25.69	0.39	-154.15	-34.10	-119.66	64.35	-1554.45	-2662.15	-1637.55	-2579.05	-291.79
122	2	338	24.89	-110.00	-164.76	-134.74	-140.03	-27.25	-536.47	-3557.74	-694.93	-3399.28	673.53
		347	24.07	-69.10	-172.02	-111.41	-129.72	50.64	-1365.59	-3530.63	-1381.43	-3514.79	-184.52
		346	15.10	-131.51	-178.42	-166.68	-143.25	20.32	-683.15	-1852.44	-703.25	-1832.34	151.99
		337	14.44	-120.87	-153.69	-150.44	-124.12	9.81	-913.86	-1791.94	-998.97	-1706.83	259.79
122	116	338	16.57	-97.01	-113.72	-98.37	-112.37	4.56	-430.16	-2245.13	-630.13	-2045.16	568.29
		347	16.20	-19.08	-149.36	-74.35	-94.09	64.39	-1046.60	-2401.41	-1115.14	-2332.88	-296.91
		346	15.34	-70.08	-145.98	-113.65	-102.40	37.53	-941.92	-2153.95	-962.00	-2133.86	-154.74
		337	17.31	-66.68	-130.28	-103.63	-93.33	31.38	-1490.45	-2365.86	-1610.84	-2245.47	301.49
122	148	338	17.16	-93.89	-115.65	-96.99	-112.55	7.61	-466.11	-2332.57	-665.22	-2133.46	576.18
		347	16.69	-14.99	-151.41	-72.88	-93.52	67.43	-1086.19	-2485.06	-1150.19	-2421.05	-292.31
		346	15.83	-65.45	-147.14	-111.03	-101.56	40.57	-985.31	-2241.68	-1003.62	-2223.37	-150.56
		337	17.83	-62.37	-131.69	-101.09	-92.98	34.42	-1533.14	-2454.58	-1652.57	-2335.14	309.50
123	2	5	19.47	-344.09	-439.39	-355.64	-427.84	31.10	-619.51	-5692.17	-626.23	-5685.44	184.62
		216	14.98	-338.44	-418.62	-366.77	-390.30	38.33	238.81	-3742.64	56.90	-3560.73	831.37
		13	13.74	-320.02	-430.01	-376.48	-373.55	54.98	3526.10	1445.88	2010.26	2961.71	924.94
		11	18.33	-322.76	-470.37	-343.94	-449.20	51.74	5028.82	2226.84	2236.36	5019.30	163.06
123	124	5	13.75	-237.57	-305.21	-244.13	-298.65	20.02	-421.25	-4031.32	-437.29	-4015.29	240.04
		216	11.49	-256.51	-296.82	-265.73	-287.60	16.93	163.12	-3022.08	65.19	-2924.14	549.87
		13	10.08	-226.27	-301.09	-251.94	-275.42	35.52	2577.23	1149.34	1384.87	2341.69	529.95
		11	14.34	-217.90	-323.71	-231.53	-310.08	35.44	4293.73	1528.34	1528.45	4293.62	17.03
123	156	5	13.55	-237.32	-304.13	-243.34	-298.11	19.14	-398.03	-3943.06	-412.13	-3928.96	223.13
		216	11.48	-257.61	-297.88	-265.59	-289.90	16.05	158.54	-3006.33	74.80	-2922.58	507.96
		13	10.04	-227.12	-301.34	-250.93	-277.53	34.64	2513.84	1164.10	1344.21	2333.72	458.98
		11	14.50	-216.97	-322.28	-229.91	-309.34	34.57	4370.02	1504.78	1505.04	4369.76	-27.24
124	56	239	1.80	19.72	-5.85	8.11	5.76	12.73	-54.96	-366.62	-151.48	-270.09	-144.10
		253	1.79	27.69	-10.31	13.55	3.83	-18.36	-78.66	-450.52	-428.51	-100.67	-87.75
		258	4.32	2.22	-62.72	2.01	-62.52	-3.61	575.23	-257.47	-257.17	574.93	15.87
124	111	239	3.14	24.79	-16.15	12.72	-4.08	18.67	-50.56	-642.31	-498.31	-194.56	-253.92
		253	2.98	19.38	13.80	19.29	13.89	0.70	-4.04	-710.98	-644.24	-70.79	-206.71
		258	3.49	9.63	-33.82	7.95	-32.13	8.38	242.02	-539.04	-517.76	220.75	-127.13
124	143	239	3.59	28.48	-17.56	14.73	-3.81	21.07	-53.28	-736.51	-585.74	-204.05	-283.33
		253	3.44	22.46	13.00	21.31	14.16	3.10	-3.69	-808.26	-731.67	-80.27	-236.12
		258	3.88	12.58	-34.48	9.96	-31.86	10.79	240.25	-634.18	-605.20	211.26	-156.54
125	56	216	15.16	-328.65	-399.63	-331.46	-396.82	13.85	720.42	-4037.50	-421.93	-2895.16	-2032.30
		99	10.86	-295.99	-348.80	-332.64	-312.15	24.34	172.89	-2731.14	-192.07	-2366.17	-962.64

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		13	13.60	-279.63	-412.84	-279.82	-412.65	5.02	4051.05	851.55	3898.80	1003.80	681.13
125	113	216	11.42	-234.38	-335.07	-239.41	-330.04	21.93	1027.23	-2684.28	481.31	-2138.35	-1314.60
		99	8.57	-221.80	-284.59	-240.05	-266.35	28.50	700.91	-1916.84	585.95	-1801.88	-536.40
		13	10.99	-197.07	-341.54	-198.99	-339.62	16.54	3575.44	461.57	3466.61	570.39	571.86
125	145	216	11.63	-229.83	-340.79	-235.54	-335.07	24.53	1121.18	-2696.13	612.48	-2187.43	-1297.34
		99	8.83	-218.04	-289.51	-236.18	-271.37	31.10	818.10	-1951.94	717.12	-1850.96	-519.14
		13	11.16	-192.71	-347.05	-195.12	-344.65	19.13	3706.74	412.36	3597.79	521.31	589.12
126	2	70	59.81	243.56	-60.78	48.62	134.16	-146.04	2165.13	-1.294e+04	-1345.28	-9431.66	6380.40
		3	19.32	145.74	-111.79	120.60	-86.66	76.43	3278.24	-2379.19	-1227.42	2126.47	2278.05
		209	83.20	-210.52	-522.49	-474.69	-258.32	-112.37	-4216.23	-2.161e+04	-2.132e+04	-4508.20	2234.56
		206	84.82	132.20	-349.26	-347.21	130.15	-31.33	2.065e+04	-2348.49	8640.32	9664.88	1.149e+04
126	93	70	46.64	179.54	-60.06	29.42	90.05	-115.90	1477.81	-1.026e+04	-1128.33	-7651.13	4877.63
		3	15.05	121.48	-82.74	97.88	-59.14	65.28	2470.72	-1819.35	-907.36	1558.72	1755.22
		209	63.36	-161.15	-402.00	-362.02	-201.14	-89.62	-3180.45	-1.647e+04	-1.622e+04	-3432.44	1812.68
		206	65.22	94.19	-260.42	-258.99	92.76	-22.50	1.581e+04	-1970.99	6531.17	7310.46	8883.26
126	125	70	46.72	179.37	-58.72	30.13	90.52	-115.15	1485.59	-1.028e+04	-1131.96	-7662.16	4893.34
		3	15.15	122.49	-83.06	98.47	-59.05	66.03	2479.57	-1829.41	-906.51	1556.66	1767.77
		209	63.40	-162.07	-401.57	-362.09	-201.56	-88.87	-3179.20	-1.649e+04	-1.623e+04	-3435.60	1829.18
		206	65.29	94.47	-260.25	-258.91	93.13	-21.75	1.582e+04	-2002.97	6520.27	7297.48	8903.37
127	2	206	73.38	167.71	-370.62	-334.86	131.95	-134.05	1.758e+04	-222.14	8702.01	8660.13	8903.19
		209	91.29	-157.57	-507.26	-423.47	-241.36	149.26	-3908.95	-2.355e+04	-2.342e+04	-4041.71	1609.40
		210	117.98	-217.32	-503.97	-459.44	-261.84	-103.83	-6263.01	-3.159e+04	-3.158e+04	-6266.37	-291.38
		207	39.35	81.43	-429.60	-410.25	62.08	97.55	1.105e+04	7507.02	7981.39	1.057e+04	1206.38
127	122	206	56.53	133.76	-287.66	-254.47	100.58	-113.51	1.341e+04	-244.01	6601.82	6564.99	6827.39
		209	69.51	-125.81	-378.17	-324.01	-179.97	103.61	-2988.43	-1.794e+04	-1.785e+04	-3084.12	1192.37
		210	90.71	-158.36	-396.87	-355.62	-199.61	-90.21	-4798.94	-2.425e+04	-2.425e+04	-4802.73	-271.27
		207	29.85	64.09	-326.25	-314.48	52.31	66.76	8458.73	5611.69	5968.16	8102.25	942.24
127	154	206	56.58	135.88	-288.23	-254.44	102.09	-114.84	1.341e+04	-253.42	6593.70	6559.89	6830.19
		209	69.51	-126.25	-376.87	-323.97	-179.15	102.28	-2992.70	-1.795e+04	-1.785e+04	-3086.86	1182.88
		210	90.84	-156.79	-398.07	-356.01	-198.84	-91.54	-4805.95	-2.428e+04	-2.428e+04	-4809.98	-280.03
		207	29.77	65.01	-326.11	-314.84	53.74	65.43	8448.46	5579.52	5935.54	8092.45	945.86
128	2	207	41.23	99.81	-385.29	-385.26	99.78	-3.74	1.174e+04	8338.25	8340.81	1.174e+04	93.19
		210	119.53	-202.83	-565.72	-510.74	-257.81	130.11	-6451.63	-3.177e+04	-3.176e+04	-6462.07	-513.94
		211	74.98	-100.42	-235.47	-219.41	-116.48	-43.71	-2808.98	-1.998e+04	-1.957e+04	-3223.90	-2636.75
		208	60.27	81.34	-309.23	-230.28	2.39	156.85	1.141e+04	-5026.21	327.26	6055.90	-7702.45
128	122	207	31.24	77.73	-296.51	-296.27	77.49	-9.50	8952.57	6239.08	6240.61	8951.04	64.41
		210	91.87	-159.59	-430.40	-394.90	-195.10	91.40	-4949.72	-2.439e+04	-2.439e+04	-4957.29	-383.64
		211	57.64	-68.84	-187.65	-171.18	-85.31	-41.05	-2150.67	-1.531e+04	-1.499e+04	-2471.65	-2029.80
		208	45.97	61.40	-234.44	-178.29	5.25	116.01	8661.72	-3974.53	86.48	4600.71	-5901.20
128	154	207	31.14	78.51	-297.08	-296.79	78.21	-10.52	8934.69	6204.76	6206.20	8933.24	62.78
		210	92.00	-159.47	-429.92	-395.27	-194.12	90.39	-4957.39	-2.443e+04	-2.442e+04	-4964.83	-380.69
		211	57.73	-67.35	-188.58	-171.61	-84.32	-42.07	-2158.46	-1.533e+04	-1.501e+04	-2477.16	-2023.71
		208	45.90	61.09	-233.96	-178.84	5.97	115.00	8640.79	-3994.36	61.75	4584.67	-5898.94
129	2	208	79.69	122.00	-235.68	-173.08	59.40	135.91	1.612e+04	-6782.46	-891.77	1.023e+04	-1.001e+04
		211	67.34	-100.15	-416.50	-385.01	-131.64	94.72	-3687.49	-1.762e+04	-1.693e+04	-4382.61	-3033.85
		79	32.18	445.42	67.50	444.76	68.16	15.79	7062.14	-1533.84	1466.46	4061.84	-4097.40
		200	58.24	18.66	-122.22	1.33	-104.88	46.28	-4628.38	-1.703e+04	-1.285e+04	-8807.76	-5863.55
129	98	208	61.52	93.43	-180.00	-133.49	46.91	102.74	1.233e+04	-5442.01	-934.48	7818.78	-7731.32
		211	52.13	-79.77	-322.12	-300.13	-101.76	69.61	-2783.21	-1.360e+04	-1.305e+04	-3332.28	-2374.41
		79	24.98	338.56	52.28	338.25	52.60	9.50	5520.08	-1197.19	1135.22	3187.66	-3198.02
		200	45.49	12.04	-93.71	-2.49	-79.18	36.41	-3876.76	-1.339e+04	-1.030e+04	-6966.70	-4453.92
129	130	208	61.53	93.41	-180.31	-134.18	47.28	102.46	1.230e+04	-5481.71	-978.34	7801.48	-7734.28
		211	52.30	-79.88	-322.62	-300.87	-101.64	69.33	-2782.27	-1.364e+04	-1.309e+04	-3330.90	-2378.24
		79	25.02	337.45	52.46	337.15	52.76	9.23	5504.64	-1224.25	1092.12	3188.27	-3197.04
		200	45.56	10.98	-93.43	-3.54	-78.90	36.13	-3906.88	-1.342e+04	-1.034e+04	-6984.59	-4450.78
130	65	486	14.84	169.57	-92.53	-39.41	116.45	105.36	535.32	-106.77	-5.06	433.61	234.44
		485	13.17	-41.37	-235.53	-165.20	-111.70	93.32	577.64	9.34	112.73	474.25	-219.24
		453	16.82	256.99	-9.81	164.77	82.41	126.89	-273.40	-791.04	-661.46	-402.98	-224.25
		494	10.39	114.94	-121.91	60.81	-67.79	99.44	-195.86	-688.36	-638.95	-245.27	147.97
130	111	486	14.60	206.19	-81.78	-15.49	139.90	121.22	405.56	-85.76	0.33	319.47	186.78
		485	13.24	-7.26	-246.66	-127.90	-126.02	119.70	411.01	-8.02	71.89	331.09	-164.62
		453	15.17	208.90	-86.12	111.77	11.01	138.64	-222.82	-641.34	-538.19	-325.96	-180.36
		494	10.35	155.79	-88.81	60.59	6.38	119.26	-125.34	-526.27	-490.65	-160.96	114.07
130	143	486	15.46	226.52	-82.74	-10.96	154.74	130.56	410.00	-86.28	1.09	322.63	189.01
		485	13.91	-2.93	-261.12	-128.28	-135.77	129.04	407.10	-9.02	71.17	326.91	-164.13
		453	15.74	212.53	-102.62	109.10	0.81	147.98	-225.76	-647.85	-542.68	-330.93	-182.57
		494	10.97	172.13	-88.50	62.86	20.76	128.61	-123.80	-528.43	-493.64	-158.59	113.43
131	2	360	15.04	12.75	-239.64	-172.10	-54.79	-111.73	-373.40	-1396.47	-620.10	-1149.77	-437.65
		366	36.73	-8.09	-349.06	-261.50	-95.65	148.96	2532.52	-3185.81	-3003.03	2349.74	-1005.87
		20	17.08	-69.19	-159.66	-159.05	-69.81	-7.41	1759.55	-824.83	-673.05	1607.78	607.62
		364	23.98	-76.44	-258.81	-258.68	-76.57	4.80	1400.20	-1769.89	-1589.17	1219.49	-735.00
131	122	360	12.58	-5.47	-235.36	-196.64	-44.19	-86.03	-430.40	-1061.42	-617.92	-873.89	-288.39
		366	27.68	-18.82	-305.38	-249.69	-74.51	113.39	1609.46	-2534.19	-2258.03	1333.31	-1033.45

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		20	22.43	-51.67	-156.70	-156.40	-51.96	-5.53	2992.60	-264.44	-230.19	2958.36	332.21
		364	25.73	-55.39	-225.51	-225.51	-55.39	-7.53e-04	2680.82	-986.62	-815.28	2509.48	-773.96
131	154	360	13.28	-8.17	-246.85	-210.65	-44.37	-85.61	-474.77	-1122.66	-692.62	-904.82	-306.08
		366	28.46	-21.64	-317.28	-263.79	-75.13	113.81	1576.86	-2605.74	-2331.84	1302.96	-1034.70
		20	22.76	-51.34	-165.67	-165.44	-51.57	-5.11	2968.17	-318.16	-284.12	2934.13	332.73
		364	26.20	-54.57	-234.46	-234.46	-54.57	0.42	2660.96	-1047.26	-870.25	2483.96	-790.60
132	67	585	22.60	10.80	-128.41	-88.18	-29.43	-63.10	1806.78	-4007.55	-2200.11	-0.66	-2691.14
		559	16.70	6.91	-147.20	-108.65	-31.65	66.75	1345.45	-2614.83	-1413.99	144.61	1820.34
		558	68.08	-39.56	-124.93	-123.84	-40.65	9.59	-6258.66	-2.036e+04	-6289.51	-2.033e+04	-658.92
		584	68.59	-41.12	-119.43	-118.13	-42.42	10.02	-4676.98	-2.012e+04	-4701.95	-2.010e+04	-620.51
132	121	585	17.13	42.93	-60.01	1.41	-18.49	-50.50	1546.16	-3046.49	-1539.79	39.45	-2156.29
		559	11.02	28.64	-61.46	-13.16	-19.66	44.93	1014.09	-1785.14	-930.78	159.73	1289.04
		558	52.56	-32.29	-53.96	-53.22	-33.03	3.93	-4702.93	-1.562e+04	-4737.41	-1.559e+04	-612.67
		584	53.08	-33.84	-48.60	-47.91	-34.53	3.12	-3495.15	-1.544e+04	-3521.91	-1.542e+04	-564.82
132	153	585	17.11	54.19	-54.37	17.70	-17.88	-51.28	1577.81	-3037.74	-1506.85	46.93	-2173.08
		559	10.69	37.58	-53.45	3.15	-19.01	44.15	1010.94	-1739.32	-897.48	169.10	1267.51
		558	52.62	-32.68	-44.21	-43.28	-33.62	3.15	-4679.82	-1.562e+04	-4716.67	-1.558e+04	-633.87
		584	53.18	-33.83	-39.29	-37.97	-35.14	2.33	-3473.22	-1.544e+04	-3501.53	-1.541e+04	-581.36
133	67	584	70.13	-52.95	-126.94	-125.56	-54.32	-9.99	-4915.95	-2.053e+04	-4938.96	-2.051e+04	-598.88
		558	67.70	-51.04	-149.88	-137.82	-63.11	32.36	-5966.63	-2.008e+04	-5980.80	-2.006e+04	-446.87
		557	101.10	-68.37	-194.87	-186.43	-76.81	31.56	-7475.67	-2.972e+04	-7478.76	-2.972e+04	262.26
		583	102.85	-71.07	-185.30	-185.29	-71.09	1.22	-6359.27	-2.995e+04	-6369.47	-2.994e+04	-490.42
133	121	584	54.05	-31.27	-58.93	-52.91	-37.29	-11.42	-3683.78	-1.574e+04	-3709.74	-1.572e+04	-558.95
		558	52.08	-30.48	-75.76	-62.21	-44.02	20.73	-4487.71	-1.539e+04	-4506.42	-1.537e+04	-451.30
		557	77.64	-56.08	-136.23	-130.75	-61.55	20.21	-5700.33	-2.278e+04	-5700.81	-2.278e+04	91.11
		583	79.05	-57.32	-130.08	-129.96	-57.44	-2.99	-4838.42	-2.296e+04	-4851.09	-2.295e+04	-479.00
133	153	584	54.15	-27.11	-52.26	-42.71	-36.66	-12.20	-3662.58	-1.575e+04	-3690.25	-1.572e+04	-577.61
		558	52.15	-27.29	-68.11	-52.01	-43.39	19.95	-4466.27	-1.540e+04	-4486.75	-1.538e+04	-472.57
		557	77.69	-56.99	-133.19	-127.87	-62.31	19.43	-5690.87	-2.278e+04	-5691.16	-2.278e+04	69.51
		583	79.12	-58.02	-127.28	-127.08	-58.23	-3.77	-4827.96	-2.296e+04	-4841.64	-2.295e+04	-498.05
134	67	583	103.60	-86.73	-188.36	-188.28	-86.81	-2.80	-6426.60	-3.008e+04	-6428.39	-3.007e+04	-205.87
		557	101.34	-84.09	-204.71	-193.45	-95.35	35.09	-7435.92	-2.967e+04	-7435.95	-2.967e+04	27.43
		556	44.65	-102.83	-262.24	-252.32	-112.75	38.51	-3329.42	-1.278e+04	-3382.71	-1.272e+04	707.55
		582	44.81	-104.56	-246.13	-246.02	-104.67	3.89	-2469.50	-1.276e+04	-2476.62	-1.276e+04	-270.67
134	111	583	80.59	-62.62	-133.53	-133.34	-62.81	3.69	-4929.59	-2.338e+04	-4929.76	-2.338e+04	-55.60
		557	78.85	-55.87	-149.96	-137.05	-68.78	32.38	-5704.06	-2.308e+04	-5704.14	-2.308e+04	-37.87
		556	35.13	-78.96	-219.15	-209.78	-88.34	35.02	-2599.38	-1.006e+04	-2631.25	-1.003e+04	486.64
		582	35.24	-82.23	-205.97	-205.42	-82.78	8.23	-1933.10	-1.005e+04	-1934.68	-1.005e+04	-113.20
134	143	583	80.79	-62.03	-130.97	-130.63	-62.38	4.85	-4926.92	-2.343e+04	-4926.99	-2.343e+04	-35.14
		557	79.05	-54.20	-148.36	-134.33	-68.24	33.53	-5701.58	-2.313e+04	-5701.72	-2.313e+04	-49.52
		556	35.32	-79.22	-223.15	-213.40	-88.97	36.17	-2608.50	-1.012e+04	-2638.74	-1.009e+04	475.58
		582	35.42	-82.80	-209.75	-209.05	-83.49	9.38	-1940.92	-1.010e+04	-1941.99	-1.010e+04	-93.76
135	88	582	44.37	-119.70	-244.87	-244.73	-119.84	-4.27	-2362.98	-1.251e+04	-2365.68	-1.251e+04	165.55
		556	44.65	-114.91	-263.10	-249.08	-128.93	43.37	-3338.24	-1.270e+04	-3346.37	-1.269e+04	275.75
		128	138.86	-140.28	-305.38	-298.53	-147.13	32.93	4.002e+04	7992.32	7993.74	4.002e+04	213.39
		581	138.11	-134.24	-286.74	-282.92	-138.05	23.81	3.984e+04	7995.53	7996.89	3.984e+04	208.08
135	114	582	31.79	-92.19	-174.77	-173.48	-93.48	-10.25	-1695.15	-8913.27	-1695.99	-8912.42	78.23
		556	31.97	-92.86	-186.20	-177.82	-101.23	26.67	-2434.66	-9037.15	-2446.75	-9025.06	282.28
		128	109.45	-104.32	-193.33	-188.68	-108.97	19.81	3.150e+04	6296.88	6298.68	3.149e+04	212.84
		581	108.75	-99.07	-177.93	-176.18	-100.83	11.63	3.133e+04	6298.20	6298.87	3.133e+04	129.41
135	146	582	31.27	-91.85	-171.80	-170.03	-93.61	-11.74	-1667.43	-8755.03	-1668.08	-8754.38	67.80
		556	31.44	-93.70	-182.25	-174.39	-101.55	25.18	-2404.52	-8875.79	-2418.07	-8862.24	295.80
		128	110.06	-103.70	-183.02	-178.54	-108.18	18.32	3.166e+04	6331.88	6333.80	3.166e+04	220.76
		581	109.35	-98.43	-167.55	-166.03	-99.95	10.14	3.149e+04	6332.40	6333.00	3.149e+04	123.12
136	45	296	55.01	-87.27	-539.57	-490.71	-136.13	-140.41	-5764.12	-6753.99	-6747.97	-5770.14	76.94
		284	60.41	16.36	-568.09	-552.97	1.25	92.77	7860.47	2134.18	6954.13	3040.52	2090.10
		162	20.59	40.31	-76.19	-41.94	6.07	53.08	2306.23	-710.61	1259.77	335.84	1435.94
		400	46.50	-32.78	-158.40	-54.53	-136.65	47.53	4972.00	-2733.59	-276.18	2514.59	3591.23
136	124	296	40.89	-53.28	-427.59	-381.94	-98.93	-122.48	-4294.81	-4969.38	-4923.37	-4340.83	170.06
		284	48.16	10.92	-439.04	-432.15	4.03	55.25	6206.38	1611.01	5511.45	2305.94	1646.37
		162	15.52	17.75	-55.37	-45.01	7.39	25.50	1872.19	-570.13	1081.57	220.49	1142.74
		400	35.62	-42.70	-106.16	-50.79	-98.07	21.17	3975.10	-2030.14	-44.87	1989.83	2825.02
136	156	296	40.67	-50.55	-430.83	-383.58	-97.81	-125.45	-4267.77	-4934.70	-4877.36	-4325.10	186.96
		284	48.58	10.63	-440.59	-434.44	4.49	52.29	6248.81	1606.82	5552.98	2302.65	1657.06
		162	15.46	15.83	-55.39	-47.35	7.79	22.53	1896.18	-569.20	1111.97	215.01	1148.22
		400	35.60	-46.44	-103.56	-53.00	-97.00	18.20	4006.87	-2013.56	-9.97	2003.29	2836.92
137	85	400	30.31	-125.16	-209.66	-150.99	-183.83	38.93	2602.16	-2295.63	-887.21	1193.74	2216.87
		162	27.02	126.37	-37.65	33.57	55.15	-81.30	2788.71	-1012.51	1364.00	412.20	1840.07
		357	14.89	94.97	11.81	38.24	68.54	-38.72	15.68	-1987.79	-1814.43	-157.68	563.26
		298	26.13	82.97	-164.36	43.05	-124.43	-91.00	3357.80	924.51	1648.47	2633.84	1112.42
137	112	400	22.27	-121.00	-128.87	-121.09	-128.78	0.81	2017.18	-1731.50	-517.75	803.43	1754.07
		162	23.00	124.33	-59.69	16.41	48.23	-90.62	2310.01	-685.35	1208.20	416.45	1444.41
		357	12.45	99.29	-17.48	22.93	58.88	-55.55	154.75	-1459.68	-1265.90	-39.03	524.69

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		298	21.57	84.63	-141.03	28.37	-84.78	-97.62	2643.61	626.46	1357.50	1912.57	969.64
137	144	400	22.63	-118.40	-130.71	-122.81	-126.30	-5.90	2025.41	-1729.86	-487.98	783.53	1766.73
		162	23.53	130.96	-66.85	14.51	49.60	-97.34	2347.46	-666.30	1245.04	436.12	1451.58
		357	12.81	106.19	-24.21	21.63	60.35	-62.26	186.31	-1450.14	-1242.03	-21.80	545.21
		298	22.00	90.35	-145.29	27.26	-82.20	-104.34	2660.81	603.90	1374.39	1890.32	995.58
138	85	298	21.33	25.97	-150.56	11.67	-136.26	-48.17	2840.45	1038.06	1472.24	2406.27	770.75
		357	17.84	152.02	-62.41	32.67	56.94	-106.53	-43.80	-2021.75	-1783.20	-282.35	644.15
		384	11.87	103.38	-5.05	88.85	9.48	-36.94	-61.42	-1542.42	-1392.93	-210.90	-446.15
		297	20.69	105.33	-253.87	-19.49	-129.05	-171.05	2480.55	802.43	1329.38	1953.61	-778.85
138	110	298	17.84	48.95	-127.89	8.80	-87.73	-74.09	2216.80	625.97	1150.84	1691.93	747.99
		357	16.65	159.06	-77.32	23.52	58.23	-116.91	-8.50	-1668.04	-1346.63	-329.91	655.81
		384	8.42	111.98	-23.73	67.46	20.80	-63.72	-247.95	-1085.17	-1047.89	-285.22	-172.69
		297	15.92	121.42	-221.66	-16.26	-83.98	-168.17	1646.04	737.62	1035.73	1347.93	-426.54
138	142	298	18.32	57.02	-132.35	8.52	-83.85	-82.66	2231.49	585.67	1152.57	1664.58	782.07
		357	17.41	169.28	-84.59	23.19	61.49	-125.48	0.73	-1699.14	-1344.65	-353.77	690.60
		384	8.57	121.24	-29.70	67.44	24.10	-72.29	-284.30	-1069.42	-1044.94	-308.79	-136.46
		297	16.00	131.47	-227.74	-16.21	-80.06	-176.74	1595.35	763.71	1038.09	1320.97	-391.03
139	66	494	17.74	376.65	-89.25	356.38	-68.98	95.04	42.55	-185.25	13.58	-156.28	-75.89
		453	17.14	211.46	-144.04	20.93	46.49	177.29	-203.01	-1313.81	-1313.67	-203.15	12.61
		465	18.26	391.00	59.83	63.58	387.25	-35.04	-205.95	-1222.02	-1109.15	-318.81	319.28
		470	32.94	-314.45	-680.37	-593.13	-401.69	155.92	1106.05	195.66	990.52	311.19	-303.04
139	123	494	13.25	299.37	-53.12	272.59	-26.34	93.40	7.02	-136.57	-15.60	-113.94	-52.32
		453	14.36	187.06	-127.41	15.25	44.40	156.56	-151.92	-1025.14	-1025.14	-151.92	0.66
		465	14.61	295.63	36.13	36.16	295.60	-2.74	-155.81	-936.92	-848.20	-244.52	247.84
		470	25.62	-200.65	-530.77	-453.20	-278.22	139.97	810.13	117.41	710.31	217.23	-243.27
139	155	494	13.40	303.03	-50.93	273.07	-20.96	98.54	5.79	-136.67	-17.16	-113.72	-52.37
		453	14.65	192.42	-132.40	14.82	45.20	161.70	-151.42	-1026.53	-1026.53	-151.42	-0.14
		465	14.81	296.02	33.96	33.98	296.00	2.40	-156.66	-939.22	-851.31	-244.57	247.12
		470	25.82	-192.74	-534.92	-454.46	-273.19	145.11	807.44	116.00	707.16	216.28	-243.48
140	2	436	53.85	19.66	-595.18	-179.81	-395.71	-287.84	2139.55	399.47	406.49	2132.53	110.31
		447	39.10	15.67	-471.29	-137.40	-318.22	-226.07	1323.45	297.03	319.28	1301.20	149.48
		518	39.29	140.51	-517.51	-151.94	-225.06	-326.97	-11.21	-646.33	-221.49	-436.05	-298.89
		519	30.77	-3.76	-457.98	-118.61	-343.13	-197.43	-176.14	-651.95	-205.24	-622.86	-114.00
140	123	436	40.26	11.94	-468.19	-144.10	-312.15	-224.88	1513.13	259.88	264.70	1508.31	77.53
		447	29.73	15.93	-372.80	-111.06	-245.82	-182.31	936.71	203.24	223.93	916.02	121.43
		518	30.49	117.39	-409.91	-125.57	-166.95	-262.84	12.80	-439.52	-153.58	-273.15	-218.11
		519	22.62	-7.97	-353.53	-102.78	-258.72	-154.19	-118.00	-427.18	-137.52	-407.66	-75.19
140	155	436	40.39	14.17	-473.07	-145.35	-313.54	-228.64	1507.29	256.05	260.58	1502.76	75.18
		447	29.89	18.68	-376.85	-112.11	-246.06	-186.08	933.07	200.22	220.44	912.85	120.04
		518	30.82	120.79	-413.98	-126.15	-167.05	-266.60	11.88	-441.36	-153.87	-275.61	-218.29
		519	22.95	-5.52	-358.03	-103.58	-259.97	-157.95	-118.65	-432.31	-138.31	-412.65	-76.03
141	68	447	46.09	182.76	-634.07	-142.73	-308.58	-399.91	952.33	180.12	205.24	927.21	136.99
		249	13.60	177.40	-11.83	83.58	82.00	-94.61	50.65	-267.36	-100.50	-116.20	158.81
		214	46.58	200.27	-636.03	-289.35	-146.42	-412.00	869.83	132.66	826.13	176.36	174.08
		518	35.73	75.11	-441.29	-179.90	-186.29	-258.18	197.55	-660.05	-164.25	-298.24	-423.53
141	123	447	36.53	151.56	-498.39	-111.04	-235.80	-318.93	719.56	136.93	166.66	689.83	128.22
		249	11.56	146.01	-27.59	60.72	57.70	-86.78	39.61	-209.83	-86.35	-83.87	124.71
		214	36.27	163.49	-501.68	-223.46	-114.73	-328.11	606.31	71.26	570.23	107.34	134.18
		518	28.06	70.12	-350.07	-138.00	-141.95	-210.08	201.52	-452.38	-70.95	-179.91	-322.38
141	155	447	36.73	154.39	-501.75	-111.46	-235.89	-322.12	716.97	137.65	167.20	687.43	127.44
		249	11.78	148.47	-31.50	60.15	56.82	-89.97	38.83	-208.89	-85.53	-84.53	123.86
		214	36.51	166.21	-505.11	-223.41	-115.49	-331.29	606.60	70.86	570.77	106.69	133.83
		518	28.33	73.38	-353.18	-137.82	-141.97	-213.27	200.64	-453.69	-70.80	-182.25	-322.38
142	2	520	17.73	11.63	-245.63	11.08	-245.08	-11.96	18.79	-333.30	17.36	-331.87	-22.42
		521	22.42	-114.62	-400.20	-209.81	-305.01	134.62	-142.75	-406.40	-148.02	-401.13	36.88
		476	22.13	271.29	15.18	48.36	238.11	86.00	-95.63	-651.37	-118.31	-628.68	-109.97
		443	53.85	108.22	-943.07	6.75	-841.60	310.46	-63.80	-422.63	-80.63	-405.80	-75.86
142	113	520	10.66	-13.75	-193.14	-13.78	-193.11	2.27	36.52	-80.52	30.02	-74.02	-26.79
		521	15.13	-75.12	-308.25	-150.18	-233.18	108.93	-43.99	-129.11	-44.00	-129.09	-1.04
		476	11.88	157.11	-16.75	16.61	123.75	68.47	-49.60	-306.62	-50.33	-305.89	-13.65
		443	39.59	88.27	-667.20	7.90	-586.82	232.94	-50.53	-338.03	-50.90	-337.66	-10.32
142	145	520	10.61	-14.27	-195.55	-14.44	-195.38	5.57	41.85	-68.79	35.31	-62.24	-26.10
		521	15.24	-72.03	-311.14	-150.38	-232.79	112.23	-39.46	-121.37	-39.46	-121.37	-0.07
		476	11.99	159.95	-19.74	16.06	124.16	71.77	-44.41	-298.86	-45.20	-298.06	-14.19
		443	39.69	89.49	-671.27	7.24	-589.02	236.24	-44.59	-326.20	-45.02	-325.77	-11.05
143	2	522	18.99	-274.77	-339.26	-308.95	-305.08	-32.19	100.92	-456.72	55.19	-410.99	153.01
		520	18.50	29.30	-257.21	2.21	-230.12	83.83	-51.09	-383.60	-51.23	-383.46	6.74
		443	53.65	103.04	-897.67	1.72	-796.34	-301.88	-2.49	-401.67	-41.69	-362.46	-118.80
		523	15.61	344.83	113.53	117.26	341.10	29.13	-42.13	-229.62	-228.57	-43.18	14.01
143	99	522	13.74	-205.45	-257.89	-240.15	-223.19	-24.81	87.08	-317.55	30.09	-260.56	140.76
		520	11.38	-17.97	-187.55	-30.10	-175.41	43.71	-49.55	-182.85	-55.44	-176.96	27.41
		443	39.32	93.45	-632.10	16.08	-554.73	-223.94	-95.60	-403.39	-113.01	-385.98	-71.10
		523	11.45	246.52	91.04	93.92	243.64	20.96	-4.65	-180.96	-177.44	-8.17	24.65

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
143	131	522	13.71	-203.41	-261.24	-241.82	-222.83	-27.31	86.30	-316.15	25.96	-255.81	143.67
		520	11.39	-21.34	-188.17	-32.23	-177.27	41.22	-54.01	-186.95	-61.11	-179.85	29.90
		443	39.52	95.44	-634.97	16.76	-556.29	-226.44	-102.18	-407.14	-120.17	-389.15	-71.85
		523	11.52	246.61	92.59	94.83	244.36	18.46	-0.52	-186.29	-183.05	-3.75	24.31
144	65	251	29.80	-7.02	-532.69	-98.15	-441.56	199.00	261.57	16.83	20.12	258.29	-28.15
		522	20.68	-148.29	-295.85	-262.77	-181.37	61.54	191.76	-560.34	-158.73	-209.85	375.18
		523	12.35	182.63	-48.60	114.96	19.08	105.21	-27.46	-143.37	-91.18	-79.65	-57.67
		132	29.55	177.63	-408.56	-15.96	-214.97	275.68	243.11	-126.78	220.92	-104.59	87.85
144	101	251	23.95	18.96	-415.16	-60.73	-335.47	168.05	240.31	115.54	129.42	226.42	-39.24
		522	17.09	-92.47	-225.77	-180.38	-137.86	63.17	30.10	-511.02	-228.51	-252.41	270.30
		523	11.94	146.91	-59.59	79.02	8.31	97.01	36.86	-163.78	-111.55	-15.37	-88.04
		132	23.66	140.22	-333.72	-18.62	-174.87	223.72	185.92	-113.55	175.07	-102.70	55.96
144	133	251	24.28	24.98	-418.25	-56.69	-336.58	171.85	240.17	111.93	127.56	224.54	-41.96
		522	17.17	-87.36	-226.64	-176.12	-137.88	66.96	26.91	-506.28	-229.36	-250.00	266.39
		523	12.29	149.20	-64.39	77.66	7.15	100.80	38.44	-167.84	-116.06	-13.34	-89.45
		132	23.99	141.75	-339.76	-20.27	-177.75	227.52	180.44	-116.19	169.57	-105.31	55.75
145	86	91	63.65	-159.90	-633.72	-161.76	-631.86	29.65	2310.90	-147.66	-131.12	2294.36	-200.99
		463	53.69	18.68	-423.92	-216.28	-188.96	220.88	2981.34	1185.35	1241.23	2925.45	-311.84
		522	19.32	-200.86	-248.29	-248.21	-200.93	1.86	155.59	-808.77	135.35	-788.53	138.22
		251	48.05	-118.66	-607.13	-291.48	-434.31	233.56	-554.31	-1579.26	-737.48	-1396.09	392.67
145	122	91	47.49	-109.76	-458.64	-113.48	-454.92	35.82	1762.22	-98.84	-83.80	1747.19	-166.60
		463	41.88	31.73	-338.61	-158.78	-148.10	185.09	2261.39	881.75	931.62	2211.52	-257.52
		522	13.81	-142.57	-183.35	-172.00	-153.92	18.28	128.67	-516.29	114.95	-502.56	93.08
		251	36.63	-52.46	-455.90	-195.58	-312.79	193.02	-453.71	-1192.61	-606.13	-1040.19	298.98
145	154	91	47.33	-106.76	-453.45	-111.08	-449.14	38.43	1764.58	-98.94	-83.49	1749.13	-169.01
		463	42.16	34.86	-340.67	-157.55	-148.26	187.70	2272.33	882.58	933.66	2221.25	-261.48
		522	13.76	-138.99	-183.34	-168.61	-153.72	20.89	125.40	-507.99	111.34	-493.93	93.31
		251	36.62	-44.82	-452.81	-190.99	-306.63	195.63	-456.12	-1194.68	-611.31	-1039.48	300.89
146	86	463	44.86	-174.06	-365.54	-210.87	-328.73	75.46	2224.71	354.15	357.85	2221.01	-83.19
		468	47.84	-193.29	-346.86	-249.33	-290.82	73.93	2599.79	545.01	562.26	2582.54	-187.49
		520	15.49	-131.45	-273.66	-131.45	-273.66	-0.20	14.63	-316.61	-57.35	-244.63	136.60
		522	14.31	-116.37	-281.64	-208.62	-189.39	82.07	27.19	-324.21	25.83	-322.85	-21.82
146	120	463	34.46	-129.63	-287.64	-160.99	-256.28	63.02	1686.50	271.39	275.24	1682.65	-73.77
		468	36.33	-144.43	-268.71	-188.99	-224.15	59.60	1955.01	410.11	424.91	1940.21	-150.52
		520	10.03	-88.96	-204.72	-89.07	-204.61	3.53	87.53	-128.78	8.02	-49.27	104.29
		522	9.92	-79.26	-214.68	-148.23	-145.71	67.70	70.74	-138.98	66.12	-134.36	-30.77
146	152	463	34.63	-129.31	-287.98	-160.92	-256.37	63.37	1697.85	274.05	278.09	1693.81	-75.76
		468	36.47	-143.68	-268.50	-188.75	-223.44	59.95	1967.58	413.16	428.08	1952.67	-151.55
		520	9.84	-86.58	-203.61	-86.70	-203.48	3.89	96.22	-117.95	14.43	-36.17	104.05
		522	9.98	-77.68	-213.79	-146.02	-145.45	68.05	77.48	-127.70	72.29	-122.51	-32.21
147	2	246	96.42	-200.02	-320.24	-251.18	-269.07	59.44	1670.28	-2.374e+04	1087.63	-2.315e+04	3803.20
		183	62.00	-77.46	-446.09	-358.94	-164.61	156.62	-6793.98	-1.643e+04	-9776.56	-1.345e+04	4454.47
		179	77.32	78.79	-530.74	-514.68	62.73	97.62	-9974.72	-2.011e+04	-1.974e+04	-1.035e+04	1909.22
		100	93.73	-278.28	-774.88	-466.31	-586.85	240.88	2.322e+04	1.969e+04	2.255e+04	2.036e+04	1384.36
147	94	246	73.64	-155.84	-237.23	-186.42	-206.65	39.42	1340.17	-1.809e+04	897.14	-1.765e+04	2900.53
		183	46.92	-62.85	-321.11	-263.21	-120.75	107.72	-5105.60	-1.254e+04	-7403.06	-1.024e+04	3435.82
		179	58.04	60.19	-371.61	-361.60	50.19	64.95	-7505.73	-1.528e+04	-1.498e+04	-7812.96	1514.93
		100	72.05	-202.38	-562.56	-329.05	-435.89	171.99	1.801e+04	1.527e+04	1.754e+04	1.573e+04	1029.63
147	126	246	73.58	-157.43	-237.15	-185.96	-208.62	38.21	1356.08	-1.806e+04	913.52	-1.762e+04	2897.70
		183	46.84	-63.46	-319.31	-262.24	-120.53	106.51	-5082.95	-1.253e+04	-7388.50	-1.022e+04	3441.50
		179	57.87	60.47	-368.31	-358.62	50.78	63.75	-7474.78	-1.525e+04	-1.494e+04	-7784.98	1521.70
		100	72.17	-202.44	-561.54	-326.59	-437.40	170.79	1.804e+04	1.531e+04	1.758e+04	1.577e+04	1024.29
148	68	100	105.33	-45.34	-606.11	-260.33	-391.12	272.65	2.819e+04	1.904e+04	2.328e+04	2.395e+04	-4561.24
		179	80.53	-12.61	-683.05	-653.03	-42.63	138.65	-1.373e+04	-2.031e+04	-2.031e+04	-1.373e+04	-79.00
		170	32.10	182.65	-393.18	-284.11	73.58	-225.63	4239.91	-1867.89	-1257.47	3629.49	-1831.86
		257	92.28	-66.31	-1423.14	-1285.10	-204.35	410.17	1.200e+04	-6245.04	7871.46	-2119.60	-7631.30
148	123	100	81.29	-38.07	-491.61	-228.39	-301.29	223.82	2.160e+04	1.460e+04	1.778e+04	1.842e+04	-3483.66
		179	63.07	-0.14	-540.24	-512.03	-28.35	120.17	-1.064e+04	-1.592e+04	-1.591e+04	-1.064e+04	-122.84
		170	25.66	89.12	-351.63	-301.76	39.25	-139.62	3194.59	-1767.08	-1264.62	2692.12	-1496.86
		257	70.86	-65.34	-1138.97	-1033.70	-170.61	319.28	8938.39	-4903.20	5722.46	-1687.27	-5845.63
148	155	100	81.37	-38.71	-500.63	-235.16	-304.18	228.37	2.157e+04	1.457e+04	1.774e+04	1.841e+04	-3481.97
		179	63.37	1.92	-548.04	-518.13	-27.99	124.72	-1.065e+04	-1.597e+04	-1.596e+04	-1.066e+04	-136.33
		170	26.02	82.29	-366.02	-320.75	37.02	-135.07	3178.37	-1838.51	-1331.60	2671.46	-1511.99
		257	71.14	-69.47	-1159.94	-1053.36	-176.05	323.83	8885.63	-4927.08	5656.89	-1698.34	-5845.76
149	2	13	14.28	-332.42	-436.57	-436.38	-332.60	-4.38	3777.30	1435.69	1437.58	3775.42	-66.45
		99	11.06	-319.95	-370.21	-337.34	-352.82	-23.91	-577.13	-2487.44	-2209.13	-855.45	673.95
		163	13.70	-273.35	-465.44	-406.04	-332.75	-88.78	1014.05	-2357.88	-1465.51	121.68	-1487.51
		12	17.48	-241.39	-463.35	-459.75	-244.99	28.02	4627.07	2696.43	4230.12	3093.38	-780.25
149	101	13	11.41	-213.89	-305.89	-304.60	-215.18	10.82	3637.58	797.78	803.64	3631.72	-128.91
		99	8.62	-223.93	-305.51	-272.47	-256.98	-40.05	439.24	-2075.68	-1742.70	106.27	852.36
		163	7.75	-189.75	-291.64	-280.05	-201.34	-32.35	957.67	-1066.90	-745.05	635.82	-740.28
		12	13.68	-193.03	-330.12	-329.24	-193.90	10.90	3967.94	2383.76	3325.11	3026.59	-777.90
149	133	13	11.61	-214.07	-306.71	-305.57	-215.21	10.25	3744.52	760.18	767.48	3737.21	-147.46

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		99	8.75	-223.39	-306.50	-273.70	-256.19	-40.62	471.74	-2128.69	-1793.24	136.28	871.66
		163	7.74	-189.19	-294.24	-282.64	-200.79	-32.93	946.81	-1045.22	-739.88	641.46	-717.65
		12	13.83	-193.69	-332.50	-331.73	-194.46	10.32	4034.95	2417.94	3361.17	3091.73	-797.20
150	68	99	10.14	-316.03	-395.22	-387.68	-323.58	23.25	788.41	-1929.54	422.73	-1563.86	927.46
		6	61.91	-21.73	-621.08	-403.72	-239.09	288.15	-5359.39	-2.449e+04	-2.436e+04	-5497.36	1618.90
		166	63.28	-157.46	-474.92	-445.82	-186.56	-91.60	-5100.64	-2.558e+04	-2.524e+04	-5445.81	2636.40
		163	14.49	-127.09	-621.95	-440.70	-308.34	238.41	799.49	-1506.16	-1456.62	749.95	334.31
150	113	99	8.07	-223.91	-322.37	-310.76	-235.52	31.76	1013.93	-1456.61	581.33	-1024.02	938.93
		6	47.46	-3.30	-493.29	-325.08	-171.51	232.65	-4017.96	-1.852e+04	-1.840e+04	-4139.61	1322.77
		166	49.01	-110.26	-357.79	-342.90	-125.15	-58.86	-3868.96	-1.975e+04	-1.945e+04	-4172.33	2174.09
		163	12.32	-68.29	-483.12	-336.88	-214.53	198.19	630.45	-1356.37	-1238.35	512.43	469.63
150	153	99	8.11	-220.16	-322.80	-315.75	-227.21	25.97	898.18	-1584.42	456.82	-1143.07	949.17
		6	47.75	4.12	-482.93	-327.96	-150.85	226.85	-4097.45	-1.862e+04	-1.850e+04	-4224.41	1352.06
		166	49.10	-88.68	-358.52	-342.02	-105.18	-64.66	-3978.19	-1.980e+04	-1.948e+04	-4296.34	2221.00
		163	12.29	-68.81	-475.45	-337.90	-206.36	192.39	427.48	-1428.48	-1285.23	284.24	495.32
151	55	136	3.45	37.01	-88.82	-13.18	-38.63	-61.61	230.79	-24.41	195.68	10.71	-87.91
		137	3.18	41.30	-83.24	-12.75	-29.19	61.72	66.70	-73.24	1.00	-7.54	-69.84
		511	1.75	-9.58	-53.54	-14.99	-48.12	14.45	138.55	-132.45	129.71	-123.62	-48.13
		510	2.56	-16.18	-65.13	-32.24	-49.07	-22.98	21.09	-324.69	5.39	-308.99	-72.00
151	113	136	2.77	9.46	-60.03	-30.03	-20.54	-34.42	514.04	13.01	454.76	72.29	-161.82
		137	2.93	5.40	-52.06	-28.57	-18.09	28.25	387.90	-69.32	279.68	38.90	-194.34
		511	2.30	-17.54	-37.10	-26.51	-28.13	9.74	375.48	-172.07	320.75	-117.33	-164.24
		510	2.44	-9.02	-53.88	-37.24	-25.66	-21.67	207.02	-334.08	170.54	-297.60	-135.67
151	145	136	2.95	7.36	-64.28	-36.06	-20.86	-35.00	593.16	18.58	527.71	84.03	-182.55
		137	3.31	2.33	-55.34	-34.61	-18.40	27.67	473.55	-72.58	352.22	48.75	-227.02
		511	2.65	-20.21	-38.70	-30.70	-28.21	9.16	446.57	-180.60	376.63	-110.67	-197.41
		510	2.57	-9.90	-57.13	-41.43	-25.61	-22.25	270.76	-333.16	226.82	-289.22	-156.87
152	85	137	2.27	11.40	-56.14	1.06	-45.81	-24.32	87.56	-187.91	-66.58	-33.77	136.76
		138	3.24	23.93	-28.71	1.78	-6.56	25.98	754.54	86.21	739.97	100.78	97.60
		512	3.63	14.42	-2.28	11.84	0.30	6.04	913.45	100.84	839.45	174.84	233.79
		511	2.09	11.16	-40.92	10.69	-40.44	-4.95	-32.76	-356.00	-113.88	-274.89	140.14
152	118	137	2.39	11.30	-42.05	7.16	-37.92	-14.27	547.84	7.07	467.90	87.01	191.93
		138	2.95	20.73	-20.37	8.44	-8.08	18.81	637.52	63.11	596.80	103.83	147.42
		512	3.25	21.89	1.02	21.56	1.34	2.58	732.84	4.47	656.85	80.46	222.65
		511	2.51	13.05	-34.85	12.87	-34.67	-2.90	388.21	-137.08	316.27	-65.15	180.59
152	150	137	2.78	13.73	-42.38	9.90	-38.56	-14.15	648.42	14.01	552.57	109.85	227.20
		138	3.33	22.63	-20.15	11.18	-8.71	18.94	723.70	65.51	678.31	110.90	166.77
		512	3.57	24.51	0.40	24.21	0.70	2.70	800.65	4.06	720.64	84.08	239.45
		511	2.82	15.66	-35.48	15.51	-35.33	-2.78	471.22	-133.84	383.22	-45.84	213.31
153	35	139	3.74	22.55	-6.12	0.48	15.96	-12.06	556.80	470.48	554.72	472.56	13.26
		149	5.80	3.26	-74.43	-3.56	-67.62	21.98	261.33	-484.10	-88.18	-134.59	-371.99
		145	4.21	8.65	-30.86	8.64	-30.85	-0.42	528.00	-108.60	211.67	207.74	-318.29
		144	3.01	-1.61	-19.97	-2.54	-19.04	-4.02	-111.76	-449.77	-356.03	-205.50	-151.32
153	110	139	3.75	16.99	-7.30	-5.69	15.38	-6.05	625.61	397.69	621.78	401.52	-29.30
		149	4.67	-4.48	-38.64	-6.45	-36.66	7.96	416.52	-321.06	151.63	-56.17	-353.85
		145	4.02	0.87	-15.26	0.86	-15.26	-0.29	547.21	-85.83	269.59	191.78	-314.12
		144	2.39	2.61	-11.91	-5.36	-3.94	-7.23	33.57	-273.10	-124.75	-114.78	-153.25
153	142	139	4.01	17.60	-8.33	-6.75	16.02	-6.21	665.05	404.62	659.75	409.92	-36.79
		149	4.91	-5.64	-38.51	-7.61	-36.54	7.81	459.86	-317.91	189.60	-47.66	-370.35
		145	4.23	0.10	-15.08	0.09	-15.06	-0.45	576.07	-91.43	288.18	196.47	-330.59
		144	2.44	2.88	-12.16	-6.03	-3.24	-7.39	52.43	-268.93	-106.18	-110.31	-160.67
154	67	144	3.51	12.81	-24.76	5.34	-17.30	-14.99	9.66	-478.87	-428.27	-40.94	-148.86
		145	4.49	0.26	-53.66	0.03	-53.43	3.48	434.69	-223.40	127.43	83.86	-328.32
		152	4.00	0.96	-59.27	-1.61	-56.71	12.15	475.70	372.00	453.29	394.42	42.68
		150	5.07	11.52	-34.78	6.95	-30.20	-13.81	-339.52	-828.18	-806.80	-360.90	-99.95
154	116	144	1.82	4.97	-1.33	0.64	3.00	-2.92	133.42	-151.10	-53.68	36.00	-135.00
		145	4.49	-1.96	-33.74	-3.74	-31.97	7.30	445.46	-234.65	159.53	51.29	-335.72
		152	3.18	4.42	-38.60	-1.72	-32.46	15.05	379.64	165.23	307.20	237.68	-101.41
		150	3.06	7.01	-5.69	5.86	-4.54	-3.65	-127.25	-500.60	-428.89	-198.95	-147.07
154	148	144	1.88	5.05	-0.57	0.25	4.22	-1.99	151.81	-149.43	-38.59	40.98	-145.27
		145	4.74	-2.05	-34.15	-4.32	-31.87	8.23	471.93	-242.50	174.42	55.01	-352.19
		152	3.35	5.06	-39.10	-1.79	-32.26	15.98	398.58	151.39	310.80	239.17	-118.29
		150	3.13	6.75	-3.95	6.01	-3.20	-2.72	-115.07	-506.03	-425.01	-196.09	-158.47
155	67	150	5.01	5.76	-50.80	3.43	-48.46	-11.25	-461.33	-665.94	-586.98	-540.29	-99.61
		152	5.23	-4.39	-63.81	-6.34	-61.86	10.60	664.49	274.47	373.16	565.80	169.56
		241	8.63	-4.74	-95.44	-15.11	-85.07	28.86	989.97	-82.69	28.72	878.55	327.26
		164	9.17	1.54	-51.05	0.11	-49.63	-8.54	1101.19	-89.67	160.97	850.54	485.45
155	105	150	2.63	12.93	-26.03	3.07	-16.16	-16.94	-267.75	-324.99	-289.34	-303.41	-27.74
		152	3.55	-5.53	-38.98	-5.69	-38.82	-2.35	438.82	218.50	276.24	381.09	96.88
		241	5.99	-5.93	-56.50	-10.23	-52.20	14.10	709.74	-20.18	38.26	651.30	198.10
		164	6.79	9.99	-32.51	0.87	-23.39	-17.45	806.92	-41.20	124.73	641.00	336.45
155	137	150	2.55	15.03	-27.37	2.85	-15.19	-19.18	-264.76	-304.20	-280.01	-288.96	-19.20
		152	3.64	-5.27	-38.71	-5.91	-38.07	-4.60	451.44	218.91	283.75	386.60	104.27

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		241	6.03	-6.93	-54.54	-10.09	-51.38	11.86	715.01	-18.18	40.99	655.84	199.71
		164	6.96	12.23	-33.56	1.01	-22.35	-19.69	822.93	-39.01	129.36	654.56	341.73
156	47	164	8.42	14.40	-47.71	11.78	-45.09	-12.48	864.30	-204.41	-168.32	828.21	193.05
		241	8.70	-0.48	-119.30	-15.76	-104.02	39.77	936.80	125.66	170.65	891.81	185.67
		370	19.07	6.71	-185.98	-79.19	-100.08	95.77	2096.38	-379.20	160.24	1556.94	1021.98
		61	8.95	-8.50	-138.39	-10.49	-136.40	15.96	550.13	-545.91	104.56	-100.34	538.36
156	116	164	6.93	2.78	-50.02	2.76	-50.00	-1.01	696.17	-160.75	-143.85	679.27	119.15
		241	7.05	4.71	-78.39	-10.27	-63.41	31.94	853.99	94.33	128.68	819.64	157.85
		370	15.63	24.82	-129.09	-42.27	-62.00	76.32	1777.50	-230.24	227.81	1319.45	842.52
		61	7.32	4.09	-107.11	2.13	-105.15	14.63	475.34	-392.44	153.03	-70.13	419.30
156	148	164	7.07	1.72	-53.65	1.71	-53.64	0.57	701.75	-164.30	-149.18	686.63	113.42
		241	7.21	6.20	-78.56	-10.26	-62.10	33.52	884.30	93.17	127.92	849.55	162.12
		370	15.92	28.62	-128.53	-39.71	-60.20	77.90	1819.03	-216.24	249.07	1353.73	854.70
		61	7.50	5.87	-110.46	3.56	-108.15	16.20	491.93	-381.77	169.41	-59.25	421.62
157	2	468	51.13	-172.54	-335.56	-288.40	-219.70	-73.92	3219.14	753.19	777.53	3194.79	-243.79
		474	52.73	-179.83	-526.97	-404.74	-302.07	165.80	3030.13	562.04	587.14	3005.04	247.61
		521	17.87	-71.99	-228.13	-73.77	-226.35	16.57	-21.19	-642.89	-128.03	-536.06	-234.53
		520	28.06	-66.42	-388.92	-124.45	-330.90	123.88	110.39	-646.08	57.91	-593.60	192.21
157	124	468	38.76	-129.68	-242.67	-207.86	-164.49	-52.17	2448.04	569.78	591.86	2425.97	-202.41
		474	39.38	-122.85	-388.91	-285.90	-225.85	129.60	2256.29	420.13	439.50	2236.91	187.61
		521	12.09	-53.93	-180.67	-54.58	-180.03	9.03	88.37	-373.59	-55.62	-229.60	-213.97
		520	18.70	-48.37	-280.74	-94.01	-235.10	92.32	97.75	-347.80	49.09	-299.14	138.96
157	156	468	38.89	-129.03	-240.44	-206.07	-163.41	-51.46	2460.58	572.01	593.91	2438.67	-202.20
		474	39.52	-121.02	-388.26	-284.18	-225.09	130.31	2267.71	422.26	441.35	2248.61	186.76
		521	11.90	-52.72	-180.15	-53.47	-179.40	9.75	92.56	-367.10	-56.28	-218.27	-215.09
		520	18.57	-46.65	-280.28	-92.83	-234.11	93.04	98.93	-336.49	49.24	-286.80	138.44
158	2	474	45.47	-309.33	-328.86	-311.96	-326.23	-6.66	2386.89	356.75	366.09	2377.55	137.39
		461	46.03	-198.87	-354.82	-216.15	-337.55	-48.94	2357.65	562.22	562.78	2357.09	31.78
		524	20.81	10.87	-353.72	-173.16	-169.69	-182.29	-161.83	-516.40	-163.96	-514.28	27.37
		521	11.60	-86.83	-243.88	-144.94	-185.77	75.83	61.75	-222.33	20.46	-181.04	-100.12
158	104	474	33.73	-222.50	-260.81	-232.82	-250.48	-17.00	1735.21	260.79	266.82	1729.17	94.12
		461	33.78	-152.95	-273.64	-164.84	-261.75	-35.96	1681.81	392.50	393.27	1681.04	31.44
		524	14.31	-10.18	-273.85	-134.56	-149.47	-131.62	-51.28	-210.81	-55.12	-206.97	24.45
		521	10.00	-87.29	-182.03	-114.15	-155.16	42.70	161.14	-42.67	72.69	45.78	-101.02
158	136	474	33.87	-221.40	-262.74	-233.79	-250.35	-18.94	1745.25	263.35	269.21	1739.40	92.93
		461	33.90	-152.62	-274.78	-165.81	-261.60	-37.91	1690.66	393.10	393.84	1689.92	31.07
		524	14.39	-8.72	-276.20	-135.60	-149.32	-133.56	-48.12	-201.53	-51.80	-197.85	23.48
		521	10.03	-89.76	-180.49	-115.20	-155.05	40.76	169.30	-36.82	76.23	56.24	-102.58
159	2	461	50.46	-97.50	-505.20	-244.35	-358.34	-195.72	2397.26	432.38	432.52	2397.12	16.62
		436	46.97	-77.85	-457.42	-180.20	-355.07	-168.44	2111.05	489.93	499.78	2101.21	125.95
		519	36.15	78.56	-542.79	-118.61	-345.61	-289.20	-31.56	-556.09	-62.96	-524.68	-124.45
		524	19.75	-8.10	-316.60	-131.71	-192.99	-151.18	-120.02	-471.19	-120.55	-470.66	-13.56
159	107	461	37.18	-75.89	-390.81	-186.70	-280.01	-150.39	1698.83	306.15	306.30	1698.68	14.34
		436	35.12	-68.64	-354.37	-144.81	-278.19	-126.34	1536.16	363.35	372.61	1526.90	103.78
		519	25.90	47.13	-408.37	-103.37	-257.87	-214.25	-19.92	-326.62	-49.77	-296.77	-90.90
		524	13.44	-24.97	-248.86	-106.56	-167.27	-107.75	-42.16	-209.38	-43.00	-208.54	11.82
159	139	461	37.32	-74.45	-394.17	-187.98	-280.65	-153.00	1702.34	307.56	307.69	1702.20	13.73
		436	35.25	-67.50	-357.62	-146.12	-278.99	-128.95	1538.55	364.65	373.71	1529.49	102.73
		519	26.10	48.72	-411.60	-104.34	-258.54	-216.86	-18.55	-325.23	-49.42	-294.35	-92.28
		524	13.59	-23.23	-252.04	-107.50	-167.77	-110.36	-41.74	-205.92	-42.47	-205.19	10.91
160	2	521	13.98	-108.43	-237.50	-162.33	-183.60	63.66	-23.94	-394.88	-25.49	-393.32	-23.99
		524	19.25	-0.13	-313.39	-169.33	-144.18	-156.13	-77.13	-386.49	-94.48	-369.14	-71.18
		495	12.89	72.07	-78.72	38.54	-45.19	-62.70	-183.66	-647.32	-183.83	-647.14	-8.98
		476	13.13	66.85	-36.51	66.43	-36.09	-6.57	-70.41	-667.11	-73.42	-664.10	-42.29
160	123	521	9.22	-116.46	-163.67	-127.78	-152.35	20.15	32.34	-218.72	12.01	-198.38	-68.50
		524	13.66	-18.75	-253.96	-135.32	-137.39	-117.60	-31.89	-191.92	-32.71	-191.10	-11.42
		495	9.61	37.65	-108.96	3.07	-74.38	-62.24	-46.31	-235.97	-78.37	-203.90	-71.09
		476	7.28	32.81	-57.41	30.84	-55.44	-13.18	1.84	-253.06	-6.39	-244.83	45.05
160	155	521	9.23	-120.54	-160.57	-129.41	-151.69	16.63	28.97	-220.13	8.31	-199.48	-68.70
		524	13.94	-16.57	-258.83	-137.25	-138.15	-121.13	-36.11	-193.09	-36.90	-192.30	-11.07
		495	9.85	39.60	-112.74	1.84	-74.98	-65.77	-48.89	-237.37	-81.49	-204.77	-71.29
		476	7.20	33.11	-57.78	29.92	-54.59	-16.71	-0.93	-253.52	-8.85	-245.59	44.03
161	2	524	27.77	-11.17	-473.52	-230.35	-254.34	-230.86	-230.04	-537.90	-232.21	-535.73	-25.72
		519	29.58	99.23	-417.79	-32.72	-285.85	-225.41	37.44	-422.88	14.29	-399.73	-100.60
		470	45.74	14.17	-895.84	-188.26	-693.41	-378.46	-168.90	-378.40	-314.25	-233.06	96.57
		495	21.64	294.53	-4.93	48.23	241.38	-114.42	107.65	-472.21	105.35	-469.90	36.47
161	123	524	20.13	-10.07	-364.20	-166.34	-207.93	-175.84	-128.02	-297.69	-128.02	-297.69	0.50
		519	21.00	58.75	-335.86	-47.89	-229.22	-175.24	10.85	-190.15	-1.27	-178.04	-47.85
		470	33.42	8.16	-639.21	-150.08	-480.96	-278.21	-199.15	-251.26	-231.62	-218.80	25.26
		495	11.00	165.60	-26.20	18.30	121.09	-80.96	114.12	-166.86	112.18	-164.92	-23.25
161	155	524	20.44	-5.89	-368.92	-166.44	-208.36	-180.30	-128.50	-298.24	-128.50	-298.24	0.16
		519	21.35	61.33	-342.11	-48.75	-232.03	-179.70	11.00	-187.15	-1.26	-174.89	-47.74
		470	33.71	11.24	-645.09	-150.22	-483.63	-282.67	-194.75	-250.86	-230.16	-215.46	27.08

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		495	11.25	169.51	-29.76	18.60	121.14	-85.43	114.19	-167.16	112.44	-165.40	-22.14
162	2	519	34.17	179.74	-457.39	-11.10	-266.55	-291.84	-202.71	-530.22	-286.13	-446.79	-142.70
		518	30.66	-78.81	-533.27	-300.39	-311.69	-227.16	-108.04	-484.55	-162.79	-429.80	-132.72
		525	25.95	313.22	-275.06	-262.26	300.42	-85.83	164.75	141.53	141.63	164.65	1.56
		470	38.23	-174.14	-802.89	-204.77	-772.26	135.36	-200.03	-343.33	-342.96	-200.39	-7.21
162	96	519	23.60	103.57	-335.55	-32.09	-199.89	-202.90	-93.39	-320.56	-195.07	-218.87	-112.96
		518	23.13	-57.07	-400.86	-232.95	-224.98	-171.85	-49.65	-347.54	-108.50	-288.69	-118.61
		525	19.72	223.48	-227.64	-216.85	212.69	-68.94	125.94	99.87	120.54	105.27	-10.56
		470	27.83	-148.50	-556.51	-172.31	-532.71	95.64	-267.53	-326.63	-317.81	-276.35	-21.05
162	128	519	23.65	102.76	-335.99	-32.96	-200.27	-202.80	-94.32	-323.65	-195.06	-222.91	-113.82
		518	23.16	-57.51	-401.11	-233.69	-224.93	-171.75	-48.69	-349.85	-108.16	-290.38	-119.89
		525	19.83	223.28	-229.82	-219.11	212.57	-68.83	125.12	97.94	119.82	103.24	-10.77
		470	27.91	-150.69	-557.33	-174.64	-533.38	95.74	-271.74	-327.99	-319.05	-280.68	-20.56
163	2	518	40.55	106.27	-585.65	-270.33	-209.06	-344.60	-129.92	-633.49	-378.51	-384.90	-251.77
		214	34.63	89.75	-373.26	-164.60	-118.91	-230.38	1341.30	405.61	1300.43	446.48	191.23
		332	54.96	-48.45	-832.30	-561.08	-319.67	-372.88	1465.70	199.54	1464.53	200.71	38.39
		525	26.49	176.22	-389.76	-300.15	86.61	-206.61	200.74	-204.66	-123.40	119.47	162.30
163	119	518	31.81	99.10	-458.45	-206.20	-153.15	-277.51	-30.90	-426.88	-240.50	-217.29	-197.65
		214	26.99	73.15	-305.64	-129.89	-102.60	-188.91	979.83	290.21	947.08	322.96	146.67
		332	42.81	-29.72	-656.24	-435.51	-250.46	-299.28	1123.23	174.20	1122.88	174.56	18.37
		525	21.04	140.34	-316.32	-239.40	63.42	-170.90	132.55	-122.82	-76.17	85.90	98.67
163	151	518	32.09	103.12	-461.90	-206.00	-152.78	-281.25	-28.67	-424.68	-238.95	-214.40	-197.62
		214	27.24	75.57	-310.53	-129.98	-104.98	-192.65	980.90	291.54	948.28	324.16	146.37
		332	43.04	-28.27	-661.58	-436.82	-253.03	-303.03	1124.16	175.36	1123.83	175.69	17.58
		525	21.31	143.16	-319.77	-240.20	63.59	-174.65	134.54	-120.66	-74.86	88.74	97.92
164	55	61	9.53	76.12	-114.65	65.40	-103.93	43.93	666.41	-473.95	-39.86	232.32	553.70
		370	28.60	-17.37	-275.24	-130.44	-162.17	127.96	3473.30	-343.18	490.29	2639.82	1576.79
		329	35.47	51.07	-185.40	-143.90	9.58	89.95	-190.17	-4606.39	-2079.14	-2717.42	2184.93
		320	28.55	-142.41	-434.44	-273.63	-303.22	145.26	2525.97	-1714.95	2506.48	-1695.46	286.86
164	111	61	9.59	57.72	-121.92	31.39	-95.59	63.54	698.48	-396.83	-58.71	360.36	505.99
		370	22.15	20.75	-243.17	-110.01	-112.42	131.95	2609.24	-78.45	337.27	2193.51	971.86
		329	27.87	46.06	-216.23	-173.79	3.61	96.60	-564.96	-3439.77	-1977.53	-2027.20	1437.19
		320	20.64	-116.76	-411.66	-273.98	-254.44	147.12	1574.54	-1197.84	1542.69	-1165.99	295.43
164	143	61	10.14	59.21	-130.40	28.25	-99.44	70.08	734.67	-407.17	-64.98	392.48	523.10
		370	22.20	26.52	-250.48	-112.23	-111.73	138.50	2592.79	-56.31	327.62	2208.86	932.56
		329	28.20	47.96	-231.51	-186.05	2.49	103.14	-645.16	-3433.90	-2054.00	-2025.07	1394.29
		320	20.61	-119.57	-428.09	-287.31	-260.34	153.67	1507.20	-1181.41	1471.04	-1145.24	309.72
165	2	1	18.07	152.44	-106.99	116.70	-71.25	-89.42	3055.79	-2023.01	-1063.18	2095.96	-1988.34
		23	62.40	201.28	-141.13	-15.63	75.78	164.99	1578.61	-1.398e+04	-1824.24	-1.058e+04	-6431.21
		83	85.00	87.92	-347.92	-342.50	82.50	48.32	1.999e+04	-3373.67	7306.65	9306.21	-1.164e+04
		60	80.25	-156.61	-540.47	-462.60	-234.48	154.36	-4190.19	-2.090e+04	-2.058e+04	-4502.10	-2261.28
165	105	1	13.93	126.30	-77.02	96.06	-46.77	-72.35	2311.95	-1528.93	-780.59	1563.62	-1521.27
		23	48.66	160.70	-109.90	-8.70	59.50	130.93	1092.08	-1.098e+04	-1469.21	-8416.05	-4934.88
		83	65.44	71.57	-261.26	-257.16	67.46	36.73	1.532e+04	-2751.80	5507.76	7056.11	-9000.50
		60	61.45	-121.20	-416.37	-354.75	-182.82	119.96	-3167.10	-1.600e+04	-1.575e+04	-3425.16	-1801.71
165	137	1	14.00	127.68	-76.70	97.23	-46.25	-72.78	2318.45	-1534.89	-780.71	1564.27	-1528.83
		23	48.75	162.09	-107.81	-7.21	61.49	130.51	1100.96	-1.099e+04	-1470.28	-8422.35	-4948.40
		83	65.49	73.21	-260.99	-257.00	69.22	36.30	1.532e+04	-2779.72	5493.47	7046.80	-9016.47
		60	61.50	-121.65	-416.07	-354.77	-182.94	119.54	-3166.42	-1.602e+04	-1.576e+04	-3426.99	-1811.43
166	2	60	88.73	-167.16	-469.32	-414.18	-222.30	-116.70	-3884.01	-2.293e+04	-2.279e+04	-4026.43	-1640.77
		83	73.80	140.63	-386.32	-334.79	89.09	156.53	1.706e+04	-1124.98	7476.75	8460.98	-9080.52
		84	38.54	58.62	-410.60	-399.02	47.05	-72.79	1.118e+04	6909.93	7148.15	1.094e+04	-979.77
		59	116.91	-190.36	-524.57	-456.76	-258.18	134.41	-6187.37	-3.125e+04	-3.124e+04	-6193.79	400.99
166	117	60	67.86	-133.20	-354.40	-318.38	-169.21	-81.67	-2974.36	-1.754e+04	-1.744e+04	-3078.21	-1225.59
		83	56.89	117.02	-299.55	-254.85	72.32	128.93	1.303e+04	-956.87	5657.95	6412.53	-6981.92
		84	29.30	49.70	-314.40	-307.39	42.70	-50.00	8562.02	5114.89	5322.70	8354.22	-820.46
		59	90.19	-140.87	-412.23	-354.22	-198.88	111.25	-4755.49	-2.408e+04	-2.407e+04	-4761.12	329.77
166	149	60	67.87	-133.74	-353.43	-318.37	-168.80	-80.46	-2978.55	-1.755e+04	-1.745e+04	-3080.79	-1216.25
		83	56.93	119.27	-300.07	-254.79	73.99	130.14	1.302e+04	-967.71	5647.91	6405.32	-6984.07
		84	29.32	50.91	-314.41	-307.77	44.27	-48.79	8552.25	5076.29	5286.34	8342.20	-828.26
		59	90.33	-139.71	-413.51	-354.68	-198.54	112.46	-4762.39	-2.412e+04	-2.411e+04	-4768.28	337.63
167	2	59	118.32	-218.11	-542.22	-508.26	-252.07	-99.26	-6297.71	-3.141e+04	-3.139e+04	-6315.89	675.51
		84	40.85	83.88	-379.25	-377.68	82.32	26.86	1.193e+04	7468.03	7468.64	1.193e+04	52.33
		85	62.91	70.00	-281.00	-215.42	4.42	-136.81	1.166e+04	-6052.11	-622.25	6232.74	8167.32
		58	74.53	-93.32	-250.15	-219.36	-124.11	62.30	-2661.27	-1.975e+04	-1.918e+04	-3222.42	3045.02
167	97	59	91.13	-167.53	-420.05	-393.72	-193.86	-77.17	-4856.33	-2.417e+04	-2.416e+04	-4867.61	466.69
		84	31.76	66.09	-292.52	-291.61	65.18	18.03	9250.05	5621.51	5622.07	9249.49	-44.89
		85	48.31	58.55	-222.40	-170.19	6.34	-109.28	8912.23	-4690.71	-642.66	4864.19	6219.21
		58	57.75	-71.76	-194.93	-173.42	-93.27	46.76	-2089.92	-1.529e+04	-1.486e+04	-2516.06	2333.09
167	129	59	91.24	-166.63	-420.78	-394.27	-193.14	-77.68	-4865.42	-2.420e+04	-2.419e+04	-4876.36	459.76
		84	31.84	66.75	-293.05	-292.20	65.89	17.52	9265.78	5595.12	5596.02	9264.87	-57.58
		85	48.32	59.27	-223.47	-171.17	6.97	-109.79	8905.61	-4707.40	-678.95	4877.17	6213.76
		58	57.91	-71.75	-195.22	-174.37	-92.60	46.25	-2101.59	-1.533e+04	-1.490e+04	-2527.09	2333.96

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
168	2	58	66.09	-114.87	-406.24	-382.47	-138.64	-79.76	-3692.96	-1.732e+04	-1.647e+04	-4548.68	3306.08
		85	85.37	106.74	-199.74	-151.95	58.96	-111.18	1.690e+04	-8178.13	-1915.26	1.063e+04	1.085e+04
		10	61.29	43.11	-133.78	23.00	-113.67	-56.15	-5900.66	-1.810e+04	-1.363e+04	-1.037e+04	5877.27
		7	35.07	427.03	68.91	426.98	68.95	-3.98	8108.36	-1484.48	1822.16	4801.71	4559.19
168	101	58	51.29	-90.14	-317.03	-298.99	-108.18	-61.38	-2810.58	-1.341e+04	-1.276e+04	-3459.19	2540.25
		85	65.64	84.27	-156.75	-119.35	46.87	-87.27	1.288e+04	-6428.85	-1645.60	8092.85	8334.32
		10	47.47	30.68	-103.52	12.71	-85.55	-45.70	-4752.44	-1.406e+04	-1.072e+04	-8088.21	4462.01
		7	27.09	324.87	53.14	324.83	53.18	-3.34	6211.60	-1190.77	1297.47	3723.36	3496.79
168	133	58	51.44	-90.11	-317.92	-299.84	-108.20	-61.58	-2807.08	-1.344e+04	-1.280e+04	-3455.05	2544.07
		85	65.66	84.63	-157.48	-120.12	47.27	-87.47	1.285e+04	-6466.48	-1686.06	8073.60	8337.13
		10	47.54	30.04	-103.48	11.76	-85.19	-45.90	-4783.25	-1.409e+04	-1.076e+04	-8107.88	4458.52
		7	27.13	323.86	53.13	323.81	53.18	-3.53	6199.40	-1212.00	1260.43	3726.96	3494.47
169	76	23	57.52	67.66	-91.34	-36.20	12.52	75.67	-391.38	-1.489e+04	-2152.49	-1.313e+04	-4735.73
		148	95.85	-84.25	-257.28	-213.53	-128.00	75.20	-4825.32	-2.737e+04	-5053.19	-2.714e+04	-2254.86
		154	66.16	-36.12	-247.14	-226.43	-56.82	62.77	1.817e+04	3048.69	7099.83	1.411e+04	-6695.47
		83	73.38	65.92	-387.85	-326.87	4.93	154.77	1.642e+04	-2740.41	4033.57	9646.80	-9160.28
169	98	23	44.88	63.42	-59.09	-15.81	20.14	58.56	-284.62	-1.158e+04	-1677.83	-1.018e+04	-3713.75
		148	74.42	-62.49	-181.73	-152.50	-91.72	51.30	-3754.09	-2.126e+04	-3934.49	-2.108e+04	-1768.09
		154	50.62	-23.62	-185.87	-171.29	-38.20	46.39	1.387e+04	2183.81	5429.52	1.062e+04	-5234.03
		83	56.63	54.59	-291.53	-249.02	12.08	113.61	1.266e+04	-2240.97	3122.21	7293.52	-7150.88
169	130	23	44.97	64.02	-56.67	-13.87	21.22	57.74	-287.40	-1.161e+04	-1684.40	-1.021e+04	-3723.17
		148	74.60	-62.36	-179.51	-150.65	-91.21	50.48	-3764.89	-2.131e+04	-3946.13	-2.113e+04	-1774.24
		154	50.55	-23.84	-184.94	-170.80	-37.97	45.57	1.385e+04	2151.15	5421.74	1.057e+04	-5248.74
		83	56.67	54.85	-290.38	-248.43	12.90	112.79	1.266e+04	-2265.87	3124.97	7268.55	-7169.28
170	2	83	64.68	60.82	-347.89	-323.52	36.45	96.79	1.501e+04	-2164.77	4212.05	8634.04	-8298.32
		154	59.17	-2.82	-282.48	-257.82	-27.47	79.29	1.652e+04	4131.34	7418.80	1.324e+04	-5471.35
		155	75.61	-8.13	-283.56	-282.79	-8.90	14.57	2.303e+04	1.022e+04	1.104e+04	2.222e+04	-3126.57
		84	43.28	16.23	-381.74	-379.50	13.99	29.75	1.205e+04	3555.84	3747.75	1.186e+04	-1262.41
170	106	83	49.98	41.03	-257.63	-241.91	25.31	66.68	1.165e+04	-1725.46	3269.55	6652.90	-6469.17
		154	45.64	-6.31	-203.12	-189.12	-20.31	50.58	1.281e+04	3088.65	5712.95	1.018e+04	-4315.17
		155	58.42	-5.56	-216.46	-216.46	-5.56	-0.18	1.784e+04	7808.74	8485.51	1.716e+04	-2516.29
		84	33.66	10.50	-292.26	-291.63	9.88	13.74	9371.35	2733.52	2913.14	9191.72	-1077.07
170	138	83	50.05	40.73	-256.12	-241.19	25.80	64.89	1.168e+04	-1734.16	3279.12	6668.46	-6490.35
		154	45.73	-6.71	-201.47	-188.37	-19.82	48.79	1.285e+04	3082.35	5724.23	1.021e+04	-4338.91
		155	58.50	-5.30	-216.91	-216.89	-5.32	-1.98	1.787e+04	7804.82	8490.77	1.719e+04	-2536.98
		84	33.76	10.60	-292.55	-292.08	10.13	11.95	9391.63	2731.40	2916.73	9206.29	-1095.45
171	2	84	44.53	28.22	-360.36	-360.32	28.18	-3.73	1.243e+04	3967.15	4099.51	1.230e+04	-1050.02
		155	74.24	9.61	-293.24	-292.18	8.55	17.90	2.264e+04	1.029e+04	1.064e+04	2.230e+04	-2034.70
		156	44.95	-12.25	-207.85	-207.76	-12.34	-4.27	1.333e+04	8250.30	8296.06	1.328e+04	479.80
		85	50.08	-17.20	-238.46	-231.55	-24.11	-38.49	9507.89	-5259.97	-2724.02	6971.93	5569.52
171	106	84	34.95	20.70	-277.96	-277.60	20.34	-10.40	9753.86	3072.82	3198.49	9628.18	-907.66
		155	57.64	8.17	-223.65	-223.58	8.10	4.08	1.754e+04	7877.40	8180.73	1.724e+04	-1684.93
		156	34.75	-6.92	-166.43	-165.43	-7.92	-12.59	1.032e+04	6310.30	6322.58	1.031e+04	221.70
		85	38.22	-10.37	-191.24	-182.79	-18.82	-38.17	7353.57	-3934.02	-2108.86	5528.41	4155.77
171	138	84	35.11	21.01	-278.51	-278.04	20.54	-11.86	9793.35	3076.09	3205.69	9663.76	-923.98
		155	57.78	8.49	-224.01	-223.98	8.46	2.62	1.757e+04	7876.17	8186.67	1.726e+04	-1707.27
		156	34.81	-6.53	-167.89	-166.66	-7.76	-14.05	1.034e+04	6307.83	6317.38	1.033e+04	196.09
		85	38.21	-9.80	-193.07	-184.05	-18.82	-39.64	7366.23	-3917.51	-2112.44	5561.17	4136.37
172	2	85	49.37	15.95	-149.65	-115.55	-18.14	-66.96	1.152e+04	-2642.67	-1597.13	1.047e+04	3703.07
		156	41.71	-17.09	-314.71	-314.43	-17.38	9.25	1.221e+04	6278.38	7249.86	1.123e+04	2194.18
		146	21.86	42.68	-24.29	-22.10	40.49	-11.90	5991.55	5511.19	5754.27	5748.47	240.16
		10	76.24	-33.10	-237.51	-151.86	-118.75	100.86	-4897.92	-2.082e+04	-1.360e+04	-1.212e+04	7926.01
172	105	85	37.51	10.56	-122.68	-98.77	-13.35	-51.13	8775.87	-2035.22	-1264.82	8005.48	2781.25
		156	31.96	-11.59	-249.17	-249.00	-11.76	6.36	9339.98	4899.67	5552.46	8687.19	1572.40
		146	16.55	31.58	-37.04	-35.90	30.44	-8.77	4520.41	4235.41	4298.64	4457.18	118.42
		10	58.77	-30.01	-190.49	-128.96	-91.54	78.03	-3888.35	-1.605e+04	-1.054e+04	-9395.81	6052.32
172	137	85	37.43	10.17	-124.03	-100.71	-13.15	-50.85	8761.30	-2039.84	-1273.15	7994.61	2773.67
		156	31.96	-11.31	-251.12	-250.94	-11.49	6.65	9336.33	4911.84	5548.99	8699.18	1553.42
		146	16.55	31.45	-40.12	-39.10	30.43	-8.48	4511.11	4226.61	4273.53	4464.19	105.58
		10	58.86	-30.92	-192.74	-132.16	-91.50	78.31	-3911.34	-1.607e+04	-1.057e+04	-9410.64	6050.76
173	76	148	94.94	-94.93	-215.14	-198.42	-111.64	41.59	-5048.55	-2.721e+04	-5252.68	-2.701e+04	-2117.07
		161	123.46	-140.58	-249.75	-242.50	-147.83	27.17	-7124.16	-3.544e+04	-7172.30	-3.539e+04	-1166.66
		167	50.56	-121.61	-232.10	-231.92	-121.80	4.50	1.426e+04	2966.73	3819.53	1.340e+04	-2983.24
		154	60.24	-27.91	-282.64	-241.45	-69.09	93.78	1.606e+04	2145.89	5174.03	1.303e+04	-5740.60
173	94	148	73.72	-62.00	-152.49	-136.31	-78.18	34.68	-3925.44	-2.115e+04	-4088.21	-2.099e+04	-1666.71
		161	96.09	-106.21	-175.33	-171.16	-110.38	16.46	-5546.85	-2.758e+04	-5584.31	-2.754e+04	-907.76
		167	38.00	-92.66	-172.54	-172.42	-92.78	3.14	1.069e+04	2198.79	2898.10	9992.40	-2334.55
		154	45.88	-16.94	-210.32	-179.95	-47.31	70.36	1.221e+04	1537.27	3958.67	9785.41	-4469.01
173	126	148	73.91	-61.08	-149.77	-133.49	-77.36	34.33	-3936.06	-2.121e+04	-4099.43	-2.104e+04	-1671.85
		161	96.34	-105.94	-172.60	-168.45	-110.09	16.11	-5561.22	-2.765e+04	-5598.77	-2.761e+04	-909.89
		167	37.80	-92.62	-171.60	-171.50	-92.72	2.80	1.063e+04	2181.04	2889.10	9924.99	-2341.61
		154	45.79	-16.66	-209.13	-178.92	-46.87	70.02	1.217e+04	1512.61	3952.95	9734.10	-4479.20
174	2	154	59.24	-9.73	-284.87	-255.34	-39.26	85.16	1.586e+04	2048.83	5467.26	1.244e+04	-5960.65

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		167	48.11	-106.95	-238.78	-237.24	-108.49	14.17	1.381e+04	3684.26	4113.30	1.338e+04	-2039.16
		168	92.35	-80.98	-236.16	-236.06	-81.08	4.04	2.765e+04	9404.62	9495.08	2.756e+04	-1281.65
		155	73.81	-11.51	-293.44	-286.50	-18.45	43.68	2.237e+04	8718.53	9218.38	2.187e+04	-2564.28
174	101	154	45.79	-1.88	-205.19	-182.00	-25.08	64.64	1.225e+04	1488.62	4198.33	9542.39	-4671.55
		167	36.86	-74.42	-167.64	-166.32	-75.74	11.03	1.060e+04	2795.89	3157.08	1.024e+04	-1639.58
		168	71.07	-60.26	-181.83	-181.79	-60.30	2.32	2.130e+04	7271.73	7352.03	2.122e+04	-1058.39
		155	57.01	-5.48	-224.66	-219.85	-10.28	32.09	1.730e+04	6728.21	7150.86	1.688e+04	-2071.25
174	133	154	45.91	-0.51	-203.58	-180.17	-23.92	64.85	1.228e+04	1482.52	4206.01	9560.70	-4690.51
		167	36.93	-73.86	-166.01	-164.62	-75.26	11.24	1.062e+04	2796.98	3163.63	1.025e+04	-1653.57
		168	71.13	-60.16	-182.40	-182.35	-60.21	2.53	2.132e+04	7285.77	7368.58	2.124e+04	-1074.95
		155	57.09	-4.77	-225.13	-220.29	-9.61	32.30	1.733e+04	6737.76	7168.62	1.690e+04	-2092.34
175	2	155	73.62	-0.05	-272.98	-268.61	-4.42	34.26	2.233e+04	8641.75	9157.03	2.182e+04	-2605.57
		168	90.57	-63.75	-242.63	-242.49	-63.89	5.04	2.727e+04	9436.42	9463.03	2.724e+04	-688.41
		169	60.31	-52.86	-230.18	-230.16	-52.89	-2.10	1.818e+04	8430.69	8591.28	1.802e+04	1240.67
		156	44.65	-14.35	-252.83	-251.99	-15.19	14.13	1.338e+04	7092.92	7582.27	1.289e+04	1684.08
175	106	155	57.21	0.15	-207.65	-205.84	-1.66	19.31	1.732e+04	6647.80	7091.22	1.688e+04	-2129.87
		168	69.96	-44.70	-185.40	-185.36	-44.74	-2.38	2.110e+04	7301.41	7328.79	2.107e+04	-614.06
		169	46.93	-39.91	-188.40	-188.00	-40.31	-7.61	1.413e+04	6643.99	6747.33	1.403e+04	873.73
		156	34.78	-10.61	-203.50	-203.42	-10.69	3.99	1.037e+04	5664.12	5975.52	1.006e+04	1169.73
175	138	155	57.35	0.34	-207.89	-206.25	-1.30	18.40	1.736e+04	6654.51	7106.78	1.691e+04	-2153.29
		168	70.07	-44.38	-185.85	-185.77	-44.45	-3.29	2.114e+04	7317.25	7346.02	2.111e+04	-629.81
		169	47.06	-39.72	-190.64	-190.15	-40.20	-8.52	1.417e+04	6679.76	6779.92	1.407e+04	860.33
		156	34.88	-10.71	-205.60	-205.55	-10.75	3.09	1.039e+04	5705.50	6006.48	1.009e+04	1148.65
176	2	156	46.27	-10.34	-154.57	-153.42	-11.48	-12.79	1.399e+04	7292.83	7759.00	1.352e+04	1704.25
		169	60.03	-34.47	-304.09	-302.19	-36.38	22.60	1.821e+04	7835.94	8289.57	1.775e+04	2121.18
		159	34.75	0.28	-156.41	-149.17	-6.97	-32.91	7231.52	-2085.30	4193.36	952.86	4367.56
		146	34.38	-19.48	-343.80	-312.47	-50.82	95.81	6230.51	-1915.19	6204.69	-1889.37	457.88
176	98	156	35.84	-6.71	-130.97	-129.51	-8.16	-13.37	1.080e+04	5814.36	6126.05	1.049e+04	1206.79
		169	46.32	-24.69	-242.23	-241.30	-25.62	14.18	1.404e+04	6168.97	6501.84	1.371e+04	1584.42
		159	27.18	-1.06	-143.51	-138.34	-6.24	-26.65	5697.63	-1420.33	3450.44	826.87	3308.41
		146	27.47	-18.13	-276.45	-255.43	-39.16	70.63	5022.22	-1351.12	5012.41	-1341.30	249.91
176	130	156	35.90	-6.62	-133.12	-131.63	-8.11	-13.64	1.081e+04	5855.12	6159.96	1.051e+04	1190.67
		169	46.37	-24.48	-244.27	-243.38	-25.36	13.92	1.406e+04	6200.73	6531.74	1.373e+04	1578.27
		159	27.29	-1.06	-147.09	-141.95	-6.20	-26.91	5729.53	-1386.26	3497.88	845.39	3301.47
		146	27.69	-18.76	-279.68	-259.07	-39.37	70.37	5069.02	-1327.83	5060.53	-1319.33	232.99
177	16	161	124.45	-146.92	-250.62	-250.62	-146.92	-0.14	-6779.57	-3.562e+04	-6823.25	-3.557e+04	-1121.45
		174	129.78	-146.28	-245.64	-240.80	-151.12	21.40	-7325.34	-3.719e+04	-7325.60	-3.719e+04	-88.15
		180	49.22	-127.22	-232.63	-227.43	-132.42	-22.83	1.419e+04	4633.80	4638.45	1.419e+04	-210.85
		167	52.76	-107.97	-239.99	-223.11	-124.85	44.08	1.512e+04	5485.35	6194.96	1.441e+04	-2516.43
177	93	161	96.85	-106.84	-171.81	-171.19	-107.45	6.29	-5288.21	-2.772e+04	-5322.28	-2.769e+04	-873.58
		174	101.02	-106.75	-169.27	-164.10	-111.92	17.22	-5710.52	-2.894e+04	-5710.64	-2.894e+04	-52.74
		180	36.74	-98.57	-168.95	-166.44	-101.08	-13.06	1.058e+04	3528.37	3531.70	1.058e+04	-153.22
		167	39.68	-78.95	-178.98	-163.39	-94.54	36.29	1.135e+04	4160.97	4730.14	1.078e+04	-1941.01
177	125	161	97.10	-106.11	-167.59	-166.81	-106.89	6.90	-5303.86	-2.779e+04	-5337.94	-2.776e+04	-874.66
		174	101.28	-105.64	-165.62	-159.74	-111.52	17.83	-5726.33	-2.901e+04	-5726.44	-2.901e+04	-50.99
		180	36.51	-98.64	-167.09	-164.75	-100.99	-12.44	1.052e+04	3520.62	3523.93	1.051e+04	-152.17
		167	39.49	-78.17	-177.99	-161.67	-94.49	36.91	1.129e+04	4148.28	4722.74	1.072e+04	-1942.31
178	2	167	50.89	-98.15	-245.70	-238.55	-105.30	31.67	1.470e+04	5490.91	6332.14	1.386e+04	-2653.92
		180	48.12	-118.60	-235.38	-234.61	-119.37	-9.49	1.399e+04	4997.54	4998.44	1.399e+04	89.98
		181	96.70	-93.08	-235.73	-234.20	-94.61	-14.70	2.894e+04	1.021e+04	1.021e+04	2.894e+04	-102.61
		168	91.69	-77.95	-246.60	-242.92	-81.63	24.64	2.760e+04	1.081e+04	1.085e+04	2.756e+04	-826.74
178	101	167	38.92	-66.61	-171.53	-165.17	-72.96	25.02	1.129e+04	4201.62	4873.15	1.062e+04	-2075.71
		180	36.65	-83.26	-161.89	-161.60	-83.55	-4.77	1.070e+04	3841.24	3841.67	1.070e+04	54.10
		181	74.32	-69.45	-180.38	-179.67	-70.17	-8.89	2.227e+04	7930.76	7931.46	2.227e+04	-99.58
		168	70.57	-57.87	-188.98	-186.11	-60.74	19.18	2.126e+04	8389.71	8425.81	2.122e+04	-680.69
178	133	167	38.99	-65.77	-169.66	-163.05	-72.38	25.36	1.131e+04	4204.17	4880.54	1.063e+04	-2085.35
		180	36.69	-82.89	-159.77	-159.51	-83.15	-4.43	1.071e+04	3848.74	3849.10	1.071e+04	50.09
		181	74.36	-69.35	-180.80	-180.14	-70.01	-8.55	2.229e+04	7951.54	7952.30	2.229e+04	-104.46
		168	70.63	-57.70	-189.52	-186.56	-60.66	19.52	2.128e+04	8409.77	8446.99	2.124e+04	-691.16
179	2	168	91.59	-60.82	-234.71	-232.49	-63.04	19.50	2.770e+04	1.099e+04	1.105e+04	2.763e+04	-1048.52
		181	95.50	-77.33	-236.48	-235.64	-78.16	-11.49	2.870e+04	1.018e+04	1.018e+04	2.869e+04	228.75
		182	64.13	-58.50	-244.09	-243.03	-59.56	-13.97	1.935e+04	8076.05	8077.12	1.935e+04	-109.82
		169	60.56	-50.00	-255.34	-253.20	-52.15	20.87	1.828e+04	8477.81	8738.35	1.802e+04	1576.86
179	106	168	70.75	-43.44	-178.73	-178.09	-44.08	9.32	2.144e+04	8531.27	8588.92	2.138e+04	-860.59
		181	73.75	-54.10	-181.21	-180.01	-55.30	-12.30	2.220e+04	7921.65	7923.09	2.220e+04	143.65
		182	49.92	-44.33	-201.88	-200.56	-45.66	-14.40	1.507e+04	6370.42	6371.92	1.507e+04	-114.18
		169	47.18	-39.53	-208.61	-207.96	-40.18	10.47	1.422e+04	6694.92	6876.26	1.404e+04	1154.18
179	138	168	70.87	-43.27	-179.01	-178.48	-43.80	8.47	2.148e+04	8555.16	8614.00	2.142e+04	-869.95
		181	73.87	-53.70	-181.80	-180.44	-55.06	-13.14	2.224e+04	7947.41	7948.76	2.224e+04	138.54
		182	50.06	-44.32	-204.72	-203.26	-45.79	-15.24	1.511e+04	6407.09	6408.71	1.511e+04	-118.75
		169	47.32	-39.63	-211.20	-210.66	-40.18	9.63	1.426e+04	6733.94	6912.50	1.408e+04	1145.40
180	2	169	64.59	-30.78	-194.31	-193.93	-31.16	-7.93	1.960e+04	8397.61	8861.20	1.914e+04	2231.65
		182	63.76	-51.08	-270.10	-269.44	-51.74	12.03	1.927e+04	7557.34	7575.13	1.925e+04	-456.22

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		172	22.76	-10.20	-252.45	-242.79	-19.86	-47.40	4187.53	-658.51	3268.63	260.39	1899.65
		159	16.31	-17.95	-345.40	-320.21	-43.14	87.25	1929.53	-373.48	1848.84	-292.79	-423.44
180	101	169	49.79	-21.54	-165.07	-164.85	-21.76	-5.60	1.513e+04	6621.30	6967.13	1.478e+04	1679.76
		182	49.22	-36.40	-222.16	-221.53	-37.03	10.80	1.490e+04	5968.64	5984.04	1.488e+04	-370.48
		172	18.46	-11.10	-225.60	-219.82	-16.88	-34.73	3383.07	-367.99	2706.69	308.39	1442.10
		159	13.77	-16.76	-294.48	-277.03	-34.20	67.38	1666.00	-206.02	1597.70	-137.72	-351.00
180	133	169	49.83	-21.30	-167.98	-167.79	-21.50	-5.32	1.514e+04	6654.87	6999.25	1.480e+04	1674.40
		182	49.28	-36.13	-225.14	-224.48	-36.79	11.09	1.492e+04	6001.22	6016.96	1.490e+04	-374.41
		172	18.64	-11.58	-231.11	-225.57	-17.13	-34.45	3415.05	-342.51	2743.58	328.97	1439.53
		159	14.01	-17.18	-300.02	-282.78	-34.42	67.67	1702.85	-190.23	1633.78	-121.16	-354.94
181	16	174	129.72	-150.68	-244.39	-242.84	-152.23	-11.93	-7382.16	-3.719e+04	-7382.19	-3.719e+04	-31.15
		187	124.08	-140.29	-226.85	-226.68	-140.46	3.85	-7017.32	-3.558e+04	-7035.32	-3.556e+04	716.67
		193	52.19	-104.61	-238.73	-221.70	-121.64	-44.65	1.491e+04	4686.98	5221.58	1.438e+04	2276.00
		180	49.09	-128.08	-228.40	-225.54	-130.94	16.68	1.418e+04	4807.23	4807.36	1.418e+04	35.87
181	101	174	100.93	-112.35	-163.89	-163.46	-112.78	-4.69	-5749.76	-2.892e+04	-5749.79	-2.892e+04	-28.63
		187	96.57	-103.38	-151.13	-151.04	-103.46	1.98	-5466.60	-2.768e+04	-5481.26	-2.766e+04	570.39
		193	39.19	-80.79	-173.59	-161.04	-93.33	-31.73	1.119e+04	3549.33	3983.80	1.075e+04	1769.00
		180	36.71	-97.27	-166.91	-164.14	-100.04	13.61	1.059e+04	3661.98	3662.19	1.059e+04	37.74
181	133	174	101.19	-111.93	-159.09	-158.68	-112.34	-4.37	-5764.83	-2.899e+04	-5764.86	-2.899e+04	-28.76
		187	96.81	-102.89	-146.38	-146.26	-103.01	2.29	-5481.09	-2.774e+04	-5495.86	-2.773e+04	573.34
		193	39.00	-80.82	-171.73	-159.13	-93.42	-31.42	1.113e+04	3537.07	3976.74	1.069e+04	1773.23
		180	36.49	-96.85	-165.21	-162.24	-99.82	13.93	1.053e+04	3654.32	3654.54	1.053e+04	39.21
182	2	180	48.06	-119.04	-235.19	-235.02	-119.22	4.49	1.397e+04	5056.84	5066.66	1.396e+04	-295.76
		193	51.00	-91.65	-238.87	-228.93	-101.59	-36.94	1.471e+04	4846.13	5520.95	1.404e+04	2490.65
		194	92.79	-71.11	-249.05	-242.42	-77.74	-33.71	2.791e+04	1.053e+04	1.060e+04	2.784e+04	1081.22
		181	96.68	-95.23	-234.37	-234.24	-95.36	4.21	2.892e+04	1.012e+04	1.012e+04	2.892e+04	117.29
182	101	180	36.58	-82.98	-163.03	-162.62	-83.40	5.76	1.068e+04	3889.92	3896.87	1.067e+04	-217.01
		193	38.89	-65.68	-165.18	-159.04	-71.82	-23.94	1.127e+04	3702.24	4239.60	1.073e+04	1943.09
		194	71.38	-55.47	-189.12	-185.73	-58.86	-21.02	2.149e+04	8177.35	8233.79	2.143e+04	864.89
		181	74.30	-70.39	-180.01	-179.66	-70.74	6.17	2.225e+04	7870.08	7870.74	2.225e+04	97.60
182	133	180	36.61	-82.53	-161.11	-160.62	-83.01	6.14	1.069e+04	3897.87	3904.75	1.068e+04	-216.11
		193	38.94	-65.36	-163.09	-157.04	-71.41	-23.55	1.128e+04	3707.14	4247.45	1.074e+04	1949.73
		194	71.43	-55.58	-189.44	-186.19	-58.84	-20.63	2.151e+04	8199.21	8256.55	2.145e+04	871.64
		181	74.34	-70.18	-180.53	-180.14	-70.57	6.56	2.227e+04	7892.52	7893.19	2.227e+04	98.30
183	2	181	95.81	-78.16	-232.11	-232.11	-78.16	0.30	2.878e+04	1.016e+04	1.017e+04	2.878e+04	-126.91
		194	91.89	-56.45	-239.16	-234.83	-60.78	-27.78	2.776e+04	1.059e+04	1.067e+04	2.769e+04	1141.34
		195	60.46	-49.85	-260.94	-257.49	-53.31	-26.79	1.825e+04	8574.52	8705.66	1.812e+04	-1118.63
		182	63.59	-59.07	-249.80	-249.40	-59.47	8.64	1.919e+04	8171.61	8173.68	1.918e+04	150.88
183	106	181	73.98	-55.24	-177.94	-177.88	-55.30	-2.68	2.227e+04	7913.69	7914.39	2.227e+04	-100.12
		194	70.99	-39.10	-183.33	-179.81	-42.62	-22.23	2.148e+04	8229.60	8290.68	2.142e+04	897.50
		195	47.05	-38.22	-213.82	-210.99	-41.05	-22.12	1.419e+04	6763.02	6858.32	1.409e+04	-835.85
		182	49.52	-45.63	-205.81	-205.75	-45.70	3.32	1.494e+04	6452.80	6454.27	1.494e+04	111.85
183	138	181	74.10	-54.97	-178.45	-178.35	-55.06	-3.45	2.231e+04	7940.47	7941.17	2.231e+04	-100.02
		194	71.10	-38.61	-184.00	-180.27	-42.34	-23.00	2.152e+04	8255.43	8317.06	2.145e+04	901.94
		195	47.19	-38.15	-216.80	-213.81	-41.13	-22.88	1.423e+04	6801.75	6896.21	1.413e+04	-832.22
		182	49.67	-45.83	-208.61	-208.57	-45.87	2.56	1.499e+04	6491.11	6492.59	1.498e+04	111.96
184	2	182	64.16	-43.60	-252.24	-251.58	-44.26	-11.71	1.945e+04	8048.14	8058.41	1.944e+04	342.12
		195	61.81	-35.92	-233.97	-233.74	-36.15	-6.71	1.877e+04	8231.44	8491.71	1.851e+04	-1635.33
		185	23.45	-16.51	-321.47	-306.22	-31.76	-66.48	4040.64	-277.37	3955.23	-191.96	601.26
		172	22.83	-15.34	-279.28	-268.15	-26.47	53.05	3874.86	-1081.52	2666.00	127.34	-2128.43
184	102	182	49.51	-31.27	-207.41	-206.81	-31.87	-10.25	1.503e+04	6336.71	6344.58	1.502e+04	261.40
		195	47.69	-25.47	-192.10	-191.96	-25.62	-4.94	1.449e+04	6474.74	6670.98	1.429e+04	-1238.40
		185	19.20	-14.50	-273.73	-262.62	-25.60	-52.50	3288.24	-125.97	3223.10	-60.83	467.05
		172	18.44	-14.98	-242.11	-235.36	-21.72	38.56	3155.02	-722.43	2233.83	198.76	-1650.24
184	134	182	49.58	-31.03	-210.16	-209.53	-31.66	-10.62	1.505e+04	6370.33	6378.29	1.504e+04	262.60
		195	47.74	-25.23	-194.83	-194.67	-25.39	-5.31	1.450e+04	6507.88	6703.78	1.431e+04	-1235.99
		185	19.43	-14.78	-278.88	-267.84	-25.83	-52.88	3325.72	-109.10	3260.61	-43.99	468.41
		172	18.62	-15.48	-247.05	-240.58	-21.95	38.18	3191.52	-698.65	2272.26	220.61	-1652.59
185	87	118	13.44	77.45	-205.68	8.76	-137.00	121.36	329.70	-783.79	-460.33	6.25	505.51
		95	19.39	226.06	-63.01	-1.59	164.65	118.24	2433.68	142.52	2214.71	361.49	673.61
		96	13.74	255.16	-31.41	86.79	136.96	141.07	1236.58	388.85	1213.23	412.20	138.75
		119	11.22	-6.89	-180.77	-13.24	-174.43	32.60	1001.60	-488.81	184.68	328.12	741.75
185	116	118	13.16	83.90	-179.34	5.90	-101.34	120.20	297.54	-725.53	-331.91	-96.08	497.76
		95	17.10	199.96	-67.60	-1.03	133.38	115.67	1999.52	35.19	1792.91	241.79	602.62
		96	12.41	224.49	-45.48	65.62	113.39	132.85	978.11	203.13	921.32	259.92	201.96
		119	11.80	7.53	-147.37	-12.09	-127.74	51.53	824.30	-625.89	55.57	142.83	723.78
185	148	118	13.82	90.16	-184.73	5.83	-100.40	126.77	317.05	-750.66	-323.83	-109.77	523.02
		95	17.60	206.19	-73.15	-1.04	134.09	122.24	2017.97	18.66	1802.56	234.08	619.90
		96	12.86	231.25	-51.80	65.40	114.05	139.42	978.23	182.00	910.76	249.48	221.75
		119	12.51	11.93	-151.14	-12.39	-126.82	58.09	838.56	-670.39	43.62	124.55	753.39
186	2	119	10.19	-32.52	-199.90	-32.59	-199.83	3.43	808.26	-188.49	181.79	437.98	481.63
		96	14.03	252.80	-64.47	56.30	132.03	154.05	230.57	-915.55	39.58	-724.57	427.11
		99	9.45	-20.62	-149.62	-142.68	-27.56	-29.11	1035.77	30.33	36.58	1029.52	-78.98

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		216	11.80	-151.26	-233.70	-205.73	-179.22	39.03	1053.23	446.86	456.01	1044.09	73.90
186	116	119	11.73	3.41	-172.62	-5.66	-163.54	38.93	1265.44	-55.55	262.31	947.58	564.67
		96	11.04	203.97	-32.07	85.20	86.70	118.02	720.28	-129.53	679.89	-89.14	180.81
		99	5.89	-24.59	-122.20	-118.77	-28.01	17.97	686.25	35.47	84.42	637.30	-171.63
		216	9.26	-96.30	-182.00	-136.33	-141.96	42.76	880.20	259.80	275.09	864.91	96.18
186	148	119	12.25	6.29	-176.48	-6.16	-164.03	46.06	1355.06	-32.71	273.71	1048.64	575.63
		96	11.47	207.39	-42.93	83.69	80.77	125.15	726.83	-103.66	678.47	-55.31	194.47
		99	6.24	-26.61	-124.53	-117.61	-33.53	25.10	723.34	38.07	89.50	671.90	-180.55
		216	9.90	-88.32	-188.36	-134.71	-141.97	49.89	977.37	282.65	293.04	966.99	84.28
187	56	255	19.58	-150.64	-197.57	-150.68	-197.54	-1.32	-1055.94	-2405.26	-1096.31	-2364.89	-229.88
		235	13.60	-69.76	-232.71	-104.23	-198.24	66.55	-112.86	-1267.07	-123.95	-1255.98	-112.61
		117	9.50	-98.32	-222.16	-98.79	-221.69	7.65	784.28	-160.75	341.78	281.74	471.56
		479	11.67	-152.72	-213.52	-155.27	-210.96	-12.19	-548.02	-987.19	-664.08	-871.13	193.65
187	121	255	14.70	-101.25	-163.43	-120.04	-144.63	-28.56	-734.15	-1763.01	-773.73	-1723.43	-197.87
		235	10.58	-75.80	-152.25	-84.41	-143.64	24.17	-26.91	-1068.84	-45.45	-1050.30	-137.75
		117	7.05	-72.85	-166.73	-77.48	-162.10	-20.32	477.59	-109.14	257.11	111.34	284.17
		479	8.33	-97.20	-178.88	-121.05	-155.03	-37.14	-417.13	-645.98	-488.18	-574.93	105.88
187	153	255	14.85	-96.91	-170.48	-120.85	-146.53	-34.47	-721.50	-1764.13	-762.62	-1723.01	-202.93
		235	10.78	-80.01	-150.14	-85.13	-145.01	18.25	-16.75	-1090.79	-37.73	-1069.80	-148.66
		117	7.09	-70.51	-170.80	-77.92	-163.39	-26.23	453.12	-108.34	254.95	89.83	268.31
		479	8.43	-92.69	-185.74	-121.58	-156.85	-43.05	-424.70	-635.24	-486.90	-573.04	96.05
188	88	370	22.77	-37.43	-125.00	-76.97	-85.46	43.58	3406.43	313.34	497.96	3221.81	732.78
		374	32.33	-37.98	-133.79	-80.45	-91.32	47.60	4990.36	914.09	1007.31	4897.14	609.34
		338	20.75	26.70	-199.61	-108.42	-64.49	111.00	-568.76	-2475.51	-954.85	-2089.42	766.23
		329	21.84	-89.42	-122.36	-111.03	-100.74	-15.64	-81.54	-3112.78	-647.00	-2547.32	1180.80
188	99	370	16.84	-13.63	-129.40	-71.02	-72.01	57.88	2532.50	251.14	361.20	2422.45	488.84
		374	25.27	-17.56	-134.43	-74.97	-77.02	58.42	3905.20	733.08	794.03	3844.25	435.44
		338	16.20	28.87	-179.18	-95.80	-54.51	101.96	-359.64	-1776.69	-655.21	-1481.12	575.74
		329	17.27	-76.26	-114.34	-106.18	-84.42	15.63	-51.87	-2304.98	-415.87	-1940.98	829.24
188	131	370	16.89	-11.05	-135.13	-72.91	-73.27	62.04	2535.92	262.97	362.07	2436.81	464.15
		374	25.53	-14.88	-140.06	-76.86	-78.08	62.58	3942.88	744.63	801.41	3886.10	422.33
		338	16.18	31.54	-184.84	-97.72	-55.58	106.12	-341.62	-1730.99	-635.33	-1437.28	567.28
		329	17.22	-74.18	-119.65	-108.11	-85.71	19.79	-49.07	-2271.37	-396.54	-1923.90	807.13
189	76	97	46.33	-79.65	-103.28	-87.50	-95.43	-11.13	1.258e+04	1471.09	1948.21	1.210e+04	2252.19
		327	70.15	-124.79	-269.95	-192.23	-202.51	72.40	1.936e+04	3595.98	3634.40	1.932e+04	777.24
		309	51.93	-147.42	-212.95	-212.29	-148.08	-6.55	-4497.76	-1.483e+04	-5026.17	-1.430e+04	2276.40
		331	45.94	-34.53	-323.44	-262.45	-95.52	117.90	-2466.96	-1.206e+04	-4135.80	-1.039e+04	3636.96
189	110	97	36.92	-58.57	-120.48	-81.63	-97.42	-29.93	9836.79	1177.26	1536.83	9477.21	1727.57
		327	55.33	-148.10	-193.57	-161.68	-179.99	20.81	1.513e+04	2831.12	2858.24	1.510e+04	576.94
		309	38.78	-111.07	-179.11	-157.64	-132.54	-31.62	-3249.63	-1.101e+04	-3687.53	-1.058e+04	1791.11
		331	33.84	-71.35	-225.54	-200.56	-96.33	56.82	-1703.71	-8940.08	-3010.37	-7633.42	2783.55
189	142	97	37.38	-58.34	-132.44	-85.74	-105.04	-35.77	9907.95	1202.04	1555.14	9554.85	1717.38
		327	55.81	-157.94	-194.65	-165.67	-186.92	14.97	1.523e+04	2854.80	2881.65	1.520e+04	575.70
		309	38.54	-109.11	-186.21	-156.78	-138.54	-37.46	-3199.62	-1.092e+04	-3643.54	-1.047e+04	1797.10
		331	33.57	-81.14	-221.74	-199.85	-103.03	50.98	-1658.62	-8863.28	-2970.26	-7551.63	2780.21
190	66	331	39.48	-38.38	-272.13	-260.70	-49.81	50.41	-2794.14	-1.098e+04	-4395.55	-9377.08	3246.84
		309	48.71	-106.71	-244.91	-239.73	-111.88	26.24	-5130.26	-1.414e+04	-5336.35	-1.393e+04	1346.83
		294	44.55	-85.34	-325.42	-324.35	-86.41	15.99	-3746.53	-1.307e+04	-3783.65	-1.304e+04	587.17
		330	34.85	-46.12	-338.82	-329.93	-55.01	50.24	-2063.10	-9695.23	-3600.24	-8158.09	-3060.86
190	100	331	30.46	-29.62	-207.60	-202.56	-34.66	29.52	-2175.26	-8553.11	-3434.12	-7294.25	2538.52
		309	37.65	-77.43	-182.72	-181.65	-78.51	10.59	-4002.90	-1.101e+04	-4172.42	-1.084e+04	1076.30
		294	34.60	-58.56	-244.56	-244.54	-58.58	2.02	-2952.82	-1.021e+04	-2984.06	-1.018e+04	475.29
		330	26.75	-34.42	-255.00	-251.33	-38.08	28.21	-1671.46	-7536.23	-2820.39	-6387.30	-2327.70
190	132	331	30.47	-28.82	-207.38	-202.92	-33.28	27.84	-2185.51	-8577.76	-3447.51	-7315.76	2544.48
		309	37.70	-75.85	-181.94	-181.18	-76.61	8.91	-4016.23	-1.104e+04	-4187.59	-1.087e+04	1083.49
		294	34.75	-56.62	-244.36	-244.36	-56.62	0.34	-2965.15	-1.025e+04	-2996.86	-1.021e+04	479.39
		330	26.78	-33.41	-254.48	-251.25	-36.64	26.53	-1687.11	-7553.51	-2831.40	-6409.22	-2324.53
191	35	214	35.99	10.21	-323.07	-225.21	-87.65	-151.79	7543.69	-1275.10	-409.63	6678.22	-2623.62
		332	43.67	116.29	-401.82	-323.55	38.03	-185.54	1.254e+04	6912.43	7112.89	1.234e+04	1043.25
		319	19.02	-68.26	-299.43	-296.18	-71.52	-27.25	3766.71	-38.02	3019.38	709.32	-1511.59
		248	13.39	12.34	-170.63	-120.66	-37.63	-81.52	2722.55	229.05	993.99	1957.61	1149.89
191	123	214	27.69	11.65	-255.75	-192.89	-51.20	-113.38	5714.16	-934.23	-296.94	5076.86	-1957.25
		332	33.43	103.48	-320.89	-267.70	50.30	-140.51	9641.83	5282.13	5463.57	9460.40	870.67
		319	14.75	-32.65	-245.21	-243.81	-34.04	-17.16	2864.41	209.22	2331.26	742.37	-1063.66
		248	10.66	16.36	-138.60	-109.63	-12.61	-60.42	2167.49	85.77	771.75	1481.51	978.49
191	155	214	27.71	11.82	-257.58	-197.02	-48.75	-112.46	5708.49	-922.91	-293.35	5078.93	-1943.83
		332	33.50	105.74	-323.21	-271.57	54.10	-139.59	9682.88	5290.78	5473.92	9499.74	877.96
		319	14.77	-28.86	-248.04	-246.84	-30.07	-16.24	2858.50	253.02	2331.93	779.59	-1046.27
		248	10.75	17.22	-140.12	-112.92	-9.97	-59.50	2188.22	60.48	764.75	1483.95	1001.25
192	76	327	66.66	-130.22	-190.07	-156.20	-164.09	-29.66	1.853e+04	3628.52	3654.90	1.850e+04	626.35
		98	77.99	-89.41	-240.90	-152.82	-177.49	74.73	2.191e+04	4603.82	4667.33	2.184e+04	1046.34
		198	52.64	-194.84	-233.88	-230.69	-198.03	-10.69	-1699.08	-1.407e+04	-1964.40	-1.381e+04	1792.52
		309	47.86	-129.27	-261.29	-241.94	-148.61	46.69	-2866.41	-1.325e+04	-3116.16	-1.300e+04	1591.21

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
192	122	327	52.36	-111.56	-184.43	-149.42	-146.57	-36.41	1.446e+04	2814.51	2843.62	1.443e+04	581.48
		98	59.84	-108.56	-175.24	-143.28	-140.52	33.31	1.681e+04	3522.28	3579.74	1.676e+04	872.04
		198	40.14	-132.59	-194.46	-179.70	-147.35	-26.37	-1277.34	-1.080e+04	-1486.96	-1.059e+04	1397.30
		309	35.78	-129.17	-199.05	-196.22	-132.00	13.77	-2127.73	-9849.72	-2326.32	-9651.12	1222.34
192	154	327	52.80	-114.51	-195.52	-156.90	-153.14	-40.46	1.455e+04	2829.51	2860.46	1.451e+04	601.40
		98	59.92	-116.52	-175.52	-149.80	-142.25	29.26	1.683e+04	3522.58	3583.00	1.677e+04	894.74
		198	40.06	-129.72	-198.89	-180.75	-147.86	-30.42	-1268.37	-1.078e+04	-1478.98	-1.057e+04	1399.89
		309	35.57	-135.93	-199.70	-198.18	-137.44	9.72	-2104.05	-9765.04	-2304.31	-9564.78	1222.33
193	15	479	12.36	-144.60	-230.86	-158.25	-217.21	-31.48	-379.35	-1210.62	-640.30	-949.67	385.78
		117	10.74	-101.72	-236.59	-105.83	-232.48	23.19	1009.28	-185.45	402.70	421.13	597.30
		5	18.95	-122.72	-288.69	-181.93	-229.47	-79.51	1915.29	329.59	358.41	1886.48	211.82
		254	30.07	-147.22	-245.05	-171.39	-220.88	42.19	4027.93	820.33	840.96	4007.30	256.43
193	110	479	6.59	-110.49	-155.61	-117.51	-148.59	-16.35	167.44	-582.59	-386.51	-28.63	329.57
		117	11.03	-72.33	-179.28	-79.17	-172.44	26.16	1209.13	54.40	385.03	878.50	521.99
		5	17.36	-103.38	-208.80	-140.49	-171.69	-50.34	2014.58	367.57	388.05	1994.09	182.55
		254	26.73	-102.16	-181.40	-130.42	-153.14	37.95	3778.59	776.91	789.88	3765.62	196.90
193	142	479	7.01	-110.74	-154.33	-116.82	-148.26	-15.09	290.87	-537.09	-364.03	117.81	336.66
		117	11.73	-71.45	-181.06	-78.81	-173.71	27.43	1309.92	86.86	401.35	995.43	534.55
		5	18.08	-105.63	-208.84	-141.29	-173.18	-49.08	2132.99	392.25	412.50	2112.74	186.63
		254	27.62	-101.17	-182.69	-130.83	-153.04	39.22	3926.20	808.52	820.94	3913.78	196.38
194	68	343	4.86	23.41	-39.97	14.59	-31.16	-21.93	157.16	-376.46	-228.89	9.58	238.68
		258	2.62	27.04	-29.70	10.20	-12.86	25.92	-22.90	-304.53	-289.72	-37.71	62.85
		253	5.12	21.22	-32.89	11.58	-23.26	20.70	-185.35	-732.54	-731.14	-186.74	27.56
		341	4.31	6.14	-62.84	-1.68	-55.02	-21.87	256.49	-107.90	-35.83	184.42	145.14
194	110	343	4.05	11.65	-18.38	4.86	-11.58	-12.57	228.95	-324.20	-143.72	48.47	259.35
		258	2.47	8.73	-19.93	-2.89	-8.31	14.07	175.97	-108.44	52.73	14.80	140.93
		253	2.56	12.66	-20.19	1.68	-9.21	15.49	-7.67	-294.21	-241.29	-60.60	111.20
		341	3.78	-1.50	-44.64	-11.77	-34.37	-18.37	262.40	-147.86	-19.00	133.54	190.42
194	145	343	3.71	23.49	-19.99	21.41	-17.92	-9.27	-23.01	-396.94	-377.48	-42.47	83.06
		258	2.22	22.59	-21.07	13.98	-12.45	17.37	-22.88	-178.84	-171.09	-30.63	-33.88
		253	3.96	27.25	-22.06	18.55	-13.36	18.80	-99.75	-471.99	-464.98	-106.75	-50.58
		341	3.19	9.43	-44.20	4.79	-39.56	-15.07	41.47	-255.14	-252.64	38.97	27.14
195	65	82	3.00	41.91	-42.15	41.76	-42.01	-3.47	300.80	-209.36	151.46	-60.01	-232.14
		304	4.17	53.97	-18.33	34.51	1.12	-32.06	125.28	-889.42	-740.05	-24.09	-359.52
		253	2.32	6.16	-12.42	5.40	-11.66	-3.68	-15.30	-592.38	-514.45	-93.23	-197.23
		239	1.72	28.19	-25.65	21.66	-19.13	17.57	18.87	-208.67	-76.06	-113.73	-112.20
195	115	82	1.83	29.98	-21.40	29.65	-21.07	4.09	157.05	-234.02	-37.38	-39.59	-195.53
		304	3.22	26.86	-10.87	16.83	-0.85	-16.67	57.16	-743.91	-587.18	-99.57	-317.79
		253	2.87	7.09	-12.36	6.23	-11.49	4.00	-87.51	-731.84	-599.93	-219.42	-259.99
		239	2.26	29.62	-20.07	18.35	-8.80	20.80	-87.65	-382.41	-332.32	-137.74	-110.70
195	143	82	1.96	30.15	-19.00	29.29	-18.14	6.42	153.48	-256.90	-56.93	-46.49	-205.12
		304	3.29	23.90	-8.46	15.24	0.21	-14.33	56.27	-776.20	-601.48	-118.46	-339.00
		253	3.33	8.61	-14.70	6.74	-12.82	6.34	-102.66	-842.97	-670.46	-275.17	-312.97
		239	2.58	32.86	-19.88	19.13	-6.16	23.14	-97.36	-453.98	-396.07	-155.27	-131.52
196	88	374	32.32	-53.39	-93.82	-64.46	-82.74	18.03	4988.04	1066.17	1078.28	4975.93	217.60
		375	30.29	-55.63	-155.91	-145.50	-66.03	30.58	4747.53	706.54	706.57	4747.50	-11.09
		347	15.61	51.27	-201.45	-87.68	-62.51	125.73	-1149.62	-2156.82	-1161.13	-2145.31	-107.07
		338	15.22	-48.67	-155.36	-118.68	-85.35	-50.68	-502.34	-2252.72	-554.15	-2200.90	296.67
196	100	374	24.88	-21.11	-100.39	-56.43	-65.07	39.40	3842.70	808.47	818.68	3832.49	175.73
		375	23.36	-23.49	-139.00	-115.91	-46.58	46.20	3674.54	549.95	550.00	3674.50	11.65
		347	12.20	59.95	-171.31	-69.38	-41.98	114.82	-868.63	-1610.66	-874.28	-1605.01	-64.50
		338	11.58	-63.51	-102.58	-99.19	-66.90	-10.99	-367.10	-1679.98	-410.19	-1636.89	233.92
196	132	374	25.07	-17.17	-105.78	-57.56	-65.39	44.13	3871.89	812.53	822.17	3862.25	171.46
		375	23.53	-19.30	-143.41	-116.82	-45.88	50.92	3701.93	552.74	552.79	3701.88	12.53
		347	12.19	64.89	-175.91	-69.83	-41.20	119.55	-861.73	-1582.62	-867.52	-1576.83	-64.34
		338	11.45	-65.97	-101.02	-99.87	-67.13	-6.26	-360.22	-1648.74	-402.63	-1606.33	229.88
197	86	375	29.15	-58.90	-108.38	-106.53	-60.74	-9.38	4574.99	739.47	811.30	4503.16	-519.96
		368	23.89	-31.16	-221.62	-206.91	-45.87	50.85	3522.69	664.30	713.34	3473.65	371.17
		326	12.53	33.24	-201.81	-138.21	-30.36	104.42	64.35	-1285.10	-19.35	-1201.40	325.48
		347	16.02	-56.15	-185.44	-173.91	-67.67	-36.84	-161.68	-2149.07	-363.82	-1946.93	-600.72
197	116	375	22.31	-48.62	-89.11	-87.05	-50.68	8.90	3451.71	546.81	607.42	3391.10	-415.22
		368	18.85	-8.17	-178.77	-161.20	-25.74	51.85	2666.63	475.76	524.00	2618.39	321.49
		326	10.47	46.88	-158.20	-99.74	-11.58	92.58	96.95	-1029.31	15.69	-948.06	291.39
		347	12.10	-49.47	-134.29	-132.38	-51.39	-12.60	-82.89	-1690.85	-247.47	-1526.27	-487.39
197	148	375	22.44	-47.12	-91.86	-88.43	-50.54	11.90	3465.94	545.96	608.26	3403.64	-421.94
		368	19.16	-4.07	-181.13	-162.10	-23.10	54.84	2687.29	472.61	522.95	2636.95	330.08
		326	10.59	51.94	-159.49	-98.96	-8.59	95.57	113.53	-1014.55	26.90	-927.92	300.37
		347	11.96	-49.72	-133.22	-132.10	-50.84	-9.60	-67.14	-1680.56	-236.52	-1511.18	-494.56
198	56	341	5.55	35.63	-93.60	26.51	-84.48	-33.08	185.11	-137.64	-58.02	105.48	139.14
		253	4.54	21.21	-53.57	-9.52	-22.84	36.79	-101.08	-629.43	-629.42	-101.09	2.31
		304	4.54	32.76	5.26	8.41	29.61	-8.75	-137.58	-695.80	-664.88	-168.50	-127.69
		143	7.09	-85.23	-179.60	-85.94	-178.89	-8.12	239.90	-260.72	-247.73	226.91	79.57
198	110	341	4.99	23.01	-65.24	12.95	-55.18	-28.05	285.77	-145.14	-1.69	142.32	203.07

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		253	3.08	13.77	-28.93	-13.19	-1.98	20.60	23.27	-289.51	-261.18	-5.06	89.77
		304	2.97	44.11	-6.42	-0.72	38.40	-15.99	-69.63	-338.52	-337.93	-70.23	-12.65
		143	5.56	-80.39	-126.71	-83.40	-123.70	-11.42	281.93	-209.86	-150.80	222.88	159.86
198	142	341	5.24	22.86	-66.68	11.71	-55.53	-29.56	319.32	-144.52	15.73	159.07	220.57
		253	3.12	13.01	-27.49	-13.99	-0.50	19.09	40.51	-283.36	-245.27	2.42	104.33
		304	3.00	46.11	-8.68	-2.36	39.79	-17.50	-64.17	-327.45	-327.45	-64.17	-0.69
		143	5.75	-81.60	-128.02	-85.54	-124.08	-12.93	307.26	-206.87	-137.97	238.36	175.15
199	87	512	4.58	47.81	-31.57	8.89	7.35	39.68	-63.56	-954.84	-831.85	-186.55	307.40
		352	1.79	0.39	-17.99	-0.02	-17.58	2.72	492.92	108.41	306.76	294.57	192.15
		92	2.01	36.38	1.48	33.51	4.35	9.60	173.46	-280.90	-54.06	-53.39	227.18
		138	4.06	35.70	-36.57	19.85	-20.73	29.90	501.21	-542.99	-510.00	468.22	182.64
199	110	512	3.48	30.53	-11.21	12.31	7.01	20.70	-15.05	-829.53	-741.67	-102.91	252.67
		352	2.03	5.59	-17.16	5.28	-16.85	-2.63	253.87	-254.09	-130.47	130.26	217.97
		92	2.54	33.73	-2.37	33.69	-2.33	1.12	41.11	-495.26	-366.93	-87.22	228.83
		138	3.23	21.68	-19.42	17.46	-15.21	12.46	306.02	-525.41	-482.83	263.44	183.28
199	142	512	3.59	28.78	-8.51	14.08	6.19	18.22	-30.05	-905.25	-820.21	-115.09	259.21
		352	2.32	7.87	-19.47	6.88	-18.48	-5.11	228.54	-328.08	-207.48	107.94	229.31
		92	2.88	35.41	-4.02	35.36	-3.97	-1.36	16.33	-563.69	-438.83	-108.53	238.40
		138	3.53	21.93	-18.66	19.31	-16.03	9.98	293.93	-597.81	-556.17	252.30	188.13
200	75	517	3.99	30.92	-101.57	-39.10	-31.55	-66.13	95.46	-220.35	-132.87	7.99	-141.33
		136	2.73	39.92	-69.02	16.07	-45.17	45.05	-6.77	-279.56	-271.96	-14.38	44.91
		510	2.31	-20.52	-36.59	-20.96	-36.15	2.64	-193.01	-467.79	-194.61	-466.19	20.92
		509	4.38	2.25	-99.71	-43.06	-54.40	-50.66	-345.41	-711.14	-362.00	-694.56	-76.09
200	123	517	3.30	0.11	-101.06	-81.23	-19.73	-40.16	305.49	-99.99	152.82	52.68	-196.46
		136	1.81	-8.22	-58.32	-39.49	-27.05	24.27	88.54	-68.86	11.31	8.37	-78.69
		510	2.00	-19.34	-48.17	-48.13	-19.38	1.07	97.58	-325.85	69.54	-297.80	-105.30
		509	3.52	-8.96	-94.66	-69.10	-34.52	-39.21	32.16	-489.38	-20.97	-436.24	-157.76
200	155	517	3.44	-2.20	-108.59	-90.10	-20.68	-40.31	344.43	-97.28	185.26	61.89	-212.07
		136	2.03	-11.76	-64.22	-48.30	-27.68	24.12	121.74	-66.94	42.65	12.16	-93.10
		510	2.27	-19.33	-54.11	-54.08	-19.35	0.92	135.29	-327.84	101.41	-293.96	-120.58
		509	3.60	-10.82	-99.21	-75.12	-34.91	-39.36	72.79	-487.72	12.01	-426.95	-174.28
201	36	245	24.50	-156.20	-777.13	-285.50	-647.83	-252.12	275.32	-159.09	-37.35	153.58	-195.10
		62	11.81	-47.06	-212.43	-196.20	-63.28	-49.19	682.88	-457.73	-419.13	644.29	-206.23
		40	15.48	-177.05	-390.19	-186.95	-380.29	-44.85	626.32	-237.09	-207.18	596.42	157.87
		247	15.99	149.19	-309.47	146.77	-307.06	33.19	360.90	-37.88	-35.27	358.29	-32.16
201	99	245	16.50	-126.33	-541.86	-198.71	-469.48	-157.60	238.31	-59.40	10.76	168.15	-126.35
		62	7.33	-54.36	-123.58	-119.68	-58.26	-15.96	540.58	-323.56	-292.15	509.17	-161.72
		40	11.56	-134.55	-283.47	-135.07	-282.94	-8.80	516.52	-193.37	-164.01	487.16	141.34
		247	12.20	112.72	-241.57	106.71	-235.57	45.73	260.86	-33.03	-32.76	260.59	8.93
201	131	245	16.66	-127.93	-543.99	-195.55	-476.37	-153.49	244.62	-48.00	17.92	178.71	-122.24
		62	7.05	-58.19	-118.02	-115.57	-60.64	-11.86	545.38	-317.68	-285.97	513.66	-162.38
		40	11.66	-134.85	-286.28	-134.99	-286.14	-4.70	522.81	-195.34	-164.30	491.77	146.04
		247	12.45	112.88	-250.27	105.91	-243.30	49.83	259.66	-34.83	-34.04	258.87	15.20
202	56	153	60.68	-40.34	-1696.26	-591.83	-1144.77	-780.44	634.23	-592.76	550.60	-509.14	-309.22
		38	39.57	872.07	-187.23	201.73	483.11	510.62	752.02	-1277.04	-1016.83	491.81	-678.43
		62	26.67	36.86	-637.98	-527.06	-74.06	-250.10	559.95	-432.63	-383.53	510.85	-215.24
		245	23.24	-45.59	-654.82	-49.89	-650.53	50.96	321.65	-319.53	-152.78	154.90	-281.26
202	96	153	42.12	-12.90	-1152.82	-392.29	-773.42	-537.16	520.48	-468.30	451.91	-399.73	-251.20
		38	29.62	649.75	-98.16	215.72	335.87	369.10	556.20	-1042.92	-847.86	361.14	-523.33
		62	18.44	6.45	-443.16	-366.70	-70.01	-168.91	422.01	-329.36	-290.06	382.71	-167.30
		245	16.70	28.88	-429.16	15.56	-415.84	76.98	232.39	-255.92	-116.18	92.65	-220.70
202	128	153	42.02	-4.88	-1142.98	-374.39	-773.48	-532.92	526.23	-470.67	457.26	-401.69	-252.99
		38	30.07	661.82	-92.07	232.90	336.85	373.34	556.73	-1055.02	-859.88	361.59	-525.77
		62	18.15	2.82	-436.43	-362.14	-71.47	-164.67	422.48	-328.98	-289.65	383.15	-167.36
		245	16.87	34.72	-430.55	20.08	-415.91	81.22	231.19	-257.78	-116.18	89.58	-221.78
203	56	199	28.28	-258.38	-451.38	-340.24	-369.51	95.38	-6527.72	-1.005e+04	-6528.10	-1.005e+04	-36.38
		19	28.29	-229.42	-449.59	-236.15	-442.86	37.90	-2263.82	-9601.53	-2269.20	-9596.15	198.62
		543	15.01	-299.53	-429.48	-308.11	-420.90	32.27	3379.16	-1045.72	-1036.18	3369.62	205.24
		541	19.64	-346.34	-408.90	-353.36	-401.89	-19.73	5941.39	-386.50	93.94	5460.95	-1676.11
203	119	199	22.56	-202.12	-356.86	-272.56	-286.41	77.06	-5237.54	-8082.95	-5239.00	-8081.49	-64.28
		19	23.19	-189.01	-359.48	-197.95	-350.54	38.01	-2379.31	-8064.29	-2390.91	-8052.69	256.62
		543	8.43	-244.63	-348.41	-255.95	-337.10	32.35	1081.11	-1217.99	-1206.98	1070.09	158.78
		541	12.37	-285.75	-313.65	-287.09	-312.32	-5.95	3229.31	-780.70	-323.13	2771.74	-1274.95
203	151	199	23.10	-201.53	-359.58	-274.20	-286.90	78.77	-5399.96	-8330.85	-5401.81	-8329.00	-73.54
		19	23.86	-190.30	-362.75	-200.00	-353.06	39.72	-2550.35	-8365.73	-2564.08	-8352.00	282.27
		543	7.88	-247.15	-352.44	-259.66	-339.94	34.06	797.48	-1326.48	-1313.16	784.17	167.63
		541	12.00	-289.62	-313.89	-290.39	-313.13	-4.24	3027.53	-908.83	-418.93	2537.63	-1299.39
204	87	236	20.12	86.67	-228.64	-47.25	-94.73	-155.86	-1027.52	-2935.54	-1182.31	-2780.75	520.94
		108	22.52	113.34	-135.90	11.20	-33.76	-122.58	-234.65	-2713.33	-890.30	-2057.69	1093.28
		171	26.62	174.62	-319.62	-132.48	-12.51	-239.73	3181.85	459.37	541.05	3100.17	464.44
		227	31.83	-1.09	-154.57	-107.44	-48.22	-70.80	5038.87	1049.93	1058.66	5030.13	186.42
204	118	236	13.66	42.70	-189.27	-49.26	-97.31	-113.47	-515.24	-1763.49	-763.62	-1515.11	498.34
		108	17.08	76.60	-110.08	1.19	-34.67	-91.61	131.01	-1831.10	-574.26	-1125.82	941.50

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		171	22.49	113.27	-259.11	-127.34	-18.50	-178.06	2879.38	461.22	528.35	2812.24	397.28
		227	28.86	-30.03	-144.59	-110.55	-64.07	-52.35	4498.86	949.48	958.99	4489.34	183.56
204	150	236	13.41	37.39	-192.89	-51.94	-103.56	-112.21	-450.74	-1671.17	-734.35	-1387.56	515.45
		108	17.02	73.17	-111.18	-0.73	-37.29	-90.34	196.83	-1780.02	-551.55	-1031.64	958.83
		171	22.99	108.02	-262.59	-132.79	-21.78	-176.80	2974.27	484.23	551.94	2906.56	404.99
		227	29.79	-37.86	-149.84	-116.76	-70.94	-51.09	4627.08	979.21	989.23	4617.05	191.01
205	65	314	24.59	16.00	-164.03	-57.49	-90.53	-88.49	-1795.13	-3697.49	-1795.92	-3696.70	-38.58
		189	14.37	66.53	-97.01	4.85	-35.33	-79.26	-1145.97	-2101.45	-1162.10	-2085.31	-123.12
		108	23.44	161.45	-152.29	19.64	-10.49	-156.14	-318.25	-2565.04	-979.04	-1904.24	1023.72
		236	17.54	70.39	-177.73	-38.95	-68.39	-123.18	-1068.51	-2684.89	-1182.55	-2570.84	413.93
205	106	314	19.12	39.19	-146.85	-35.03	-72.63	-91.10	-1388.72	-2849.93	-1390.60	-2848.05	52.40
		189	11.30	76.78	-92.10	13.05	-28.37	-81.86	-922.53	-1636.70	-922.53	-1636.70	0.62
		108	19.90	138.74	-143.53	8.76	-13.54	-140.69	-164.32	-2050.20	-742.24	-1472.28	869.42
		236	14.00	69.78	-165.18	-36.15	-59.24	-116.91	-826.29	-2041.65	-901.13	-1966.81	292.16
205	138	314	19.13	44.96	-151.21	-33.27	-72.98	-96.06	-1389.15	-2848.97	-1392.65	-2845.47	71.40
		189	11.34	82.86	-96.05	14.95	-28.14	-86.82	-925.16	-1641.67	-925.84	-1641.00	21.98
		108	20.36	143.10	-149.01	7.89	-13.80	-145.65	-145.96	-2068.79	-739.45	-1475.30	888.23
		236	14.16	73.83	-170.97	-37.17	-59.98	-121.87	-823.66	-2036.08	-897.23	-1962.51	289.45
206	76	316	20.02	-77.78	-185.24	-155.07	-107.95	-48.29	-417.19	-2506.70	-1000.71	-1923.18	-937.43
		409	22.45	-0.72	-127.44	-75.14	-53.03	-62.39	817.45	-2248.52	-947.34	-483.73	-1515.35
		189	14.59	49.45	-99.84	-33.75	-16.65	-74.15	-1416.67	-2252.18	-1419.60	-2249.25	-49.42
		314	25.55	21.89	-152.72	-32.89	-97.95	-81.02	-1611.10	-3734.88	-1656.00	-3689.98	-305.50
206	120	316	16.18	-74.59	-106.80	-98.51	-82.87	-14.08	-663.39	-2274.34	-1137.57	-1800.16	-734.19
		409	15.18	-10.94	-66.22	-36.02	-41.15	-27.52	339.26	-1805.10	-1040.84	-425.00	-1027.02
		189	10.87	22.49	-50.12	-13.70	-13.93	-36.31	-1108.43	-1827.40	-1168.29	-1767.55	198.62
		314	20.64	5.82	-98.28	-14.78	-77.69	-41.47	-1387.97	-3116.84	-1398.07	-3106.74	-131.76
206	152	316	16.42	-78.92	-100.07	-94.10	-84.89	-9.52	-733.83	-2343.87	-1211.66	-1866.04	-735.53
		409	14.83	-13.50	-60.80	-31.51	-42.79	-22.96	289.31	-1827.90	-1103.98	-434.61	-1004.31
		189	10.94	18.09	-45.58	-11.45	-16.04	-31.75	-1095.47	-1853.54	-1182.63	-1766.38	241.82
		314	20.95	3.64	-96.43	-12.62	-80.17	-36.91	-1415.58	-3170.12	-1422.97	-3162.73	-113.57
207	45	317	29.94	-78.17	-465.24	-385.20	-158.21	-156.76	2632.08	-1416.43	1667.12	-451.47	-1724.97
		175	31.50	43.13	-80.59	-71.03	33.57	33.03	1639.61	-3500.76	-2794.30	933.15	-1769.86
		409	21.61	-49.22	-248.46	-233.49	-64.20	-52.53	938.21	-1954.36	-369.55	-646.60	-1439.64
		316	21.71	-5.85	-76.76	-31.26	-51.35	-34.00	-364.73	-3052.87	-1426.31	-1991.29	-1314.05
207	120	317	22.89	-63.46	-310.48	-249.48	-124.47	-106.52	1681.42	-1356.93	826.64	-502.14	-1366.19
		175	25.41	52.85	-26.84	-1.90	27.92	36.95	1028.78	-3056.61	-2598.14	570.31	-1289.51
		409	15.83	-44.17	-157.46	-149.86	-51.77	-28.35	432.94	-1652.41	-614.48	-604.99	-1042.66
		316	17.20	8.40	-50.16	4.12	-45.87	-15.25	-482.50	-2590.13	-1421.02	-1651.61	-1047.49
207	152	317	22.86	-64.30	-302.26	-241.41	-125.16	-103.82	1615.20	-1410.77	738.19	-533.75	-1372.84
		175	26.00	58.30	-23.91	6.39	27.99	39.66	988.47	-3133.14	-2687.19	542.52	-1280.30
		409	15.72	-45.27	-151.68	-145.09	-51.86	-25.64	381.08	-1686.72	-679.57	-626.07	-1033.55
		316	17.28	11.37	-49.92	8.68	-47.23	-12.54	-522.74	-2639.22	-1486.53	-1675.43	-1054.01
208	87	131	19.48	-3.20	-175.78	-77.97	-101.01	-85.52	-619.74	-2709.58	-620.79	-2708.53	46.83
		236	17.48	25.27	-159.12	-52.56	-81.29	-91.07	-787.92	-2669.25	-869.58	-2587.59	383.35
		227	32.36	136.89	-272.82	-109.34	-26.60	-200.64	4889.11	982.46	985.49	4886.08	108.75
		125	33.91	-37.63	-96.51	-92.58	-41.56	14.69	5486.33	1134.91	1135.48	5485.77	49.45
208	118	131	11.28	-6.61	-159.95	-67.89	-98.68	-75.11	-406.79	-1361.28	-412.64	-1355.42	74.51
		236	10.54	16.30	-151.73	-48.48	-86.96	-81.78	-480.55	-1536.17	-630.10	-1386.62	368.10
		227	29.28	85.62	-245.58	-112.32	-47.64	-162.41	4377.65	879.99	884.07	4373.57	119.35
		125	31.26	-57.25	-98.22	-98.16	-57.30	-1.49	4972.95	1027.28	1027.42	4972.82	22.80
208	150	131	10.62	-7.85	-165.83	-69.59	-104.08	-77.09	-392.45	-1216.45	-400.05	-1208.85	78.78
		236	10.31	14.76	-158.14	-50.30	-93.08	-83.76	-446.20	-1439.81	-622.61	-1263.40	379.68
		227	30.23	80.91	-254.01	-118.47	-54.63	-164.39	4504.86	905.79	910.19	4500.47	125.70
		125	32.32	-63.30	-104.48	-104.19	-63.59	-3.47	5123.14	1058.11	1058.21	5123.04	19.83
209	2	368	31.76	37.07	-171.97	-159.33	24.43	-49.82	4766.24	714.20	903.46	4576.98	855.03
		527	38.38	-169.39	-380.28	-379.53	-170.14	-12.54	5706.55	530.43	547.91	5689.06	300.34
		220	32.57	-138.24	-276.31	-274.10	-140.45	17.33	62.12	-4063.49	-2228.14	-1773.23	2050.23
		326	42.40	26.57	-279.98	-279.97	26.57	-1.47	-158.83	-5516.14	-161.42	-5513.55	-117.63
209	122	368	23.09	26.07	-116.77	-115.57	24.87	-13.02	3351.88	510.75	586.72	3275.90	458.35
		527	23.75	-116.94	-279.20	-278.98	-117.16	5.88	3363.40	155.30	155.38	3363.32	-15.90
		220	22.90	-82.00	-215.14	-205.81	-91.33	33.99	-707.39	-2933.55	-1843.97	-1796.97	1112.83
		326	30.14	27.47	-203.47	-201.92	25.93	18.83	-244.29	-3947.08	-281.95	-3909.42	-371.53
209	151	368	23.24	26.79	-133.29	-112.50	6.00	-53.81	3645.38	778.83	847.58	3576.63	438.60
		527	30.65	-133.50	-282.82	-274.16	-142.17	-34.91	4484.15	561.06	584.26	4460.94	300.81
		220	21.43	-114.20	-203.59	-203.07	-114.72	-6.80	684.92	-2450.03	-1122.21	-642.91	1549.05
		326	29.20	10.93	-200.53	-198.22	8.62	-21.96	286.50	-3578.03	269.68	-3561.21	-254.37
210	2	527	35.30	-162.00	-527.70	-493.53	-196.17	-106.44	4230.73	-150.56	-100.19	4180.36	-467.05
		526	27.40	180.37	-20.93	47.05	112.40	-95.20	2535.34	-1125.28	1001.19	408.87	-1806.19
		218	56.57	224.05	-548.11	-446.56	122.50	-260.96	3463.37	-3851.14	3268.08	-3655.85	-1179.11
		220	60.55	-86.34	-305.84	-289.36	-102.82	-57.84	-15.16	-7958.99	-5038.38	-2935.76	-3830.25
210	110	527	25.84	-115.60	-395.17	-376.88	-133.89	-69.13	2725.79	-351.32	-140.32	2514.80	-777.65
		526	20.07	154.70	16.01	35.80	134.91	-48.50	1969.28	-891.00	815.27	263.02	-1403.23
		218	42.55	196.67	-394.07	-335.96	138.56	-175.93	2860.86	-2431.75	2690.24	-2261.13	-934.84

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		220	45.68	-54.96	-229.66	-224.93	-59.69	-28.35	129.20	-6084.79	-3456.50	-2499.09	-3069.90
210	142	527	25.87	-116.53	-396.08	-379.85	-132.76	-65.36	2688.07	-396.49	-145.86	2437.44	-842.77
		526	20.34	162.55	19.31	35.00	146.86	-44.73	2017.30	-913.11	827.36	276.83	-1439.12
		218	42.99	205.83	-389.34	-334.49	150.97	-172.16	2908.47	-2419.54	2729.99	-2241.06	-958.69
		220	45.97	-54.59	-229.19	-225.66	-58.12	-24.58	148.83	-6154.89	-3435.11	-2570.95	-3122.10
211	2	526	23.90	181.45	-283.68	-33.30	-68.93	-231.88	1895.75	57.02	631.09	1321.68	-852.06
		528	13.51	107.19	-101.79	101.95	-96.54	-32.70	1260.43	44.91	45.95	1259.39	-35.60
		257	21.32	152.84	-392.48	123.48	-363.13	-123.07	68.92	-800.05	68.90	-800.03	4.01
		218	29.05	271.78	-476.25	-267.59	63.11	-335.48	429.56	-1399.08	34.13	-1003.65	-752.81
211	117	526	17.77	113.99	-245.92	-26.12	-105.81	-175.49	1151.91	-194.76	334.21	622.94	-657.68
		528	11.18	85.83	-81.85	81.98	-77.99	-25.12	1036.08	-57.91	-38.30	1016.47	-145.16
		257	15.36	114.15	-295.01	93.09	-273.95	-90.40	-164.77	-601.47	-201.93	-564.32	-121.84
		218	21.52	167.58	-375.72	-197.60	-10.54	-255.04	303.56	-952.62	28.17	-677.23	-519.71
211	149	526	18.09	112.20	-251.08	-26.34	-112.54	-176.45	1149.26	-241.95	313.88	593.42	-681.42
		528	11.42	86.40	-85.47	82.35	-81.42	-26.08	1053.14	-78.50	-50.81	1025.45	-174.84
		257	15.50	114.58	-298.69	93.29	-277.40	-91.36	-165.85	-611.52	-220.75	-556.62	-146.48
		218	21.85	163.83	-379.12	-197.98	-17.31	-256.00	291.60	-997.64	1.82	-707.86	-538.16
212	47	120	23.12	41.50	-219.71	-214.82	36.61	35.39	-1856.57	-2903.20	-2902.72	-1857.05	-22.43
		217	54.62	290.03	-968.71	-774.99	96.31	454.22	3879.63	462.90	3789.77	552.76	546.78
		95	23.59	431.42	185.56	408.55	208.43	71.41	1799.71	134.25	1530.62	403.34	612.99
		118	21.03	45.39	-393.02	-141.69	-205.94	216.83	792.33	-576.77	37.38	178.19	680.92
212	120	120	16.82	50.61	-179.96	-166.03	36.67	54.94	-1255.02	-1970.59	-1933.38	-1292.23	158.88
		217	44.06	259.69	-754.40	-589.64	94.93	374.08	3266.71	302.14	3178.88	389.96	502.65
		95	19.21	351.11	133.44	310.64	173.90	84.68	1412.57	27.10	1211.93	227.73	487.56
		118	18.87	68.71	-319.61	-106.41	-144.49	193.22	812.63	-484.85	101.29	226.48	645.71
212	152	120	16.76	55.40	-183.62	-166.51	38.29	61.62	-1208.50	-1929.11	-1871.26	-1266.36	195.82
		217	44.55	266.73	-759.16	-589.93	97.50	380.75	3325.78	292.35	3234.49	383.63	518.25
		95	19.49	356.87	130.24	310.60	176.52	91.35	1420.06	11.80	1220.06	211.80	491.58
		118	19.52	75.99	-325.44	-106.65	-142.80	199.89	853.40	-494.70	115.96	242.74	671.06
213	2	209	82.57	-168.77	-566.05	-477.17	-257.65	-165.56	2.150e+04	4236.03	2.119e+04	4540.96	-2273.86
		303	88.30	136.64	-372.97	-359.54	123.20	-81.64	3349.46	-2.052e+04	-7711.44	-9463.20	-1.190e+04
		301	63.32	264.21	-127.98	-6.45	142.68	-181.36	1.330e+04	-2375.64	1422.00	9499.59	-6715.48
		3	19.71	131.25	-104.30	115.47	-88.52	58.89	2197.22	-3411.47	1131.67	-2345.92	-2200.21
213	122	209	62.97	-126.35	-426.76	-361.51	-191.60	-123.87	1.642e+04	3205.18	1.615e+04	3475.44	-1870.10
		303	67.47	102.14	-274.30	-266.24	94.07	-54.52	2881.83	-1.556e+04	-5770.88	-6912.18	-9205.69
		301	49.49	197.80	-98.78	-3.28	102.30	-138.57	1.069e+04	-1511.00	1238.25	7943.17	-5098.22
		3	14.16	113.24	-71.80	94.96	-53.52	55.20	1648.01	-2501.78	836.55	-1690.32	-1645.88
213	154	209	63.03	-126.20	-425.49	-361.12	-190.57	-122.97	1.643e+04	3206.40	1.616e+04	3482.67	-1891.62
		303	67.53	103.34	-273.57	-265.78	95.55	-53.62	2950.93	-1.555e+04	-5746.32	-6849.62	-9232.43
		301	49.66	198.49	-96.55	-2.00	103.95	-137.68	1.075e+04	-1496.68	1249.63	8003.56	-5107.89
		3	14.21	114.99	-71.03	96.17	-52.21	56.10	1651.63	-2500.41	836.68	-1685.46	-1649.11
214	2	210	118.52	-177.64	-548.55	-462.71	-263.48	-156.43	3.167e+04	6266.24	3.167e+04	6271.00	347.87
		259	38.33	67.23	-410.78	-405.76	62.21	48.74	-6539.78	-1.121e+04	-6921.12	-1.083e+04	-1278.87
		303	76.52	190.89	-411.44	-348.84	128.29	-183.81	1084.29	-1.752e+04	-7817.33	-8619.23	-9293.93
		209	90.80	-197.41	-472.60	-428.32	-241.69	101.12	2.347e+04	3883.91	2.333e+04	4026.65	-1666.10
214	122	210	91.27	-144.39	-416.10	-359.22	-201.26	-110.54	2.437e+04	4765.02	2.437e+04	4765.77	121.73
		259	29.94	57.06	-319.87	-313.32	50.50	49.27	-4784.00	-8660.03	-5171.31	-8272.72	-1162.42
		303	59.15	140.56	-304.43	-260.81	96.94	-132.32	1040.28	-1.355e+04	-5925.03	-6588.57	-7289.53
		209	69.48	-139.79	-364.75	-324.70	-179.84	86.05	1.792e+04	2905.65	1.779e+04	3037.93	-1403.17
214	154	210	91.45	-145.18	-415.51	-360.13	-200.56	-109.11	2.442e+04	4766.34	2.441e+04	4766.81	95.95
		259	30.09	58.32	-321.09	-314.19	51.42	50.70	-4718.25	-8678.45	-5125.88	-8270.81	-1203.39
		303	59.31	140.84	-303.10	-260.41	98.15	-130.89	1087.40	-1.359e+04	-5914.32	-6584.35	-7329.08
		209	69.56	-137.83	-365.35	-324.32	-178.86	87.48	1.794e+04	2895.65	1.780e+04	3032.32	-1427.24
215	2	211	76.32	-82.64	-268.75	-228.50	-122.89	-76.62	2.015e+04	2745.77	1.960e+04	3301.30	3059.48
		260	60.35	57.42	-247.94	-198.99	8.47	112.04	6329.22	-1.107e+04	1373.00	-6118.21	7854.43
		259	41.31	103.61	-394.75	-389.59	98.45	-50.45	-7254.79	-1.194e+04	-7267.34	-1.192e+04	-242.07
		210	119.85	-235.03	-532.18	-511.23	-255.99	76.08	3.184e+04	6373.92	3.182e+04	6389.88	637.37
215	122	211	59.95	-66.62	-205.98	-181.90	-90.71	-52.69	1.587e+04	2247.83	1.545e+04	2658.08	2327.71
		260	46.41	53.59	-207.25	-163.79	10.13	97.20	4945.92	-8404.74	1375.98	-4834.80	5909.03
		259	32.46	80.36	-301.99	-299.60	77.96	-30.18	-5441.59	-9366.16	-5479.02	-9328.73	-381.43
		210	92.36	-174.78	-416.91	-397.21	-194.47	66.19	2.452e+04	4960.66	2.451e+04	4968.86	400.30
215	154	211	60.35	-66.94	-206.62	-183.58	-89.98	-51.84	1.598e+04	2281.81	1.557e+04	2689.98	2328.80
		260	46.38	54.62	-209.16	-165.47	10.93	98.05	4991.46	-8368.54	1478.53	-4855.61	5881.50
		259	32.64	81.20	-302.72	-300.47	78.95	-29.33	-5396.07	-9408.13	-5441.80	-9362.40	-425.88
		210	92.54	-173.53	-418.10	-398.08	-193.55	67.04	2.456e+04	4979.84	2.456e+04	4987.47	386.52
216	2	79	35.76	399.90	66.45	399.84	66.51	4.58	1633.14	-8179.46	-1588.23	-4958.10	4607.91
		302	64.08	67.23	-114.81	58.71	-106.29	38.46	1.904e+04	6796.43	1.498e+04	1.086e+04	5764.46
		260	84.14	98.67	-199.34	-158.40	57.73	102.59	8593.12	-1.641e+04	2885.04	-1.070e+04	1.049e+04
		211	67.38	-120.47	-388.18	-375.42	-133.24	57.05	1.771e+04	3927.63	1.682e+04	4812.39	3377.95
216	117	79	27.74	323.54	50.24	323.45	50.33	5.02	828.38	-6544.04	-2004.79	-3710.88	3586.15
		302	47.80	53.41	-95.91	44.13	-86.63	36.04	1.400e+04	4354.32	1.057e+04	7780.02	4616.07
		260	65.22	77.44	-148.91	-111.96	40.49	83.65	5991.31	-1.313e+04	1412.71	-8549.24	8159.37
		211	49.30	-93.60	-297.08	-284.12	-106.55	49.69	1.298e+04	2995.10	1.230e+04	3678.19	2521.29

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
216	149	79	27.94	324.95	50.08	324.85	50.18	5.24	768.76	-6599.61	-2127.16	-3703.69	3598.87
		302	47.65	54.72	-96.52	45.45	-87.25	36.27	1.392e+04	4220.35	1.044e+04	7702.74	4653.32
		260	65.35	77.29	-148.11	-110.68	39.86	83.88	5906.69	-1.322e+04	1306.22	-8619.33	8174.75
		211	48.93	-93.56	-295.92	-282.75	-106.73	49.91	1.290e+04	3005.22	1.221e+04	3692.76	2515.55
217	88	303	74.48	106.50	-405.54	-340.06	41.02	-171.00	3075.09	-1.642e+04	-3793.09	-9555.29	-9313.84
		263	69.07	23.04	-275.19	-223.95	-28.20	-112.50	-2094.26	-1.831e+04	-6359.47	-1.405e+04	-7139.57
		261	96.00	-47.57	-256.62	-207.56	-96.62	-88.59	2.767e+04	4978.10	5228.03	2.742e+04	-2368.42
		301	57.78	169.45	-117.10	-15.86	68.22	-136.97	1.400e+04	-52.77	1957.42	1.199e+04	-4920.68
217	120	303	57.48	86.16	-303.10	-255.52	38.57	-127.51	2716.34	-1.249e+04	-2797.74	-6975.42	-7310.35
		263	52.49	14.71	-206.37	-168.02	-23.64	-83.71	-1161.11	-1.371e+04	-4714.95	-1.015e+04	-5653.10
		261	76.13	-35.47	-181.11	-145.25	-71.33	-62.74	2.193e+04	3952.64	4157.98	2.173e+04	-1910.46
		301	45.68	139.65	-73.72	4.10	61.83	-102.70	1.114e+04	27.06	1588.41	9583.52	-3862.77
217	152	303	57.53	86.43	-301.20	-254.23	39.46	-126.48	2791.33	-1.246e+04	-2772.46	-6897.47	-7342.10
		263	52.36	14.12	-204.75	-167.00	-23.63	-82.69	-1063.48	-1.363e+04	-4677.98	-1.002e+04	-5688.85
		261	76.63	-35.56	-177.75	-141.96	-71.35	-61.71	2.207e+04	3978.96	4187.25	2.186e+04	-1930.02
		301	45.92	140.81	-69.99	7.63	63.19	-101.67	1.122e+04	42.19	1605.99	9659.88	-3878.16
218	2	259	44.72	39.81	-395.21	-387.52	32.12	-57.31	-2791.78	-1.206e+04	-3098.50	-1.175e+04	-1657.98
		264	78.82	18.27	-283.73	-271.32	5.86	-59.96	-9628.38	-2.389e+04	-1.063e+04	-2.289e+04	-3642.98
		263	61.75	51.22	-311.32	-257.68	-2.42	-128.72	-3369.92	-1.676e+04	-6725.06	-1.340e+04	-5801.97
		303	67.82	112.81	-373.87	-334.34	73.28	-132.95	2660.33	-1.527e+04	-3935.32	-8672.61	-8645.70
218	98	259	34.40	30.82	-303.83	-298.32	25.32	-42.55	-2168.32	-9305.35	-2447.58	-9026.09	-1383.87
		264	60.51	13.13	-217.37	-209.93	5.69	-40.74	-7311.25	-1.836e+04	-8106.79	-1.757e+04	-2856.35
		263	47.21	38.26	-226.50	-187.31	-0.93	-94.02	-2467.13	-1.281e+04	-5103.25	-1.018e+04	-4508.56
		303	52.40	84.57	-278.92	-247.89	53.55	-101.56	2151.65	-1.174e+04	-3010.20	-6577.35	-6712.50
218	130	259	34.45	31.74	-304.83	-299.17	26.08	-43.26	-2152.07	-9311.22	-2443.29	-9019.99	-1414.26
		264	60.56	13.95	-218.48	-210.83	6.31	-41.44	-7288.34	-1.837e+04	-8099.70	-1.756e+04	-2887.23
		263	47.33	39.56	-226.27	-186.60	-0.12	-94.73	-2441.56	-1.283e+04	-5100.96	-1.018e+04	-4535.02
		303	52.56	86.00	-278.50	-247.10	54.60	-102.27	2180.19	-1.176e+04	-3007.89	-6571.61	-6738.33
219	2	260	50.53	-16.12	-241.14	-240.59	-16.66	11.05	5688.22	-8835.60	3650.40	-6797.78	5044.22
		265	45.74	-0.26	-192.18	-188.64	-3.80	-25.83	-8411.41	-1.367e+04	-8414.65	-1.366e+04	-130.40
		264	76.91	34.28	-298.55	-285.35	21.08	-64.95	-9675.85	-2.336e+04	-1.018e+04	-2.285e+04	-2587.93
		259	45.95	47.99	-361.11	-359.69	46.56	-24.12	-3236.56	-1.247e+04	-3470.48	-1.224e+04	-1451.16
219	120	260	37.98	-10.88	-202.15	-199.94	-13.09	20.46	4115.91	-6739.98	2826.03	-5450.10	3512.69
		265	34.97	-4.80	-166.98	-166.61	-5.17	-7.76	-6077.61	-1.048e+04	-6127.94	-1.043e+04	-467.96
		264	59.98	22.77	-225.93	-220.78	17.62	-35.44	-7166.71	-1.813e+04	-7679.03	-1.762e+04	-2313.67
		259	36.68	35.44	-281.13	-280.93	35.24	-7.97	-2403.66	-9909.83	-2671.18	-9642.31	-1391.57
219	152	260	37.95	-10.67	-206.13	-203.73	-13.08	21.54	4100.30	-6718.84	2872.19	-5490.73	3432.04
		265	34.98	-4.89	-170.70	-170.43	-5.16	-6.67	-5997.22	-1.049e+04	-6070.19	-1.042e+04	-568.08
		264	60.14	22.90	-226.76	-221.94	18.08	-34.35	-7113.31	-1.816e+04	-7660.33	-1.762e+04	-2396.79
		259	37.01	36.02	-282.20	-282.06	35.87	-6.88	-2373.70	-9980.29	-2663.10	-9690.89	-1455.19
220	2	302	77.09	-50.99	-260.63	-189.73	-121.90	-99.18	2.140e+04	6598.15	1.539e+04	1.261e+04	7268.68
		262	27.90	75.21	37.78	63.80	49.19	-17.23	-6120.05	-7723.33	-7708.88	-6134.49	-151.49
		265	40.47	-4.50	-342.66	-338.66	-8.50	-36.56	-6563.91	-1.188e+04	-7138.19	-1.130e+04	1649.37
		260	48.59	8.12	-105.71	-91.49	-6.10	37.63	2967.24	-1.105e+04	2298.25	-1.038e+04	2988.25
220	117	302	56.86	-30.92	-171.32	-110.98	-91.26	-69.50	1.568e+04	4001.71	1.060e+04	9076.63	5788.58
		262	22.66	53.49	34.19	53.22	34.46	-2.27	-4488.26	-6458.28	-6284.10	-4662.45	559.29
		265	32.93	-6.94	-233.95	-232.59	-8.30	-17.52	-4843.10	-9734.08	-5810.03	-8767.16	1947.88
		260	38.23	13.21	-77.92	-55.88	-8.83	39.03	2000.32	-8962.63	1260.93	-8223.23	2749.41
220	149	302	56.75	-29.62	-167.84	-106.09	-91.37	-68.72	1.563e+04	3857.80	1.048e+04	9003.21	5838.40
		262	23.15	58.16	34.32	58.07	34.41	-1.48	-4455.30	-6614.88	-6396.05	-4674.13	651.69
		265	33.25	-7.40	-230.11	-228.85	-8.67	-16.73	-4800.45	-9833.62	-5865.52	-8768.55	2055.80
		260	38.58	14.78	-75.79	-52.09	-8.92	39.81	1966.26	-9056.24	1193.21	-8283.18	2814.85
221	88	263	64.06	17.10	-304.19	-237.63	-49.45	-130.21	-2454.16	-1.695e+04	-5816.02	-1.359e+04	-6117.56
		268	52.91	-76.61	-251.34	-225.39	-102.57	-62.14	-2610.31	-1.459e+04	-3710.42	-1.349e+04	-3458.99
		266	124.63	-109.58	-276.03	-251.40	-134.21	-59.10	3.592e+04	7214.00	7270.09	3.586e+04	-1267.75
		261	97.15	-21.85	-252.95	-199.17	-75.62	-97.65	2.788e+04	5047.07	5281.89	2.765e+04	-2303.58
221	120	263	48.43	13.35	-222.22	-172.92	-35.95	-95.83	-1525.96	-1.266e+04	-4373.12	-9816.69	-4858.50
		268	38.69	-62.70	-183.71	-164.66	-81.75	-44.07	-1707.74	-1.054e+04	-2708.45	-9535.42	-2798.79
		266	98.89	-82.09	-184.32	-165.66	-100.75	-39.49	2.847e+04	5720.43	5769.95	2.842e+04	-1060.17
		261	76.84	-7.97	-168.67	-124.24	-52.40	-71.88	2.210e+04	4005.74	4202.47	2.190e+04	-1876.33
221	152	263	48.27	12.64	-219.75	-170.85	-36.25	-94.72	-1444.65	-1.259e+04	-4350.47	-9683.24	-4892.83
		268	38.28	-63.68	-181.36	-162.72	-82.31	-42.96	-1639.26	-1.040e+04	-2677.18	-9358.77	-2830.59
		266	99.55	-81.69	-178.33	-159.36	-100.66	-38.38	2.865e+04	5757.20	5808.19	2.860e+04	-1079.19
		261	77.26	-6.62	-162.85	-117.81	-51.66	-70.77	2.224e+04	4032.02	4232.07	2.204e+04	-1897.84
222	2	264	76.88	18.45	-304.46	-278.41	-7.60	-87.93	-9088.77	-2.318e+04	-9749.34	-2.252e+04	-2978.69
		269	93.47	-47.07	-241.57	-217.14	-71.50	-64.46	-9390.16	-2.791e+04	-9574.40	-2.772e+04	-1837.72
		268	50.24	-59.93	-272.67	-240.02	-92.58	-76.68	-3383.82	-1.412e+04	-4079.04	-1.342e+04	-2642.10
		263	63.14	44.53	-315.72	-253.60	-17.58	-136.08	-2330.40	-1.663e+04	-6066.98	-1.289e+04	-6281.65
222	117	264	58.70	16.13	-221.23	-200.46	-4.64	-67.07	-7048.14	-1.777e+04	-7394.17	-1.743e+04	-1895.07
		269	72.56	-29.73	-173.76	-154.74	-48.74	-48.76	-7139.72	-2.170e+04	-7220.97	-2.162e+04	-1084.53
		268	38.71	-43.06	-210.17	-185.11	-68.12	-59.67	-2729.75	-1.097e+04	-3128.41	-1.057e+04	-1767.97
		263	47.11	28.15	-246.48	-199.14	-19.19	-103.73	-2032.73	-1.251e+04	-4596.53	-9942.21	-4503.15
222	149	264	58.66	17.28	-220.46	-198.57	-4.61	-68.74	-7057.86	-1.776e+04	-7382.64	-1.744e+04	-1836.24

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		269	72.72	-27.79	-173.12	-152.78	-48.14	-50.43	-7142.66	-2.175e+04	-7215.89	-2.167e+04	-1031.49
		268	38.82	-42.30	-213.18	-187.21	-68.26	-61.34	-2758.01	-1.101e+04	-3136.52	-1.063e+04	-1726.08
		263	46.98	28.60	-249.64	-201.32	-19.72	-105.41	-2077.35	-1.248e+04	-4596.12	-9958.40	-4455.40
223	2	265	45.21	-5.46	-254.62	-245.48	-14.60	-46.83	-7848.89	-1.351e+04	-8116.93	-1.324e+04	1202.18
		270	60.34	-41.73	-198.27	-186.10	-53.90	-41.91	-8632.05	-1.825e+04	-8715.74	-1.816e+04	893.06
		269	91.28	-34.33	-250.28	-228.17	-56.43	-65.45	-9373.15	-2.742e+04	-9461.77	-2.733e+04	-1261.39
		264	76.66	29.49	-275.18	-253.72	8.03	-77.96	-9063.06	-2.324e+04	-9755.00	-2.255e+04	-3054.60
223	109	265	34.85	-2.50	-170.91	-164.87	-8.54	-31.32	-5565.13	-1.058e+04	-5979.52	-1.017e+04	1380.88
		270	46.85	-29.51	-133.16	-125.07	-37.60	-27.82	-6187.31	-1.421e+04	-6311.02	-1.408e+04	988.38
		269	70.36	-27.86	-178.94	-164.72	-42.09	-44.13	-7090.57	-2.114e+04	-7123.90	-2.111e+04	-683.42
		264	57.96	17.39	-199.70	-185.30	3.00	-54.02	-7049.63	-1.764e+04	-7413.07	-1.727e+04	-1927.49
223	141	265	34.87	-1.90	-166.81	-160.40	-8.31	-31.89	-5489.02	-1.061e+04	-5937.07	-1.016e+04	1447.01
		270	46.90	-28.42	-129.34	-120.60	-37.16	-28.39	-6135.52	-1.423e+04	-6270.25	-1.409e+04	1035.52
		269	70.39	-27.64	-178.06	-163.33	-42.36	-44.70	-7086.92	-2.115e+04	-7116.00	-2.112e+04	-638.75
		264	57.86	17.57	-198.71	-183.92	2.78	-54.59	-7064.00	-1.761e+04	-7404.70	-1.727e+04	-1864.51
224	65	262	32.48	-24.47	-402.91	-360.46	-66.92	-119.43	2111.31	-5342.85	-5310.42	2078.88	490.59
		267	32.27	8.39	-74.97	-70.40	3.82	18.98	1269.44	-7436.23	-5224.94	-941.85	3789.58
		270	58.77	-26.88	-308.90	-294.47	-41.31	-62.15	-7642.15	-1.788e+04	-7988.85	-1.754e+04	1852.04
		265	48.18	-5.34	-98.95	-98.62	-5.66	-5.49	-8248.37	-1.468e+04	-8532.84	-1.440e+04	1322.34
224	121	262	22.02	-11.93	-268.09	-232.51	-47.51	-88.60	1936.46	-3568.06	-3421.35	1789.75	886.60
		267	24.75	18.55	-18.08	-4.60	5.07	17.66	1444.86	-5556.06	-3406.16	-705.04	3229.43
		270	45.80	-24.14	-213.09	-202.29	-34.94	-43.86	-5469.96	-1.389e+04	-5823.86	-1.353e+04	1689.16
		265	37.05	-3.17	-45.38	-45.38	-3.17	0.01	-5786.14	-1.136e+04	-6201.88	-1.094e+04	1463.79
224	153	262	21.48	-10.22	-258.49	-222.17	-46.54	-87.74	2011.93	-3477.53	-3292.66	1827.06	990.29
		267	24.85	23.98	-13.08	5.59	5.30	18.53	1544.77	-5533.97	-3284.12	-705.09	3296.10
		270	45.92	-24.75	-207.15	-196.38	-35.52	-42.99	-5386.22	-1.391e+04	-5760.74	-1.354e+04	1747.41
		265	37.10	-3.14	-39.34	-39.32	-3.16	0.87	-5668.83	-1.138e+04	-6132.15	-1.091e+04	1559.02
225	88	268	54.87	-57.40	-272.76	-223.38	-106.78	-90.53	-4952.86	-1.548e+04	-5978.82	-1.445e+04	-3121.66
		273	49.28	-101.58	-238.22	-224.08	-115.72	-41.62	-5116.94	-1.426e+04	-5265.55	-1.411e+04	-1155.95
		271	132.84	-99.13	-292.83	-266.49	-125.47	-66.40	3.826e+04	7355.61	7357.80	3.826e+04	-260.04
		266	125.26	-100.93	-278.75	-259.31	-120.38	-55.50	3.608e+04	6837.14	6891.41	3.603e+04	-1258.67
225	120	268	40.08	-46.93	-196.92	-159.63	-84.22	-64.83	-3550.38	-1.122e+04	-4486.82	-1.029e+04	-2511.31
		273	35.11	-82.44	-171.36	-161.15	-92.65	-28.35	-3762.22	-1.009e+04	-3917.74	-9933.34	-979.67
		271	105.51	-72.21	-188.87	-167.65	-93.43	-45.00	3.035e+04	5857.69	5860.38	3.035e+04	-256.77
		266	99.39	-70.89	-178.59	-161.71	-87.77	-39.16	2.860e+04	5439.14	5487.10	2.855e+04	-1052.77
225	152	268	39.65	-47.55	-194.10	-157.03	-84.62	-63.71	-3488.98	-1.108e+04	-4461.94	-1.011e+04	-2538.05
		273	34.53	-83.61	-168.51	-158.63	-93.50	-27.23	-3722.08	-9905.63	-3888.96	-9738.76	-1002.02
		271	106.24	-71.31	-181.14	-159.25	-93.20	-43.88	3.055e+04	5901.04	5904.00	3.054e+04	-270.20
		266	100.06	-69.83	-170.58	-153.24	-87.17	-38.03	2.878e+04	5477.58	5526.88	2.873e+04	-1070.66
226	2	269	92.62	-35.80	-262.94	-226.78	-71.96	-83.10	-1.075e+04	-2.781e+04	-1.088e+04	-2.768e+04	-1473.24
		274	98.17	-64.31	-231.50	-208.02	-87.78	-58.08	-9663.19	-2.925e+04	-9707.97	-2.921e+04	-935.56
		273	47.77	-78.48	-267.36	-244.22	-101.63	-61.94	-5263.95	-1.387e+04	-5395.37	-1.373e+04	-1055.11
		268	52.61	-42.67	-283.43	-238.90	-87.20	-93.48	-5172.88	-1.492e+04	-6213.54	-1.388e+04	-3010.19
226	117	269	71.86	-20.84	-187.16	-159.30	-48.70	-62.11	-8056.58	-2.161e+04	-8113.78	-2.156e+04	-878.75
		274	76.44	-40.95	-164.19	-145.79	-59.34	-43.92	-7202.29	-2.277e+04	-7223.60	-2.275e+04	-575.62
		273	37.38	-56.60	-206.71	-189.15	-74.16	-48.25	-4058.17	-1.091e+04	-4124.45	-1.084e+04	-670.37
		268	40.42	-32.86	-219.88	-187.78	-64.97	-70.52	-4106.40	-1.155e+04	-4740.89	-1.092e+04	-2078.54
226	149	269	72.01	-18.79	-186.12	-156.92	-48.00	-63.52	-8032.20	-2.166e+04	-8084.07	-2.161e+04	-839.14
		274	76.63	-38.85	-163.04	-143.39	-58.50	-45.32	-7175.96	-2.283e+04	-7195.17	-2.281e+04	-547.94
		273	37.57	-56.18	-210.05	-191.88	-74.35	-49.66	-4067.18	-1.096e+04	-4128.11	-1.090e+04	-645.34
		268	40.52	-32.53	-223.27	-190.53	-65.27	-71.93	-4134.04	-1.158e+04	-4743.52	-1.097e+04	-2041.65
227	2	270	60.35	-33.06	-246.75	-224.66	-55.14	-65.05	-8759.13	-1.825e+04	-8898.94	-1.811e+04	1143.65
		275	64.91	-49.59	-188.22	-177.19	-60.61	-37.51	-7812.76	-1.955e+04	-7813.92	-1.955e+04	116.93
		274	97.82	-48.72	-236.34	-212.84	-72.21	-62.09	-9748.28	-2.929e+04	-9762.68	-2.927e+04	-530.21
		269	92.19	-21.35	-240.40	-208.43	-53.32	-77.34	-1.088e+04	-2.781e+04	-1.101e+04	-2.768e+04	-1528.95
227	113	270	46.28	-20.65	-161.24	-144.79	-37.10	-45.18	-6200.18	-1.407e+04	-6367.60	-1.390e+04	1135.60
		275	49.86	-33.02	-122.13	-113.53	-41.61	-26.31	-5527.04	-1.500e+04	-5532.68	-1.500e+04	231.12
		274	75.50	-37.58	-167.76	-151.86	-53.49	-42.63	-7303.19	-2.258e+04	-7307.06	-2.258e+04	-243.13
		269	70.95	-17.78	-171.22	-149.40	-39.59	-53.58	-8196.47	-2.142e+04	-8261.23	-2.136e+04	-923.25
227	145	270	46.28	-18.97	-156.39	-138.97	-36.39	-45.72	-6132.78	-1.408e+04	-6310.44	-1.390e+04	1174.64
		275	49.88	-31.54	-117.20	-107.74	-41.00	-26.85	-5468.30	-1.500e+04	-5475.55	-1.499e+04	262.69
		274	75.55	-37.31	-166.67	-150.15	-53.83	-43.17	-7284.08	-2.259e+04	-7287.00	-2.259e+04	-211.41
		269	70.97	-17.31	-170.13	-147.67	-39.77	-54.12	-8181.91	-2.143e+04	-8241.17	-2.137e+04	-884.06
228	55	267	18.81	-12.98	-367.47	-326.84	-53.62	-112.93	342.41	-2921.66	-2853.90	274.64	465.42
		272	14.95	-12.10	-181.38	-167.58	-25.90	46.32	1378.27	-2201.23	-745.57	-77.38	1758.29
		275	67.40	-39.81	-242.63	-217.72	-64.72	-66.57	-7786.56	-2.024e+04	-7792.46	-2.024e+04	-271.03
		270	63.51	-27.10	-138.29	-136.72	-28.67	-13.12	-8150.28	-1.936e+04	-8547.41	-1.896e+04	2071.72
228	121	267	10.59	1.57	-220.69	-185.28	-33.84	-81.34	365.56	-1724.85	-1587.16	227.87	518.53
		272	10.90	2.76	-75.68	-59.82	-13.10	31.50	1476.07	-1440.10	46.36	-10.40	1457.81
		275	51.91	-28.22	-154.76	-132.87	-50.12	-47.87	-5514.22	-1.553e+04	-5515.12	-1.553e+04	-94.62
		270	49.20	-17.65	-69.56	-67.25	-19.97	-10.71	-5754.21	-1.495e+04	-6104.12	-1.460e+04	1759.80
228	153	267	9.81	4.55	-208.58	-171.22	-32.81	-81.04	392.32	-1632.36	-1468.77	228.73	551.78
		272	11.00	6.83	-65.02	-45.82	-12.38	31.80	1565.49	-1399.97	166.54	-1.02	1480.36

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		275	51.97	-27.51	-148.38	-125.22	-50.67	-47.57	-5421.12	-1.553e+04	-5421.59	-1.553e+04	-69.03
		270	49.30	-17.59	-62.12	-59.54	-20.18	-10.41	-5652.13	-1.497e+04	-6012.37	-1.461e+04	1796.03
229	88	273	45.76	-78.99	-263.59	-232.15	-110.43	-69.39	-2712.44	-1.291e+04	-2761.50	-1.286e+04	-705.54
		279	44.77	-101.62	-242.20	-234.67	-109.14	-31.64	-2392.84	-1.264e+04	-2441.75	-1.259e+04	-706.11
		276	133.02	-111.36	-259.70	-251.38	-119.68	-34.14	3.844e+04	7763.18	7766.46	3.844e+04	-317.23
		271	130.00	-100.57	-274.93	-248.42	-127.07	-62.60	3.751e+04	7602.17	7603.02	3.751e+04	-159.41
229	120	273	32.23	-64.94	-187.91	-164.56	-88.29	-48.23	-1946.13	-9020.64	-1994.41	-8972.35	-582.49
		279	31.48	-82.44	-171.76	-167.27	-86.93	-19.52	-1703.93	-8825.42	-1748.69	-8780.66	-562.82
		276	105.57	-83.01	-158.52	-153.13	-88.40	-19.45	3.046e+04	6158.45	6161.57	3.046e+04	-275.43
		271	103.32	-70.15	-174.78	-150.70	-94.23	-44.04	2.976e+04	6040.59	6042.00	2.976e+04	-183.21
229	152	273	31.61	-65.94	-184.69	-161.59	-89.04	-47.01	-1914.35	-8829.43	-1965.95	-8777.84	-595.09
		279	30.84	-83.49	-168.45	-164.30	-87.64	-18.30	-1673.38	-8633.91	-1720.38	-8586.92	-570.01
		276	106.30	-82.54	-149.36	-143.95	-87.95	-18.23	3.066e+04	6199.96	6203.25	3.065e+04	-283.42
		271	104.05	-68.66	-166.68	-141.52	-93.82	-42.82	2.996e+04	6082.24	6083.85	2.996e+04	-196.08
230	2	274	98.33	-49.79	-249.12	-211.29	-87.62	-78.16	-7784.71	-2.894e+04	-7803.28	-2.892e+04	-626.45
		280	102.71	-70.48	-213.26	-201.28	-82.46	-39.58	-6081.02	-2.978e+04	-6081.05	-2.978e+04	22.59
		279	45.05	-86.68	-258.91	-249.13	-96.46	-39.86	-2464.37	-1.289e+04	-2465.19	-1.288e+04	92.24
		273	47.02	-64.96	-278.34	-242.40	-100.90	-79.86	-2822.30	-1.323e+04	-3018.54	-1.303e+04	-1415.63
230	117	274	76.71	-28.63	-175.88	-145.88	-58.63	-59.31	-5807.64	-2.256e+04	-5817.58	-2.255e+04	-407.90
		280	80.01	-45.99	-149.58	-138.83	-56.74	-31.60	-4567.95	-2.317e+04	-4567.96	-2.317e+04	13.52
		279	35.46	-63.84	-202.10	-193.66	-72.27	-33.09	-1887.60	-1.015e+04	-1888.72	-1.015e+04	96.08
		273	36.86	-48.05	-216.36	-190.55	-73.87	-60.65	-2169.03	-1.042e+04	-2291.29	-1.030e+04	-996.96
230	149	274	76.92	-26.25	-174.53	-143.08	-57.70	-60.62	-5791.80	-2.261e+04	-5801.00	-2.261e+04	-393.16
		280	80.24	-44.20	-147.84	-136.05	-55.99	-32.91	-4551.30	-2.322e+04	-4551.32	-2.322e+04	19.67
		279	35.68	-63.84	-205.76	-196.87	-72.73	-34.40	-1890.56	-1.022e+04	-1891.82	-1.021e+04	102.55
		273	37.06	-47.85	-220.05	-193.73	-74.16	-61.96	-2176.86	-1.048e+04	-2294.57	-1.036e+04	-981.64
231	2	275	64.34	-35.78	-217.88	-191.23	-62.44	-64.37	-6897.72	-1.931e+04	-6910.73	-1.930e+04	401.69
		212	68.76	-45.97	-155.44	-151.80	-49.61	-19.63	-4624.71	-2.018e+04	-4679.72	-2.012e+04	923.35
		280	102.48	-53.75	-210.59	-198.09	-66.26	-42.48	-6081.60	-2.982e+04	-6089.64	-2.981e+04	436.77
		274	97.16	-35.64	-239.39	-205.06	-69.97	-76.26	-7724.27	-2.869e+04	-7757.71	-2.866e+04	-836.72
231	114	275	49.27	-35.30	-207.19	-193.51	-48.98	-46.53	-5330.91	-1.480e+04	-5333.03	-1.480e+04	141.85
		212	53.06	-38.29	-169.04	-167.41	-39.92	-14.49	-3763.58	-1.554e+04	-3783.61	-1.552e+04	485.24
		280	78.91	-37.57	-170.51	-163.30	-44.78	-30.11	-4770.92	-2.293e+04	-4772.31	-2.293e+04	158.92
		274	74.26	-26.88	-189.28	-168.65	-47.51	-54.08	-5928.08	-2.199e+04	-5967.98	-2.195e+04	-799.53
231	146	275	49.25	-36.26	-214.96	-201.54	-49.67	-47.08	-5368.79	-1.480e+04	-5370.18	-1.480e+04	114.34
		212	53.07	-38.82	-177.07	-175.41	-40.48	-15.04	-3804.19	-1.554e+04	-3822.31	-1.553e+04	460.97
		280	78.93	-36.88	-172.92	-165.62	-44.18	-30.66	-4791.53	-2.293e+04	-4792.50	-2.293e+04	132.90
		274	74.22	-26.43	-191.66	-171.01	-47.08	-54.63	-5943.71	-2.198e+04	-5986.71	-2.194e+04	-829.29
232	2	272	30.37	-1.95	-227.42	-204.16	-25.21	-68.59	814.30	-6151.55	-5409.69	72.43	-2148.80
		277	30.09	3.38	-157.26	-123.29	-30.60	65.60	3849.03	-4434.14	-600.98	15.87	4130.08
		212	69.26	-26.36	-150.27	-139.93	-36.70	-34.26	-4859.00	-2.032e+04	-4969.45	-2.021e+04	1301.94
		275	62.22	-26.69	-201.64	-186.64	-41.70	-48.99	-6509.40	-1.879e+04	-6526.18	-1.877e+04	453.60
232	120	272	25.61	-13.21	-251.37	-241.19	-23.38	-48.16	646.74	-4891.23	-4264.02	19.53	-1755.02
		277	24.10	-11.85	-201.01	-186.85	-26.02	49.78	2745.37	-3695.69	-858.82	-91.50	3197.60
		212	53.65	-21.17	-166.46	-163.63	-23.99	-20.06	-3984.76	-1.567e+04	-4065.01	-1.559e+04	965.08
		275	48.18	-22.52	-199.67	-194.02	-28.17	-31.12	-5101.23	-1.449e+04	-5108.83	-1.449e+04	267.11
232	152	272	26.16	-14.76	-265.51	-256.05	-24.22	-47.78	639.17	-4961.58	-4338.93	16.52	-1760.58
		277	24.42	-13.28	-215.02	-201.66	-26.64	50.17	2716.44	-3763.83	-936.06	-111.33	3213.79
		212	53.73	-20.87	-175.03	-172.47	-23.42	-19.68	-4035.69	-1.569e+04	-4118.47	-1.561e+04	978.68
		275	48.19	-22.61	-208.15	-202.91	-27.85	-30.74	-5152.81	-1.449e+04	-5159.98	-1.448e+04	258.58
233	76	141	30.11	-33.46	-181.70	-86.71	-128.45	-71.12	-1182.64	-4404.29	-1183.22	-4403.71	-43.03
		314	25.31	-10.15	-146.92	-53.56	-103.51	-63.66	-1397.19	-3733.43	-1412.28	-3718.34	-187.18
		236	17.59	52.79	-177.13	-49.18	-75.17	-114.22	-788.09	-2640.79	-937.88	-2491.00	505.05
		131	19.32	-21.99	-144.01	-65.75	-100.25	-58.52	-673.76	-2688.19	-678.24	-2683.71	-94.91
233	124	141	24.51	-36.62	-132.48	-58.92	-110.18	-40.50	-1157.96	-3602.00	-1159.15	-3600.81	-54.05
		314	20.16	-14.79	-107.58	-32.42	-89.94	-36.41	-1314.55	-2994.67	-1318.36	-2990.85	-80.00
		236	13.84	18.59	-133.88	-44.76	-70.53	-75.14	-654.63	-2185.82	-818.55	-2021.90	473.41
		131	15.99	-38.81	-110.72	-58.42	-91.11	-32.03	-633.04	-2242.45	-634.04	-2241.46	-39.98
233	156	141	24.84	-38.52	-133.17	-57.22	-114.48	-37.68	-1208.86	-3643.72	-1210.27	-3642.30	-58.65
		314	20.34	-16.18	-108.48	-30.68	-93.98	-33.59	-1362.82	-3013.93	-1365.81	-3010.94	-70.21
		236	14.03	12.89	-134.60	-46.43	-75.28	-72.32	-665.33	-2208.59	-839.12	-2034.80	487.85
		131	16.30	-43.84	-112.44	-60.15	-96.13	-29.21	-657.45	-2277.61	-658.27	-2276.79	-36.30
234	76	158	18.95	-64.92	-217.06	-171.26	-110.71	-69.78	-244.16	-2539.20	-255.24	-2528.12	-159.02
		316	19.09	-76.89	-126.96	-112.97	-90.88	-22.47	-138.79	-2520.07	-760.26	-1898.60	-1045.79
		314	24.67	-11.55	-145.82	-67.73	-89.64	-66.23	-1460.52	-3714.31	-1470.35	-3704.48	-148.52
		141	29.58	-24.78	-164.75	-75.59	-113.94	-67.31	-1141.70	-4355.05	-1147.41	-4349.34	-135.29
234	120	158	16.52	-53.03	-132.36	-100.39	-84.99	-38.91	-530.86	-2339.95	-542.38	-2328.43	-143.90
		316	15.65	-52.77	-72.37	-55.62	-69.52	-6.91	-431.59	-2258.18	-915.60	-1774.17	-806.12
		314	20.52	-13.91	-97.98	-40.42	-71.47	-39.07	-1404.86	-3152.16	-1409.25	-3147.77	-87.47
		141	24.73	-24.07	-113.97	-47.57	-90.46	-39.51	-1166.89	-3718.41	-1171.86	-3713.44	-112.51
234	152	158	16.99	-53.73	-126.80	-93.80	-86.72	-36.36	-599.40	-2418.70	-611.73	-2406.38	-149.24
		316	15.90	-48.21	-72.07	-49.03	-71.25	-4.36	-496.75	-2324.10	-982.24	-1838.61	-807.13
		314	20.92	-15.40	-96.75	-38.16	-73.99	-36.52	-1461.31	-3214.16	-1465.42	-3210.06	-84.77

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		141	25.21	-25.19	-113.20	-45.30	-93.09	-36.95	-1225.57	-3794.38	-1230.71	-3789.24	-114.81
235	16	130	17.99	-9.99	-387.56	-295.38	-102.17	-162.20	1179.91	-439.72	772.67	-32.48	-702.66
		317	13.11	33.19	-182.15	-87.54	-61.41	106.88	664.62	-462.76	186.45	15.41	-557.16
		316	21.89	-76.78	-204.43	-190.99	-90.21	-39.17	94.18	-2747.58	-581.97	-2071.42	-1210.07
		158	17.69	-41.91	-151.05	-118.60	-74.36	-49.88	-219.19	-2503.95	-231.90	-2491.24	-169.94
235	118	130	13.69	-3.79	-254.41	-185.65	-72.56	-111.83	731.90	-554.27	362.73	-185.11	-581.83
		317	9.47	32.16	-98.94	-25.76	-41.02	65.11	423.22	-560.02	-64.93	-71.87	-491.61
		316	17.55	-54.10	-134.50	-121.91	-66.69	-29.22	-87.97	-2282.39	-691.42	-1678.94	-979.83
		158	14.50	-17.16	-99.25	-62.58	-53.83	-40.81	-417.90	-2099.01	-433.05	-2083.86	-158.86
235	150	130	13.83	-0.92	-248.17	-176.49	-72.60	-112.18	698.65	-598.41	318.12	-217.88	-590.56
		317	9.61	37.03	-94.78	-16.62	-41.14	64.75	407.49	-602.98	-107.26	-88.23	-505.15
		316	17.74	-53.68	-130.22	-116.24	-67.67	-29.57	-118.68	-2318.06	-740.18	-1696.56	-990.28
		158	14.73	-14.62	-96.98	-56.90	-54.69	-41.17	-467.67	-2134.65	-484.07	-2118.25	-164.53
236	67	228	81.18	-300.89	-601.99	-372.21	-530.67	-128.01	-6738.18	-3.304e+04	-6827.36	-3.295e+04	-1528.82
		408	68.26	-161.29	-659.70	-355.25	-465.74	243.00	-5137.97	-2.816e+04	-5503.76	-2.779e+04	-2878.75
		171	17.71	-328.36	-477.86	-329.38	-476.85	-12.28	-203.24	-4578.66	-588.86	-4193.04	1240.38
		227	27.00	-182.32	-634.61	-269.87	-547.06	178.70	-1614.51	-7738.54	-1617.86	-7735.18	143.37
236	94	228	62.40	-235.84	-477.78	-306.18	-407.44	-109.86	-5138.79	-2.540e+04	-5213.67	-2.532e+04	-1229.46
		408	52.44	-143.96	-500.13	-288.58	-355.51	174.91	-3915.72	-2.167e+04	-4199.12	-2.138e+04	-2225.02
		171	13.78	-264.21	-368.99	-270.67	-362.53	-25.20	-131.36	-3670.35	-367.52	-3434.19	883.16
		227	20.63	-165.99	-476.79	-226.41	-416.37	123.00	-1124.49	-6021.99	-1124.58	-6021.90	20.88
236	126	228	62.41	-235.84	-480.87	-309.56	-407.15	-112.38	-5133.77	-2.541e+04	-5209.73	-2.533e+04	-1238.64
		408	52.47	-148.26	-498.77	-292.03	-354.99	172.40	-3911.67	-2.169e+04	-4195.84	-2.141e+04	-2229.68
		171	13.78	-265.90	-370.02	-273.89	-362.03	-27.71	-118.37	-3680.58	-346.80	-3452.16	872.65
		227	20.59	-170.40	-474.90	-229.56	-415.74	120.48	-1101.49	-6024.83	-1101.50	-6024.83	6.03
237	2	350	45.80	-158.48	-292.80	-285.82	-165.46	29.83	1.277e+04	3553.24	3825.31	1.250e+04	-1560.05
		356	52.47	-109.25	-350.84	-287.96	-172.13	106.01	1.379e+04	2426.57	3565.56	1.265e+04	-3413.11
		228	116.44	-167.51	-316.84	-292.49	-191.86	55.17	-6636.47	-3.320e+04	-6691.58	-3.314e+04	-1208.61
		339	128.30	-167.91	-341.34	-311.64	-197.61	65.33	-7356.59	-3.665e+04	-7380.23	-3.662e+04	-831.76
237	119	350	32.19	-112.22	-195.48	-188.07	-119.63	23.71	8935.88	2554.62	2786.22	8704.29	-1193.41
		356	37.84	-72.55	-240.16	-187.23	-125.48	77.91	9858.80	1675.04	2628.00	8905.84	-2625.00
		228	92.48	-96.03	-180.09	-146.93	-129.18	41.08	-5305.93	-2.636e+04	-5347.40	-2.632e+04	-933.48
		339	101.85	-92.00	-198.00	-155.36	-134.63	51.97	-5871.40	-2.906e+04	-5886.90	-2.905e+04	-599.34
237	151	350	31.63	-112.00	-193.78	-185.27	-120.51	24.97	8753.93	2521.82	2760.58	8515.17	-1196.22
		356	37.43	-70.71	-239.47	-184.28	-125.90	79.17	9710.65	1630.42	2605.76	8735.31	-2632.43
		228	93.11	-90.44	-175.69	-137.94	-128.19	42.35	-5344.75	-2.654e+04	-5386.24	-2.649e+04	-936.83
		339	102.56	-86.88	-194.03	-146.52	-134.39	53.24	-5914.37	-2.926e+04	-5929.47	-2.924e+04	-593.47
238	2	372	89.48	-106.48	-269.18	-266.99	-108.67	18.75	2.671e+04	9949.08	9977.44	2.669e+04	-689.01
		367	85.52	-80.25	-337.42	-293.03	-124.65	97.19	2.483e+04	7416.49	7917.14	2.433e+04	-2909.97
		356	53.12	-104.40	-332.51	-282.07	-154.84	94.66	1.396e+04	2132.10	3642.37	1.245e+04	-3947.22
		350	43.56	-139.12	-292.61	-281.66	-150.07	39.50	1.231e+04	3991.65	4049.34	1.225e+04	-690.32
238	118	372	69.79	-71.17	-187.93	-187.47	-71.63	7.33	2.087e+04	7361.95	7385.39	2.085e+04	-562.29
		367	66.36	-59.93	-229.95	-204.49	-85.39	60.68	1.935e+04	5568.99	5890.22	1.903e+04	-2079.49
		356	40.95	-83.70	-239.61	-213.25	-110.07	58.45	1.097e+04	1775.69	2809.83	9940.52	-2905.78
		350	34.47	-100.14	-216.54	-212.44	-104.25	21.48	9836.10	3039.84	3087.91	9788.03	-569.55
238	150	372	69.96	-70.44	-185.89	-185.52	-70.81	6.51	2.092e+04	7321.39	7345.61	2.090e+04	-573.45
		367	66.52	-59.62	-227.62	-202.55	-84.69	59.86	1.940e+04	5536.58	5851.42	1.908e+04	-2065.31
		356	41.06	-84.95	-241.56	-216.27	-110.24	57.63	1.102e+04	1794.21	2811.66	1.000e+04	-2890.18
		350	34.66	-100.69	-219.16	-215.44	-104.41	20.66	9895.26	3040.60	3090.02	9845.84	-579.94
239	75	378	59.29	-62.29	-249.29	-249.20	-62.38	-4.00	1.770e+04	9309.02	9326.16	1.768e+04	378.89
		385	46.11	-43.28	-321.84	-305.68	-59.43	65.11	1.336e+04	7777.41	7777.43	1.336e+04	-10.83
		367	84.45	-64.39	-301.68	-269.92	-96.16	80.80	2.472e+04	7541.82	8175.32	2.409e+04	-3237.74
		372	87.64	-85.73	-265.76	-262.97	-88.51	22.21	2.630e+04	9761.80	9764.74	2.629e+04	-220.72
239	121	378	46.26	-49.73	-225.55	-225.22	-50.06	-7.61	1.369e+04	7620.63	7642.19	1.367e+04	361.04
		385	36.45	-40.25	-275.83	-267.18	-48.90	44.31	1.036e+04	6455.36	6456.94	1.036e+04	-78.45
		367	65.11	-52.18	-232.38	-212.82	-71.74	56.06	1.913e+04	6050.30	6581.93	1.860e+04	-2582.51
		372	67.44	-62.77	-208.57	-207.69	-63.65	11.31	2.030e+04	7799.02	7800.15	2.029e+04	-119.04
239	134	378	45.51	-37.53	-166.92	-163.95	-40.50	-19.38	1.365e+04	7156.56	7171.93	1.363e+04	315.49
		385	35.16	-33.04	-212.01	-205.88	-39.17	32.54	1.030e+04	5975.30	5977.49	1.030e+04	97.27
		367	64.93	-56.06	-209.08	-194.96	-70.18	44.29	1.907e+04	5768.65	6288.12	1.855e+04	-2577.12
		372	67.44	-63.89	-189.68	-189.68	-63.89	-0.46	2.026e+04	7510.72	7515.53	2.026e+04	-247.52
240	55	344	33.11	9.57	-226.61	-208.53	-8.52	-62.81	7072.13	-576.34	5353.56	1142.23	3192.33
		386	38.22	-26.59	-362.85	-329.53	-59.91	100.47	6704.15	-2431.54	6695.38	-2422.77	-282.95
		385	48.22	-41.98	-245.32	-242.71	-44.59	22.89	1.427e+04	8099.37	8105.42	1.426e+04	-193.02
		378	57.58	-44.89	-292.43	-290.61	-46.71	21.14	1.729e+04	8734.20	8908.98	1.712e+04	1210.43
240	117	344	28.11	1.64	-227.70	-219.01	-7.05	-43.79	5958.30	-272.00	4740.12	946.18	2470.96
		386	32.80	-32.40	-336.39	-317.38	-51.42	73.62	5679.42	-1858.12	5664.75	-1843.44	-332.26
		385	37.74	-30.90	-221.00	-219.14	-32.76	18.71	1.100e+04	6693.40	6712.32	1.099e+04	-284.97
		378	44.77	-29.47	-258.05	-256.84	-30.68	16.55	1.336e+04	7197.55	7343.19	1.321e+04	935.81
240	149	344	28.69	0.55	-239.99	-231.72	-7.72	-43.84	6060.65	-240.83	4861.20	958.62	2473.78
		386	33.47	-34.57	-348.54	-330.24	-52.88	73.56	5779.95	-1857.62	5763.88	-1841.55	-349.92
		385	37.88	-31.16	-227.78	-225.99	-32.95	18.66	1.101e+04	6783.13	6805.23	1.098e+04	-304.68
		378	44.88	-28.93	-264.69	-263.53	-30.09	16.50	1.336e+04	7289.58	7437.96	1.322e+04	937.81

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
241	2	215	49.93	101.36	-65.47	62.76	-26.87	-70.35	1.289e+04	-321.41	1535.34	1.104e+04	-4591.96
		4	20.10	221.73	-123.52	130.82	-32.62	152.05	2555.81	-2109.36	1398.56	-952.11	-2014.83
		323	79.11	-188.24	-457.24	-450.17	-195.31	-43.03	2.030e+04	3786.01	1.999e+04	4091.69	-2225.65
		165	73.55	72.29	-316.34	-290.40	46.34	97.00	-1793.92	-1.997e+04	-1.157e+04	-1.019e+04	-9061.13
241	95	215	39.04	75.30	-53.17	47.49	-25.36	-52.92	1.017e+04	-154.67	1261.12	8753.60	-3551.36
		4	15.97	179.42	-105.33	101.10	-27.00	127.16	1965.50	-1624.10	1041.06	-699.66	-1569.65
		323	60.53	-151.82	-348.26	-342.98	-157.10	-31.78	1.555e+04	2856.54	1.528e+04	3120.72	-1811.96
		165	56.68	50.41	-246.17	-225.13	29.38	76.13	-1240.40	-1.532e+04	-8836.72	-7728.37	-7020.30
241	127	215	39.08	74.40	-51.21	48.48	-25.29	-50.83	1.020e+04	-155.49	1267.85	8773.54	-3564.98
		4	16.12	181.82	-107.23	101.98	-27.40	129.24	1979.29	-1630.72	1044.48	-695.91	-1581.39
		323	60.58	-153.06	-347.69	-343.05	-157.70	-29.70	1.556e+04	2855.64	1.529e+04	3124.84	-1829.67
		165	56.84	51.37	-247.23	-225.11	29.25	78.21	-1204.73	-1.533e+04	-8826.20	-7707.57	-7039.97
242	2	165	63.45	57.74	-296.07	-295.19	56.86	-17.60	-3069.60	-1.710e+04	-1.167e+04	-8503.00	-6836.17
		323	86.21	-40.03	-544.04	-396.25	-187.82	229.45	2.199e+04	3673.09	2.189e+04	3770.97	-1335.37
		322	110.65	-213.28	-437.69	-436.93	-214.03	-13.02	2.950e+04	5699.09	2.950e+04	5703.54	325.44
		242	47.65	88.55	-497.62	-429.96	20.89	187.31	-8452.87	-1.208e+04	-1.171e+04	-8823.92	-1099.91
242	112	165	49.27	57.00	-233.61	-227.64	51.03	-41.22	-2437.92	-1.307e+04	-8993.77	-6515.29	-5170.17
		323	65.52	-56.46	-396.59	-307.72	-145.32	149.43	1.675e+04	2803.70	1.669e+04	2868.49	-948.41
		322	84.77	-159.04	-345.42	-337.65	-166.81	-37.26	2.257e+04	4344.55	2.256e+04	4350.86	338.95
		242	36.35	62.47	-361.99	-325.83	26.31	118.50	-6560.68	-9197.35	-8953.66	-6804.37	-763.63
242	144	165	49.34	60.36	-234.93	-227.89	53.32	-45.04	-2447.36	-1.306e+04	-8994.04	-6511.94	-5158.44
		323	65.49	-59.50	-393.52	-308.30	-144.72	145.61	1.675e+04	2806.80	1.669e+04	2869.32	-931.50
		322	84.81	-156.82	-347.25	-337.93	-166.13	-41.08	2.257e+04	4346.75	2.257e+04	4353.66	355.07
		242	36.32	62.53	-359.60	-325.72	28.66	114.68	-6561.45	-9183.93	-8946.35	-6799.03	-752.73
243	2	242	49.91	72.18	-403.48	-389.24	57.95	81.05	-9973.51	-1.258e+04	-1.257e+04	-9978.53	-114.28
		322	113.13	-91.81	-610.92	-492.90	-209.83	217.57	2.985e+04	5986.45	2.984e+04	5995.12	454.87
		21	78.82	-97.96	-241.58	-241.58	-97.96	0.16	2.101e+04	2983.18	2.073e+04	3260.50	2218.52
		229	43.57	71.47	-449.44	-355.13	-22.85	200.58	-13.58	-8857.73	-4337.56	-4533.75	4420.98
243	96	242	38.23	53.73	-305.78	-297.41	45.36	54.21	-7758.27	-9628.82	-9622.37	-7764.73	-109.74
		322	86.63	-82.81	-464.16	-380.98	-165.99	157.48	2.285e+04	4578.95	2.284e+04	4585.33	341.44
		21	60.30	-77.13	-187.44	-187.02	-77.54	-6.77	1.604e+04	2263.41	1.581e+04	2492.30	1761.10
		229	33.16	55.16	-337.63	-267.27	-15.21	150.62	71.79	-6771.97	-3137.39	-3562.79	3415.27
243	128	242	38.21	54.12	-305.98	-297.72	45.86	53.91	-7765.45	-9620.17	-9612.29	-7773.33	-120.63
		322	86.68	-82.92	-464.14	-381.36	-165.71	157.18	2.286e+04	4584.11	2.285e+04	4590.37	338.12
		21	60.41	-76.83	-187.97	-187.52	-77.28	-7.08	1.607e+04	2271.88	1.584e+04	2500.57	1761.67
		229	33.08	55.24	-337.63	-267.65	-14.74	150.32	76.76	-6756.26	-3111.25	-3568.26	3408.86
244	2	229	55.66	104.41	-337.52	-282.92	49.80	145.43	316.28	-1.321e+04	-4470.50	-8420.82	6467.04
		21	75.76	-69.78	-464.82	-408.84	-125.76	137.77	1.976e+04	4070.79	1.945e+04	4379.94	2180.57
		222	34.33	280.78	43.68	280.73	43.74	-3.64	5275.91	-4096.34	3505.04	-2325.47	3668.93
		219	38.37	-56.35	-219.42	-184.10	-91.67	67.17	1.099e+04	4221.75	9703.88	5511.07	2658.61
244	104	229	42.93	80.65	-251.25	-210.61	40.01	108.79	457.41	-1.015e+04	-3209.30	-6479.31	5043.30
		21	57.94	-59.36	-358.70	-319.41	-98.66	101.09	1.506e+04	3051.25	1.480e+04	3310.23	1744.59
		222	26.12	217.40	35.29	217.30	35.39	-4.28	3881.89	-3306.48	2448.70	-1873.29	2871.98
		219	30.70	-40.11	-169.83	-139.94	-70.01	54.63	8836.49	3495.46	7881.17	4450.78	2046.89
244	136	229	42.88	80.92	-251.74	-211.30	40.47	108.71	479.03	-1.013e+04	-3180.27	-6466.04	5041.24
		21	58.06	-59.33	-359.29	-320.18	-98.44	101.00	1.509e+04	3050.39	1.483e+04	3309.67	1747.64
		222	26.17	216.08	35.36	215.98	35.47	-4.37	3906.88	-3298.28	2481.47	-1872.87	2870.28
		219	30.82	-40.18	-170.65	-141.20	-69.62	54.54	8863.79	3517.85	7916.30	4465.33	2041.44
245	65	176	17.01	252.04	-54.59	1.50	195.95	118.54	741.87	-213.33	187.37	341.17	-471.37
		342	9.33	29.00	-24.39	21.03	-16.42	-19.02	-118.16	-876.84	-340.88	-654.13	-345.49
		451	16.24	88.34	5.71	82.51	11.53	21.15	1691.36	205.84	755.57	1141.63	-717.24
		380	17.90	287.10	26.31	27.37	286.04	16.57	264.20	-870.51	-802.36	196.05	-269.60
245	113	176	13.35	187.19	-31.42	0.50	155.27	77.20	549.84	-287.47	101.38	161.00	-417.59
		342	8.86	27.04	-35.10	12.72	-20.78	-26.17	-38.37	-748.80	-330.79	-456.38	-349.62
		451	13.09	64.90	0.67	64.81	0.76	2.42	1344.51	47.34	454.00	937.85	-601.78
		380	14.17	228.77	27.47	27.48	228.76	1.59	105.91	-807.25	-748.20	46.86	-224.58
245	145	176	13.42	187.47	-28.78	0.78	157.91	74.29	544.67	-314.59	88.97	141.11	-428.84
		342	9.26	28.93	-38.44	12.25	-21.76	-29.08	-19.83	-762.51	-338.90	-443.45	-367.64
		451	13.17	65.40	-7.81e-03	65.40	-4.16e-03	-0.49	1352.21	27.22	431.57	947.87	-610.13
		380	14.31	231.62	28.79	28.80	231.61	-1.32	83.32	-836.34	-777.33	24.31	-225.36
246	65	342	7.10	30.82	-8.74	3.21	18.87	-18.16	-8.47	-706.33	-111.39	-603.41	-247.45
		401	7.70	14.75	-13.15	-6.51	8.12	11.88	-20.23	-789.39	-47.80	-761.82	142.97
		455	10.75	73.22	0.12	70.87	2.48	12.91	1078.36	416.96	679.33	815.99	323.56
		451	12.06	75.19	21.74	71.10	25.83	-14.20	1122.05	109.47	489.98	741.54	-490.42
246	111	342	6.07	21.81	-14.13	0.71	6.96	-17.70	146.66	-462.28	44.65	-360.27	-227.40
		401	5.77	0.93	-9.90	-6.48	-2.49	5.03	127.41	-516.82	96.15	-485.55	138.43
		455	10.03	60.33	-4.06	59.94	-3.67	4.97	1042.46	478.28	753.35	767.38	282.01
		451	11.20	64.16	10.55	60.26	14.46	-13.93	1085.24	237.21	609.76	712.69	-420.88
246	143	342	6.22	22.25	-15.40	0.55	6.30	-18.60	180.86	-443.33	73.12	-335.60	-235.88
		401	5.75	-0.45	-9.41	-6.66	-3.19	4.13	158.40	-495.03	124.64	-461.27	144.64
		455	10.43	61.54	-4.31	61.29	-4.06	4.06	1087.48	510.81	802.25	796.04	288.32
		451	11.64	65.87	9.86	61.62	14.11	-14.83	1131.61	268.56	658.56	741.61	-429.52
247	2	195	59.89	-42.99	-297.25	-291.62	-48.62	-37.42	1.811e+04	8284.03	8436.90	1.796e+04	-1216.13

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		391	57.63	-8.08	-175.86	-169.80	-14.14	31.31	1.735e+04	8694.71	9700.42	1.634e+04	-2773.55
		387	28.66	-21.27	-387.78	-352.51	-56.53	-108.08	4522.46	-2714.51	3943.50	-2135.54	-1963.35
		185	27.09	-7.41	-230.26	-223.34	-14.33	38.66	5574.23	-790.65	3718.73	1064.85	-2892.60
247	101	195	46.19	-31.32	-238.01	-234.69	-34.63	-25.98	1.396e+04	6553.01	6661.03	1.385e+04	-887.99
		391	44.53	-5.06	-146.62	-141.55	-10.13	26.31	1.338e+04	6922.97	7630.67	1.267e+04	-2017.40
		387	23.02	-19.79	-314.17	-289.60	-44.36	-81.42	3693.60	-1894.04	3319.74	-1520.18	-1396.14
		185	21.57	-7.27	-200.46	-195.84	-11.89	29.52	4472.74	-387.61	3154.25	930.88	-2161.00
247	133	195	46.25	-31.07	-240.41	-237.14	-34.34	-25.96	1.398e+04	6591.41	6697.91	1.387e+04	-880.38
		391	44.60	-5.12	-149.03	-144.04	-10.12	26.33	1.339e+04	6970.52	7668.85	1.270e+04	-1999.63
		387	23.24	-20.49	-318.46	-294.25	-44.70	-81.40	3739.89	-1855.57	3377.96	-1493.64	-1376.29
		185	21.74	-7.45	-204.97	-200.45	-11.96	29.54	4511.10	-349.05	3211.16	950.89	-2151.30
248	2	194	91.37	-58.09	-244.71	-243.33	-59.47	-16.00	2.766e+04	1.075e+04	1.079e+04	2.762e+04	821.20
		394	80.22	-5.28	-261.50	-257.28	-9.50	-32.59	2.450e+04	1.128e+04	1.163e+04	2.415e+04	2131.03
		391	52.18	-18.84	-270.77	-270.23	-19.38	-11.65	1.558e+04	8290.08	9214.60	1.466e+04	-2426.06
		195	61.18	-57.66	-239.71	-239.66	-57.71	-3.09	1.840e+04	8914.49	8987.80	1.833e+04	-830.78
248	102	194	70.59	-40.97	-187.57	-186.77	-41.77	-10.82	2.140e+04	8346.51	8382.33	2.136e+04	682.79
		394	62.10	-2.47	-200.06	-197.24	-5.29	-23.44	1.898e+04	8717.45	9015.42	1.868e+04	1723.06
		391	40.60	-14.81	-219.03	-218.72	-15.12	-7.97	1.208e+04	6581.99	7230.53	1.144e+04	-1774.17
		195	47.59	-44.28	-196.95	-196.93	-44.30	-1.76	1.430e+04	7020.17	7068.40	1.426e+04	-590.77
248	134	194	70.70	-40.67	-188.16	-187.31	-41.52	-11.14	2.143e+04	8368.83	8405.74	2.140e+04	693.41
		394	62.22	-2.00	-200.63	-197.75	-4.89	-23.75	1.902e+04	8734.58	9037.81	1.871e+04	1739.41
		391	40.71	-14.64	-221.66	-221.32	-14.98	-8.29	1.211e+04	6626.79	7266.41	1.147e+04	-1760.09
		195	47.72	-44.28	-199.59	-199.57	-44.31	-2.08	1.434e+04	7058.65	7105.52	1.430e+04	-582.38
249	88	279	46.07	-86.88	-253.66	-230.65	-109.89	-57.51	-3510.53	-1.323e+04	-3514.27	-1.323e+04	-190.74
		223	45.61	-105.14	-237.42	-236.09	-106.48	-13.23	-2618.38	-1.298e+04	-2630.22	-1.297e+04	-350.11
		213	135.14	-123.56	-265.45	-261.88	-127.13	-22.23	3.899e+04	7758.79	7758.80	3.899e+04	15.40
		276	134.14	-110.94	-271.08	-260.12	-121.90	-40.44	3.869e+04	7580.74	7582.55	3.869e+04	-237.41
249	118	279	32.88	-64.35	-182.64	-160.96	-86.04	-45.77	-2556.75	-9390.32	-2561.37	-9385.70	-177.74
		223	32.29	-81.06	-167.42	-165.66	-82.82	-12.20	-1879.92	-9144.35	-1886.90	-9137.37	-225.05
		213	106.93	-87.17	-157.43	-152.97	-91.63	-17.13	3.080e+04	6143.83	6143.83	3.080e+04	2.66
		276	106.03	-73.45	-166.21	-151.75	-87.92	-33.65	3.054e+04	5996.98	5998.62	3.053e+04	-200.70
249	150	279	32.34	-63.89	-180.04	-157.45	-86.49	-45.98	-2525.27	-9219.25	-2530.51	-9214.01	-187.13
		223	31.68	-81.18	-164.00	-162.10	-83.08	-12.41	-1850.26	-8961.32	-1857.07	-8954.51	-219.95
		213	107.62	-85.36	-147.30	-141.99	-90.67	-17.34	3.099e+04	6183.70	6183.70	3.099e+04	-0.36
		276	106.68	-70.74	-157.18	-140.82	-87.09	-33.86	3.071e+04	6034.07	6035.77	3.071e+04	-204.75
250	2	280	102.26	-56.07	-226.88	-201.76	-81.20	-60.50	-6997.32	-2.993e+04	-7002.52	-2.993e+04	345.07
		224	104.70	-67.10	-201.16	-196.87	-71.39	-23.59	-5905.94	-3.034e+04	-5909.50	-3.034e+04	-294.81
		223	45.85	-89.10	-257.09	-254.06	-92.13	-22.37	-2716.78	-1.321e+04	-2717.89	-1.321e+04	108.25
		279	46.11	-73.64	-270.03	-248.76	-94.91	-61.03	-3523.01	-1.331e+04	-3562.75	-1.327e+04	-622.49
250	119	280	79.50	-39.23	-153.83	-136.48	-56.58	-41.08	-5375.69	-2.326e+04	-5380.77	-2.326e+04	301.26
		224	81.35	-49.15	-135.68	-133.27	-51.56	-14.23	-4598.85	-2.356e+04	-4602.81	-2.356e+04	-274.05
		223	36.01	-71.20	-201.23	-199.67	-72.77	-14.19	-2119.58	-1.037e+04	-2119.82	-1.036e+04	44.80
		279	36.07	-60.18	-209.15	-196.60	-72.73	-41.38	-2734.75	-1.044e+04	-2757.60	-1.042e+04	-419.04
250	151	280	79.71	-38.24	-150.94	-133.25	-55.93	-40.99	-5376.83	-2.332e+04	-5382.35	-2.331e+04	314.69
		224	81.57	-48.66	-132.55	-130.09	-51.12	-14.14	-4600.74	-2.362e+04	-4604.91	-2.362e+04	-281.72
		223	36.21	-72.09	-205.01	-203.50	-73.60	-14.10	-2127.55	-1.042e+04	-2127.72	-1.042e+04	37.83
		279	36.26	-61.13	-212.62	-200.37	-73.37	-41.29	-2744.48	-1.050e+04	-2765.90	-1.048e+04	-406.98
251	2	212	70.08	-36.22	-162.24	-146.01	-52.45	-42.21	-4697.37	-2.056e+04	-4814.06	-2.044e+04	1355.39
		225	74.27	-35.95	-121.92	-119.41	-38.46	-14.46	-2930.71	-2.104e+04	-2931.67	-2.104e+04	-131.82
		224	104.82	-50.00	-198.35	-194.34	-54.01	-24.05	-5938.21	-3.034e+04	-5939.16	-3.034e+04	151.97
		280	102.01	-38.77	-223.03	-199.40	-62.40	-61.61	-7052.75	-2.998e+04	-7053.00	-2.998e+04	-75.31
251	120	212	54.21	-39.35	-175.67	-171.14	-43.87	-24.42	-3688.04	-1.582e+04	-3777.93	-1.573e+04	1040.52
		225	57.24	-32.79	-153.32	-153.19	-32.92	-3.92	-2511.52	-1.617e+04	-2511.53	-1.617e+04	-11.37
		224	80.62	-35.77	-163.40	-162.51	-36.66	-10.61	-4674.02	-2.331e+04	-4676.44	-2.331e+04	212.40
		280	78.45	-32.74	-177.04	-166.60	-43.17	-37.37	-5470.49	-2.304e+04	-5470.49	-2.304e+04	-6.57
251	152	212	54.25	-40.87	-184.66	-180.72	-44.81	-23.48	-3699.58	-1.582e+04	-3792.64	-1.573e+04	1058.05
		225	57.33	-33.41	-162.78	-162.71	-33.47	-2.98	-2527.87	-1.618e+04	-2527.87	-1.618e+04	7.84
		224	80.66	-35.17	-166.00	-165.28	-35.89	-9.68	-4686.58	-2.331e+04	-4689.40	-2.331e+04	229.53
		280	78.45	-33.00	-179.17	-169.44	-42.73	-36.44	-5481.84	-2.304e+04	-5481.85	-2.304e+04	9.04
252	2	277	8.80	1.29	-84.04	-63.91	-18.84	-36.23	1016.91	-1133.74	-223.59	106.76	-1062.57
		221	24.57	6.83	-109.44	-67.93	-34.69	55.71	4915.27	-1999.24	3263.52	-347.49	2948.35
		225	75.32	-20.43	-96.44	-90.63	-26.24	-20.20	-2777.57	-2.127e+04	-2786.61	-2.126e+04	-408.55
		212	72.17	-27.92	-175.50	-168.15	-35.27	-32.09	-4434.43	-2.087e+04	-4688.14	-2.061e+04	2026.06
252	122	277	7.89	-12.89	-161.59	-155.84	-18.64	-28.67	821.50	-877.57	-95.11	39.04	-846.88
		221	17.13	-16.23	-170.12	-157.68	-28.67	41.94	3327.22	-1686.99	1945.91	-305.68	2240.13
		225	58.18	-15.71	-138.02	-136.63	-17.11	-13.00	-2412.97	-1.633e+04	-2418.40	-1.632e+04	-274.78
		212	55.94	-20.61	-190.08	-187.40	-23.28	-21.12	-3543.75	-1.606e+04	-3725.00	-1.588e+04	1495.28
252	154	277	8.04	-14.09	-177.29	-172.10	-19.28	-28.63	799.41	-868.64	-106.48	37.25	-830.93
		221	17.45	-17.98	-185.24	-173.93	-29.29	41.99	3324.77	-1714.53	1931.64	-321.39	2253.80
		225	58.34	-15.21	-147.92	-146.65	-16.49	-12.95	-2433.68	-1.635e+04	-2438.69	-1.634e+04	-264.11
		212	56.04	-20.22	-199.94	-197.44	-22.72	-21.07	-3557.96	-1.607e+04	-3742.47	-1.588e+04	1507.99
253	2	386	31.81	56.46	-81.32	-73.34	48.48	-32.19	9578.03	5775.95	7532.67	7821.31	-1895.55
		410	88.36	-80.74	-438.72	-379.99	-139.47	132.57	-7339.46	-2.403e+04	-1.464e+04	-1.673e+04	8277.65

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		404	48.44	-14.01	-296.71	-269.73	-40.99	83.06	1.126e+04	-1361.21	-1359.60	1.126e+04	142.50
		385	39.48	-60.51	-383.20	-367.83	-75.88	68.73	1.048e+04	7530.56	7546.31	1.047e+04	215.11
253	118	386	22.26	56.02	-31.57	-13.03	37.47	-35.78	6432.23	4333.84	4897.85	5868.23	-930.27
		410	69.91	-47.21	-273.32	-222.52	-98.02	94.37	-5271.80	-1.919e+04	-1.134e+04	-1.312e+04	6900.47
		404	35.54	-24.06	-183.63	-168.25	-39.44	47.08	8199.19	-1331.87	-1293.84	8161.15	600.89
		385	29.77	-46.03	-246.14	-236.89	-55.28	42.01	8271.80	5442.00	5528.57	8185.23	487.32
253	150	386	22.10	61.67	-21.08	1.51	39.08	-36.87	6337.40	4280.86	4759.69	5858.56	-869.17
		410	70.54	-44.81	-261.52	-208.28	-98.05	93.29	-5295.74	-1.940e+04	-1.149e+04	-1.320e+04	7001.17
		404	35.42	-25.29	-176.97	-161.43	-40.83	46.00	8136.40	-1425.48	-1376.95	8087.86	679.52
		385	29.63	-46.00	-238.89	-229.77	-55.12	40.93	8280.23	5364.76	5459.27	8185.73	516.33
254	2	385	52.37	-12.93	-263.02	-254.51	-21.44	45.34	1.552e+04	8048.31	8741.32	1.482e+04	-2166.87
		404	38.62	-70.59	-452.27	-373.27	-149.59	154.63	6230.46	-3199.46	-2231.55	5262.54	2861.91
		203	78.41	-59.50	-329.33	-251.51	-137.32	122.24	2.162e+04	4395.44	5889.69	2.013e+04	-4848.84
		367	82.71	-83.48	-349.52	-318.11	-114.88	85.84	2.427e+04	7971.98	8312.75	2.393e+04	-2332.14
254	117	385	41.11	-19.30	-228.72	-225.95	-22.07	23.93	1.208e+04	6550.29	7158.99	1.148e+04	-1731.56
		404	26.62	-63.33	-346.80	-304.66	-105.47	100.85	4664.76	-1662.68	-1079.25	4081.34	1830.63
		203	60.94	-50.15	-230.13	-189.53	-90.75	75.23	1.690e+04	3189.86	4560.59	1.553e+04	-4112.53
		367	63.88	-67.55	-253.90	-238.80	-82.65	50.85	1.880e+04	6085.05	6389.75	1.850e+04	-1944.88
254	149	385	41.32	-20.43	-234.19	-231.69	-22.92	22.96	1.212e+04	6599.32	7242.43	1.148e+04	-1771.39
		404	26.19	-64.18	-350.68	-310.11	-104.74	99.88	4628.02	-1543.36	-996.70	4081.36	1753.51
		203	61.14	-49.89	-229.57	-190.29	-89.16	74.26	1.695e+04	3140.30	4558.42	1.553e+04	-4191.47
		367	63.93	-67.98	-254.32	-239.84	-82.46	49.88	1.882e+04	6070.82	6388.43	1.850e+04	-1986.67
255	2	367	86.06	-87.65	-311.18	-284.57	-114.25	72.38	2.525e+04	8546.11	9247.88	2.455e+04	-3350.78
		203	79.69	-88.27	-388.72	-298.21	-178.77	137.84	2.139e+04	2881.93	3861.93	2.041e+04	-4145.16
		190	62.36	-104.23	-327.10	-258.88	-172.44	102.71	1.577e+04	648.25	2474.47	1.394e+04	-4927.59
		356	51.48	-117.51	-329.56	-288.21	-158.86	84.01	1.391e+04	3393.99	4638.36	1.267e+04	-3397.35
255	110	367	66.56	-56.19	-221.55	-199.71	-78.03	55.99	1.961e+04	6710.86	7173.64	1.915e+04	-2399.33
		203	61.12	-69.70	-292.17	-225.17	-136.70	102.06	1.649e+04	2365.96	3064.08	1.579e+04	-3061.83
		190	47.86	-80.31	-247.13	-194.83	-132.62	77.39	1.215e+04	564.90	1895.93	1.082e+04	-3693.83
		356	39.85	-81.74	-244.50	-212.55	-113.70	64.65	1.087e+04	2744.96	3599.99	1.002e+04	-2494.01
255	142	367	66.69	-53.90	-221.41	-197.99	-77.33	58.09	1.965e+04	6726.36	7181.37	1.920e+04	-2381.93
		203	61.17	-68.86	-295.31	-226.46	-137.70	104.17	1.650e+04	2376.37	3066.75	1.581e+04	-3045.04
		190	47.91	-79.91	-250.98	-197.02	-133.88	79.50	1.215e+04	572.75	1893.84	1.083e+04	-3680.70
		356	39.98	-80.66	-247.79	-214.49	-113.96	66.76	1.091e+04	2762.22	3605.00	1.006e+04	-2480.68
256	56	356	54.64	-144.75	-278.84	-258.35	-165.24	48.24	1.487e+04	3084.97	4662.80	1.329e+04	-4012.52
		190	60.70	-103.45	-331.57	-252.29	-182.74	108.63	1.532e+04	834.05	2457.01	1.370e+04	-4569.40
		408	98.84	-159.60	-258.99	-237.98	-180.61	40.58	-5478.85	-2.801e+04	-5599.65	-2.789e+04	-1645.35
		228	117.06	-113.57	-319.07	-252.47	-180.17	96.18	-6423.18	-3.333e+04	-6489.03	-3.327e+04	-1329.50
256	119	356	40.25	-104.40	-211.57	-187.40	-128.57	44.79	1.077e+04	2072.66	3439.82	9405.85	-3166.33
		190	45.18	-71.37	-253.62	-182.46	-142.52	88.91	1.117e+04	377.13	1751.60	9798.84	-3598.59
		408	78.50	-100.98	-180.66	-149.17	-132.47	38.95	-4368.63	-2.226e+04	-4467.06	-2.216e+04	-1323.17
		228	92.86	-68.66	-226.12	-162.37	-132.42	77.29	-5115.87	-2.644e+04	-5168.73	-2.639e+04	-1060.41
256	151	356	39.86	-103.19	-211.02	-185.26	-128.94	45.98	1.063e+04	2011.25	3408.83	9233.51	-3177.05
		190	44.84	-69.52	-253.59	-180.31	-142.80	90.10	1.104e+04	322.75	1723.31	9638.92	-3612.18
		408	79.09	-96.94	-177.91	-142.68	-132.17	40.14	-4403.53	-2.242e+04	-4502.89	-2.232e+04	-1334.19
		228	93.49	-64.51	-223.29	-155.89	-131.92	78.48	-5153.78	-2.662e+04	-5207.09	-2.656e+04	-1068.36
257	65	401	9.82	14.72	-34.44	9.61	-29.34	15.00	-199.25	-947.65	-367.46	-779.44	312.40
		425	15.00	218.33	-43.01	1.80	173.52	-98.50	675.81	-246.73	113.31	315.77	450.02
		465	16.65	262.62	22.22	25.83	259.01	-29.24	249.58	-932.65	-820.99	137.92	345.75
		455	14.70	83.80	-19.50	81.75	-17.45	-14.42	1586.61	360.67	847.32	1099.97	599.81
257	123	401	8.03	11.65	-29.04	8.59	-25.99	10.72	-138.81	-779.63	-358.37	-560.06	304.12
		425	12.07	180.28	-24.28	5.52	150.48	-72.17	454.73	-286.61	31.28	136.85	366.89
		465	13.24	221.88	24.45	27.01	219.32	-22.32	74.42	-828.76	-753.26	-1.08	249.98
		455	12.21	64.47	-19.13	63.59	-18.25	-8.52	1248.01	187.40	533.32	902.10	497.22
257	155	401	8.15	12.31	-29.19	9.08	-25.96	11.13	-127.83	-787.91	-367.59	-548.14	317.45
		425	12.23	184.70	-21.99	6.99	155.72	-71.76	439.85	-308.16	15.56	116.14	370.61
		465	13.39	227.04	26.11	28.53	224.62	-21.92	49.26	-854.82	-781.36	-24.20	247.01
		455	12.35	64.91	-19.02	64.12	-18.23	-8.12	1251.73	171.28	511.92	911.09	502.00
258	68	143	13.20	-80.37	-334.34	-110.57	-304.14	-82.20	604.56	-181.15	-152.20	575.60	-148.02
		304	5.68	92.11	3.43	5.72	89.83	14.05	-334.16	-817.43	-806.72	-344.87	-71.15
		305	8.41	79.25	-75.54	4.76	-1.05	-77.34	34.76	-877.98	-846.88	3.66	-165.59
		186	9.26	49.65	-174.88	48.86	-174.09	-13.28	613.81	-224.32	278.98	110.51	-410.52
258	105	143	9.86	-58.87	-262.16	-84.29	-236.74	-67.24	340.06	-264.12	-244.73	320.67	-106.48
		304	3.85	71.09	10.09	10.73	70.46	6.20	-220.71	-509.29	-506.73	-223.27	-27.05
		305	6.10	67.81	-62.57	5.57	-0.33	-65.12	24.11	-620.17	-610.56	14.50	-78.07
		186	6.90	39.70	-135.10	38.76	-134.16	-12.79	348.07	-173.55	154.40	20.13	-252.02
258	137	143	9.95	-58.13	-265.01	-83.36	-239.79	-67.69	332.68	-282.50	-261.46	311.64	-111.80
		304	3.92	70.69	11.51	12.08	70.13	5.74	-223.24	-524.61	-522.04	-225.80	-27.70
		305	6.14	68.26	-63.06	5.99	-0.80	-65.58	22.46	-630.45	-621.22	13.23	-77.07
		186	7.01	39.60	-138.36	38.60	-137.37	-13.25	341.65	-186.41	143.04	12.20	-255.80
259	2	443	43.04	-206.75	-1132.38	-851.26	-487.87	-425.66	-247.21	-747.82	-590.53	-404.50	232.38
		380	18.83	481.99	89.92	92.84	479.07	33.72	54.77	-444.49	-364.80	-24.92	-182.85
		176	31.21	315.52	-427.47	-194.48	82.53	-344.71	138.88	-524.08	-30.52	-354.68	289.15

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		428	25.20	314.77	-291.09	221.31	-197.62	-218.84	376.24	-926.94	-668.03	117.33	-519.98
259	122	443	31.49	-117.14	-783.64	-577.20	-323.58	-308.18	-339.51	-1103.50	-874.88	-568.14	349.85
		380	14.99	333.02	87.46	87.51	332.96	-3.62	674.98	-138.02	534.59	2.37	-307.30
		176	22.68	222.62	-326.70	-149.09	45.01	-256.94	229.97	-274.03	185.11	-229.17	143.52
		428	18.62	240.50	-223.46	139.64	-122.59	-191.38	28.21	-763.94	-653.40	-82.33	-274.49
259	154	443	31.68	-110.37	-783.24	-574.82	-318.80	-311.13	-362.89	-1121.66	-894.55	-589.99	347.48
		380	14.68	328.92	87.91	88.09	328.74	-6.57	658.52	-141.21	518.41	-1.10	-304.01
		176	22.93	221.02	-333.19	-152.21	40.04	-259.90	226.66	-281.01	176.88	-231.23	150.98
		428	18.81	242.66	-223.08	138.11	-118.52	-194.33	9.46	-777.23	-665.11	-102.66	-275.01
260	35	71	32.46	-14.73	-187.21	-100.95	-101.00	-86.24	4902.92	1024.41	1025.48	4901.84	-64.51
		77	32.34	-4.61	-196.07	-96.37	-104.31	95.65	4742.36	927.42	937.58	4732.20	-196.58
		76	17.45	-61.86	-144.65	-68.88	-137.63	-23.07	-646.75	-2242.25	-708.89	-2180.11	-308.69
		69	17.72	-75.50	-152.32	-79.34	-148.47	16.75	-764.37	-2299.01	-765.26	-2298.12	-36.97
260	99	71	27.03	-39.15	-133.22	-87.73	-84.63	-47.01	4108.96	852.80	853.72	4108.03	-54.98
		77	26.96	0.20	-174.10	-85.06	-88.84	87.13	3932.97	770.62	779.21	3924.37	-164.61
		76	11.87	-57.05	-113.08	-57.05	-113.08	-0.05	-437.11	-1480.85	-512.90	-1405.06	-270.85
		69	11.81	-52.77	-130.99	-64.66	-119.10	28.09	-540.74	-1440.36	-544.50	-1436.59	-58.09
260	131	71	27.49	-45.58	-132.88	-90.34	-88.12	-43.64	4172.12	865.89	866.85	4171.16	-56.18
		77	27.44	0.34	-180.73	-87.82	-92.57	90.50	3987.91	781.43	790.26	3979.08	-168.04
		76	11.62	-57.74	-116.63	-57.93	-116.44	3.32	-424.05	-1435.42	-507.91	-1351.56	-278.89
		69	11.55	-51.49	-136.21	-65.48	-122.22	31.46	-532.65	-1379.52	-537.55	-1374.61	-64.25
261	86	74	16.72	-44.46	-222.06	-212.95	-53.57	-39.17	248.03	-1763.72	78.50	-1594.18	558.85
		87	24.31	-10.44	-236.45	-204.63	-42.26	-78.61	746.45	-2361.60	-34.15	-1581.00	1347.89
		86	21.23	19.76	-351.58	-336.85	5.03	-72.46	1635.51	-728.97	290.74	615.79	1171.02
		73	21.53	-63.12	-206.45	-194.35	-75.21	39.85	1841.69	-1495.09	1443.99	-1097.39	1081.14
261	120	74	14.70	-13.64	-200.11	-175.12	-38.64	-63.53	222.73	-1404.24	112.51	-1294.02	408.87
		87	20.81	14.28	-220.39	-172.75	-33.36	-94.39	599.02	-1832.45	29.86	-1263.29	1029.54
		86	18.57	27.82	-306.79	-280.92	1.95	-89.37	1266.22	-528.85	300.34	437.03	894.93
		73	19.07	-59.12	-178.69	-178.55	-59.26	-4.17	1481.39	-1196.71	1195.97	-911.29	826.39
261	152	74	15.07	-8.71	-207.23	-177.67	-38.26	-70.67	224.60	-1414.76	116.18	-1306.34	407.42
		87	21.25	19.43	-228.30	-175.40	-33.47	-101.52	601.09	-1839.79	34.35	-1273.06	1030.60
		86	19.08	30.74	-315.47	-286.07	1.34	-96.50	1270.05	-526.93	314.53	428.59	896.68
		73	19.53	-58.35	-184.62	-183.60	-59.37	-11.31	1491.72	-1204.67	1209.42	-922.37	825.53
262	88	75	21.84	-86.48	-145.95	-96.40	-136.04	-22.16	-1007.33	-3067.63	-1007.40	-3067.56	-12.10
		88	18.12	1.75	-115.23	-2.55	-110.93	-22.01	-757.68	-2537.06	-851.85	-2442.90	398.36
		87	23.22	-13.92	-287.97	-205.64	-96.25	-125.63	914.39	-1716.69	152.77	-955.06	1193.24
		74	15.85	-78.78	-185.47	-184.52	-79.73	-10.02	44.89	-2144.44	-63.41	-2036.14	474.74
262	120	75	17.74	-21.72	-154.02	-76.72	-99.02	-65.21	-846.01	-2481.66	-846.37	-2481.30	-24.25
		88	14.66	31.30	-120.41	-4.79	-84.32	-64.60	-655.65	-2139.21	-737.67	-2057.18	339.06
		87	21.04	27.63	-276.13	-171.75	-76.74	-144.26	695.82	-1435.21	154.21	-893.60	927.82
		74	14.55	-31.33	-182.87	-156.49	-57.72	-57.46	58.58	-1738.13	-7.47	-1672.07	338.11
262	152	75	18.02	-11.94	-164.12	-77.17	-98.89	-75.31	-858.23	-2507.50	-858.57	-2507.15	-24.00
		88	14.89	39.57	-129.57	-5.35	-84.65	-74.70	-668.33	-2178.17	-752.30	-2094.20	346.03
		87	21.69	35.73	-287.85	-174.53	-77.58	-154.36	688.81	-1461.92	153.20	-926.30	930.09
		74	14.99	-24.34	-193.02	-159.15	-58.20	-67.56	57.97	-1757.23	-5.82	-1693.44	334.24
263	76	76	16.32	-53.85	-136.79	-54.64	-136.00	8.06	-758.73	-2141.95	-810.92	-2089.76	-263.55
		312	12.84	-14.52	-115.35	-39.85	-90.02	43.74	-524.44	-1942.16	-803.29	-1663.32	-563.53
		88	16.94	-28.39	-138.58	-31.03	-135.94	-16.84	-740.40	-2238.35	-809.24	-2169.50	313.66
		75	22.59	-87.23	-142.13	-88.13	-141.23	-6.99	-1037.88	-3169.67	-1037.88	-3169.67	1.76
263	108	76	14.51	-38.10	-112.81	-43.54	-107.37	-19.41	-676.72	-1914.06	-729.72	-1861.06	-250.54
		312	11.67	-30.07	-73.82	-31.82	-72.07	8.56	-448.59	-1695.23	-706.64	-1437.19	-505.08
		88	13.92	-6.96	-122.51	-21.14	-108.32	-37.92	-743.21	-1880.83	-781.43	-1842.61	204.99
		75	19.09	-49.66	-128.19	-66.42	-111.42	-32.18	-972.16	-2710.56	-972.20	-2710.53	-7.66
263	140	76	15.00	-35.59	-118.17	-43.96	-109.80	-24.92	-696.13	-1970.21	-751.84	-1914.50	-260.54
		312	12.13	-31.94	-74.36	-32.16	-74.14	3.05	-457.78	-1738.27	-724.92	-1471.13	-520.29
		88	14.17	-3.06	-127.83	-20.66	-110.23	-43.43	-777.27	-1914.82	-812.89	-1879.19	198.14
		75	19.51	-45.26	-134.46	-66.02	-113.70	-37.69	-1007.45	-2766.65	-1007.50	-2766.60	-9.43
264	35	77	30.63	-49.12	-128.43	-97.54	-80.00	-38.67	4795.09	1115.37	1126.72	4783.73	-204.08
		282	32.50	1.00	-258.13	-102.48	-154.64	126.91	4143.50	414.20	501.79	4055.90	-564.80
		312	14.52	-30.00	-84.83	-32.27	-82.57	-10.92	-645.96	-2055.61	-908.75	-1792.82	-548.98
		76	17.97	-37.93	-190.85	-67.17	-161.61	60.13	-625.39	-2357.38	-732.50	-2250.27	-417.19
264	107	77	25.52	-55.43	-105.62	-87.45	-73.60	-24.12	3963.61	920.59	929.89	3954.31	-167.96
		282	26.33	-11.02	-210.77	-91.32	-130.47	97.94	3367.77	355.46	429.45	3293.78	-466.27
		312	11.04	-28.58	-75.19	-28.75	-75.02	-2.79	-417.90	-1541.72	-725.50	-1234.13	-501.07
		76	12.61	-32.74	-156.70	-55.11	-134.33	47.67	-430.36	-1612.08	-564.25	-1478.19	-374.56
264	139	77	25.95	-59.89	-108.61	-90.52	-77.98	-23.54	4016.24	932.56	942.06	4006.73	-170.94
		282	26.65	-13.98	-215.12	-94.36	-134.73	98.53	3400.19	361.22	437.19	3324.22	-474.45
		312	11.09	-29.41	-78.92	-29.50	-78.82	-2.21	-398.36	-1538.64	-730.68	-1206.33	-518.17
		76	12.44	-33.63	-160.51	-55.88	-138.26	48.25	-416.66	-1576.24	-564.45	-1428.45	-386.69
265	2	193	50.54	-100.76	-233.75	-229.31	-105.20	-23.89	1.465e+04	4939.54	5439.61	1.415e+04	2146.32
		395	60.20	-16.19	-259.62	-232.93	-42.88	-76.07	1.691e+04	4494.03	7667.09	1.374e+04	5416.80
		394	80.02	-17.21	-282.96	-275.80	-24.38	-43.04	2.432e+04	1.116e+04	1.147e+04	2.401e+04	1994.97
		194	93.09	-75.26	-239.24	-237.91	-76.59	-14.74	2.804e+04	1.079e+04	1.090e+04	2.793e+04	1381.48

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
265	106	193	38.64	-69.71	-167.28	-162.78	-74.20	-20.46	1.122e+04	3776.08	4182.01	1.082e+04	1690.79
		395	46.31	-7.36	-189.19	-166.89	-29.66	-59.64	1.301e+04	3393.50	5883.53	1.052e+04	4211.12
		394	61.73	-10.58	-217.28	-211.51	-16.35	-34.05	1.877e+04	8615.77	8876.47	1.851e+04	1605.88
		194	71.62	-55.95	-184.43	-183.22	-57.16	-12.39	2.159e+04	8351.32	8445.32	2.149e+04	1111.46
265	138	193	38.70	-68.83	-166.33	-161.42	-73.73	-21.31	1.124e+04	3780.73	4190.60	1.083e+04	1700.13
		395	46.41	-5.87	-188.39	-165.46	-28.80	-60.49	1.303e+04	3393.01	5892.53	1.053e+04	4224.34
		394	61.81	-9.91	-218.08	-212.06	-15.94	-34.90	1.879e+04	8630.29	8895.50	1.853e+04	1620.13
		194	71.68	-55.61	-185.22	-183.85	-56.97	-13.24	2.161e+04	8367.68	8463.45	2.151e+04	1121.82
266	16	187	125.00	-151.41	-240.20	-233.42	-158.19	-23.58	-7024.84	-3.574e+04	-7044.44	-3.572e+04	750.05
		396	105.59	-100.51	-198.54	-191.87	-107.18	-24.68	-5321.98	-3.019e+04	-5518.39	-2.999e+04	2201.21
		395	63.95	-35.88	-259.20	-215.46	-79.62	-88.63	1.777e+04	4447.36	7463.46	1.475e+04	5575.17
		193	52.51	-116.92	-216.95	-216.28	-117.60	-8.18	1.511e+04	4385.48	5032.33	1.446e+04	2553.03
266	102	187	97.08	-109.78	-169.57	-162.73	-116.63	-19.04	-5463.56	-2.776e+04	-5479.03	-2.775e+04	587.15
		396	82.00	-63.68	-139.98	-130.04	-73.62	-25.69	-4139.82	-2.348e+04	-4295.00	-2.333e+04	1725.44
		395	48.75	-19.16	-195.08	-159.44	-54.80	-70.70	1.351e+04	3308.38	5721.63	1.110e+04	4335.86
		193	39.66	-87.19	-162.02	-160.31	-88.90	-11.17	1.138e+04	3307.65	3839.78	1.085e+04	2003.61
266	134	187	97.29	-108.46	-166.92	-159.29	-116.10	-19.70	-5476.75	-2.782e+04	-5492.37	-2.781e+04	590.44
		396	82.18	-61.86	-137.23	-126.50	-72.60	-26.34	-4150.14	-2.353e+04	-4305.98	-2.338e+04	1731.02
		395	48.68	-17.98	-194.45	-158.11	-54.32	-71.36	1.348e+04	3283.73	5717.09	1.105e+04	4346.39
		193	39.50	-86.80	-161.03	-159.09	-88.74	-11.83	1.133e+04	3293.30	3832.90	1.079e+04	2011.64
267	2	396	101.33	-118.09	-194.77	-187.16	-125.69	-22.92	-5596.41	-2.898e+04	-5792.62	-2.878e+04	2132.86
		70	53.30	181.09	-46.74	43.32	91.02	-111.39	-47.61	-1.304e+04	-1939.27	-1.115e+04	4582.55
		206	69.48	101.52	-374.53	-335.32	62.30	-130.88	1.570e+04	-2863.63	3587.87	9243.68	8838.01
		395	65.57	-17.67	-240.66	-213.21	-45.12	-73.25	1.758e+04	1688.31	5224.20	1.404e+04	6609.79
267	98	396	79.86	-77.39	-147.01	-130.14	-94.27	-29.83	-4416.42	-2.286e+04	-4575.54	-2.270e+04	1705.56
		70	41.97	140.57	-36.82	37.02	66.73	-87.44	-180.13	-1.038e+04	-1559.25	-9005.85	3488.80
		206	53.84	81.49	-284.61	-249.69	46.58	-107.53	1.201e+04	-2341.94	2704.38	6961.29	6851.79
		395	49.79	-12.43	-177.27	-155.74	-33.96	-55.55	1.326e+04	1089.91	3914.17	1.043e+04	5136.26
267	130	396	80.01	-75.55	-145.87	-127.86	-93.55	-30.69	-4425.23	-2.290e+04	-4585.72	-2.274e+04	1714.55
		70	42.09	143.47	-35.51	39.47	68.50	-88.30	-177.49	-1.040e+04	-1563.07	-9018.48	3499.98
		206	53.96	83.38	-284.32	-248.96	48.03	-108.39	1.202e+04	-2366.07	2702.27	6949.59	6871.31
		395	49.79	-11.48	-177.33	-155.20	-33.62	-56.41	1.324e+04	1060.41	3907.96	1.039e+04	5153.63
268	2	395	57.20	-3.58	-254.65	-230.45	-27.79	-74.11	1.597e+04	3139.64	5571.65	1.353e+04	5027.80
		206	64.27	99.41	-338.58	-319.15	79.98	-90.18	1.474e+04	-2757.00	3627.77	8359.03	8424.57
		207	43.88	34.53	-387.52	-387.17	34.18	-12.18	1.176e+04	2878.65	3174.87	1.146e+04	1594.47
		394	81.61	-7.09	-269.73	-268.55	-8.27	-17.59	2.481e+04	9873.61	1.040e+04	2.429e+04	2750.75
268	97	395	43.99	-9.23	-181.68	-168.79	-22.12	-45.35	1.232e+04	2301.10	4256.58	1.036e+04	3970.39
		206	49.66	66.98	-250.66	-238.00	54.33	-62.13	1.142e+04	-2195.61	2797.14	6425.73	6560.81
		207	34.20	23.19	-296.04	-296.03	23.18	-1.80	9166.85	2181.38	2448.06	8900.18	1338.55
		394	63.22	-6.46	-204.48	-204.47	-6.47	-1.31	1.917e+04	7512.39	7957.81	1.873e+04	2235.09
268	129	395	44.10	-9.86	-180.06	-168.04	-21.88	-43.60	1.236e+04	2292.08	4265.33	1.038e+04	3995.57
		206	49.74	66.56	-249.27	-237.27	54.56	-60.39	1.145e+04	-2206.75	2805.12	6441.16	6583.48
		207	34.31	23.20	-296.42	-296.42	23.20	-0.05	9189.24	2176.95	2451.45	8914.75	1359.96
		394	63.34	-6.47	-204.84	-204.84	-6.48	0.44	1.920e+04	7508.15	7962.21	1.875e+04	2259.01
269	2	394	80.29	8.28	-273.69	-271.77	6.37	-23.16	2.428e+04	9764.93	1.000e+04	2.404e+04	1842.16
		207	45.17	49.16	-369.96	-369.10	48.29	19.05	1.211e+04	3224.23	3429.20	1.191e+04	1334.30
		208	44.60	-9.73	-250.85	-241.30	-19.28	47.03	8787.80	-4270.39	-2020.40	6537.81	-4931.37
		391	50.14	-10.04	-237.83	-237.78	-10.09	3.16	1.495e+04	8828.98	9071.09	1.471e+04	-1192.84
269	106	394	62.24	7.34	-209.62	-208.75	6.47	-13.68	1.879e+04	7500.24	7704.33	1.859e+04	1504.48
		207	35.19	37.39	-284.98	-284.33	36.75	14.36	9461.57	2519.05	2697.65	9282.97	1099.12
		208	34.33	-6.10	-200.25	-192.83	-13.52	37.24	6801.01	-3188.46	-1539.95	5152.50	-3708.12
		391	38.87	-5.86	-191.35	-191.19	-6.02	5.46	1.159e+04	6849.59	6993.05	1.144e+04	-811.69
269	138	394	62.36	7.73	-210.27	-209.42	6.89	-13.54	1.883e+04	7510.43	7718.78	1.862e+04	1521.44
		207	35.30	38.01	-285.61	-284.96	37.35	14.51	9488.62	2528.23	2711.15	9305.71	1113.43
		208	34.35	-5.84	-202.29	-194.90	-13.23	37.38	6811.54	-3168.62	-1531.41	5174.33	-3695.83
		391	38.95	-5.79	-193.47	-193.30	-5.96	5.60	1.161e+04	6864.88	7002.71	1.147e+04	-796.75
270	16	391	48.04	-2.94	-321.88	-321.40	-3.41	-12.33	1.429e+04	6563.85	8050.70	1.281e+04	-3046.81
		208	43.64	9.48	-167.20	-132.61	-25.11	70.10	1.028e+04	-2077.22	-1067.24	9272.12	-3385.64
		200	58.95	-48.20	-249.74	-190.84	-107.11	-91.66	-4562.26	-1.597e+04	-1.053e+04	-1.000e+04	-5699.21
		387	33.93	35.05	-101.03	-94.49	28.52	29.10	9696.34	4118.59	8867.55	4947.38	-1983.92
270	106	391	37.02	0.97	-257.65	-257.12	0.44	-11.69	1.102e+04	5151.42	6234.70	9939.82	-2277.54
		208	33.03	6.73	-134.64	-112.62	-15.29	51.26	7861.52	-1550.15	-773.77	7085.14	-2589.25
		200	45.55	-41.65	-202.01	-162.98	-80.68	-68.82	-3545.53	-1.232e+04	-8136.27	-7733.58	-4384.78
		387	26.07	26.01	-91.45	-89.17	23.73	16.20	7397.90	3238.20	6772.49	3863.60	-1486.73
270	138	391	37.03	1.19	-259.80	-259.23	0.62	-12.16	1.103e+04	5171.60	6241.85	9955.03	-2262.61
		208	32.94	6.27	-136.03	-114.71	-15.05	50.79	7851.85	-1543.20	-768.27	7076.92	-2584.56
		200	45.63	-41.92	-204.84	-166.21	-80.55	-69.29	-3556.95	-1.234e+04	-8147.87	-7744.58	-4384.64
		387	26.08	25.89	-94.51	-92.42	23.79	15.73	7386.83	3254.66	6765.53	3875.96	-1476.93
271	2	428	38.34	62.25	-226.65	-16.85	-147.55	-128.82	167.41	-2828.36	-438.68	-2222.27	-1203.48
		126	8.32	103.70	-47.62	85.03	-28.96	49.76	621.59	-33.84	493.88	93.86	-259.60
		476	28.81	73.34	-39.63	72.04	-38.33	-12.04	3262.25	2480.55	2610.51	3132.28	-291.04
		443	50.79	75.51	-464.32	6.99	-395.80	-179.71	2753.17	-1007.28	-980.27	2726.17	317.53
271	120	428	28.80	86.53	-179.87	-6.20	-87.13	-126.90	32.84	-2057.86	-425.35	-1599.67	-864.87

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		126	7.20	57.98	-27.64	57.84	-27.49	-3.47	594.55	101.68	437.59	258.65	-229.62
		476	25.00	64.70	-47.59	51.75	-34.64	-35.87	2826.41	2000.17	2000.28	2826.29	9.78
		443	38.39	97.52	-335.08	24.40	-261.96	-162.13	2097.78	-713.30	-674.82	2059.31	326.61
271	152	428	29.03	94.42	-182.02	-3.85	-83.75	-132.32	39.17	-2052.69	-421.09	-1592.43	-866.58
		126	7.44	60.37	-28.71	59.48	-27.81	-8.89	600.20	117.05	442.60	274.64	-226.51
		476	25.21	70.00	-51.13	53.75	-34.88	-41.29	2844.39	2013.40	2013.69	2844.11	15.28
		443	38.49	104.05	-335.95	26.63	-258.54	-167.54	2107.07	-700.61	-661.88	2068.33	327.48
272	85	126	6.94	84.98	-36.45	84.98	-36.45	0.02	265.14	-174.16	153.73	-62.75	-191.13
		129	5.87	101.38	-15.64	92.73	-6.98	30.63	165.95	-132.16	-1.68	35.48	147.89
		495	34.45	80.62	-94.86	31.16	-45.39	78.95	3536.60	618.01	623.77	3530.83	-129.58
		476	35.60	73.83	-81.09	63.68	-70.94	-38.33	3665.16	901.08	906.14	3660.09	118.25
272	122	126	6.32	88.01	-36.15	81.29	-29.43	-28.10	183.46	-84.15	97.39	1.92	-125.00
		129	4.66	87.01	-6.87	86.97	-6.83	-1.97	145.70	-81.36	-18.44	82.78	101.63
		495	26.56	46.60	-53.11	32.38	-38.89	34.87	2701.97	406.01	411.02	2696.95	-107.21
		476	28.16	79.64	-84.59	56.55	-61.50	-57.09	2795.57	623.22	628.97	2789.82	111.62
272	154	126	6.58	94.81	-38.57	85.56	-29.32	-33.88	181.36	-73.32	94.55	13.49	-120.72
		129	5.06	91.90	-7.08	91.30	-6.47	-7.74	153.71	-78.53	-20.76	95.94	100.39
		495	26.68	43.91	-49.26	33.71	-39.05	29.10	2713.81	395.54	400.58	2708.77	-107.97
		476	28.44	84.70	-89.09	57.79	-62.18	-62.86	2806.23	611.91	618.10	2800.04	116.37
273	2	129	6.34	59.55	-23.32	57.21	-20.98	-13.73	508.33	132.35	453.49	187.19	132.70
		234	35.89	129.62	-211.54	38.73	-120.65	150.82	105.18	-2494.54	-506.29	-1883.06	1102.62
		470	37.86	-89.20	-427.47	-182.07	-334.61	150.96	2336.13	-704.37	-693.91	2325.67	-178.05
		495	30.10	171.78	-56.26	72.47	43.04	113.07	3031.08	2160.12	2230.92	2960.27	238.02
273	121	129	3.78	10.44	-23.84	8.37	-21.77	-8.16	400.47	72.53	335.69	137.31	130.56
		234	25.96	92.54	-161.19	17.83	-86.48	115.65	-35.35	-1843.17	-480.51	-1398.01	778.85
		470	28.41	-78.93	-309.81	-143.65	-245.09	103.70	1746.17	-576.82	-550.86	1720.21	-244.18
		495	24.33	124.29	-45.11	42.40	36.78	84.65	2626.35	1598.73	1601.16	2623.93	49.87
273	153	129	3.68	6.55	-23.09	5.58	-22.12	-5.28	385.96	54.41	323.46	116.90	129.67
		234	26.02	93.53	-164.25	15.27	-85.99	118.53	-45.58	-1842.45	-487.37	-1400.65	773.73
		470	28.52	-74.93	-311.05	-142.21	-243.78	106.58	1745.80	-588.59	-562.75	1719.96	-244.26
		495	24.25	128.06	-47.12	43.68	37.26	87.53	2605.22	1582.31	1585.10	2602.44	53.27
274	2	470	40.96	-137.00	-1049.66	-760.80	-425.85	-424.49	587.67	-285.71	554.00	-252.04	-168.14
		465	19.31	460.58	85.20	86.24	459.54	19.75	463.39	188.41	337.68	314.12	136.98
		425	29.00	297.60	-395.56	-177.51	79.55	-321.86	280.75	-315.11	-87.80	53.43	-289.44
		234	27.51	313.75	-293.41	193.82	-173.48	-241.73	1092.69	27.49	726.30	393.88	506.00
274	117	470	28.29	-122.73	-719.21	-527.59	-314.36	-278.53	738.38	-198.68	624.25	-84.55	-306.47
		465	17.94	354.63	74.57	74.58	354.62	1.43	293.37	-639.16	-541.13	195.34	286.02
		425	19.91	231.28	-258.18	-111.83	84.93	-224.09	4.03	-353.81	-297.66	-52.11	-130.15
		234	18.66	226.43	-207.36	136.25	-117.19	-176.03	794.28	272.32	604.50	462.10	251.07
274	149	470	28.29	-122.89	-719.69	-529.07	-313.51	-278.25	737.90	-189.85	620.90	-72.85	-307.99
		465	18.09	358.94	73.70	73.71	358.93	1.71	285.60	-644.62	-547.31	188.29	284.70
		425	20.00	235.32	-254.61	-109.23	89.93	-223.81	1.65	-363.93	-303.23	-59.05	-136.04
		234	18.60	228.11	-205.41	138.22	-115.53	-175.75	791.52	284.62	602.25	473.89	245.19
275	2	240	15.65	118.59	-88.34	31.49	-1.24	102.16	-57.64	-1286.76	-73.19	-1271.21	137.37
		402	6.86	12.53	-87.70	-87.70	12.52	-0.90	-154.67	-504.21	-373.70	-285.18	169.07
		342	7.08	31.04	2.86	28.68	5.22	-7.81	-275.08	-735.19	-501.99	-508.28	230.03
		176	16.43	200.37	-94.11	-30.50	136.77	121.18	930.16	411.93	432.01	910.08	100.02
275	119	240	6.38	76.67	-31.35	14.81	30.50	53.44	-6.20	-404.12	-8.72	-401.60	-31.55
		402	8.06	17.85	-83.55	-79.48	13.78	-19.92	-365.50	-817.91	-378.51	-804.89	-75.62
		342	8.35	39.41	-9.15	19.73	10.54	-23.84	-60.12	-778.04	-279.11	-559.05	-330.55
		176	13.79	161.14	-42.89	-13.29	131.54	71.85	1060.73	14.64	146.42	928.95	-347.11
275	151	240	5.96	74.84	-27.74	13.11	33.99	50.22	9.08	-330.15	3.87	-324.94	-41.70
		402	8.04	19.98	-86.94	-81.68	14.71	-23.14	-362.55	-811.01	-379.14	-794.42	-84.65
		342	8.75	42.95	-11.70	19.41	11.85	-27.06	-40.09	-788.58	-280.28	-548.40	-349.41
		176	14.65	162.27	-39.96	-13.10	135.40	68.63	1142.78	23.13	160.13	1005.79	-366.91
276	87	402	16.17	26.54	-62.31	-49.12	13.35	-31.59	-403.04	-1721.65	-406.88	-1717.81	-71.05
		403	18.35	18.97	-67.91	-60.15	11.21	24.77	-408.70	-1941.45	-411.58	-1938.57	66.35
		401	8.73	17.40	-21.69	-10.73	6.45	17.56	-49.90	-913.30	-100.18	-863.02	202.20
		342	8.42	30.19	-12.90	-1.30	18.60	-19.11	-28.51	-858.74	-142.92	-744.34	-286.17
276	122	402	11.69	16.85	-46.84	-35.24	5.26	-24.58	-353.34	-1279.95	-354.22	-1279.07	-28.63
		403	14.02	19.77	-57.60	-43.01	5.18	30.27	-371.58	-1515.38	-372.09	-1514.87	24.16
		401	7.28	17.43	-28.15	-10.28	-0.44	22.25	-146.87	-760.64	-175.83	-731.68	130.14
		342	6.38	15.45	-12.31	-3.97	7.12	-12.72	-103.12	-674.76	-197.01	-580.87	-211.79
276	154	402	11.69	14.92	-45.50	-34.59	4.01	-23.24	-367.78	-1291.40	-368.32	-1290.86	-22.19
		403	14.18	20.41	-58.19	-42.24	4.46	31.61	-388.21	-1540.75	-388.50	-1540.46	18.51
		401	7.46	18.05	-30.03	-10.62	-1.35	23.59	-174.92	-784.93	-200.87	-758.97	123.13
		342	6.37	13.08	-11.82	-4.41	5.67	-11.39	-128.11	-686.21	-219.77	-594.54	-206.77
277	65	230	29.65	-76.80	-520.72	-237.58	-359.94	-213.36	2654.00	-6.32	-4.82	2652.50	63.14
		31	22.96	105.39	-96.76	-96.76	105.39	2.39e-03	3208.82	1050.06	1148.11	3110.77	449.51
		32	21.65	75.34	-290.28	-71.79	-143.14	-179.29	-4.56	-2012.92	-693.47	-1324.01	953.40
		27	16.57	103.36	-12.49	77.82	13.05	-48.03	1356.25	-1223.14	1329.73	-1196.62	260.20
277	123	230	21.19	-83.73	-327.17	-167.13	-243.77	-115.53	2070.36	11.04	16.27	2065.13	103.67
		31	19.77	107.81	-75.24	-62.23	94.80	47.02	2639.98	855.00	927.72	2567.27	352.86

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		32	14.65	15.96	-167.92	-55.30	-96.67	-89.58	110.82	-1522.85	-576.87	-835.16	806.56
		27	12.31	69.42	34.59	65.17	38.84	11.40	1026.09	-913.33	978.55	-865.79	299.89
277	155	230	20.95	-89.28	-313.26	-164.00	-238.54	-105.60	2082.19	14.93	21.20	2075.91	113.75
		31	20.27	116.30	-78.02	-59.58	97.86	56.95	2680.87	866.75	938.75	2608.87	354.16
		32	14.21	7.37	-156.66	-55.12	-94.17	-79.65	135.20	-1516.28	-583.78	-797.30	818.81
		27	12.41	78.61	30.52	65.67	43.46	21.33	1020.21	-913.44	965.47	-858.70	320.72
278	88	27	16.72	85.06	30.48	84.48	31.07	5.62	2331.02	456.66	2311.23	476.45	191.59
		32	18.69	90.29	-222.44	-16.47	-115.69	-148.29	-523.54	-2129.62	-1104.08	-1549.08	771.60
		33	13.65	43.92	-136.89	38.87	-131.85	-29.77	-822.00	-1697.30	-1096.91	-1422.39	-406.26
		29	19.50	167.37	40.47	59.32	148.53	-45.13	2933.64	459.88	2903.71	489.81	-270.47
278	122	27	13.32	82.50	-10.47	65.49	6.54	-35.94	1831.36	410.35	1831.33	410.37	5.87
		32	15.66	107.74	-212.56	-11.96	-92.86	-154.96	-374.06	-1477.61	-757.29	-1094.38	525.40
		33	11.91	59.55	-130.78	35.14	-106.37	-63.63	-372.83	-1189.22	-590.95	-971.09	-361.24
		29	17.82	154.34	-4.64	49.34	100.36	-75.29	2508.29	395.54	2454.11	449.72	-333.97
278	154	27	13.57	88.25	-19.44	65.21	3.60	-44.16	1847.91	418.37	1847.54	418.74	-23.02
		32	15.94	115.20	-221.43	-11.86	-94.38	-163.18	-367.34	-1448.48	-739.51	-1076.31	513.67
		33	12.28	65.85	-137.44	36.10	-107.69	-71.85	-319.57	-1163.77	-537.84	-945.51	-369.62
		29	18.48	160.59	-13.11	49.86	97.61	-83.51	2567.60	404.40	2506.06	465.94	-359.64
279	55	29	21.04	169.83	152.98	153.40	169.42	2.61	2754.36	96.29	2748.94	101.71	-119.88
		33	15.92	19.13	-145.62	7.75	-134.24	-41.77	-615.71	-1969.94	-1095.28	-1490.37	-647.66
		34	24.17	-33.86	-203.74	-78.78	-158.82	74.92	1177.06	-2395.33	7.53	-1225.79	-1676.37
		397	10.29	143.39	-106.79	-106.79	143.39	0.40	418.98	-526.21	-198.30	91.07	-449.91
279	123	29	14.43	173.91	92.63	113.52	153.02	35.52	1861.16	22.50	1861.05	22.61	-14.24
		33	12.06	0.10	-97.40	0.09	-97.40	0.81	-754.77	-1732.11	-1121.85	-1365.02	-473.30
		34	20.97	-7.99	-196.19	-80.38	-123.80	91.57	581.25	-2188.99	-410.50	-1197.24	-1328.09
		397	9.96	137.11	-102.05	-97.77	132.83	31.72	160.38	-681.89	-524.02	2.51	-328.70
279	155	29	14.18	182.38	86.65	112.96	156.07	42.74	1809.79	12.04	1809.79	12.04	0.66
		33	12.14	-0.60	-98.50	-1.26	-97.83	8.03	-810.48	-1779.31	-1178.96	-1410.82	-470.34
		34	21.51	-3.77	-205.36	-84.52	-124.61	98.78	518.44	-2260.93	-494.00	-1248.49	-1337.50
		397	10.44	141.57	-107.49	-101.25	135.33	38.94	131.84	-746.79	-601.60	-13.34	-326.32
280	2	397	27.61	356.35	65.27	230.40	191.22	-144.22	-2556.12	-3523.05	-3189.93	-2889.24	-459.50
		34	25.00	-42.60	-433.82	-254.20	-222.23	194.96	1193.26	-975.99	562.54	-345.27	-985.08
		30	26.33	-45.66	-442.50	-421.38	-66.78	-89.09	1662.58	-1320.43	1372.94	-1030.78	-883.24
		232	63.10	39.77	-1033.60	-938.92	-54.91	304.39	808.05	-4264.50	-4249.63	793.19	-274.19
280	119	397	17.88	247.35	108.69	185.50	170.54	-68.92	-1172.21	-2283.97	-1364.97	-2091.21	-420.88
		34	28.20	12.95	-372.95	-183.98	-176.03	192.91	1227.28	-1676.21	11.61	-460.53	-1432.43
		30	25.75	-72.49	-433.16	-430.45	-75.20	-31.15	1519.60	-1434.13	1029.91	-944.44	-1098.46
		232	53.19	39.98	-912.42	-833.37	-39.06	262.75	499.80	-3534.63	-3501.25	466.41	-365.48
280	151	397	18.20	239.49	115.38	182.12	172.75	-61.88	-1234.84	-2324.97	-1441.42	-2118.39	-427.22
		34	28.64	17.79	-382.28	-187.93	-176.56	199.95	1178.81	-1734.69	-65.97	-489.90	-1441.25
		30	26.18	-77.25	-452.59	-451.04	-78.81	-24.11	1454.55	-1484.04	949.52	-979.01	-1108.61
		232	54.40	42.06	-934.55	-853.25	-39.24	269.79	473.16	-3627.67	-3593.36	438.85	-373.51
281	55	31	26.74	68.49	-296.63	-122.62	-105.52	-182.36	3220.63	415.44	481.32	3154.74	424.82
		42	28.84	-77.82	-111.73	-104.12	-85.42	14.15	4461.15	995.19	1008.51	4447.84	214.38
		49	17.04	-17.22	-208.43	-71.67	-153.98	-86.29	-497.12	-2286.13	-649.00	-2134.25	498.65
		32	11.84	12.86	-129.35	-33.15	-83.35	-66.53	-140.36	-1650.16	-375.67	-1414.84	547.64
281	99	31	21.02	12.19	-203.44	-102.90	-88.35	-107.57	2704.49	363.40	419.60	2648.29	358.34
		42	24.41	-43.08	-120.36	-88.68	-74.76	38.01	3768.68	836.67	847.49	3757.86	177.82
		49	11.71	-42.01	-140.82	-56.91	-125.92	-35.36	-298.13	-1498.11	-476.00	-1320.24	426.38
		32	8.47	-16.93	-80.32	-26.51	-70.74	-22.70	-17.09	-1163.01	-297.35	-882.76	492.55
281	131	31	21.19	3.37	-199.59	-104.86	-91.35	-101.26	2749.21	371.16	429.04	2691.34	366.44
		42	24.90	-39.84	-129.35	-90.77	-78.41	44.33	3832.97	850.29	861.21	3822.05	180.17
		49	11.57	-47.13	-139.52	-57.40	-129.25	-29.05	-278.75	-1452.26	-472.73	-1258.28	435.90
		32	8.62	-21.67	-78.62	-26.86	-73.43	-16.39	5.45	-1146.33	-298.89	-841.99	507.85
282	36	32	14.61	51.09	-166.76	-22.50	-93.17	-103.03	-25.56	-1680.50	-361.81	-1344.26	665.89
		49	15.98	-33.68	-164.56	-61.23	-137.00	-53.36	-659.91	-2095.72	-703.83	-2051.80	247.24
		50	23.03	-71.53	-170.29	-87.58	-154.24	-36.44	-975.86	-3149.77	-975.89	-3149.73	-8.53
		33	14.50	11.67	-120.11	9.41	-117.85	-17.09	-327.75	-1704.48	-409.93	-1622.29	-326.17
282	99	32	10.81	12.54	-105.84	-18.25	-75.05	-51.93	-54.15	-1478.56	-357.71	-1175.00	583.31
		49	13.99	-45.44	-110.76	-48.00	-108.20	-12.65	-595.52	-1874.41	-638.03	-1831.91	229.24
		50	19.26	-66.25	-121.90	-66.30	-121.85	1.64	-909.47	-2692.77	-909.47	-2692.77	1.52
		33	11.54	11.20	-97.22	9.51	-95.53	13.44	-420.58	-1450.06	-464.18	-1406.46	-207.33
282	131	32	10.72	6.84	-102.63	-18.51	-77.29	-46.17	-60.37	-1519.13	-374.05	-1205.45	599.33
		49	14.43	-47.57	-111.50	-48.32	-110.74	-6.89	-613.97	-1929.45	-658.73	-1884.70	238.48
		50	19.65	-65.04	-125.20	-65.96	-124.28	7.40	-943.07	-2748.16	-943.08	-2748.15	4.08
		33	11.72	13.22	-100.97	9.90	-97.64	19.20	-453.44	-1479.40	-493.34	-1439.50	-198.37
283	36	33	15.81	27.60	-101.84	25.37	-99.61	-16.84	-305.05	-1956.31	-430.14	-1831.22	-436.93
		50	22.26	-79.48	-156.88	-88.29	-148.07	-24.58	-943.91	-3058.19	-944.14	-3057.96	-21.96
		51	15.66	-93.71	-196.90	-191.50	-99.12	-22.99	-38.92	-2061.52	-158.41	-1942.02	-476.87
		34	21.87	-17.62	-229.69	-152.79	-94.52	101.95	1099.47	-1613.73	300.19	-814.44	-1236.84
283	123	33	12.23	26.17	-81.14	16.12	-71.09	31.26	-326.74	-1701.32	-436.22	-1591.84	-372.16
		50	17.43	-55.67	-119.50	-72.24	-102.92	27.99	-805.21	-2471.04	-805.40	-2470.84	-18.04
		51	12.85	-59.52	-175.47	-166.23	-68.76	31.40	-45.25	-1673.02	-124.74	-1593.54	-350.80

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		34	19.82	20.64	-231.69	-136.24	-74.82	122.37	799.61	-1383.57	218.93	-802.89	-964.64
283	155	33	12.35	31.20	-87.41	15.23	-71.45	40.48	-344.02	-1740.91	-455.82	-1629.12	-379.04
		50	17.61	-47.76	-127.83	-73.02	-102.57	37.21	-822.57	-2496.75	-822.78	-2496.54	-18.84
		51	13.27	-54.69	-184.13	-169.80	-69.03	40.62	-51.23	-1693.91	-128.53	-1616.61	-347.86
		34	20.44	27.78	-243.18	-139.92	-75.48	131.59	789.70	-1413.50	213.71	-837.51	-968.12
284	67	34	23.24	-40.29	-226.02	-190.90	-75.42	72.73	927.99	-2175.56	150.19	-1397.76	-1344.99
		51	14.11	-53.71	-174.10	-173.28	-54.53	9.90	220.64	-1663.05	40.84	-1483.25	-553.49
		37	19.33	-45.96	-312.98	-273.16	-85.77	-95.11	1216.32	-1432.64	684.65	-900.97	-1060.99
		30	21.17	29.68	-398.46	-374.13	5.35	99.12	1332.68	-260.46	579.69	492.52	-795.38
284	123	34	19.94	-8.20	-215.12	-165.11	-58.21	88.58	695.03	-1724.19	117.16	-1146.32	-1031.53
		51	12.49	-24.83	-161.98	-148.91	-37.90	40.28	154.76	-1318.95	32.08	-1196.27	-407.11
		37	15.10	-54.88	-248.15	-240.96	-62.07	-36.57	924.97	-1123.84	543.89	-742.76	-797.21
		30	18.33	33.01	-346.71	-314.69	0.99	105.52	1005.41	-234.45	468.48	302.48	-614.35
284	155	34	20.39	-3.60	-223.73	-168.74	-58.59	95.30	691.72	-1739.30	114.64	-1162.22	-1034.34
		51	12.84	-20.69	-169.13	-152.36	-37.46	46.99	151.05	-1329.06	30.22	-1208.23	-405.28
		37	15.51	-57.36	-251.24	-246.53	-62.07	-29.86	925.36	-1130.13	548.76	-753.52	-795.16
		30	18.80	35.59	-355.81	-320.43	0.20	112.24	1004.04	-243.68	472.64	287.73	-616.97
285	2	51	35.12	-84.59	-326.38	-312.03	-98.94	-57.12	452.81	-4611.43	323.99	-4482.61	-797.36
		67	28.90	-120.74	-154.00	-153.79	-120.95	-2.66	2271.41	-2593.90	-1140.90	818.41	2226.67
		278	98.95	-126.98	-558.04	-415.61	-269.41	-202.76	-1620.75	-1.384e+04	-3282.61	-1.218e+04	-4188.23
		37	40.90	130.62	-247.01	-205.17	88.78	118.53	5821.72	1909.91	2078.98	5652.65	795.49
285	122	51	24.38	-52.78	-234.14	-206.25	-80.67	-65.42	77.80	-3270.54	-161.49	-3031.25	-862.53
		67	14.65	-55.41	-116.34	-85.84	-85.92	-30.46	280.15	-1916.18	-997.73	-638.30	1083.36
		278	60.81	-50.66	-418.91	-275.31	-194.26	-179.61	-740.26	-7958.30	-1864.87	-6833.68	-2617.77
		37	21.97	77.20	-144.82	-127.25	59.62	59.95	3058.19	902.56	905.97	3054.77	85.69
285	154	51	24.56	-49.47	-238.60	-206.28	-81.79	-71.20	79.53	-3261.93	-162.59	-3019.81	-866.28
		67	14.69	-49.35	-121.83	-85.48	-85.69	-36.24	238.80	-1903.53	-1004.16	-660.57	1057.30
		278	61.44	-44.68	-424.17	-274.84	-194.01	-185.39	-763.56	-8019.84	-1921.18	-6862.21	-2657.06
		37	21.98	73.08	-141.81	-127.15	58.42	54.17	3059.63	857.23	859.49	3057.37	70.58
286	76	50	22.74	-74.53	-148.67	-83.54	-139.66	-24.23	-1267.84	-3210.38	-1271.95	-3206.27	-89.30
		68	22.36	-79.80	-149.94	-87.53	-142.21	-21.96	-1158.87	-3148.41	-1163.34	-3143.94	94.17
		67	20.23	-127.16	-219.93	-181.84	-165.25	-45.64	-1344.25	-2536.94	-1369.78	-2511.41	-172.61
		51	12.49	-106.83	-177.44	-177.30	-106.97	3.11	-144.53	-1627.35	-155.88	-1616.01	-129.20
286	104	50	18.20	-56.66	-109.61	-60.18	-106.09	-13.18	-1066.55	-2603.81	-1070.66	-2599.69	-79.38
		68	18.92	-60.73	-112.42	-64.60	-108.55	-13.60	-1014.68	-2720.61	-1018.59	-2716.70	81.54
		67	16.79	-94.92	-153.74	-129.13	-119.53	-29.02	-1080.61	-2237.12	-1108.24	-2209.48	-176.62
		51	10.39	-79.89	-125.84	-124.67	-81.06	7.25	-147.55	-1394.64	-172.08	-1370.11	-173.19
286	136	50	18.41	-56.10	-110.74	-59.19	-107.66	-12.61	-1086.88	-2633.88	-1091.11	-2629.65	-80.74
		68	19.30	-60.24	-113.61	-63.64	-110.21	-13.03	-1040.68	-2778.15	-1044.82	-2774.01	84.72
		67	17.13	-95.26	-152.41	-126.61	-121.06	-28.44	-1095.41	-2294.55	-1124.88	-2265.08	-185.67
		51	10.61	-80.82	-123.59	-122.11	-82.30	7.82	-154.71	-1425.70	-182.49	-1397.92	-185.84
287	76	49	16.53	-32.59	-165.24	-62.67	-135.17	-55.54	-894.76	-2285.27	-1002.63	-2177.40	371.97
		69	17.05	-64.29	-143.72	-70.99	-137.01	-22.08	-741.83	-2226.81	-742.36	-2226.28	-27.99
		68	24.02	-83.14	-173.07	-97.30	-158.91	-32.75	-1328.74	-3350.30	-1329.79	-3349.25	46.01
		50	21.90	-75.62	-155.32	-79.47	-151.47	-17.09	-1110.68	-3005.29	-1110.98	-3004.99	-23.71
287	108	49	14.06	-28.29	-133.28	-51.91	-109.66	-43.84	-736.38	-1966.90	-828.71	-1874.57	324.17
		69	14.56	-52.50	-115.53	-58.47	-109.55	-18.46	-637.29	-1941.23	-637.29	-1941.23	0.71
		68	19.95	-61.03	-134.78	-71.92	-123.90	-26.16	-1135.58	-2823.46	-1137.08	-2821.96	50.25
		50	18.24	-55.04	-124.06	-57.97	-121.13	-13.91	-971.95	-2531.32	-972.07	-2531.20	13.69
287	140	49	14.43	-29.19	-136.24	-52.76	-112.67	-44.36	-748.55	-2015.53	-843.13	-1920.96	332.99
		69	14.92	-53.19	-118.39	-59.28	-112.30	-18.98	-651.93	-1989.61	-651.96	-1989.59	5.57
		68	20.31	-60.26	-137.07	-71.04	-126.29	-26.68	-1161.14	-2873.93	-1162.78	-2872.28	53.10
		50	18.60	-54.15	-126.78	-57.14	-123.79	-14.43	-996.99	-2579.99	-997.26	-2579.71	20.94
288	35	42	32.55	18.90	-256.65	-109.77	-127.98	-137.47	4565.64	873.74	881.80	4557.58	172.39
		71	32.39	-49.43	-147.47	-99.82	-97.08	49.00	4931.01	1030.09	1030.26	4930.84	-25.46
		69	18.23	-44.77	-187.09	-81.24	-150.61	-62.13	-727.84	-2319.35	-728.30	-2318.89	27.07
		49	17.80	-60.83	-147.98	-62.40	-146.41	-11.57	-863.48	-2367.42	-949.10	-2281.81	348.48
288	99	42	26.75	-22.62	-177.68	-94.43	-105.87	-77.32	3849.81	742.13	748.30	3843.64	138.37
		71	27.26	-23.85	-144.27	-86.41	-81.72	60.17	4130.65	861.52	861.71	4130.45	-25.21
		69	12.00	-58.64	-127.74	-65.80	-120.58	-21.06	-519.26	-1453.30	-519.26	-1453.30	-2.06
		49	12.37	-48.49	-122.45	-51.64	-119.30	14.92	-598.13	-1519.13	-689.47	-1427.79	275.29
288	131	42	27.17	-30.90	-175.75	-97.03	-109.62	-72.15	3913.93	755.58	761.74	3907.77	139.33
		71	27.78	-21.70	-152.43	-88.96	-85.18	65.33	4193.85	874.72	874.93	4193.64	-26.60
		69	11.69	-62.43	-127.81	-66.55	-123.68	-15.89	-512.90	-1391.52	-512.95	-1391.47	-6.72
		49	12.23	-47.10	-128.04	-52.44	-122.70	20.09	-584.06	-1463.82	-682.87	-1365.00	277.79
289	2	67	33.00	-116.78	-204.86	-183.18	-138.46	-37.95	2210.67	-2909.84	-1403.91	704.74	-2333.09
		74	36.66	-77.09	-263.35	-257.80	-82.63	31.65	879.08	-4590.78	765.15	-4476.84	781.17
		73	40.49	126.73	-366.75	-309.95	69.94	-157.48	5570.87	2033.33	2204.39	5399.81	-758.86
		278	95.07	-120.64	-498.49	-362.89	-256.24	181.24	-1273.72	-1.333e+04	-2630.48	-1.198e+04	3810.67
289	121	67	16.54	-97.61	-109.28	-108.61	-98.28	2.70	439.54	-2008.32	-1148.56	-420.22	-1168.49
		74	23.84	-49.32	-190.15	-171.74	-67.72	47.47	355.55	-3218.95	150.91	-3014.31	830.44
		73	22.02	72.63	-237.25	-211.07	46.45	-86.19	2933.68	1013.35	1016.87	2930.17	-82.11
		278	57.73	-55.21	-389.54	-252.43	-192.32	164.44	-499.14	-7557.57	-1375.63	-6681.09	2327.74

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
289	153	67	16.05	-93.48	-113.64	-108.93	-98.19	8.53	397.52	-1995.07	-1150.98	-446.57	-1143.27
		74	23.98	-46.15	-194.77	-172.25	-68.67	53.30	361.61	-3206.05	154.65	-2999.08	833.99
		73	22.05	68.12	-235.91	-212.93	45.14	-80.36	2937.69	974.23	976.67	2935.25	-69.12
		278	58.25	-49.58	-395.77	-253.85	-191.51	170.27	-517.82	-7607.62	-1422.47	-6702.97	2365.45
290	76	68	22.62	-91.56	-149.67	-98.38	-142.85	-18.70	-1198.67	-3179.64	-1202.64	-3175.68	-88.49
		75	22.41	-73.99	-139.20	-80.89	-132.30	-20.06	-1133.20	-3195.92	-1135.75	-3193.37	72.44
		74	13.31	-94.53	-206.30	-194.21	-106.62	-34.72	-38.31	-1772.85	-46.53	-1764.63	119.08
		67	19.33	-158.40	-167.16	-162.12	-163.44	4.33	-1266.09	-2493.76	-1266.89	-2492.96	31.45
290	100	68	19.07	-47.99	-135.41	-74.46	-108.95	-40.16	-1014.72	-2701.02	-1019.37	-2696.37	-88.46
		75	18.18	-31.71	-126.20	-60.06	-97.85	-43.31	-952.49	-2622.18	-953.48	-2621.20	40.60
		74	11.19	-45.93	-170.50	-138.68	-77.75	-54.33	-92.56	-1530.37	-104.14	-1518.79	128.52
		67	16.02	-93.18	-144.26	-117.72	-119.72	-25.52	-1039.61	-2158.42	-1041.86	-2156.17	50.17
290	132	68	19.52	-43.01	-141.62	-73.92	-110.71	-45.74	-1037.03	-2758.50	-1041.99	-2753.54	-92.33
		75	18.47	-26.42	-131.89	-59.37	-98.93	-48.89	-971.01	-2658.12	-971.88	-2657.26	38.22
		74	11.46	-40.96	-174.08	-136.52	-78.52	-59.91	-105.48	-1566.92	-118.23	-1554.17	135.90
		67	16.38	-87.21	-149.65	-115.71	-121.15	-31.10	-1057.25	-2214.91	-1059.93	-2212.23	55.68
291	76	69	16.92	-65.51	-143.62	-74.10	-135.03	-24.44	-771.60	-2232.66	-773.90	-2230.36	57.94
		76	16.29	-57.97	-132.33	-60.61	-129.70	13.75	-693.13	-2180.69	-774.42	-2099.40	-338.11
		75	22.41	-76.56	-156.24	-86.02	-146.79	-25.76	-1027.58	-3102.18	-1027.59	-3102.18	-2.78
		68	23.96	-93.04	-160.39	-94.44	-158.99	-9.61	-1285.93	-3336.44	-1286.76	-3335.62	-41.20
291	100	69	14.68	-28.79	-139.60	-60.61	-107.78	-50.13	-664.71	-1944.72	-665.24	-1944.19	25.99
		76	14.47	-41.81	-108.73	-49.50	-101.04	-21.34	-603.99	-1920.37	-668.86	-1855.50	-284.94
		75	18.99	-31.27	-146.37	-64.27	-113.38	-52.05	-886.26	-2638.56	-886.85	-2637.97	-32.08
		68	20.10	-51.02	-145.35	-72.29	-124.09	-39.42	-1076.25	-2811.52	-1077.83	-2809.93	-52.39
291	132	69	15.12	-24.08	-147.83	-61.41	-110.50	-56.80	-679.79	-1992.55	-680.19	-1992.16	22.83
		76	14.95	-38.11	-115.23	-50.17	-103.18	-28.01	-618.92	-1971.42	-684.30	-1906.04	-290.08
		75	19.43	-25.39	-153.63	-63.75	-115.28	-58.71	-907.92	-2690.34	-908.73	-2689.52	-38.10
		68	20.52	-45.64	-152.80	-71.88	-126.57	-46.08	-1097.16	-2861.20	-1098.96	-2859.41	-56.21
292	76	289	35.30	-80.31	-171.78	-145.78	-106.32	-41.26	5348.13	752.75	755.76	5345.12	-117.66
		393	32.55	-89.29	-151.35	-128.43	-112.22	-29.96	4913.61	1062.18	1077.03	4898.76	238.67
		390	20.38	-62.87	-173.48	-134.23	-102.12	-52.92	3031.70	907.50	927.13	3012.07	-203.25
		299	20.55	-72.61	-172.65	-146.13	-99.13	-44.16	3003.14	425.99	433.23	2995.90	-136.41
292	113	289	27.79	-56.42	-118.55	-94.75	-80.22	-30.20	4221.72	653.22	658.55	4216.39	-137.78
		393	26.01	-64.73	-107.44	-82.51	-89.66	-21.06	3925.60	909.26	915.70	3919.15	139.27
		390	16.65	-59.08	-139.45	-111.54	-86.99	-38.27	2469.48	735.27	759.65	2445.10	-204.17
		299	16.32	-61.53	-137.83	-119.72	-79.64	-32.46	2399.53	357.16	370.12	2386.57	-162.16
292	145	289	27.93	-56.09	-117.33	-91.71	-81.71	-30.21	4237.62	668.54	674.59	4231.58	-146.72
		393	26.24	-63.89	-107.81	-79.64	-92.06	-21.07	3952.17	928.07	933.79	3946.44	131.44
		390	16.89	-61.81	-141.72	-113.23	-90.30	-38.28	2496.99	743.54	769.96	2470.57	-213.62
		299	16.46	-63.72	-139.57	-121.24	-82.05	-32.47	2414.64	363.59	378.42	2399.81	-173.77
293	76	392	23.28	-84.42	-167.52	-152.06	-99.88	-32.33	3264.65	-25.54	-16.57	3255.69	171.48
		398	21.99	-95.05	-131.47	-118.69	-107.83	-17.38	2980.73	70.76	226.82	2824.67	655.58
		393	32.47	-78.43	-156.44	-136.45	-98.41	-34.05	4990.96	1106.98	1115.22	4982.71	178.78
		289	34.84	-71.80	-156.77	-135.63	-92.95	-36.74	5308.82	718.37	718.39	5308.80	-10.66
293	113	392	19.77	-48.01	-94.14	-72.80	-69.35	-23.00	2813.07	120.04	123.45	2809.67	95.68
		398	18.83	-43.77	-82.29	-48.25	-77.82	-12.35	2613.89	225.95	318.60	2521.23	461.15
		393	26.98	-57.98	-106.73	-88.17	-76.54	-23.67	4168.12	981.02	983.99	4165.15	97.20
		289	28.52	-49.74	-106.80	-86.97	-69.57	-27.17	4372.15	669.43	669.98	4371.60	-45.14
293	145	392	20.21	-44.16	-90.41	-64.79	-69.78	-22.99	2873.40	147.43	150.38	2870.46	89.57
		398	19.29	-36.71	-82.37	-40.33	-78.74	-12.34	2679.32	258.98	347.36	2590.94	453.99
		393	27.45	-57.92	-105.74	-85.21	-78.45	-23.67	4236.77	1007.25	1009.78	4234.24	90.26
		289	28.94	-49.55	-105.39	-83.92	-71.02	-27.16	4432.48	693.22	693.93	4431.77	-51.58
294	76	389	16.69	43.35	-330.59	-190.84	-96.40	-180.91	353.41	-893.80	-625.35	84.97	512.59
		290	14.02	59.03	-212.22	-63.82	-89.36	135.02	-19.39	-1290.18	-1242.05	-67.53	242.60
		398	25.24	-92.84	-207.12	-177.40	-122.56	-50.13	3304.34	-9.27	225.17	3069.89	849.65
		392	21.84	-68.01	-106.57	-105.51	-69.06	6.30	3125.88	-98.92	-95.20	3122.16	109.52
294	113	389	11.70	51.93	-191.78	-75.70	-64.15	-121.72	392.31	-510.29	-330.84	212.87	360.23
		290	8.54	78.44	-110.17	24.89	-56.62	85.04	124.41	-822.11	-804.45	106.75	128.10
		398	19.72	-57.22	-124.84	-94.64	-87.41	-33.61	2651.66	127.06	276.60	2502.11	595.97
		392	17.82	-36.17	-48.01	-36.20	-47.98	-0.54	2531.49	27.48	28.62	2530.35	53.42
294	145	389	11.72	58.49	-184.90	-62.49	-63.93	-121.69	416.79	-476.58	-301.55	241.76	354.59
		290	8.94	88.12	-106.52	38.08	-56.47	85.07	152.91	-789.46	-774.65	138.10	117.19
		398	19.89	-53.91	-121.11	-86.73	-88.29	-33.59	2675.77	152.88	297.08	2531.57	585.66
		392	18.08	-28.24	-48.74	-28.26	-48.73	-0.52	2558.25	47.60	48.54	2557.31	48.48
295	67	377	18.90	-89.02	-173.63	-147.61	-115.04	-39.05	2548.75	600.08	700.89	2447.95	431.59
		36	16.66	-94.76	-173.22	-157.93	-110.05	31.08	2331.77	763.97	767.44	2328.30	73.65
		25	50.95	-37.97	-219.31	-160.01	-97.27	-85.07	-1654.88	-8051.97	-1655.10	-8051.74	38.16
		365	48.78	-31.81	-225.46	-155.28	-101.99	93.09	-1532.33	-7627.09	-1532.73	-7626.69	49.12
295	119	377	10.30	-78.21	-136.82	-120.74	-94.30	-26.16	1190.61	265.06	362.97	1092.70	284.67
		36	9.08	-73.53	-140.18	-127.61	-86.09	26.07	1083.84	428.33	428.76	1083.41	16.72
		25	43.33	-46.82	-186.57	-151.41	-81.99	-60.65	-1413.89	-6875.04	-1413.89	-6875.03	4.31
		365	42.23	-40.22	-196.85	-148.21	-88.87	72.48	-1337.85	-6634.21	-1337.87	-6634.20	9.27
295	151	377	9.52	-80.63	-138.14	-122.33	-96.44	-25.68	1036.09	217.99	326.43	927.65	277.41

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		36	8.38	-74.48	-141.97	-129.07	-87.38	26.55	934.06	395.13	395.32	933.87	10.20
		25	44.26	-50.64	-191.52	-157.70	-84.45	-60.17	-1444.80	-7024.07	-1444.80	-7024.07	-0.10
		365	43.27	-43.90	-202.69	-154.63	-91.97	72.95	-1371.89	-6798.75	-1371.90	-6798.74	4.06
296	76	381	36.14	-111.15	-164.86	-161.96	-114.06	-12.15	5564.35	1315.73	1396.67	5483.41	580.80
		43	34.78	-111.12	-162.75	-162.72	-111.14	1.18	5467.45	2326.06	2329.20	5464.30	99.36
		36	16.50	-101.49	-154.81	-153.79	-102.52	-7.32	2344.12	738.08	739.14	2343.07	-41.09
		377	17.89	-105.09	-147.62	-147.39	-105.32	3.13	2560.78	657.40	773.02	2445.16	454.65
296	109	381	28.64	-67.27	-122.77	-109.54	-80.50	-23.65	4392.14	960.98	1035.79	4317.33	501.09
		43	27.06	-73.58	-114.94	-109.91	-78.62	-13.53	4284.24	1747.04	1753.94	4277.33	132.18
		36	12.98	-67.65	-129.66	-122.53	-74.79	-19.78	1858.68	586.20	586.62	1858.26	23.04
		377	14.59	-73.51	-121.20	-117.65	-77.05	-12.51	2074.76	503.09	613.77	1964.08	402.12
296	141	381	28.81	-64.77	-123.15	-107.02	-80.90	-26.11	4405.65	953.57	1030.62	4328.60	509.97
		43	27.10	-71.86	-114.59	-107.40	-79.05	-15.99	4285.78	1740.78	1748.75	4277.81	142.25
		36	13.04	-67.03	-132.27	-123.51	-75.79	-22.25	1859.61	587.88	588.75	1858.74	33.17
		377	14.77	-73.13	-123.55	-118.62	-78.06	-14.98	2090.33	501.74	616.51	1975.56	411.28
297	55	20	32.58	-99.13	-175.97	-172.44	-102.66	-16.08	4638.27	-11.72	355.94	4270.60	1254.78
		44	37.46	-102.80	-168.32	-166.71	-104.40	10.14	5332.45	4515.64	4518.54	5329.55	48.61
		43	32.28	-98.08	-157.96	-157.47	-98.57	-5.40	5095.07	2051.05	2057.80	5088.33	143.11
		381	36.17	-99.17	-160.34	-159.21	-100.30	-8.25	5690.45	1610.76	1689.07	5612.14	559.77
297	117	20	25.30	-56.55	-102.64	-91.86	-67.33	-19.51	3585.54	-9.36	187.58	3388.60	818.04
		44	29.25	-70.62	-87.54	-87.37	-70.80	-1.69	4428.95	3400.79	3404.88	4424.86	-64.69
		43	26.77	-67.40	-108.94	-105.18	-71.17	-11.93	4271.89	1608.91	1610.61	4270.19	67.24
		381	28.43	-67.17	-112.68	-106.75	-73.10	-15.33	4478.23	1263.28	1303.35	4438.17	356.64
297	149	20	25.46	-52.39	-98.27	-83.52	-67.15	-21.43	3591.69	-11.31	172.69	3407.69	793.16
		44	29.43	-69.38	-80.36	-79.00	-70.74	-3.62	4496.66	3391.56	3397.80	4490.41	-82.83
		43	27.22	-66.72	-107.46	-102.03	-72.15	-13.85	4340.34	1615.89	1617.25	4338.98	60.83
		381	28.61	-66.25	-111.59	-103.63	-74.20	-17.25	4497.74	1264.49	1301.73	4460.50	344.99
298	2	366	67.65	7.79	-249.11	-166.65	-74.67	-119.94	-3410.56	-1.105e+04	-4810.01	-9654.22	2955.96
		35	142.92	2.75	-263.99	-178.99	-82.25	124.30	2.340e+04	8288.36	1.110e+04	2.059e+04	-5876.13
		44	65.71	-69.96	-198.34	-197.19	-71.11	-12.08	6917.71	-3647.65	4972.61	-1702.56	4094.79
		20	52.40	-80.79	-211.10	-209.61	-82.28	13.84	7368.82	-528.92	-523.53	7363.43	-206.18
298	120	366	43.76	-14.58	-232.43	-184.83	-62.19	-90.02	-2124.25	-7067.61	-3040.62	-6151.24	1920.99
		35	96.08	-4.25	-250.76	-191.24	-63.77	105.50	1.552e+04	5399.69	7353.75	1.356e+04	-3993.83
		44	41.76	-50.93	-173.18	-172.61	-51.50	-8.29	5587.22	-294.89	3778.39	1513.93	2714.38
		20	45.19	-60.85	-188.03	-185.65	-63.24	17.26	6742.02	260.39	266.15	6736.26	-193.18
298	152	366	43.74	-18.97	-242.02	-197.99	-63.01	-88.79	-2106.86	-7059.04	-3009.57	-6156.33	1911.93
		35	96.73	-6.28	-261.81	-204.26	-63.82	106.74	1.562e+04	5447.23	7405.63	1.366e+04	-4010.00
		44	42.10	-50.23	-181.17	-180.79	-50.61	-7.05	5656.15	-231.09	3818.06	1607.00	2728.13
		20	45.22	-60.50	-196.52	-193.96	-63.07	18.49	6733.64	280.44	285.05	6729.02	-172.59
299	67	36	16.46	-79.45	-185.16	-156.54	-108.06	-46.97	2291.83	767.67	771.63	2287.87	-77.59
		48	17.84	-102.72	-165.07	-162.50	-105.30	12.41	2502.59	403.43	463.54	2442.48	-350.12
		46	47.84	-17.23	-233.08	-163.54	-86.77	-100.87	-1526.39	-7577.12	-1526.82	-7576.69	50.80
		25	50.60	-46.72	-211.49	-162.31	-95.90	75.39	-1650.81	-8011.10	-1650.90	-8011.01	-23.68
299	119	36	8.79	-70.15	-141.20	-126.70	-84.65	-28.63	1068.20	406.93	424.32	1050.81	-105.81
		48	10.00	-76.98	-135.01	-130.57	-81.42	15.43	1255.09	135.17	193.97	1196.29	-249.80
		46	40.65	-31.62	-191.97	-152.30	-71.29	-69.19	-1312.53	-6485.60	-1312.95	-6485.18	46.20
		25	43.02	-43.28	-187.59	-151.53	-79.34	62.48	-1413.39	-6844.66	-1413.72	-6844.33	-42.15
299	151	36	8.06	-72.33	-141.75	-128.14	-85.94	-27.57	925.25	365.07	389.35	900.97	-114.07
		48	9.29	-77.55	-136.95	-131.95	-82.55	16.49	1115.13	96.88	160.15	1051.86	-245.80
		46	41.53	-35.49	-196.09	-158.29	-73.29	-68.13	-1342.79	-6629.33	-1343.23	-6628.90	48.01
		25	43.95	-45.47	-193.60	-157.57	-81.49	63.55	-1444.71	-6993.85	-1445.10	-6993.46	-46.37
300	67	299	20.32	-42.63	-218.38	-153.39	-107.62	-84.85	2903.54	374.04	388.13	2889.44	-188.31
		390	20.91	-112.75	-137.12	-132.66	-117.21	-9.43	3030.69	908.45	917.30	3021.84	-136.75
		283	38.88	16.09	-293.44	-164.10	-113.24	-152.67	-1176.74	-5838.62	-1176.77	-5838.60	-10.64
		18	39.63	-76.68	-179.60	-168.72	-87.56	31.64	-1254.66	-6263.91	-1254.66	-6263.91	0.74
300	115	299	11.44	-56.79	-154.91	-125.03	-86.67	-45.15	1531.24	174.87	183.18	1522.93	-105.82
		390	12.38	-92.03	-115.44	-109.88	-97.58	9.96	1639.10	569.92	588.14	1620.88	-138.38
		283	33.93	-23.35	-223.29	-149.65	-96.99	-96.44	-1052.24	-5189.38	-1052.25	-5189.37	8.13
		18	34.83	-57.59	-169.77	-152.31	-75.05	40.67	-1114.19	-5512.47	-1114.37	-5512.30	28.04
300	147	299	10.61	-62.09	-153.31	-126.73	-88.67	-41.45	1383.85	150.58	158.40	1376.03	-97.93
		390	11.71	-91.28	-120.87	-111.77	-100.38	13.66	1496.63	540.82	563.33	1474.12	-144.93
		283	34.84	-31.24	-224.65	-155.34	-100.56	-92.75	-1083.95	-5337.55	-1083.99	-5337.51	12.06
		18	35.80	-58.10	-177.57	-157.84	-77.83	44.36	-1145.84	-5660.85	-1146.09	-5660.59	34.11
301	76	43	34.69	-105.91	-168.70	-162.00	-112.61	-19.38	5450.89	2275.88	2283.85	5442.92	-158.87
		291	37.37	-107.44	-160.23	-158.48	-109.19	-9.45	5786.99	1166.42	1287.95	5665.46	-739.44
		48	17.79	-90.79	-163.76	-155.55	-99.00	-23.06	2605.05	459.89	550.38	2514.57	-431.18
		36	16.36	-99.12	-156.30	-155.10	-100.32	-8.20	2325.59	728.30	729.60	2324.29	45.56
301	117	43	26.90	-66.75	-117.85	-104.13	-80.47	-22.64	4265.97	1691.38	1703.50	4253.85	-176.24
		291	29.27	-70.55	-108.87	-101.29	-78.13	-15.27	4543.20	842.25	947.56	4437.89	-615.35
		48	13.87	-65.02	-135.97	-125.55	-75.44	-25.12	2049.68	384.63	435.43	1998.88	-286.35
		36	12.83	-71.79	-129.11	-125.10	-75.79	-14.61	1838.73	530.08	530.22	1838.60	-13.45
301	149	43	26.89	-64.71	-116.95	-100.58	-81.08	-24.23	4261.71	1682.48	1696.15	4248.04	-187.25
		291	29.36	-68.91	-107.59	-97.73	-78.76	-16.85	4550.70	834.25	942.31	4442.64	-624.45

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		48	13.93	-65.48	-138.48	-126.86	-77.10	-26.70	2052.92	387.77	435.40	2005.28	-277.58
		36	12.84	-72.47	-131.27	-126.41	-77.33	-16.20	1834.57	528.45	528.87	1834.14	-23.54
302	76	44	37.33	-101.67	-183.70	-178.29	-107.08	-20.36	5309.10	4433.03	4466.49	5275.63	-167.93
		16	34.37	-105.77	-167.21	-166.82	-106.15	4.85	4877.18	-126.16	360.15	4390.87	-1482.13
		291	36.97	-92.07	-159.22	-154.39	-96.90	-17.35	5846.88	1434.09	1542.98	5737.99	-684.58
		43	32.61	-97.05	-160.66	-158.37	-99.35	-11.85	5158.33	2021.42	2035.57	5144.18	-210.22
302	119	44	28.78	-67.30	-94.57	-88.83	-73.04	-11.12	4329.04	3360.48	3365.89	4323.64	-72.13
		16	26.94	-69.65	-82.26	-79.61	-72.31	5.14	3775.72	-143.96	157.36	3474.40	-1044.16
		291	29.00	-67.63	-103.33	-100.42	-70.55	-9.77	4580.42	1080.22	1151.67	4508.97	-494.97
		43	26.55	-71.09	-104.40	-103.00	-72.49	-6.68	4233.92	1571.69	1585.09	4220.53	-188.36
302	155	44	28.95	-67.21	-86.18	-80.34	-73.05	-8.76	4395.98	3343.77	3347.35	4392.41	-61.26
		16	27.11	-64.19	-79.25	-71.12	-72.33	7.51	3771.49	-159.43	128.99	3483.07	-1024.96
		291	29.16	-69.69	-99.02	-97.01	-71.70	-7.40	4590.92	1076.41	1145.87	4521.47	-489.16
		43	27.04	-72.97	-100.30	-99.60	-73.66	-4.32	4307.95	1571.89	1586.08	4293.77	-196.49
303	2	35	143.20	18.18	-358.88	-247.39	-93.31	-172.07	2.312e+04	8275.82	1.112e+04	2.027e+04	5843.06
		47	70.20	27.34	-362.54	-250.61	-84.59	176.38	-3018.94	-1.097e+04	-4564.39	-9425.80	-3146.67
		16	49.13	-53.91	-191.19	-161.73	-83.37	-56.36	7051.84	-488.11	-485.33	7049.06	144.82
		44	66.12	-75.51	-202.59	-183.99	-94.11	44.92	6924.51	-3562.44	4960.45	-1598.38	-4091.39
303	107	35	91.90	14.41	-220.75	-135.48	-70.86	-113.06	1.474e+04	5066.75	7013.13	1.279e+04	3877.08
		47	47.27	46.89	-240.05	-132.91	-60.25	138.79	-1694.41	-7139.83	-2867.34	-5966.90	-2238.60
		16	44.35	-44.28	-109.10	-93.43	-59.94	-27.75	6587.04	55.49	57.58	6584.95	116.94
		44	40.76	-46.52	-134.52	-109.03	-72.01	39.91	5239.30	-617.32	3585.94	1036.04	-2636.19
303	139	35	91.75	13.93	-215.19	-130.17	-71.09	-110.68	1.472e+04	5059.76	7006.17	1.278e+04	3875.92
		47	47.35	51.50	-238.85	-127.56	-59.79	141.16	-1701.88	-7141.18	-2877.73	-5965.33	-2239.02
		16	44.40	-45.29	-104.39	-89.99	-59.69	-25.37	6588.52	52.61	54.89	6586.24	121.92
		44	40.74	-43.67	-134.52	-105.68	-72.52	42.29	5226.99	-622.05	3580.32	1024.62	-2630.57
304	2	382	14.92	15.47	-97.04	-16.90	-64.67	50.93	2146.01	1527.93	1535.54	2138.39	-68.17
		55	18.38	47.27	-322.02	-154.33	-120.43	183.87	280.36	-1161.47	-753.87	-127.24	-649.27
		52	12.23	172.26	-115.32	-111.98	168.93	-30.78	-805.26	-1179.66	-862.38	-1122.53	-134.63
		231	37.96	-57.42	-624.85	-242.61	-439.65	266.06	-147.31	-3714.29	-158.79	-3702.81	-202.03
304	123	382	13.62	51.39	-66.06	37.73	-52.39	37.66	1174.98	-943.30	-765.46	997.14	587.45
		55	17.95	9.55	-222.01	-87.42	-125.04	114.24	1576.56	-423.42	374.72	778.42	979.41
		52	27.39	100.34	-85.24	-80.68	95.77	-28.75	-1159.74	-3924.11	-1232.87	-3850.98	443.65
		231	28.49	-98.70	-459.02	-207.11	-350.61	165.26	-71.51	-2651.72	-74.99	-2648.25	94.69
304	149	382	13.91	39.09	-55.33	35.84	-52.09	17.21	1155.36	-973.69	-749.22	930.88	653.86
		55	17.47	-9.91	-200.57	-88.18	-122.31	93.79	1530.88	-566.56	377.70	586.62	1043.50
		52	28.91	112.18	-89.05	-76.20	99.33	-49.20	-1202.50	-4114.20	-1271.90	-4044.79	444.16
		231	28.57	-114.50	-438.97	-203.58	-349.89	144.80	-83.75	-2722.04	-89.28	-2716.51	120.70
305	76	383	17.42	169.58	19.27	41.32	147.53	53.19	-326.02	-2605.26	-2561.18	-370.09	-313.86
		56	20.97	28.23	-180.98	22.49	-175.24	34.19	2770.03	1537.47	1825.79	2481.71	-521.77
		55	20.75	77.73	-253.02	-51.96	-123.33	161.48	2414.58	541.45	1157.74	1798.29	880.10
		382	14.85	78.65	2.35	78.07	2.93	6.64	-230.72	-2016.10	-1841.67	-405.14	530.08
305	120	383	15.22	179.48	-10.05	30.66	138.76	77.84	-270.50	-2012.87	-1892.49	-390.88	-441.88
		56	17.46	42.30	-138.20	15.27	-111.17	64.41	2272.78	973.24	1469.69	1776.33	-631.42
		55	15.41	108.03	-217.80	-39.23	-70.53	162.16	1534.88	590.72	891.70	1233.91	439.98
		382	10.01	89.95	-1.36	61.83	26.75	42.15	-391.96	-1436.65	-1393.86	-434.74	207.05
305	152	383	15.79	188.86	-15.95	30.52	142.39	85.78	-268.01	-2025.34	-1880.72	-412.63	-482.95
		56	18.00	48.38	-141.58	14.94	-108.13	72.35	2313.95	926.37	1480.81	1759.51	-679.65
		55	15.30	117.49	-223.89	-39.04	-67.36	170.10	1475.19	628.55	890.58	1213.16	391.39
		382	10.02	98.89	-6.16	62.19	30.54	50.09	-430.94	-1422.44	-1393.94	-459.43	165.66
306	86	388	15.91	166.69	-112.12	-111.06	165.63	17.17	1087.21	-851.60	342.21	-106.60	-943.07
		57	29.62	-72.17	-243.47	-101.98	-213.66	-64.95	3688.61	-868.13	789.20	2031.28	-2192.10
		56	22.53	7.35	-174.08	-7.15	-159.57	49.21	2999.45	1138.67	1743.04	2395.08	-871.39
		383	18.46	181.84	128.28	134.50	175.62	17.16	93.11	-2385.39	-2376.60	84.32	-147.34
306	94	388	12.73	134.92	-96.83	-96.81	134.90	2.31	981.56	-580.02	416.34	-14.81	-750.44
		57	23.80	-56.06	-198.75	-89.23	-165.58	-60.27	2985.36	-554.65	795.20	1635.51	-1719.42
		56	17.20	-5.44	-123.69	-11.81	-117.32	26.70	2395.36	1033.07	1505.76	1922.68	-648.46
		383	12.98	143.15	97.80	97.88	143.07	1.90	126.66	-1681.60	-1676.29	121.36	-97.78
306	152	388	15.49	157.55	-101.60	-90.55	146.49	52.38	1128.90	-554.55	485.84	88.52	-817.94
		57	24.16	-82.08	-151.47	-83.62	-149.94	-10.20	2990.68	-718.89	807.15	1464.65	-1825.42
		56	20.02	32.53	-151.57	-8.72	-110.31	76.77	2496.30	651.78	1419.08	1729.01	-909.15
		383	14.76	186.61	69.84	101.62	154.82	51.97	255.60	-1748.52	-1702.33	209.41	-300.71
307	76	233	62.25	148.57	-998.48	-898.40	48.49	-323.70	4185.82	-1119.04	4059.53	-992.75	-808.71
		53	34.31	-133.60	-545.99	-464.66	-214.93	164.09	2074.38	-2469.04	-1311.96	917.31	-1979.45
		57	40.03	-45.23	-433.92	-213.11	-266.04	-192.53	3225.62	-1801.40	317.84	1106.39	-2482.39
		388	22.90	324.89	38.06	182.73	180.22	143.41	3236.91	753.63	1299.27	2691.27	-1028.22
307	94	233	49.88	112.69	-797.87	-724.05	38.86	-248.53	3399.48	-820.44	3295.29	-716.25	-654.85
		53	25.51	-118.65	-414.32	-377.85	-155.12	97.22	1750.07	-1764.45	-788.90	774.52	-1573.81
		57	31.77	-30.34	-347.64	-179.28	-198.70	-158.35	2627.07	-1298.24	422.14	906.69	-1947.65
		388	17.48	241.54	51.34	136.51	156.37	94.58	2601.50	699.24	1174.03	2126.71	-823.25
307	126	233	50.30	113.32	-804.22	-729.50	38.60	-250.95	3441.94	-812.25	3336.31	-706.63	-661.97
		53	25.57	-121.39	-417.72	-383.42	-155.69	94.80	1781.54	-1740.19	-746.62	787.97	-1584.90
		57	31.99	-29.16	-351.16	-181.60	-198.72	-160.77	2658.67	-1280.73	458.98	918.95	-1956.23

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		388	17.63	238.84	53.06	134.34	157.55	92.16	2623.29	722.68	1209.89	2136.08	-829.83
308	21	414	9.73	40.76	-172.09	-171.23	39.90	13.46	-562.60	-749.22	-740.46	-571.37	39.48
		413	8.82	-10.19	-217.29	-122.57	-104.91	103.17	266.89	-369.75	247.60	-350.47	109.12
		354	4.78	89.48	-27.38	58.00	4.11	-51.84	183.70	-119.14	-114.99	179.55	35.21
		458	5.03	-35.41	-93.91	-35.45	-93.87	1.56	361.92	6.94	9.43	359.43	29.60
308	102	414	7.46	37.51	-139.24	-137.61	35.88	16.88	-204.78	-439.55	-423.57	-220.76	59.13
		413	6.45	-1.18	-174.64	-98.45	-77.37	86.08	355.30	-45.13	335.06	-24.89	87.73
		354	2.53	62.33	-15.01	43.90	3.43	-32.95	-27.62	-129.17	-28.28	-128.51	8.15
		458	2.87	-25.39	-65.65	-26.60	-64.44	6.88	155.81	-73.00	-56.15	138.96	59.76
308	133	414	7.10	32.23	-136.51	-134.74	30.47	17.16	-126.10	-369.51	-355.74	-139.88	56.24
		413	6.58	3.42	-170.59	-94.17	-73.00	86.36	409.40	-42.10	385.36	-18.06	101.38
		354	2.85	65.28	-10.86	46.74	7.68	-32.68	23.60	-120.66	23.06	-120.12	-8.81
		458	3.44	-23.73	-71.21	-24.84	-70.11	7.15	228.77	3.76	12.07	220.46	42.45
309	88	508	6.21	41.95	-38.70	13.09	-9.85	38.66	865.26	195.38	865.23	195.42	4.57
		351	4.21	8.14	-53.47	-4.79	-40.54	-25.09	222.63	-208.70	37.10	-23.17	-213.55
		306	2.98	24.52	-17.28	20.10	-12.85	-12.86	284.06	-21.20	167.26	95.59	-148.37
		516	5.42	34.24	-34.12	15.68	-15.56	30.40	484.41	-220.45	483.87	-219.91	19.51
309	116	508	4.90	19.29	-22.09	5.91	-8.70	19.36	736.08	151.85	736.03	151.90	-5.20
		351	4.37	14.42	-41.80	-2.67	-24.71	-25.86	385.55	-85.35	262.16	38.04	-207.07
		306	3.82	31.46	-13.91	20.90	-3.35	-19.17	397.91	36.08	324.46	109.54	-145.54
		516	3.85	8.49	-19.54	4.48	-15.53	9.82	431.89	-111.87	431.84	-111.82	-5.19
309	148	508	5.13	14.99	-19.93	5.50	-10.45	15.53	782.13	164.21	782.01	164.32	-8.33
		351	4.76	17.95	-45.25	-2.81	-24.49	-29.69	429.97	-72.34	307.99	49.64	-215.39
		306	4.21	34.74	-17.09	20.76	-3.11	-23.00	439.01	45.77	364.66	120.13	-153.99
		516	4.06	5.65	-18.84	4.08	-17.27	5.99	472.24	-100.59	472.12	-100.47	-8.34
310	2	249	17.25	-4.92	-338.88	-73.37	-270.42	-134.82	2619.45	-567.84	2394.42	-342.81	-816.46
		214	32.96	115.14	-328.99	-206.81	-7.04	-198.33	6065.42	-955.96	283.02	4826.43	-2676.62
		248	8.47	2.93	-255.56	-154.15	-98.48	-126.21	1485.98	421.93	436.60	1471.31	-124.09
		238	2.72	24.65	-42.75	15.67	-33.77	22.91	471.12	-109.64	-48.57	410.04	178.16
310	116	249	13.03	14.86	-261.01	-49.98	-196.17	-116.97	1918.75	-377.07	1766.49	-224.81	-571.30
		214	25.68	88.14	-260.43	-149.16	-23.13	-162.49	4737.61	-764.28	214.41	3758.92	-2104.00
		248	6.79	12.58	-210.36	-106.48	-91.30	-111.21	1126.10	169.10	191.15	1104.04	-143.60
		238	2.84	20.29	-20.03	20.22	-19.96	1.71	342.44	-315.33	-246.01	273.12	201.97
310	148	249	13.08	18.82	-263.53	-48.89	-195.83	-120.55	1907.00	-371.51	1759.07	-223.58	-561.40
		214	25.80	89.90	-264.13	-148.40	-25.83	-166.07	4740.79	-773.70	207.91	3759.18	-2109.39
		248	6.90	15.28	-214.58	-105.37	-93.93	-114.79	1125.67	139.04	162.00	1102.71	-148.75
		238	3.04	21.76	-19.77	21.68	-19.68	-1.87	343.41	-348.39	-274.69	269.72	213.43
311	2	186	6.31	13.51	-170.60	3.28	-160.37	-42.19	264.86	5.34	99.27	170.94	-124.72
		305	6.87	118.15	-46.45	53.45	18.24	-80.40	-100.72	-767.52	-740.53	-127.71	-131.41
		528	10.06	61.64	-164.33	59.52	-162.21	-21.83	328.38	-301.19	-289.31	316.50	-85.67
		526	20.27	204.03	-98.51	33.17	72.35	-150.00	1889.74	175.91	631.46	1434.18	-757.11
311	117	186	8.27	4.42	-165.96	1.19	-162.73	-23.26	506.11	-4.14	54.30	447.66	-162.50
		305	5.21	73.69	-20.26	41.10	12.34	-44.72	-72.74	-655.62	-626.74	-101.62	-126.49
		528	8.17	50.82	-108.67	50.67	-108.53	-4.77	327.08	-335.87	-296.99	288.20	-155.76
		526	14.70	108.81	-95.57	22.34	-9.10	-100.97	1571.02	96.99	437.57	1230.44	-621.31
311	149	186	8.91	3.74	-171.53	0.83	-168.63	-22.36	568.98	-6.71	50.08	512.19	-171.66
		305	5.32	72.85	-19.90	41.65	11.30	-43.83	-67.07	-673.39	-642.04	-98.41	-134.25
		528	8.38	51.66	-109.59	51.56	-109.50	-3.87	340.70	-359.61	-310.61	291.70	-178.65
		526	15.00	105.46	-98.12	22.29	-14.95	-100.08	1640.64	89.29	434.72	1295.21	-645.42
312	2	492	7.31	63.40	-112.62	-76.94	27.72	70.77	401.93	140.02	145.67	396.28	-38.05
		480	17.42	-44.16	-423.72	-236.90	-230.99	189.76	301.36	72.97	73.20	301.13	-7.22
		438	11.63	172.85	-23.36	130.73	18.76	80.56	-125.79	-505.07	-423.09	-207.76	-156.12
		437	20.21	140.28	-305.01	-6.14	-158.58	209.19	139.67	-405.26	50.77	-316.36	201.35
312	119	492	13.73	141.16	-137.85	-57.28	60.59	126.44	345.74	-169.46	96.66	79.62	-257.46
		480	16.97	-49.00	-367.76	-198.91	-217.85	159.10	224.65	-225.16	13.86	-14.38	224.46
		438	16.57	218.44	-98.07	141.19	-20.82	135.96	685.89	162.02	600.73	247.18	193.29
		437	15.34	186.12	-195.45	60.49	-69.81	179.32	691.62	55.21	655.63	91.21	-147.01
312	151	492	14.40	154.58	-144.13	-56.79	67.24	135.87	350.26	-164.74	98.27	87.25	-257.44
		480	17.68	-45.96	-384.03	-201.87	-228.12	168.53	229.20	-222.82	15.08	-8.71	225.70
		438	17.15	222.99	-114.08	139.70	-30.79	145.38	689.55	167.20	603.60	253.15	193.67
		437	15.95	198.61	-199.10	62.38	-62.87	188.74	695.26	62.78	658.90	99.15	-147.23
313	66	437	22.69	426.28	-158.77	396.31	-128.80	128.97	459.16	7.08	178.68	287.55	219.39
		438	20.85	225.67	-208.41	13.40	3.86	216.99	1433.01	299.17	1419.23	312.95	-124.25
		380	20.16	429.33	68.57	72.36	425.55	-36.76	1189.09	100.99	1089.54	200.54	-313.71
		443	36.27	-315.77	-817.78	-664.50	-469.04	231.19	-213.19	-985.34	-950.94	-247.59	159.30
313	119	437	18.86	340.66	-142.43	302.93	-104.70	129.62	327.86	19.70	156.15	191.41	153.07
		438	17.59	209.17	-185.21	14.45	9.52	197.18	1110.33	228.91	1103.15	236.09	-79.24
		380	16.51	324.40	46.18	46.31	324.27	5.96	963.38	93.92	899.35	157.95	-227.10
		443	28.49	-215.95	-657.05	-510.97	-362.03	207.60	-153.30	-672.91	-638.67	-187.53	128.90
313	151	437	19.22	345.02	-147.47	303.30	-105.76	137.13	323.44	20.12	156.92	186.64	150.93
		438	17.99	216.86	-192.55	15.00	9.31	204.68	1111.26	227.51	1104.54	234.24	-76.80
		380	16.77	324.60	44.11	44.76	323.95	13.47	975.74	97.93	914.78	158.89	-223.15
		443	28.75	-210.41	-665.78	-512.73	-363.46	215.11	-154.73	-659.10	-624.03	-189.80	128.29

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
314	66	438	29.08	187.96	-65.41	71.24	51.31	-126.29	751.94	-1862.12	-1643.11	532.92	724.26
		444	28.73	51.66	-59.70	30.67	-38.72	43.55	3300.83	1573.94	2202.48	2672.28	830.88
		256	31.92	35.51	-142.86	-112.73	5.38	-66.83	-1009.82	-3422.76	-1065.31	-3367.27	361.70
		480	16.28	-82.33	-171.66	-98.09	-155.91	34.05	264.64	-1034.54	192.27	-962.17	297.97
314	119	438	23.24	129.31	-87.24	47.56	-5.48	-104.98	416.86	-1520.03	-1330.11	226.95	575.99
		444	20.74	29.41	-47.67	23.47	-41.73	20.55	2434.87	1071.89	1643.65	1863.11	672.59
		256	25.62	26.77	-113.21	-78.63	-7.82	-60.37	-788.91	-2786.25	-833.80	-2741.35	296.08
		480	14.20	-71.94	-158.02	-74.36	-155.61	14.21	182.63	-877.89	123.46	-818.72	243.41
314	151	438	23.50	127.17	-96.66	45.99	-15.48	-107.61	392.44	-1533.98	-1339.25	197.72	580.69
		444	20.45	27.75	-49.22	23.33	-44.80	17.91	2412.46	1042.50	1632.20	1822.75	678.32
		256	25.90	27.42	-115.10	-77.12	-10.55	-63.01	-796.81	-2825.41	-841.35	-2780.87	297.25
		480	14.74	-72.83	-166.72	-74.28	-165.27	11.57	176.12	-905.20	118.04	-847.12	243.79
315	87	380	20.82	274.51	-12.92	-7.52	269.11	39.03	683.33	-1081.28	-735.38	337.43	-700.52
		451	13.11	91.57	13.78	90.77	14.57	7.83	888.26	-566.95	360.71	-39.39	-699.56
		444	23.46	54.33	0.66	53.84	1.15	5.08	2487.50	2104.51	2277.25	2314.76	190.58
		438	21.83	239.80	-36.32	66.36	137.12	-133.45	-441.66	-1998.71	-1991.98	-448.39	102.15
315	109	380	17.74	205.00	-2.87	-2.63	204.76	7.01	533.15	-917.61	-698.17	313.70	-519.81
		451	10.42	74.63	-4.28	71.99	-1.65	-14.18	643.36	-375.52	198.56	69.28	-505.32
		444	17.98	45.39	-20.09	41.77	-16.47	-14.96	2029.56	1569.18	1722.97	1875.78	217.14
		438	18.54	203.40	-53.04	54.84	95.52	-126.59	-301.41	-1578.04	-1565.53	-313.93	125.77
315	141	380	18.03	204.78	-2.10	-2.04	204.71	3.63	536.72	-934.17	-719.53	322.08	-519.27
		451	10.48	76.09	-7.71	72.23	-3.85	-17.56	636.01	-370.50	178.86	86.65	-501.14
		444	18.01	47.06	-23.81	41.94	-18.69	-18.35	2052.79	1563.05	1720.15	1895.69	228.60
		438	18.81	206.92	-56.10	55.37	95.46	-129.97	-289.28	-1584.81	-1570.94	-303.15	133.31
316	76	26	71.89	61.14	-388.08	-333.13	6.19	-147.19	1.596e+04	-2927.21	3854.93	9181.85	9062.31
		418	63.09	-59.30	-243.29	-231.77	-70.82	-44.58	1.731e+04	2680.09	6499.08	1.350e+04	6426.81
		416	101.40	-132.15	-252.83	-226.02	-158.96	-50.17	-5328.54	-2.881e+04	-5494.33	-2.864e+04	1965.92
		45	56.00	61.12	-66.38	-19.67	14.41	-61.43	-604.66	-1.471e+04	-2217.48	-1.310e+04	4489.29
316	123	26	55.62	54.42	-287.75	-249.47	16.14	-107.85	1.220e+04	-2611.02	2861.03	6727.12	7148.34
		418	47.95	-40.36	-179.19	-170.92	-48.63	-32.86	1.300e+04	1599.70	4842.59	9761.58	5144.71
		416	80.03	-95.69	-170.11	-152.27	-113.53	-31.77	-4216.92	-2.276e+04	-4356.62	-2.262e+04	1603.36
		45	44.40	65.94	-32.70	7.61	25.63	-48.49	-493.81	-1.164e+04	-1773.35	-1.036e+04	3553.66
316	155	26	55.70	55.10	-285.75	-248.05	17.40	-106.90	1.218e+04	-2680.85	2841.51	6659.61	7182.02
		418	47.81	-40.68	-177.55	-169.66	-48.57	-31.91	1.294e+04	1508.63	4810.98	9634.32	5180.15
		416	80.50	-95.12	-166.20	-148.36	-112.95	-30.82	-4242.58	-2.289e+04	-4384.60	-2.274e+04	1620.99
		45	44.62	67.80	-28.56	11.78	27.46	-47.54	-505.81	-1.171e+04	-1789.41	-1.043e+04	3569.16
317	2	24	42.93	17.21	-386.06	-383.75	14.89	-30.46	1.188e+04	3270.89	3601.53	1.155e+04	1654.88
		419	76.45	-18.19	-286.29	-285.84	-18.65	-11.04	2.323e+04	1.039e+04	1.124e+04	2.238e+04	3205.24
		418	56.35	-31.37	-287.92	-270.27	-49.03	-64.94	1.570e+04	3821.24	6864.34	1.266e+04	5185.10
		26	64.81	61.06	-352.59	-330.05	38.52	-93.89	1.479e+04	-2599.90	3989.36	8203.03	8437.02
317	102	24	32.57	16.24	-294.41	-291.51	13.34	-29.87	9076.58	2664.57	2867.42	8873.73	1122.29
		419	58.70	-7.75	-215.55	-214.62	-8.68	-13.88	1.787e+04	8101.77	8665.21	1.731e+04	2277.53
		418	43.26	-14.35	-217.15	-199.26	-32.23	-57.50	1.205e+04	3015.92	5281.13	9785.69	3915.98
		26	49.86	50.62	-271.79	-249.66	28.49	-81.51	1.130e+04	-1955.20	3089.82	6259.83	6437.78
317	137	24	33.07	20.73	-297.74	-295.04	18.02	-29.24	9145.04	2559.12	2810.23	8893.93	1261.25
		419	58.71	-4.28	-219.30	-218.48	-5.10	-13.26	1.789e+04	7960.40	8599.60	1.725e+04	2436.58
		418	43.71	-10.10	-213.24	-195.81	-27.53	-56.88	1.214e+04	2845.95	5256.94	9733.03	4074.89
		26	50.63	56.15	-267.62	-245.96	34.50	-80.89	1.145e+04	-2094.81	3074.80	6276.30	6578.41
318	2	113	55.17	-99.20	-424.10	-348.98	-174.32	-136.98	1.429e+04	3213.93	1.410e+04	3412.13	-1468.61
		330	43.00	-30.13	-309.28	-300.99	-38.42	47.37	-2988.44	-1.226e+04	-6966.80	-8277.13	-4586.98
		214	39.29	-51.00	-263.72	-255.52	-59.20	40.95	9404.44	-1452.39	773.32	7178.73	-4382.96
		249	16.46	50.73	-318.21	1.49	-268.97	125.47	3051.69	-957.08	2651.85	-557.25	-1201.24
318	112	113	42.04	-55.16	-334.02	-259.45	-129.73	-123.43	1.094e+04	2475.28	1.080e+04	2613.64	-1073.25
		330	33.63	-41.36	-223.53	-221.82	-43.07	17.55	-2436.40	-9459.73	-5415.46	-6480.66	-3471.04
		214	29.54	-62.02	-187.45	-186.73	-62.74	9.48	7144.79	-1154.09	558.02	5432.69	-3358.17
		249	12.39	32.38	-221.05	8.07	-196.74	74.62	2268.78	-697.08	1965.98	-394.28	-897.98
318	144	113	41.97	-50.58	-336.91	-257.65	-129.83	-128.11	1.093e+04	2479.06	1.079e+04	2615.02	-1063.30
		330	33.78	-44.96	-221.46	-220.52	-45.90	12.86	-2458.74	-9465.76	-5425.00	-6499.50	-3462.08
		214	29.49	-65.51	-186.22	-186.03	-65.70	4.80	7125.30	-1165.08	546.72	5413.50	-3355.77
		249	12.43	30.77	-218.22	9.27	-196.72	69.94	2259.77	-694.45	1958.38	-393.06	-894.17
319	45	115	59.98	-87.22	-434.57	-368.43	-153.35	-136.38	1.485e+04	2614.32	1.481e+04	2653.14	687.97
		331	44.70	47.81	-313.28	-270.43	4.96	116.78	-5020.61	-1.205e+04	-7792.86	-9276.15	3434.74
		330	39.16	-32.60	-341.01	-333.95	-39.65	-46.12	-3636.87	-1.028e+04	-6837.77	-7081.61	-3320.58
		113	58.56	-145.85	-363.01	-298.84	-210.02	99.08	1.513e+04	2834.64	1.504e+04	2920.51	-1024.01
319	111	115	46.21	-87.15	-328.68	-290.17	-125.66	-88.42	1.145e+04	2009.14	1.143e+04	2032.66	470.69
		331	34.21	66.25	-251.03	-209.98	25.19	106.50	-3877.76	-9156.53	-5911.27	-7123.03	2568.90
		330	29.84	-7.26	-263.83	-262.37	-8.72	-19.30	-2707.45	-7969.24	-5214.59	-5462.10	-2627.98
		113	45.56	-106.13	-304.25	-240.42	-169.96	92.58	1.167e+04	2150.30	1.160e+04	2227.10	-851.71
319	143	115	46.27	-89.92	-327.52	-291.68	-125.76	-85.04	1.147e+04	2009.83	1.144e+04	2032.02	457.56
		331	34.18	73.09	-253.09	-210.53	30.52	109.87	-3884.65	-9137.26	-5897.32	-7124.59	2553.61
		330	29.78	-2.58	-264.59	-263.62	-3.55	-15.92	-2688.20	-7981.15	-5204.89	-5464.47	-2643.29
		113	45.70	-103.65	-308.89	-242.64	-169.90	95.96	1.168e+04	2146.41	1.161e+04	2225.49	-864.89
320	65	2	13.00	176.56	-48.68	96.75	31.13	-107.74	1734.07	-1096.90	1037.06	-399.90	1219.58

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		97	44.67	51.71	-208.90	-75.75	-81.44	130.27	1.158e+04	565.54	1842.03	1.030e+04	3525.48
		331	52.08	-4.97	-257.34	-257.05	-5.27	8.59	-3123.28	-1.467e+04	-7582.92	-1.021e+04	5621.39
		115	53.47	-88.45	-467.47	-395.36	-160.57	148.77	1.332e+04	2570.68	1.313e+04	2762.64	1423.60
320	111	2	9.60	128.40	-20.06	79.48	28.86	-69.79	1288.76	-930.03	743.82	-385.09	955.06
		97	35.07	80.55	-165.66	-48.88	-36.23	122.94	8712.61	296.26	1354.34	7654.53	2790.27
		331	40.79	24.51	-200.53	-197.99	21.97	23.78	-2522.22	-1.148e+04	-5804.08	-8201.13	4317.10
		115	41.43	-54.51	-380.17	-311.08	-123.60	133.14	1.026e+04	1916.84	1.012e+04	2051.65	1051.90
320	143	2	9.51	126.04	-15.62	80.57	29.86	-66.14	1283.46	-953.07	735.15	-404.75	962.12
		97	35.18	89.03	-164.78	-46.76	-28.99	126.59	8653.40	256.77	1333.53	7576.64	2807.44
		331	40.95	32.04	-201.46	-198.19	28.77	27.43	-2550.81	-1.153e+04	-5804.63	-8274.99	4315.72
		115	41.52	-51.42	-384.20	-312.55	-123.07	136.79	1.027e+04	1905.73	1.014e+04	2037.24	1040.36
321	23	352	2.55	30.42	-45.15	-3.09	-11.63	37.54	453.66	250.24	336.04	367.85	100.46
		353	2.99	-10.14	-47.59	-12.47	-45.25	-9.06	694.30	438.78	549.51	583.57	-126.62
		237	2.04	26.29	-36.21	26.26	-36.18	-1.37	409.98	273.50	384.83	298.66	-52.92
		92	2.70	55.59	-27.38	33.63	-5.42	36.61	334.22	101.34	195.02	240.53	114.19
321	101	352	2.18	30.93	-42.19	-3.34	-7.91	36.49	340.33	216.91	288.26	268.99	60.95
		353	2.60	-11.01	-32.77	-11.11	-32.68	1.41	603.90	369.38	449.17	524.11	-111.11
		237	1.74	21.25	-27.34	20.17	-26.26	7.17	362.61	269.83	311.94	320.51	-46.19
		92	2.37	50.11	-27.05	25.76	-2.69	35.86	287.22	126.44	188.81	224.85	78.35
321	133	352	2.23	32.72	-43.75	-3.33	-7.70	38.17	349.55	240.29	305.97	283.86	53.50
		353	2.75	-10.71	-32.98	-11.15	-32.54	3.09	642.24	389.23	470.42	561.05	-118.11
		237	1.88	22.20	-27.69	20.57	-26.07	8.85	396.04	293.29	331.86	357.48	-49.75
		92	2.45	52.07	-28.30	26.23	-2.46	37.54	301.39	148.37	205.63	244.12	74.05
322	56	337	18.26	-155.27	-177.37	-165.82	-166.83	11.04	-1604.99	-2107.64	-1736.33	-1976.29	220.83
		346	19.15	-122.42	-192.50	-145.88	-169.04	33.07	-1120.02	-2477.01	-1135.12	-2461.91	-142.36
		255	18.85	-139.61	-191.61	-149.85	-181.38	20.67	-1108.64	-2379.06	-1161.45	-2326.25	-253.58
		160	21.60	-161.55	-183.23	-168.86	-175.92	-10.25	-2066.71	-2595.44	-2250.60	-2411.56	-251.82
322	114	337	15.14	-93.42	-125.10	-111.82	-106.71	15.63	-1431.81	-1902.32	-1512.15	-1821.99	177.05
		346	16.24	-71.11	-136.53	-97.69	-109.95	32.13	-1054.93	-2259.64	-1060.57	-2254.00	-82.23
		255	15.99	-87.16	-137.10	-103.77	-120.48	23.53	-999.65	-2189.37	-1034.04	-2154.98	-199.32
		160	17.52	-114.39	-117.97	-117.82	-114.54	-0.71	-1749.79	-2268.06	-1859.16	-2158.69	-211.48
322	146	337	15.46	-90.77	-124.29	-108.86	-106.20	16.71	-1473.35	-1965.59	-1550.46	-1888.48	178.91
		346	16.71	-68.34	-136.45	-94.82	-109.97	33.21	-1096.91	-2339.84	-1101.75	-2335.01	-77.35
		255	16.44	-84.72	-137.51	-101.56	-120.67	24.61	-1032.20	-2267.19	-1065.38	-2234.01	-199.70
		160	17.81	-114.11	-115.67	-115.58	-114.21	0.37	-1782.04	-2328.83	-1887.66	-2223.20	-215.87
323	56	160	21.63	-164.71	-196.28	-171.89	-189.10	-13.23	-1961.38	-2583.22	-2204.85	-2339.75	-303.52
		255	19.81	-139.40	-205.36	-147.53	-197.24	21.68	-1194.46	-2462.05	-1229.83	-2426.68	-208.76
		479	11.54	-148.87	-211.09	-149.26	-210.70	-4.92	-357.27	-977.70	-440.85	-894.12	211.82
		173	18.77	-153.78	-216.20	-165.74	-204.24	-24.56	-960.19	-2192.42	-1571.14	-1581.48	-616.09
323	97	160	16.71	-85.37	-184.46	-133.25	-136.57	-49.52	-1451.03	-1925.79	-1644.32	-1732.51	-233.25
		255	14.97	-104.77	-159.38	-117.04	-147.11	-22.79	-870.32	-1815.42	-894.76	-1790.98	-150.01
		479	8.19	-89.20	-184.27	-116.04	-157.44	-42.79	-222.22	-691.43	-299.80	-613.85	174.30
		173	15.09	-78.85	-196.48	-127.74	-147.59	-57.97	-682.35	-1623.02	-1164.61	-1140.77	-470.18
323	129	160	16.89	-77.99	-193.77	-133.66	-138.10	-57.85	-1445.91	-1922.77	-1638.62	-1730.06	-234.01
		255	15.12	-98.59	-168.63	-117.56	-149.66	-31.12	-865.58	-1811.00	-889.63	-1786.94	-148.88
		479	8.27	-82.65	-193.76	-116.45	-159.95	-51.12	-216.68	-686.93	-294.85	-608.75	175.07
		173	15.39	-71.41	-205.68	-128.00	-149.10	-66.30	-677.46	-1619.64	-1159.35	-1137.76	-470.96
324	55	149	5.72	26.45	-62.01	-1.85	-33.71	-41.26	353.98	-199.18	125.92	28.87	-272.29
		14	4.82	23.36	-63.73	8.30	-48.68	32.93	217.49	-257.01	11.07	-50.58	-235.24
		373	4.20	-9.69	-46.59	-9.70	-46.58	0.68	530.32	180.50	300.14	410.68	-165.95
		145	3.80	5.61	-44.10	4.89	-43.37	-5.96	406.48	-160.93	104.06	141.48	-283.09
324	110	149	4.74	9.96	-43.02	-14.26	-18.79	-26.39	285.56	-266.51	6.01	13.04	-276.01
		14	3.28	-0.76	-28.70	-5.83	-23.64	10.76	151.74	-298.06	-87.96	-58.37	-224.41
		373	2.94	-16.05	-23.24	-16.05	-23.24	-0.03	375.49	-7.61	141.96	225.92	-186.89
		145	4.09	1.43	-27.77	-2.66	-23.68	-10.14	369.22	-235.89	48.36	84.97	-302.00
324	142	149	4.98	9.28	-44.91	-16.72	-18.91	-27.07	293.21	-292.36	-9.74	10.58	-292.60
		14	3.37	-3.19	-28.45	-8.21	-23.42	10.08	152.66	-320.32	-104.23	-63.42	-235.61
		373	3.00	-17.15	-22.89	-17.23	-22.80	-0.71	383.05	-24.02	136.11	222.93	-198.85
		145	4.32	0.85	-28.48	-3.91	-23.73	-10.81	383.62	-256.40	43.02	84.20	-319.35
325	67	145	4.06	6.68	-50.78	3.94	-48.05	-12.24	423.18	-95.21	175.51	152.45	-258.94
		373	4.66	-5.40	-54.99	-7.57	-52.82	10.14	530.81	209.34	297.93	442.22	-143.64
		78	6.98	-13.35	-65.20	-22.73	-55.82	19.96	916.13	509.56	509.87	915.83	11.18
		152	4.21	-4.93	-55.04	-4.95	-55.02	-1.00	438.30	196.65	198.78	436.17	22.59
325	116	145	3.67	-5.35	-33.50	-5.83	-33.02	-3.67	353.74	-223.32	77.66	52.75	-288.26
		373	3.60	-8.62	-39.42	-14.43	-33.61	12.05	352.03	-36.95	105.07	210.01	-187.27
		78	4.87	-6.54	-50.45	-22.17	-34.82	21.02	597.76	268.36	297.57	568.55	-93.64
		152	3.09	-5.94	-33.82	-7.07	-32.70	5.49	339.42	47.67	116.46	270.62	-123.85
325	148	145	3.81	-6.92	-33.71	-7.23	-33.40	-2.85	365.35	-246.78	69.95	48.62	-305.88
		373	3.74	-8.89	-40.16	-15.63	-33.42	12.86	360.18	-55.41	97.27	207.49	-200.35
		78	4.96	-6.07	-51.28	-22.85	-34.51	21.84	605.26	258.23	295.21	568.29	-107.07
		152	3.24	-6.26	-34.14	-7.76	-32.64	6.30	354.77	30.52	113.94	271.34	-141.74
326	55	152	4.37	-3.96	-68.94	-3.96	-68.94	0.27	395.50	199.31	203.72	391.09	-29.06
		78	7.03	-17.79	-79.99	-25.74	-72.04	20.77	845.84	468.71	469.52	845.04	17.40

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		80	10.67	-19.42	-99.06	-50.11	-68.37	38.76	1548.90	538.38	584.92	1502.35	211.82
		241	8.77	-14.04	-87.38	-20.65	-80.77	21.00	1128.86	173.09	291.22	1010.73	314.57
326	110	152	3.44	-5.46	-35.47	-5.46	-35.46	-0.49	417.68	91.03	155.44	353.27	-129.96
		78	5.56	-15.47	-52.91	-23.54	-44.83	15.40	702.77	309.29	328.34	683.73	-84.45
		80	8.37	-10.60	-69.84	-39.47	-40.97	29.61	1239.81	453.80	459.79	1233.81	68.38
		241	6.25	-8.80	-51.26	-15.99	-44.07	15.92	855.45	217.05	239.98	832.52	118.81
326	142	152	3.59	-5.80	-34.47	-5.82	-34.44	-0.85	445.92	84.83	158.71	372.04	-145.67
		78	5.75	-16.24	-52.78	-24.14	-44.88	15.04	732.58	308.75	332.87	708.45	-98.19
		80	8.52	-10.78	-69.29	-39.23	-40.84	29.25	1263.36	464.11	468.12	1259.35	56.49
		241	6.32	-8.63	-49.95	-15.70	-42.88	15.56	869.79	229.44	247.11	852.12	104.90
327	87	241	7.43	-3.17	-90.34	-15.29	-78.22	30.16	823.30	221.55	223.03	821.82	29.84
		80	9.38	-22.04	-103.60	-58.18	-67.46	40.51	1277.59	498.83	507.02	1269.40	79.42
		374	22.40	-4.42	-129.07	-70.98	-62.52	62.18	3509.70	710.02	758.61	3461.11	365.65
		370	16.48	-31.69	-119.46	-73.55	-77.60	43.84	2378.41	-18.38	296.91	2063.12	810.11
327	110	241	6.78	-1.28	-58.36	-8.10	-51.54	18.52	899.05	212.09	243.57	867.57	143.65
		80	10.81	-21.74	-76.50	-45.91	-52.34	27.19	1617.28	559.63	572.48	1604.43	115.86
		374	18.24	-1.86	-88.55	-43.43	-46.97	43.31	2865.96	503.25	582.79	2786.42	426.13
		370	13.73	-15.92	-75.20	-43.57	-47.55	29.58	1845.08	-207.39	171.08	1466.61	795.97
327	142	241	6.91	-0.95	-56.28	-7.57	-49.65	17.96	929.17	222.47	253.01	898.64	143.69
		80	11.49	-22.54	-76.32	-45.74	-53.11	26.64	1725.90	586.66	597.74	1714.81	111.83
		374	18.97	-1.20	-86.94	-40.94	-47.21	42.76	2978.46	514.96	598.54	2894.87	446.01
		370	14.07	-13.75	-71.98	-40.55	-45.18	29.02	1887.91	-222.22	169.97	1495.73	820.83
328	68	41	10.83	-122.84	-275.96	-142.07	-256.73	50.74	252.64	-617.12	-382.89	18.41	385.82
		369	20.11	-64.10	-264.83	-156.53	-172.40	100.05	2141.01	1096.64	1555.23	1682.41	-518.30
		376	21.53	-105.41	-210.54	-111.77	-204.19	25.06	-73.14	-2462.15	-75.43	-2459.86	73.97
		151	18.32	-65.70	-328.87	-151.59	-242.98	123.40	-821.82	-1588.72	-848.73	-1561.82	141.09
328	119	41	12.22	-67.98	-260.90	-107.09	-221.79	77.56	-43.44	-701.01	-258.16	-486.29	308.37
		369	15.30	-37.65	-262.71	-124.65	-175.71	109.60	1311.67	486.03	1079.24	718.46	-371.32
		376	19.61	-54.51	-217.15	-80.26	-191.41	59.37	-97.39	-2138.61	-99.17	-2136.82	60.32
		151	17.75	-14.39	-295.74	-102.55	-207.58	130.51	-630.27	-1615.84	-648.61	-1597.50	133.18
328	151	41	13.23	-63.09	-273.76	-107.73	-229.12	86.09	-70.30	-782.54	-259.85	-592.99	314.77
		369	15.57	-34.28	-278.17	-125.93	-186.52	118.13	1287.30	420.33	1080.94	626.69	-369.21
		376	20.66	-48.35	-231.66	-78.43	-201.58	67.90	-107.22	-2232.42	-109.16	-2230.48	64.20
		151	18.78	-6.85	-307.47	-100.04	-214.28	139.04	-642.25	-1724.78	-661.19	-1705.84	141.95
329	67	54	10.83	-135.47	-265.58	-173.77	-227.29	59.29	927.97	201.25	458.10	671.12	347.40
		371	16.90	-100.18	-259.26	-184.46	-174.99	79.40	1867.65	534.98	1865.84	536.80	-49.16
		369	14.44	-67.10	-241.00	-140.68	-167.41	85.91	1236.50	-160.04	1071.44	5.03	-450.86
		41	8.93	-102.95	-280.14	-142.19	-240.90	73.57	372.82	-89.91	-9.20	292.11	175.59
329	119	54	9.46	-77.79	-261.84	-144.88	-194.76	88.58	511.17	214.09	246.00	479.27	91.99
		371	14.47	-51.27	-256.32	-153.40	-154.19	102.52	1355.77	586.32	1326.27	615.82	-147.74
		369	13.46	-15.27	-235.22	-106.17	-144.33	108.31	1064.42	99.54	896.42	267.54	-365.89
		41	9.09	-41.75	-264.20	-105.78	-200.17	100.71	269.93	109.35	116.99	262.28	34.19
329	151	54	10.03	-72.29	-276.21	-147.95	-200.54	98.51	489.85	215.59	227.91	477.53	56.82
		371	15.03	-45.53	-270.46	-156.41	-159.57	112.45	1359.19	620.07	1318.00	661.26	-169.56
		369	14.12	-7.62	-247.92	-106.42	-149.12	118.24	1101.89	144.24	925.28	320.86	-371.41
		41	9.69	-34.51	-277.02	-106.15	-205.38	110.64	264.22	134.02	135.97	262.28	15.78
330	65	72	15.66	-176.34	-265.43	-244.30	-197.46	37.89	1684.85	-534.81	-297.32	1447.35	686.11
		310	28.49	-99.66	-305.00	-255.40	-149.26	87.89	3775.98	799.34	3551.53	1023.79	785.96
		371	16.59	-82.84	-247.78	-170.32	-160.30	82.32	1804.94	343.95	1789.92	358.97	-147.34
		54	10.96	-113.95	-255.24	-164.60	-204.58	67.76	1166.98	192.25	627.62	731.61	484.59
330	122	72	15.27	-112.17	-170.48	-159.31	-123.34	-22.95	1707.66	-280.05	94.82	1332.79	777.57
		310	23.58	-89.19	-169.42	-166.33	-92.27	15.42	3225.32	684.22	2972.33	937.21	760.83
		371	11.70	-98.22	-122.15	-116.32	-104.04	10.27	1444.01	396.04	1441.49	398.56	51.38
		54	11.02	-109.03	-129.42	-109.03	-129.42	-0.16	1276.20	76.46	607.86	744.79	595.95
330	154	72	16.10	-99.81	-173.32	-154.61	-118.52	-32.02	1794.14	-258.48	158.63	1377.02	825.95
		310	24.11	-88.82	-162.55	-161.99	-89.37	6.35	3303.85	701.85	3034.16	971.54	793.10
		371	11.80	-101.47	-114.06	-113.94	-101.59	1.19	1473.31	419.00	1466.65	425.65	83.50
		54	11.77	-102.49	-128.85	-106.26	-125.07	-9.24	1353.40	63.61	635.17	781.84	640.71
331	2	334	54.77	-3.05	-528.47	-333.74	-197.78	-253.76	1440.97	-6442.58	-6340.15	1338.54	892.75
		320	69.38	86.88	-593.16	-459.50	-46.79	270.24	8438.94	-739.13	8019.76	-319.95	1916.12
		310	27.86	-161.89	-228.05	-227.83	-162.11	-3.80	3730.89	1669.30	3304.03	2096.16	835.35
		72	20.10	-79.76	-303.28	-238.70	-144.34	101.31	2003.53	-360.54	222.66	1420.33	1019.12
331	113	334	44.08	-68.80	-458.28	-357.30	-169.78	-170.69	1867.89	-4377.19	-4298.84	1789.54	695.09
		320	51.40	41.60	-607.40	-498.31	-67.48	242.69	5378.18	-826.61	5106.32	-554.75	1270.02
		310	19.98	-127.03	-221.70	-200.61	-148.12	39.39	2608.81	1339.34	2225.49	1722.66	582.82
		72	14.03	-40.55	-289.07	-214.20	-115.42	114.03	1210.62	-12.51	155.05	1043.05	420.57
331	145	334	45.16	-81.77	-472.54	-380.72	-173.59	-165.68	1873.70	-4422.10	-4349.81	1801.40	670.76
		320	51.70	36.94	-631.81	-522.05	-72.81	247.70	5320.19	-804.27	5055.41	-539.49	1245.61
		310	19.88	-126.02	-231.74	-207.56	-150.20	44.40	2562.21	1360.28	2184.27	1738.22	558.05
		72	14.34	-38.29	-298.47	-220.85	-115.91	119.03	1200.19	-30.29	113.83	1056.08	395.68
332	65	22	45.97	-17.79	-234.05	-225.32	-26.52	42.56	8925.09	-4588.86	-2454.96	6791.20	-4927.86
		420	46.27	-12.09	-212.43	-212.17	-12.36	7.23	1.343e+04	9229.92	9239.47	1.342e+04	-200.11
		419	74.28	1.59	-285.90	-285.50	1.19	-10.67	2.271e+04	1.040e+04	1.078e+04	2.234e+04	2124.07

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		24	44.10	26.97	-362.15	-362.01	26.83	7.31	1.224e+04	3723.85	3962.68	1.201e+04	1406.34
332	123	22	34.95	-11.34	-198.41	-190.62	-19.13	37.37	6743.12	-3390.51	-2069.68	5422.28	-3411.78
		420	35.22	-7.97	-181.76	-181.12	-8.61	10.53	1.027e+04	6826.59	6851.69	1.024e+04	292.90
		419	57.96	3.48	-225.26	-225.22	3.44	-3.06	1.766e+04	7773.43	8198.55	1.723e+04	2005.31
		24	35.46	24.30	-284.62	-284.30	23.98	9.91	9743.92	2721.51	3003.13	9462.30	1377.82
332	155	22	34.92	-11.05	-202.36	-194.36	-19.06	38.30	6720.81	-3371.20	-2111.64	5461.24	-3335.42
		420	35.20	-7.87	-185.62	-184.87	-8.61	11.47	1.028e+04	6757.89	6800.88	1.024e+04	386.86
		419	58.08	4.02	-226.36	-226.34	4.00	-2.13	1.768e+04	7727.00	8184.05	1.723e+04	2083.72
		24	35.78	25.02	-285.78	-285.40	24.64	10.84	9812.01	2693.08	2996.75	9508.34	1438.60
333	76	28	67.84	-24.72	-230.14	-138.62	-116.25	-102.10	-5266.91	-1.865e+04	-1.260e+04	-1.132e+04	-6661.26
		417	27.79	45.00	-66.12	-52.65	31.53	36.27	8080.85	5405.58	8025.72	5460.71	-380.06
		420	42.60	-14.76	-290.72	-290.33	-15.16	-10.40	1.231e+04	7314.89	8222.23	1.140e+04	-1926.28
		22	46.01	9.87	-161.49	-121.74	-29.88	72.33	1.088e+04	-2136.58	-1315.79	1.006e+04	-3163.86
333	122	28	51.74	-15.05	-155.99	-84.63	-86.41	-70.47	-3372.48	-1.416e+04	-9137.52	-8399.51	-5383.40
		417	23.15	39.34	-27.38	-14.12	26.07	26.63	6952.55	4091.58	6762.65	4281.48	-712.20
		420	34.04	-11.49	-207.33	-207.27	-11.56	-3.64	9916.17	5398.24	6569.13	8745.27	-1979.65
		22	37.05	16.44	-112.30	-74.51	-21.35	58.63	8795.20	-1504.97	-719.55	8009.77	-2733.71
333	154	28	51.65	-13.14	-152.79	-79.47	-86.45	-69.74	-3232.17	-1.411e+04	-9014.08	-8332.61	-5430.49
		417	23.53	41.04	-23.95	-9.00	26.08	27.36	7102.46	4064.65	6875.15	4291.96	-799.29
		420	34.34	-11.88	-203.60	-203.56	-11.93	-2.92	1.002e+04	5345.37	6618.04	8748.04	-2080.98
		22	37.40	18.13	-110.40	-70.77	-21.50	59.36	8882.74	-1478.55	-659.80	8064.00	-2795.15
334	2	403	7.27	13.62	-99.31	-99.20	13.52	3.46	-137.23	-489.07	-375.22	-251.09	-164.61
		405	12.18	101.48	-68.31	19.61	13.56	-84.84	-114.11	-1046.70	-134.21	-1026.60	-135.41
		425	15.68	190.42	-79.71	-28.03	138.74	-106.26	859.54	306.25	330.26	835.53	-112.73
		401	6.98	21.97	-10.45	18.33	-6.82	10.23	-315.79	-757.52	-530.87	-542.45	-220.79
334	111	403	9.37	10.44	-85.14	-83.93	9.23	10.71	-421.43	-979.50	-427.27	-973.66	56.79
		405	5.73	71.57	-25.71	7.23	38.64	-46.03	-69.81	-343.24	-72.80	-340.25	28.42
		425	13.57	154.67	-35.00	-9.67	129.34	-64.52	1004.80	-41.65	75.48	887.67	329.93
		401	8.12	23.37	-12.97	13.61	-3.22	16.10	-149.45	-816.82	-303.65	-662.62	281.30
334	143	403	9.26	11.04	-87.14	-85.53	9.43	12.48	-422.68	-968.00	-430.44	-960.25	64.56
		405	5.33	73.25	-22.85	6.52	43.88	-44.27	-57.65	-267.31	-63.23	-261.73	33.74
		425	14.51	158.53	-32.02	-8.43	134.94	-62.75	1083.33	-34.45	83.11	965.77	342.90
		401	8.30	25.28	-14.16	13.91	-2.79	17.87	-137.13	-821.65	-309.06	-649.72	296.86
335	56	328	13.76	-169.17	-200.43	-200.05	-169.55	3.41	52.71	-1401.88	-723.49	-625.68	725.65
		337	19.83	-133.88	-190.83	-161.87	-162.84	28.47	-1474.83	-2443.89	-1842.45	-2076.27	470.21
		160	21.75	-171.91	-176.04	-172.23	-175.72	1.11	-2058.27	-2649.04	-2371.55	-2335.76	-294.84
		335	12.42	-159.36	-205.99	-192.41	-172.94	-21.19	-482.88	-1135.12	-664.86	-953.14	-292.54
335	114	328	10.63	-94.90	-131.98	-126.53	-100.34	13.12	-195.29	-1177.40	-766.70	-605.99	484.44
		337	16.48	-67.94	-132.78	-98.99	-101.73	32.39	-1391.21	-2170.62	-1651.66	-1910.17	367.65
		160	17.57	-104.66	-130.34	-120.78	-114.22	12.41	-1693.78	-2329.60	-1924.14	-2099.24	-305.61
		335	9.88	-105.92	-134.72	-133.67	-106.97	-5.40	-336.04	-1097.76	-592.33	-841.47	-359.91
335	146	328	10.70	-90.50	-128.64	-121.34	-97.80	15.01	-239.84	-1201.87	-809.09	-632.62	472.85
		337	16.82	-62.97	-131.86	-94.07	-100.76	34.28	-1445.72	-2235.09	-1701.86	-1978.94	369.57
		160	17.84	-101.77	-130.76	-118.65	-113.88	14.30	-1714.14	-2394.74	-1945.62	-2163.26	-322.43
		335	10.02	-104.55	-131.73	-131.26	-105.01	-3.51	-326.83	-1141.98	-605.78	-863.03	-386.75
336	56	335	12.70	-164.82	-216.76	-196.74	-184.84	-25.28	-556.26	-1102.49	-723.57	-935.17	-251.79
		160	22.09	-169.69	-190.80	-170.62	-189.87	4.34	-1975.20	-2733.28	-2372.84	-2335.64	-378.59
		173	18.67	-157.06	-211.52	-165.92	-202.67	-20.10	-997.81	-2192.67	-1556.14	-1634.34	-596.15
		336	21.14	-149.06	-226.92	-179.53	-196.45	-38.00	471.24	-2168.40	-785.60	-911.57	-1318.32
336	97	335	10.41	-76.18	-208.87	-154.84	-130.21	-65.20	-398.19	-774.02	-517.34	-654.86	-174.89
		160	17.20	-94.83	-180.07	-136.99	-137.91	-42.62	-1469.65	-2027.48	-1769.68	-1727.45	-278.11
		173	15.13	-74.43	-196.89	-125.17	-146.15	-60.33	-723.47	-1628.58	-1180.02	-1172.03	-452.54
		336	17.95	-62.03	-209.48	-134.11	-137.40	-73.71	389.85	-1604.24	-581.82	-632.56	-996.72
336	129	335	10.67	-67.49	-219.16	-155.71	-130.95	-74.82	-394.06	-759.64	-510.96	-642.74	-170.50
		160	17.41	-86.62	-191.10	-138.12	-139.61	-52.23	-1468.29	-2021.64	-1765.24	-1724.69	-275.93
		173	15.47	-65.44	-207.15	-125.01	-147.58	-69.95	-719.35	-1626.77	-1178.78	-1167.33	-453.67
		336	18.40	-52.44	-219.15	-133.74	-137.85	-83.33	394.94	-1596.02	-579.31	-621.78	-995.25
337	75	336	25.13	-125.27	-250.48	-180.87	-194.88	-62.21	600.31	-2530.47	-765.73	-1164.43	-1552.65
		173	19.28	-161.89	-213.46	-166.44	-208.90	14.63	-943.40	-2408.33	-1405.49	-1946.24	-680.73
		333	33.03	-117.09	-266.99	-167.78	-216.30	-70.92	4486.38	864.14	867.70	4482.83	-113.36
		318	17.90	-152.98	-223.75	-158.34	-218.39	18.72	1912.05	180.06	351.11	1741.00	-516.72
337	110	336	17.92	-81.10	-167.55	-130.32	-118.33	-42.80	876.97	-1584.97	-376.06	-331.95	-1230.77
		173	11.53	-116.64	-149.91	-125.12	-141.44	14.50	-229.56	-1403.79	-847.16	-786.20	-586.32
		333	28.65	-90.39	-189.91	-133.15	-147.15	-49.27	4100.07	817.06	819.12	4098.02	-82.10
		318	15.61	-109.91	-151.39	-122.90	-138.40	19.24	1919.48	307.02	395.55	1830.95	-367.31
337	142	336	17.68	-78.86	-163.66	-129.15	-113.37	-41.66	959.57	-1507.88	-333.12	-215.19	-1232.31
		173	10.97	-114.92	-149.76	-124.67	-140.01	15.64	-114.60	-1317.64	-797.17	-635.07	-596.03
		333	29.50	-92.10	-189.00	-134.93	-146.18	-48.12	4247.79	852.08	853.89	4245.99	-78.33
		318	16.09	-107.93	-149.89	-123.94	-133.89	20.38	2024.41	343.60	423.44	1944.58	-357.51
338	2	418	59.65	-53.53	-295.64	-260.58	-88.60	-85.21	1.612e+04	2970.14	6018.02	1.307e+04	5548.09
		426	47.48	-149.65	-273.03	-268.37	-154.30	23.51	1.350e+04	3794.03	4288.76	1.300e+04	2134.55
		422	127.00	-201.34	-315.48	-314.06	-202.76	12.64	-7276.22	-3.621e+04	-7288.57	-3.620e+04	597.53
		416	100.88	-134.76	-236.01	-235.99	-134.78	-1.59	-5337.71	-2.878e+04	-5488.84	-2.863e+04	1876.25

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
338	119	418	44.61	-38.39	-202.87	-178.79	-62.47	-58.14	1.199e+04	1922.91	4494.85	9413.47	4389.22
		426	33.97	-104.98	-186.48	-179.89	-111.57	22.22	9651.07	2636.57	3121.38	9166.27	1779.23
		422	100.51	-138.49	-175.53	-174.80	-139.22	5.15	-5791.06	-2.866e+04	-5805.10	-2.865e+04	566.66
		416	80.27	-92.34	-127.92	-127.85	-92.42	-1.64	-4256.27	-2.288e+04	-4385.71	-2.275e+04	1547.32
338	155	418	44.36	-39.28	-199.77	-176.43	-62.62	-56.58	1.190e+04	1856.18	4473.36	9283.72	4408.99
		426	33.50	-104.81	-185.44	-177.68	-112.57	23.78	9508.92	2582.48	3092.26	8999.14	1808.61
		422	101.14	-137.54	-168.57	-167.04	-139.07	6.71	-5827.71	-2.883e+04	-5842.36	-2.882e+04	580.29
		416	80.78	-91.45	-119.88	-119.88	-91.45	-0.08	-4283.70	-2.302e+04	-4415.48	-2.288e+04	1565.64
339	75	419	74.54	-27.65	-288.04	-284.01	-31.68	-32.14	2.257e+04	9797.15	1.028e+04	2.209e+04	2437.54
		427	88.62	-87.99	-250.58	-248.66	-89.91	17.57	2.665e+04	1.052e+04	1.057e+04	2.659e+04	944.93
		426	44.73	-127.74	-250.61	-249.09	-129.26	13.57	1.289e+04	4366.88	4585.20	1.267e+04	1346.22
		418	56.74	-43.21	-273.29	-254.93	-61.57	-62.35	1.549e+04	2793.33	6154.05	1.212e+04	5600.05
339	122	419	57.24	-17.00	-214.33	-208.77	-22.56	-32.66	1.735e+04	7553.23	7813.52	1.709e+04	1575.76
		427	68.94	-62.34	-180.60	-180.39	-62.54	4.92	2.076e+04	8053.98	8071.96	2.074e+04	477.65
		426	35.23	-98.35	-202.15	-202.11	-98.40	2.11	1.016e+04	3454.89	3562.79	1.005e+04	843.66
		418	43.18	-30.57	-225.57	-207.33	-48.80	-56.77	1.180e+04	2384.32	4727.07	9454.05	4069.72
339	154	419	57.19	-16.51	-213.05	-206.96	-22.60	-34.06	1.734e+04	7554.43	7794.50	1.710e+04	1513.76
		427	69.09	-61.84	-178.58	-178.47	-61.94	3.52	2.080e+04	8045.65	8059.85	2.079e+04	425.42
		426	35.37	-98.68	-204.39	-204.39	-98.69	0.71	1.020e+04	3470.38	3567.66	1.010e+04	803.31
		418	43.04	-30.74	-228.64	-209.73	-49.64	-58.17	1.176e+04	2430.14	4727.00	9465.23	4019.78
340	75	420	46.45	-16.96	-246.63	-246.36	-17.23	-7.88	1.363e+04	8368.35	8879.48	1.312e+04	-1558.78
		205	58.75	-56.92	-234.81	-233.43	-58.30	15.62	1.750e+04	9511.43	9610.27	1.740e+04	-883.17
		427	86.72	-71.21	-255.03	-253.80	-72.44	14.99	2.619e+04	1.049e+04	1.050e+04	2.618e+04	452.08
		419	74.25	-15.53	-270.20	-268.29	-17.44	-21.98	2.260e+04	9769.46	1.029e+04	2.208e+04	2532.35
340	114	420	35.54	-6.99	-169.63	-169.18	-7.44	-8.55	1.061e+04	6039.99	6598.77	1.005e+04	-1496.31
		205	44.94	-39.04	-158.47	-157.88	-39.64	8.40	1.347e+04	7041.61	7173.87	1.334e+04	-912.63
		427	66.94	-54.25	-189.21	-188.73	-54.73	8.01	2.022e+04	8026.79	8028.14	2.021e+04	128.19
		419	56.61	-11.25	-202.34	-200.17	-13.41	-20.24	1.724e+04	7561.42	7856.53	1.695e+04	1664.30
340	146	420	35.55	-6.45	-165.58	-165.07	-6.96	-8.97	1.064e+04	5960.29	6553.95	1.004e+04	-1557.02
		205	44.96	-38.65	-154.27	-153.72	-39.20	7.98	1.349e+04	6985.43	7130.56	1.334e+04	-960.59
		427	66.95	-54.58	-188.15	-187.71	-55.02	7.59	2.022e+04	8017.21	8017.77	2.022e+04	82.23
		419	56.54	-11.65	-201.47	-199.19	-13.92	-20.65	1.722e+04	7570.05	7844.99	1.695e+04	1605.77
341	87	417	34.30	-16.62	-290.26	-260.72	-46.15	-84.91	6486.66	-2024.99	6450.30	-1988.63	-555.07
		423	34.20	-4.90	-164.44	-156.98	-12.36	33.68	7602.95	-1025.28	5620.94	956.73	-3629.44
		205	57.56	-37.44	-289.10	-288.91	-37.63	-6.87	1.729e+04	8767.23	9092.12	1.696e+04	-1631.83
		420	49.00	-10.53	-168.88	-166.39	-13.02	19.71	1.459e+04	8785.69	9251.31	1.412e+04	-1575.95
341	116	417	24.80	-13.34	-189.28	-169.75	-32.87	-55.26	4718.18	-1711.15	4634.80	-1627.78	-727.37
		423	26.26	5.01	-94.48	-82.99	-6.48	31.79	5795.04	-1060.14	4026.99	707.91	-2999.05
		205	44.57	-30.37	-208.12	-208.09	-30.40	2.35	1.340e+04	6523.21	6835.17	1.309e+04	-1431.16
		420	37.68	-2.93	-114.67	-109.74	-7.87	22.96	1.128e+04	6439.04	6936.55	1.078e+04	-1469.18
341	148	417	24.51	-13.25	-181.68	-162.52	-32.42	-53.48	4672.91	-1744.53	4574.65	-1646.27	-788.00
		423	26.32	7.18	-89.42	-75.84	-6.39	33.57	5791.36	-1115.22	3970.42	705.72	-3043.13
		205	44.64	-30.74	-204.96	-204.86	-30.84	4.14	1.342e+04	6478.69	6805.58	1.309e+04	-1470.50
		420	37.71	-2.04	-112.30	-106.44	-7.90	24.74	1.129e+04	6373.56	6903.57	1.076e+04	-1525.00
342	2	426	50.52	-156.69	-267.17	-263.06	-160.80	-20.91	1.438e+04	6174.95	6585.35	1.397e+04	1788.65
		350	49.58	-134.36	-311.63	-272.27	-173.72	73.67	1.392e+04	6075.97	6230.76	1.376e+04	-1090.80
		339	130.78	-204.58	-334.90	-332.43	-207.06	17.79	-7071.11	-3.720e+04	-7088.58	-3.719e+04	-725.26
		422	127.75	-174.50	-344.10	-322.99	-195.61	55.99	-6904.59	-3.635e+04	-6916.21	-3.634e+04	584.80
342	119	426	36.34	-114.31	-175.34	-172.51	-117.14	-12.84	1.033e+04	4532.97	4942.09	9923.32	1485.04
		350	35.01	-88.59	-214.84	-177.43	-126.01	57.65	9788.88	4556.35	4661.99	9683.23	-735.94
		339	103.73	-139.43	-180.23	-177.19	-142.47	10.72	-5663.21	-2.950e+04	-5673.51	-2.949e+04	-495.31
		422	101.17	-105.35	-198.52	-170.91	-132.96	42.55	-5506.11	-2.877e+04	-5517.88	-2.876e+04	523.10
342	151	426	35.87	-115.15	-172.07	-169.50	-117.72	-11.82	1.019e+04	4493.44	4925.30	9754.92	1507.40
		350	34.43	-87.47	-214.23	-174.83	-126.87	58.67	9599.58	4536.53	4641.01	9495.09	-719.79
		339	104.44	-137.72	-173.36	-168.95	-142.13	11.74	-5706.59	-2.969e+04	-5716.56	-2.968e+04	-488.99
		422	101.81	-101.26	-193.54	-162.59	-132.21	43.57	-5544.72	-2.895e+04	-5556.97	-2.893e+04	535.39
343	87	427	88.29	-88.48	-254.94	-254.89	-88.53	-2.95	2.659e+04	1.193e+04	1.196e+04	2.657e+04	583.64
		372	89.89	-95.60	-269.93	-259.08	-106.45	42.13	2.694e+04	1.142e+04	1.143e+04	2.693e+04	-381.51
		350	46.46	-122.63	-272.37	-255.93	-139.07	46.82	1.322e+04	6199.00	6361.15	1.306e+04	-1054.73
		426	46.96	-124.88	-249.59	-249.49	-124.97	3.43	1.356e+04	6319.17	6741.92	1.314e+04	1697.74
343	122	427	68.58	-61.22	-184.83	-184.00	-62.05	-10.11	2.069e+04	8986.48	8993.86	2.069e+04	293.84
		372	69.99	-70.39	-191.13	-186.27	-75.25	23.74	2.101e+04	8584.78	8596.98	2.100e+04	-389.15
		350	36.71	-98.97	-216.28	-209.47	-105.78	27.43	1.050e+04	4727.44	4869.73	1.036e+04	-895.16
		426	36.87	-95.72	-204.94	-204.62	-96.03	-5.88	1.064e+04	4910.90	5158.90	1.039e+04	1166.02
343	154	427	68.70	-60.32	-182.90	-181.84	-61.37	-11.32	2.073e+04	8949.06	8954.71	2.073e+04	258.04
		372	70.15	-69.92	-188.51	-184.06	-74.36	22.53	2.106e+04	8545.59	8559.25	2.105e+04	-413.25
		350	36.91	-99.82	-218.39	-212.28	-105.93	26.23	1.056e+04	4718.96	4866.19	1.042e+04	-915.90
		426	37.00	-96.00	-207.93	-207.48	-96.45	-7.08	1.068e+04	4921.24	5154.00	1.044e+04	1133.71
344	87	205	59.05	-55.01	-248.18	-247.79	-55.40	-8.62	1.760e+04	9709.70	9875.70	1.743e+04	-1132.05
		378	59.18	-61.30	-262.66	-259.26	-64.69	25.92	1.761e+04	9579.66	9624.01	1.757e+04	595.20
		372	89.45	-79.34	-262.95	-255.50	-86.78	36.21	2.693e+04	1.161e+04	1.164e+04	2.690e+04	-695.05
		427	87.76	-71.36	-248.02	-247.93	-71.45	3.95	2.655e+04	1.205e+04	1.209e+04	2.651e+04	759.09
344	117	205	46.13	-44.18	-233.50	-232.94	-44.75	-10.35	1.356e+04	8069.65	8150.36	1.348e+04	-660.81

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		378	46.39	-51.56	-241.58	-240.25	-52.89	15.85	1.364e+04	7895.16	7954.96	1.358e+04	583.30
		372	68.88	-59.98	-209.99	-206.34	-63.64	23.14	2.077e+04	9217.05	9231.45	2.075e+04	-407.62
		427	67.74	-50.42	-200.13	-200.11	-50.43	-1.31	2.051e+04	9521.12	9578.76	2.045e+04	793.83
344	149	205	46.28	-44.90	-241.72	-241.13	-45.49	-10.82	1.356e+04	8186.20	8259.70	1.348e+04	-623.96
		378	46.56	-52.63	-249.69	-248.48	-53.84	15.39	1.365e+04	7998.77	8063.96	1.358e+04	603.46
		372	68.84	-60.04	-211.72	-208.25	-63.51	22.68	2.076e+04	9274.06	9287.18	2.075e+04	-387.95
		427	67.74	-50.02	-202.01	-201.99	-50.04	-1.77	2.051e+04	9571.43	9634.82	2.045e+04	830.28
345	55	423	19.57	-14.05	-332.22	-303.72	-42.55	-90.87	3141.00	-76.08	3135.10	-70.17	137.74
		344	18.83	-17.15	-289.43	-270.38	-36.20	69.46	3017.86	-279.27	2904.42	-165.83	-600.96
		378	62.41	-52.85	-253.89	-252.01	-54.73	-19.34	1.872e+04	9363.32	9525.58	1.855e+04	1221.21
		205	62.06	-39.75	-210.06	-205.32	-44.48	28.00	1.864e+04	9401.86	9749.33	1.830e+04	-1757.91
345	117	423	19.46	-17.28	-319.79	-303.50	-33.58	-68.30	3142.38	-38.01	3125.32	-20.95	232.31
		344	18.41	-21.57	-289.57	-281.77	-29.37	45.05	3004.24	-97.00	2952.14	-44.90	-398.56
		378	48.54	-34.37	-232.52	-231.14	-35.75	-16.49	1.448e+04	7735.12	7891.00	1.433e+04	1013.81
		205	47.95	-28.05	-199.91	-198.49	-29.47	15.54	1.434e+04	7818.37	8054.05	1.410e+04	-1216.70
345	149	423	20.35	-18.49	-334.48	-318.53	-34.44	-69.18	3282.57	-36.86	3262.06	-16.35	260.10
		344	19.21	-23.04	-303.89	-296.76	-30.16	44.16	3137.51	-74.72	3091.10	-28.31	-383.31
		378	48.69	-33.77	-240.49	-239.02	-35.24	-17.37	1.450e+04	7835.81	7999.88	1.434e+04	1032.92
		205	48.00	-27.86	-207.62	-206.42	-29.07	14.65	1.433e+04	7932.89	8160.72	1.410e+04	-1185.17
346	56	19	27.00	-258.98	-445.64	-268.52	-436.09	41.12	-2064.65	-9140.35	-2071.88	-9133.11	-226.15
		151	26.83	-255.67	-466.58	-261.58	-460.66	34.83	-1630.56	-8786.66	-1669.34	-8747.88	-525.40
		545	16.42	-278.74	-474.99	-283.50	-470.23	30.20	3878.85	684.83	708.15	3855.53	-271.92
		543	15.16	-294.72	-434.17	-299.73	-429.16	25.95	3628.60	249.20	250.17	3627.63	-57.17
346	119	19	22.33	-189.37	-360.93	-207.11	-343.19	52.24	-1424.26	-7579.05	-1424.28	-7579.04	-9.69
		151	22.97	-191.13	-388.90	-203.22	-376.80	47.39	-1189.39	-7565.90	-1208.62	-7546.67	-349.66
		545	9.65	-220.57	-397.51	-232.17	-385.91	43.80	1315.45	139.05	192.64	1261.85	-245.30
		543	8.72	-227.50	-354.88	-241.27	-341.11	39.56	1305.47	-57.42	-57.04	1305.09	22.59
346	151	19	23.00	-186.52	-365.20	-206.54	-345.18	56.35	-1427.86	-7844.54	-1427.92	-7844.48	19.98
		151	23.78	-189.47	-395.63	-203.26	-381.84	51.50	-1202.82	-7871.04	-1220.51	-7853.35	-343.02
		545	9.15	-221.18	-404.92	-234.66	-391.44	47.91	1017.07	56.42	128.71	944.79	-253.41
		543	8.20	-226.82	-359.93	-243.16	-343.59	43.67	1030.45	-113.90	-112.71	1029.26	36.96
347	36	227	14.74	-250.80	-444.43	-260.10	-435.14	-41.39	-399.05	-3537.35	-563.83	-3372.57	699.98
		171	11.22	-265.70	-438.31	-311.13	-392.88	-76.01	1059.84	-2714.78	54.61	-1709.54	1668.50
		324	17.95	-307.64	-408.18	-309.38	-406.43	-13.12	5283.13	1535.76	2132.86	4686.02	1371.51
		127	20.19	-281.23	-423.77	-286.90	-418.10	-27.85	6143.78	1693.75	1986.81	5850.71	1103.74
347	95	227	10.48	-185.84	-335.42	-186.19	-335.06	-7.30	-252.86	-2295.81	-434.54	-2114.14	581.50
		171	8.34	-214.39	-317.68	-226.79	-305.27	-33.58	889.90	-1835.68	-24.02	-921.77	1286.74
		324	13.79	-238.86	-321.17	-242.03	-318.00	15.82	4138.67	1086.06	1533.06	3691.67	1079.22
		127	15.56	-223.16	-327.74	-223.31	-327.59	3.89	4781.83	1190.56	1419.90	4552.49	878.07
347	127	227	10.41	-183.05	-335.21	-183.07	-335.19	-1.86	-240.84	-2244.91	-437.63	-2048.13	596.37
		171	8.37	-214.92	-314.50	-223.64	-305.78	-28.14	916.71	-1815.33	-40.65	-857.97	1303.46
		324	13.89	-236.79	-324.47	-242.28	-318.97	21.26	4203.90	1083.79	1530.92	3756.78	1093.23
		127	15.71	-222.68	-329.55	-223.50	-328.73	9.33	4860.06	1189.86	1420.14	4629.77	890.04
348	36	127	19.74	-283.14	-420.10	-285.33	-417.91	-17.20	5988.77	1860.62	2085.83	5763.57	937.54
		324	16.69	-301.44	-404.69	-305.85	-400.29	-20.86	4689.95	1440.08	2012.57	4117.46	1238.05
		345	12.12	-271.49	-428.87	-271.85	-428.51	-7.53	2622.27	675.94	1426.29	1871.92	-947.31
		64	13.87	-284.27	-421.33	-290.15	-415.46	-27.76	3212.97	956.88	963.98	3205.87	-126.37
348	118	127	14.90	-231.54	-323.00	-242.70	-311.85	-29.93	4486.15	1597.77	1739.50	4344.42	623.92
		324	12.71	-240.50	-314.87	-259.07	-296.30	-32.19	3489.18	1315.56	1693.33	3111.41	823.66
		345	9.26	-218.68	-321.41	-223.57	-316.52	-21.89	2134.33	571.93	1196.49	1509.77	-765.33
		64	10.67	-221.55	-324.50	-237.58	-308.47	-37.32	2558.74	868.55	883.40	2543.89	-157.71
348	150	127	14.97	-232.95	-324.02	-247.15	-309.82	-33.03	4523.38	1652.29	1788.43	4387.24	610.19
		324	12.78	-240.21	-317.05	-263.43	-293.83	-35.29	3506.02	1374.01	1740.52	3139.50	804.41
		345	9.30	-219.50	-320.31	-226.13	-313.68	-24.99	2187.62	572.74	1225.96	1534.40	-792.58
		64	10.72	-221.01	-325.29	-240.22	-306.08	-40.43	2602.37	896.64	915.75	2583.25	-179.55
349	56	64	13.99	-279.13	-423.39	-285.07	-417.45	-28.66	3297.76	872.51	918.92	3251.34	-332.30
		345	13.09	-267.39	-430.63	-268.57	-429.45	-13.78	2953.78	1004.14	1436.65	2521.26	-810.05
		151	24.68	-256.15	-458.83	-258.49	-456.49	-21.64	-1336.59	-7747.66	-1433.26	-7650.99	-781.29
		19	26.52	-257.04	-444.04	-268.47	-432.62	-44.79	-1989.57	-8892.90	-1995.40	-8887.07	-200.56
349	111	64	8.39	-208.88	-331.26	-212.34	-327.80	-20.29	1333.87	328.25	360.12	1302.00	-176.15
		345	7.84	-201.36	-346.20	-202.03	-345.53	-9.82	1123.54	390.16	719.33	794.38	-364.77
		151	20.06	-200.21	-368.84	-201.68	-367.38	-15.63	-907.57	-6272.25	-930.72	-6249.10	-351.65
		19	21.28	-200.80	-347.99	-208.81	-339.98	-33.40	-1305.89	-7131.08	-1307.49	-7129.47	-96.59
349	143	64	7.97	-207.14	-332.58	-210.37	-329.34	-19.89	1119.66	257.99	292.71	1084.95	-169.44
		345	7.46	-199.83	-349.56	-200.43	-348.96	-9.42	944.20	292.63	653.15	583.68	-323.93
		151	20.57	-200.48	-372.52	-201.84	-371.16	-15.24	-903.49	-6461.59	-920.72	-6444.37	-308.96
		19	21.78	-200.90	-349.60	-208.62	-341.87	-33.00	-1297.22	-7332.40	-1298.50	-7331.12	-88.07
350	66	444	24.76	54.58	-44.77	32.22	-22.40	-41.50	2686.77	884.71	982.30	2589.18	407.85
		452	27.20	52.32	-54.14	43.67	-45.49	29.07	3003.44	1350.93	1403.82	2950.55	-290.87
		359	35.40	-8.24	-154.85	-118.70	-44.39	-63.19	-758.60	-3893.82	-769.19	-3883.23	-181.92
		256	32.57	-14.45	-132.02	-108.75	-37.72	46.84	-671.44	-3583.79	-697.59	-3557.63	274.75
350	111	444	18.18	37.15	-48.38	22.89	-34.12	-31.88	1906.96	686.99	789.47	1804.48	338.41
		452	19.89	36.53	-55.14	31.85	-50.45	20.19	2140.47	1052.08	1111.28	2081.27	-246.85

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		359	29.34	-15.66	-124.24	-92.14	-47.76	-49.55	-640.21	-3179.79	-650.71	-3169.29	-162.95
		256	27.09	-24.41	-105.14	-85.33	-44.22	34.74	-567.87	-2931.82	-591.66	-2908.03	235.94
350	143	444	18.03	36.35	-52.00	22.40	-38.05	-32.22	1873.55	684.41	792.83	1765.13	342.29
		452	19.69	35.84	-58.41	31.45	-54.02	19.85	2104.84	1050.48	1114.38	2040.93	-251.58
		359	29.86	-17.92	-125.85	-92.46	-51.31	-49.88	-653.02	-3224.18	-663.98	-3213.22	-167.49
		256	27.60	-27.74	-106.14	-85.73	-48.15	34.40	-580.42	-2975.16	-604.67	-2950.90	239.78
351	66	452	30.23	65.78	-65.26	50.16	-49.65	-42.45	3502.44	1807.16	2364.83	2944.77	-796.50
		453	27.87	195.22	-33.44	84.26	77.52	114.28	383.60	-2013.70	-1780.65	150.55	-710.20
		485	9.87	-53.91	-109.09	-100.98	-62.02	-19.53	264.92	-703.04	121.91	-560.04	-343.47
		359	32.58	-43.50	-144.73	-131.49	-56.74	34.13	-887.21	-3673.47	-942.20	-3618.49	-387.52
351	111	452	22.02	45.45	-57.39	40.71	-52.66	-21.55	2590.39	1240.97	1770.17	2061.19	-658.84
		453	22.34	133.67	-59.26	59.09	15.32	93.95	143.20	-1640.98	-1430.21	-67.57	-575.87
		485	9.02	-78.04	-88.78	-82.06	-84.77	-5.20	190.54	-634.09	79.64	-523.20	-281.34
		359	27.17	-41.23	-119.40	-100.61	-60.03	33.41	-685.34	-3001.46	-731.80	-2954.99	-324.75
351	143	452	21.78	44.61	-59.94	40.79	-56.11	-19.62	2568.62	1206.56	1757.80	2017.39	-668.55
		453	22.58	131.05	-67.75	57.89	5.41	95.87	119.15	-1657.99	-1440.21	-98.63	-582.75
		485	9.50	-82.50	-95.59	-83.38	-94.72	-3.27	185.49	-661.51	76.76	-552.78	-283.32
		359	27.67	-42.15	-121.97	-100.62	-63.51	35.34	-690.05	-3044.47	-737.18	-2997.34	-329.77
352	88	451	13.41	79.22	9.46	79.16	9.52	-2.02	1126.97	-183.21	629.02	314.74	-635.97
		455	12.17	78.52	-18.11	78.14	-17.73	6.06	1027.18	32.67	733.98	325.86	453.46
		452	22.01	61.52	-19.25	60.30	-18.03	9.85	2572.55	1397.02	1528.82	2440.75	-370.90
		444	19.41	55.64	-7.43	52.66	-4.44	-13.39	2263.12	986.19	1116.76	2132.55	386.89
352	113	451	11.98	68.42	-2.78	66.23	-0.60	-12.29	1055.94	75.53	725.69	405.77	-463.37
		455	10.45	65.43	-23.42	65.34	-23.33	-2.89	992.23	272.23	811.08	453.38	312.43
		452	18.43	44.27	-27.59	44.26	-27.59	-0.35	2128.34	1157.80	1277.19	2008.95	-318.78
		444	16.64	45.45	-22.81	38.50	-15.86	-20.65	1867.36	830.47	954.67	1743.16	336.68
352	145	451	12.30	69.80	-5.28	67.14	-2.62	-13.89	1091.79	113.56	770.63	434.72	-459.37
		455	10.71	66.45	-25.94	66.23	-25.72	-4.49	1029.63	315.45	856.28	488.80	306.19
		452	18.74	44.24	-30.25	44.19	-30.20	-1.95	2159.59	1175.26	1296.80	2038.05	-323.83
		444	16.97	46.18	-25.80	38.48	-18.10	-22.25	1893.92	845.84	973.62	1766.13	342.93
353	87	455	13.38	94.26	-17.24	94.21	-17.18	-2.54	960.33	-295.29	613.57	51.48	561.39
		465	19.70	247.86	-7.44	-1.76	242.18	-37.65	642.86	-1148.43	-771.26	265.69	730.32
		453	21.41	232.34	-15.30	62.34	154.70	114.89	-332.39	-1958.67	-1935.67	-355.38	-192.00
		452	24.93	62.19	-23.65	60.55	-22.01	-11.75	2642.10	2342.96	2419.33	2565.73	-130.43
353	113	455	9.71	76.07	-28.01	75.91	-27.85	4.03	718.18	-102.73	439.33	176.13	388.79
		465	16.43	190.69	2.25	4.23	188.70	-19.24	519.34	-925.11	-688.34	282.58	534.73
		453	17.59	186.75	-19.84	53.41	113.50	98.83	-191.32	-1527.72	-1498.26	-220.78	-196.24
		452	19.48	47.73	-35.80	47.48	-35.55	-4.49	2179.46	1759.66	1843.66	2095.46	-167.95
353	145	455	9.59	76.68	-30.59	76.43	-30.34	5.15	712.55	-86.26	427.44	198.86	382.70
		465	16.63	190.65	3.53	5.30	188.87	-18.13	527.39	-933.08	-702.14	296.45	532.87
		453	17.76	188.26	-20.23	54.38	113.65	99.94	-175.03	-1530.85	-1499.54	-206.33	-203.63
		452	19.75	48.02	-38.19	47.89	-38.06	-3.38	2208.21	1755.22	1842.60	2120.84	-178.74
354	2	428	21.93	71.58	-324.76	-66.69	-186.49	-188.90	413.43	-499.24	12.56	-98.37	-452.95
		176	25.68	369.14	-271.35	-11.93	109.72	-314.41	86.90	-521.22	-432.68	-1.64	214.48
		240	24.56	205.58	-471.68	-209.66	-56.44	-329.85	264.70	-284.84	-276.35	256.22	67.76
		406	14.63	166.99	-83.98	57.42	25.59	-124.47	895.03	320.69	435.69	780.02	-229.84
354	122	428	16.05	81.14	-262.35	-56.52	-124.69	-168.33	127.75	-320.49	-142.09	-50.65	-219.41
		176	18.31	266.74	-220.32	-19.08	65.50	-239.83	138.54	-123.90	-80.92	95.56	97.12
		240	19.06	143.52	-376.19	-175.60	-57.06	-253.00	102.11	-174.97	-163.13	90.27	56.04
		406	12.12	148.72	-89.67	34.66	24.39	-119.08	675.43	249.50	296.22	628.72	-133.10
354	154	428	16.25	84.27	-265.41	-58.31	-122.83	-171.84	142.28	-315.21	-145.45	-27.48	-221.01
		176	18.71	266.47	-227.28	-22.05	61.24	-243.34	154.38	-134.63	-86.53	106.29	107.64
		240	19.47	143.60	-382.51	-177.77	-61.14	-256.51	118.00	-175.32	-160.07	102.75	65.11
		406	12.50	152.76	-92.54	33.80	26.42	-122.59	699.83	255.41	301.71	653.53	-135.78
355	2	406	10.75	17.91	-81.00	-23.09	-40.01	-48.73	17.03	-786.26	-74.00	-695.22	-254.64
		407	18.17	260.60	-51.58	228.54	-19.52	94.77	-380.94	-1604.65	-468.14	-1517.45	-314.81
		126	14.06	108.22	-39.57	93.80	-25.15	43.86	563.13	-943.02	322.96	-702.85	-551.41
		428	24.77	70.67	-207.48	-1.10	-135.71	-121.70	1234.36	-900.74	-273.53	607.15	-972.50
355	122	406	9.65	65.18	-102.24	-24.19	-12.88	-83.52	59.31	-421.84	-52.24	-310.30	-203.04
		407	13.21	161.24	-20.86	156.64	-16.26	28.57	-274.95	-1176.24	-340.72	-1110.48	-234.40
		126	11.21	59.10	-25.31	58.41	-24.61	-7.64	550.59	-527.95	305.51	-282.86	-451.96
		428	20.62	103.81	-165.80	17.20	-79.19	-125.89	968.88	-637.77	-227.76	558.87	-700.45
355	154	406	10.00	73.21	-105.41	-21.90	-10.30	-89.12	72.53	-403.96	-48.91	-282.52	-207.65
		407	13.10	161.49	-19.16	158.52	-16.18	22.97	-270.72	-1152.36	-337.96	-1085.12	-234.02
		126	11.46	62.47	-26.61	60.45	-24.59	-13.24	562.90	-506.37	313.13	-256.59	-452.43
		428	21.13	111.58	-168.45	19.69	-76.55	-131.49	997.14	-629.22	-219.66	587.58	-705.94
356	86	407	19.57	161.71	-25.92	161.34	-25.55	8.30	-395.25	-1794.39	-410.54	-1779.10	-145.49
		411	20.84	165.64	-38.20	161.65	-34.21	28.23	-428.02	-1873.18	-434.89	-1866.31	99.38
		129	5.40	105.82	-22.71	100.69	-17.57	25.16	149.41	-104.24	-18.60	63.77	119.95
		126	6.18	101.20	-30.11	100.43	-29.35	9.99	232.47	-166.03	85.85	-19.42	-192.17
356	119	407	15.42	89.35	-34.68	78.28	-23.61	35.36	-292.35	-1508.28	-304.40	-1496.23	-120.44
		411	16.68	99.62	-46.78	78.93	-26.10	51.00	-317.43	-1557.39	-321.78	-1553.04	73.31
		129	5.52	76.46	-38.51	49.37	-11.42	48.79	60.90	-124.47	0.74	-64.31	86.79

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		126	5.19	64.37	-40.30	49.24	-25.17	36.81	158.06	-215.64	80.20	-137.77	-151.77
356	151	407	15.59	86.63	-39.51	71.66	-24.55	40.79	-291.39	-1533.69	-303.44	-1521.63	-121.79
		411	16.89	98.07	-51.86	72.46	-26.25	56.42	-316.46	-1580.78	-320.66	-1576.58	72.76
		129	5.86	78.14	-44.06	45.21	-11.13	54.22	55.04	-140.23	2.52	-87.72	86.59
		126	5.54	64.68	-45.41	44.93	-25.67	42.24	155.29	-236.54	81.79	-163.05	-152.96
357	2	411	20.30	259.20	-20.24	255.22	-16.26	-33.09	-445.13	-1747.63	-496.81	-1695.95	254.25
		412	11.67	36.62	-109.18	-34.94	-37.62	72.89	-60.51	-783.32	-169.41	-674.43	258.56
		234	26.99	112.44	-227.06	-5.26	-109.36	161.57	1030.14	-977.78	-327.64	379.99	939.55
		129	12.52	97.92	-10.16	97.51	-9.75	-6.60	415.19	-743.67	284.89	-613.37	366.10
357	123	411	16.05	133.40	-16.12	133.02	-15.73	-7.57	-390.61	-1545.60	-421.77	-1514.44	187.12
		412	10.81	32.10	-128.84	-60.50	-36.23	79.55	-143.28	-741.42	-191.73	-692.98	163.19
		234	20.15	87.26	-194.59	-18.10	-89.23	136.36	467.74	-826.04	-361.74	3.44	620.58
		129	8.77	37.37	-9.36	36.45	-8.44	6.50	298.99	-574.56	182.21	-457.78	297.28
357	155	411	16.17	126.74	-15.90	126.69	-15.85	-2.65	-399.99	-1570.14	-430.71	-1539.41	187.10
		412	11.33	32.69	-138.64	-67.28	-38.67	84.46	-162.54	-785.27	-205.58	-742.23	157.96
		234	20.44	89.27	-201.71	-21.44	-90.99	141.27	422.03	-848.38	-379.72	-46.63	612.98
		129	8.97	36.50	-10.82	33.57	-7.88	11.41	282.60	-597.00	169.17	-483.57	294.81
358	2	234	21.32	102.67	-332.60	-64.03	-165.90	-211.59	360.41	-351.97	27.32	-18.87	355.44
		425	24.08	350.67	-254.54	-10.71	106.84	-296.84	434.93	-19.73	336.40	78.81	-187.32
		405	24.32	195.22	-476.08	-233.28	-47.59	-322.55	223.19	-260.45	215.46	-252.72	-60.66
		412	15.18	166.28	-107.02	42.95	16.31	-136.00	-334.26	-981.43	-405.55	-910.14	202.61
358	121	234	12.91	78.49	-238.83	-36.20	-124.14	-152.45	121.88	-142.92	62.73	-83.77	110.30
		425	16.01	271.44	-160.32	4.47	106.65	-209.75	192.13	37.48	41.08	188.53	-23.32
		405	17.69	148.12	-329.66	-171.50	-10.04	-224.83	178.41	19.52	178.35	19.58	3.19
		412	10.08	112.76	-86.95	21.62	4.19	-99.47	-245.55	-640.70	-274.41	-611.84	102.82
358	142	234	15.38	80.06	-249.30	-54.92	-114.32	-161.98	335.03	-69.07	155.25	110.71	200.82
		425	15.54	228.43	-215.79	-29.04	41.68	-219.28	68.57	-38.08	68.56	-38.07	-0.94
		405	17.81	119.64	-360.56	-172.61	-68.31	-234.37	133.40	-226.11	127.51	-220.21	-45.66
		412	10.98	137.87	-80.83	37.18	19.85	-109.01	-165.92	-520.37	-243.91	-442.37	146.84
359	2	142	15.82	134.69	-161.34	-158.13	131.48	-30.66	-632.51	-1671.20	-1598.10	-705.61	265.67
		320	34.10	-119.72	-820.80	-718.66	-221.85	247.33	1696.16	743.87	1696.14	743.89	4.48
		61	10.10	251.66	19.66	241.68	29.64	-47.06	-482.23	-712.66	-483.01	-711.88	-13.41
		413	18.73	-6.47	-463.42	-367.08	-102.80	186.39	726.87	-104.36	185.95	436.56	396.28
359	120	142	11.33	98.47	-180.31	-180.28	98.44	2.72	-451.05	-804.09	-780.10	-475.04	88.85
		320	26.32	-127.15	-639.11	-573.97	-192.29	170.61	1233.69	491.29	1221.57	503.41	-94.08
		61	7.52	161.65	9.47	157.14	13.98	-25.82	-149.56	-754.59	-280.55	-623.60	-249.19
		413	14.03	12.17	-336.78	-262.32	-62.29	142.97	507.56	-77.70	43.76	386.10	237.35
359	152	142	11.38	98.70	-192.42	-192.40	98.69	1.98	-442.35	-748.66	-723.66	-467.34	83.86
		320	27.25	-132.16	-651.51	-588.24	-195.42	169.87	1300.56	463.72	1274.15	490.13	-146.31
		61	7.94	156.89	7.32	152.01	12.20	-26.55	-112.67	-820.72	-286.73	-646.66	-304.87
		413	14.05	12.02	-339.18	-266.57	-60.59	142.23	498.62	-75.26	41.23	382.13	230.83
360	2	133	18.40	37.66	-235.42	-235.12	37.36	-9.06	1003.93	-787.74	-780.33	996.52	-114.96
		142	10.12	-67.03	-215.78	-212.43	-70.37	-22.06	364.16	-633.71	315.22	-584.76	-215.51
		413	8.77	-78.78	-180.42	-177.80	-81.39	-16.09	875.27	36.40	199.93	711.74	332.32
		414	13.53	16.20	-202.96	-193.82	7.06	-43.82	-654.55	-1755.78	-857.05	-1553.29	-426.60
360	104	133	13.48	21.57	-193.79	-192.73	20.51	-15.06	506.68	-674.55	-666.52	498.64	-97.08
		142	6.84	-37.51	-146.05	-144.68	-38.89	-12.14	187.26	-527.99	110.35	-451.08	-221.57
		413	5.43	-48.36	-130.87	-127.27	-51.96	-16.85	527.63	-56.45	-5.13	476.32	165.34
		414	10.32	9.00	-149.58	-139.78	-0.81	-38.19	-491.12	-1270.83	-674.56	-1087.38	-330.73
360	136	133	13.55	21.19	-194.28	-192.80	19.71	-17.81	480.93	-703.58	-693.52	470.87	-108.72
		142	6.76	-35.32	-146.31	-144.28	-37.36	-14.89	180.76	-545.84	89.10	-454.18	-241.25
		413	5.35	-45.64	-131.30	-126.55	-50.39	-19.61	513.51	-71.13	-30.48	472.86	148.71
		414	10.64	9.69	-150.76	-139.52	-1.55	-40.94	-512.44	-1308.36	-704.81	-1115.99	-340.74
361	21	27	16.98	68.52	1.11	50.58	19.05	29.80	1616.53	-1261.58	1479.19	-1124.25	-613.53
		111	21.70	20.13	-210.84	-71.36	-119.34	112.97	-10.64	-2580.78	-961.82	-1629.60	-1240.94
		109	30.56	173.82	-94.77	-76.30	155.35	-67.98	4007.29	1125.84	1290.67	3842.45	-669.18
		230	28.03	-66.19	-455.93	-202.32	-319.80	185.81	2578.89	7.61	17.14	2569.36	-156.26
361	122	27	14.78	36.95	-12.76	35.40	-11.21	-8.65	1400.04	-891.75	1212.01	-703.72	-628.95
		111	16.52	-23.06	-148.86	-57.47	-114.45	56.08	423.80	-1863.98	-621.40	-818.78	-1139.62
		109	26.35	130.26	-101.38	-65.98	94.87	-83.35	3522.24	923.17	1071.30	3374.12	-602.53
		230	22.63	-94.62	-343.43	-164.88	-273.17	112.00	2128.85	21.66	38.92	2111.60	-189.89
361	154	27	15.21	38.93	-20.06	34.73	-15.86	-15.17	1433.56	-879.95	1226.12	-672.51	-660.97
		111	16.55	-30.11	-146.34	-57.88	-118.58	49.56	515.26	-1842.19	-596.64	-730.30	-1176.83
		109	26.97	131.17	-108.09	-67.43	90.51	-89.86	3612.94	935.85	1088.09	3460.70	-619.98
		230	22.85	-102.98	-341.65	-166.52	-278.12	105.49	2160.55	24.78	44.32	2141.01	-203.37
362	55	29	18.57	140.43	40.37	44.98	135.82	20.98	2899.16	438.15	2886.84	450.46	173.67
		112	18.82	34.24	-165.15	34.09	-165.00	-5.48	-1615.01	-2596.67	-1888.17	-2323.51	439.92
		111	18.58	36.65	-165.41	-24.31	-104.44	92.75	-615.83	-2601.28	-1367.01	-1850.11	-962.89
		27	18.02	81.65	22.99	77.78	26.86	-14.58	2484.87	317.95	2323.01	479.81	-569.68
362	122	29	14.98	98.22	26.94	35.02	90.15	-22.60	2309.62	237.91	2307.72	239.81	-62.76
		112	15.09	36.78	-147.51	26.55	-137.28	-42.19	-1342.16	-1934.45	-1359.66	-1916.95	100.31
		111	14.98	-7.53	-104.62	-20.78	-91.38	33.32	-273.33	-2306.57	-1020.59	-1559.31	-980.29
		27	16.70	90.31	-22.08	60.00	8.24	-49.88	2034.68	22.14	1805.05	251.77	-639.85

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
362	154	29	15.25	100.45	21.34	35.10	86.68	-29.99	2329.56	213.97	2324.71	218.82	-101.21
		112	15.44	40.20	-154.41	26.61	-140.83	-49.59	-1338.66	-1944.23	-1343.62	-1939.27	54.58
		111	15.79	-12.92	-103.18	-21.10	-94.99	25.92	-234.83	-2367.21	-1017.28	-1584.77	-1027.74
		27	17.36	96.10	-30.85	59.98	5.26	-57.28	2061.63	-24.07	1809.43	228.13	-680.01
363	66	397	12.04	147.99	-137.08	-135.75	146.66	-19.38	688.78	-826.15	-174.70	37.33	750.01
		114	28.66	-45.64	-257.72	-92.87	-210.49	-88.24	758.47	-3392.61	-799.48	-1834.66	2009.97
		112	19.91	-0.97	-152.24	-0.97	-152.24	-0.08	-1279.51	-2871.91	-1837.02	-2314.40	759.58
		29	20.54	167.10	144.15	144.45	166.81	-2.58	2721.46	115.03	2721.27	115.22	22.15
363	106	397	10.17	117.32	-117.56	-111.11	110.87	-38.37	521.36	-609.77	-137.93	49.53	557.74
		114	22.72	-20.67	-224.01	-77.20	-167.47	-91.11	453.96	-2628.08	-668.68	-1505.45	1483.14
		112	15.01	0.06	-122.78	-4.81	-117.90	-23.98	-1185.09	-2210.79	-1507.91	-1887.97	476.34
		29	15.41	144.53	89.53	106.98	127.07	-25.60	2034.65	104.35	2032.92	106.09	-57.91
363	138	397	10.36	118.65	-120.43	-112.45	110.68	-42.93	517.86	-610.57	-145.31	52.61	555.47
		114	22.88	-17.86	-229.33	-78.56	-168.63	-95.66	429.88	-2636.11	-680.90	-1525.33	1473.70
		112	15.02	1.16	-124.90	-5.67	-118.07	-28.54	-1224.08	-2214.58	-1528.74	-1909.92	457.11
		29	15.35	148.41	84.62	106.14	126.90	-30.16	2019.97	105.62	2017.25	108.33	-72.04
364	56	232	64.67	137.83	-1119.97	-999.91	17.77	-369.60	734.97	-4219.67	-4116.62	631.92	707.08
		110	31.60	-112.52	-495.00	-410.18	-197.35	158.90	2481.11	-1719.47	1451.12	-689.49	1807.11
		114	40.11	-36.70	-499.30	-259.23	-276.77	-231.13	1536.32	-3101.93	-381.59	-1184.02	2284.15
		397	19.24	333.38	63.78	219.05	178.11	133.23	-700.22	-2687.49	-1085.97	-2301.74	785.99
364	101	232	51.87	105.42	-891.09	-802.88	17.22	-283.05	521.42	-3429.80	-3348.32	439.94	561.52
		110	23.16	-104.44	-375.08	-337.59	-141.93	93.49	1768.87	-1458.72	908.61	-598.45	1427.07
		114	31.63	-22.99	-397.38	-214.44	-205.93	-187.15	1083.49	-2517.58	-465.99	-968.09	1782.95
		397	15.61	247.77	72.17	165.20	154.73	87.64	-675.07	-2169.40	-1013.96	-1830.51	625.76
364	133	232	52.31	106.03	-897.86	-808.85	17.03	-285.35	512.55	-3471.09	-3389.03	430.49	565.84
		110	23.18	-107.46	-378.94	-343.75	-142.65	91.19	1742.62	-1487.34	867.00	-611.71	1435.80
		114	31.82	-21.81	-400.87	-216.73	-205.95	-189.46	1063.86	-2546.98	-502.81	-980.31	1789.57
		397	15.75	245.02	74.20	163.11	156.11	85.34	-701.69	-2188.23	-1050.04	-1839.89	629.67
365	21	111	15.05	-26.67	-63.37	-26.70	-63.34	1.12	-392.41	-2208.20	-762.60	-1838.01	-731.54
		122	19.74	-54.87	-125.06	-56.17	-123.76	9.45	-650.85	-2737.04	-760.88	-2627.01	-466.29
		116	32.95	18.39	-146.13	-92.91	-34.83	-76.97	5330.65	1194.45	1213.54	5311.57	-280.33
		109	29.69	21.28	-201.23	-96.16	-83.79	111.08	4122.51	533.04	620.52	4035.03	-553.48
365	122	111	12.57	-15.49	-83.81	-27.06	-72.23	-25.63	-23.01	-1533.27	-558.02	-998.27	-722.33
		122	13.37	-47.78	-129.97	-51.97	-125.79	-18.07	-290.59	-1582.78	-510.35	-1363.03	-485.46
		116	29.98	9.06	-164.99	-94.99	-60.95	-85.35	4773.73	1062.81	1082.18	4754.36	-267.42
		109	25.60	-34.35	-154.50	-97.35	-91.51	60.01	3612.61	490.99	577.09	3526.51	-511.24
365	154	111	12.91	-13.04	-91.91	-28.38	-76.57	-31.22	42.49	-1508.99	-552.56	-913.95	-754.40
		122	13.15	-46.90	-138.07	-53.52	-131.45	-23.65	-233.06	-1490.99	-495.07	-1228.98	-510.82
		116	30.98	8.87	-175.88	-99.74	-67.26	-90.94	4911.78	1092.48	1112.77	4891.49	-277.67
		109	26.16	-44.68	-153.65	-101.84	-96.49	54.42	3703.70	507.83	597.68	3613.85	-528.27
366	36	112	19.14	5.03	-146.38	0.78	-142.13	-25.00	-978.44	-2617.03	-1100.97	-2494.50	431.00
		123	28.84	-56.99	-162.96	-73.26	-146.69	-38.20	-1267.98	-4185.12	-1278.90	-4174.20	178.18
		122	18.89	-41.87	-126.27	-47.71	-120.43	-21.42	-828.78	-2581.85	-858.55	-2552.09	-226.49
		111	14.08	3.45	-106.47	-19.41	-83.61	44.61	-285.82	-2167.66	-749.56	-1703.91	-810.95
366	120	112	15.64	15.76	-132.09	7.53	-123.86	-33.90	-1060.15	-2084.97	-1078.67	-2066.45	136.51
		123	23.84	-27.90	-146.53	-48.92	-125.51	-45.30	-1212.78	-3419.27	-1213.02	-3419.03	-22.91
		122	16.61	-29.05	-120.41	-42.35	-107.11	-32.22	-672.91	-2207.66	-751.02	-2129.55	-337.29
		111	13.75	-15.37	-86.37	-20.76	-80.98	18.80	-112.79	-1978.02	-665.99	-1424.83	-851.94
366	152	112	15.94	18.20	-137.47	8.96	-128.23	-36.78	-1115.88	-2103.61	-1125.66	-2093.82	97.84
		123	24.24	-25.29	-152.09	-47.49	-129.89	-48.19	-1259.39	-3458.88	-1260.74	-3457.53	-54.48
		122	17.12	-28.74	-126.85	-43.54	-112.05	-35.11	-678.06	-2254.41	-770.57	-2161.90	-370.50
		111	14.42	-18.17	-89.65	-21.90	-85.91	15.91	-90.02	-2042.41	-684.89	-1447.54	-898.64
367	36	114	27.12	-32.69	-301.90	-180.63	-153.96	-133.94	699.65	-2672.26	-452.71	-1519.91	1599.29
		124	18.21	-88.36	-193.00	-173.07	-108.30	-41.09	-58.61	-2621.76	-282.15	-2398.22	723.18
		123	28.37	-52.08	-174.88	-81.56	-145.40	-52.45	-1201.59	-4132.92	-1230.58	-4103.94	290.04
		112	19.59	32.21	-124.41	28.60	-120.80	-23.52	-990.74	-2777.97	-1144.84	-2623.87	501.66
367	118	114	20.40	3.33	-246.74	-122.75	-120.66	-125.03	122.03	-2160.67	-692.27	-1346.37	1093.49
		124	15.33	-39.78	-158.70	-115.76	-82.73	-57.12	-467.32	-2340.07	-599.28	-2208.11	479.29
		123	23.88	-14.99	-155.24	-57.69	-112.55	-64.53	-1134.61	-3492.34	-1138.34	-3488.60	93.78
		112	15.49	40.45	-107.75	27.50	-94.80	-41.85	-1015.78	-2199.87	-1048.43	-2167.22	193.91
367	150	114	20.37	8.81	-250.59	-119.44	-122.35	-129.69	41.64	-2183.84	-761.75	-1380.46	1068.87
		124	15.73	-35.01	-161.73	-112.46	-84.28	-61.77	-551.19	-2406.73	-676.75	-2281.17	466.05
		123	24.39	-10.65	-160.65	-56.70	-114.59	-69.19	-1176.98	-3558.57	-1178.95	-3556.60	68.45
		112	15.72	43.89	-112.06	28.50	-96.67	-46.51	-1061.17	-2217.83	-1082.81	-2196.19	156.71
368	66	110	28.90	-15.82	-591.73	-519.78	-87.77	-190.42	1226.27	-1210.41	-162.19	178.05	1206.40
		121	20.72	10.17	-257.00	-184.86	-61.97	118.62	1854.20	-842.33	1193.81	-181.94	1159.59
		124	23.06	-50.51	-276.48	-237.91	-89.07	-85.01	187.18	-2659.72	-123.43	-2349.11	887.57
		114	26.50	-29.59	-214.11	-139.88	-103.81	-90.48	606.24	-3021.93	-532.37	-1883.33	1683.64
368	117	110	24.98	-23.44	-496.39	-449.25	-70.58	-141.68	1217.76	-744.27	315.36	158.12	977.86
		121	15.81	2.63	-236.88	-189.96	-44.29	95.06	1804.70	-391.81	1399.98	12.91	851.56
		124	18.86	-38.21	-229.76	-207.31	-60.66	-61.61	407.95	-1901.44	181.80	-1675.29	686.38
		114	21.75	-33.49	-177.27	-134.01	-76.76	-65.95	723.92	-2312.68	-152.81	-1435.95	1376.09
368	149	110	25.59	-25.20	-505.26	-459.61	-70.85	-140.82	1275.72	-710.04	403.44	162.24	985.53

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		121	16.38	1.61	-245.71	-200.11	-44.00	95.91	1883.76	-345.47	1494.56	43.73	846.25
		124	19.11	-38.16	-233.81	-212.65	-59.32	-60.76	460.31	-1872.05	237.19	-1648.92	686.02
		114	22.05	-35.83	-180.40	-139.56	-76.68	-65.09	773.94	-2313.05	-102.75	-1436.36	1392.03
369	76	122	21.67	-14.57	-165.98	-53.31	-127.25	-66.07	-1021.51	-2895.03	-1100.44	-2816.10	-376.37
		131	20.80	-60.34	-123.05	-62.80	-120.58	-12.19	-1128.25	-2976.80	-1128.36	-2976.68	14.52
		125	35.87	32.92	-205.91	-100.46	-72.53	-118.59	5549.24	1136.44	1136.50	5549.18	-16.63
		116	35.24	-37.54	-153.13	-95.01	-95.66	57.80	5325.97	1015.60	1029.77	5311.80	-246.73
369	118	122	14.35	-6.73	-157.59	-50.02	-114.29	-68.25	-642.08	-1636.34	-790.46	-1487.96	-354.28
		131	12.27	-42.85	-124.06	-58.12	-108.79	-31.73	-801.78	-1548.35	-802.69	-1547.45	-25.99
		125	32.75	20.32	-197.47	-102.97	-74.18	-107.94	5047.82	1034.63	1034.94	5047.52	-35.04
		116	31.74	-74.68	-116.98	-98.54	-93.12	20.97	4824.38	929.39	943.35	4810.42	-232.79
369	150	122	14.09	-5.99	-165.53	-51.82	-119.70	-72.19	-601.03	-1536.04	-782.15	-1354.92	-369.52
		131	11.67	-42.46	-131.94	-60.19	-114.21	-35.67	-789.75	-1403.30	-791.76	-1401.29	-35.07
		125	33.83	18.17	-207.38	-108.79	-80.42	-111.88	5198.20	1065.83	1066.21	5197.83	-39.58
		116	32.70	-84.64	-119.07	-104.36	-99.35	17.03	4962.34	957.31	972.07	4947.58	-242.63
370	76	123	28.08	-37.97	-178.57	-71.16	-145.38	-59.71	-1437.07	-4104.59	-1455.46	-4086.20	220.77
		141	29.60	-47.43	-161.31	-79.84	-128.90	-51.39	-1450.67	-4377.58	-1454.78	-4373.46	-109.65
		131	19.49	-22.05	-144.43	-63.35	-103.13	-57.87	-1160.43	-2813.84	-1161.02	-2813.25	31.30
		122	19.47	-41.81	-122.24	-47.38	-116.67	-20.41	-1081.80	-2732.62	-1156.20	-2658.22	-342.46
370	120	123	23.17	-24.29	-145.67	-46.34	-123.61	-46.81	-1399.94	-3365.63	-1403.18	-3362.38	79.81
		141	24.41	-31.45	-132.38	-52.93	-110.90	-41.31	-1399.05	-3601.92	-1406.23	-3594.74	-125.62
		131	16.58	-24.57	-124.78	-55.64	-93.70	-46.35	-1022.30	-2354.41	-1022.77	-2353.93	-25.13
		122	16.66	-38.94	-108.67	-43.49	-104.12	-17.23	-915.77	-2318.82	-1014.41	-2220.17	-358.71
370	152	123	23.54	-23.27	-149.10	-44.47	-127.90	-47.09	-1459.36	-3405.74	-1461.26	-3403.84	60.77
		141	24.80	-30.64	-135.75	-51.07	-115.31	-41.60	-1456.62	-3648.16	-1464.95	-3639.83	-134.87
		131	16.97	-26.94	-129.10	-57.19	-98.85	-46.64	-1049.31	-2393.02	-1050.27	-2392.05	-35.96
		122	17.07	-40.51	-113.61	-44.98	-109.14	-17.51	-932.40	-2363.41	-1041.27	-2254.54	-379.39
371	87	91	109.94	-45.86	-645.61	-68.43	-623.04	-114.11	-1.737e+04	-3.016e+04	-1.831e+04	-2.922e+04	3339.05
		463	40.98	41.83	-355.13	-279.71	-33.59	-155.72	875.38	-9411.71	873.34	-9409.67	-144.82
		466	47.84	-152.05	-317.14	-287.51	-181.68	-63.35	1.143e+04	-1540.42	-1075.38	1.096e+04	2411.25
		93	98.84	-193.05	-269.09	-251.11	-211.04	32.31	2.367e+04	-4069.87	-4069.87	2.367e+04	7.17
371	119	91	81.06	-41.04	-410.52	-49.74	-401.82	-56.03	-1.319e+04	-2.256e+04	-1.400e+04	-2.175e+04	2631.69
		463	31.84	45.09	-242.99	-216.33	18.43	-83.48	485.52	-7179.07	485.48	-7179.03	17.99
		466	36.92	-90.30	-231.93	-230.43	-91.79	-14.48	8928.14	-1153.97	-845.54	8619.72	1736.22
		93	76.86	-80.94	-224.40	-201.52	-103.82	52.53	1.868e+04	-2975.98	-2975.07	1.868e+04	-139.73
371	151	91	80.61	-42.16	-399.63	-49.43	-392.36	-50.45	-1.319e+04	-2.246e+04	-1.401e+04	-2.164e+04	2637.02
		463	31.84	48.31	-240.18	-217.33	25.46	-77.91	460.73	-7147.39	460.59	-7147.26	32.16
		466	37.29	-84.40	-232.55	-232.01	-84.94	-8.90	8957.92	-1151.77	-850.34	8656.48	1719.46
		93	77.47	-69.22	-227.91	-202.60	-94.54	58.11	1.879e+04	-2960.19	-2958.94	1.879e+04	-165.06
372	87	93	71.35	-217.39	-270.56	-217.88	-270.07	5.11	1.630e+04	-3183.97	-2995.47	1.611e+04	-1907.03
		466	61.90	-154.16	-300.71	-287.15	-167.72	-42.48	1.608e+04	-182.31	-19.15	1.592e+04	1620.89
		467	54.32	-157.96	-268.08	-266.00	-160.04	15.00	1.480e+04	1604.95	1621.31	1.478e+04	-464.29
		94	59.86	-158.17	-262.99	-248.34	-172.81	36.34	1.582e+04	878.94	1127.46	1.557e+04	-1910.94
372	118	93	55.04	-151.55	-219.16	-156.20	-214.50	-17.11	1.262e+04	-2290.13	-2173.28	1.250e+04	-1314.63
		466	47.98	-120.19	-237.33	-211.50	-146.02	-48.57	1.230e+04	-92.45	60.73	1.215e+04	1369.43
		467	42.26	-146.97	-214.91	-214.59	-147.30	-4.68	1.141e+04	1322.36	1329.04	1.140e+04	-259.52
		94	46.17	-149.08	-200.63	-199.64	-150.08	7.10	1.221e+04	798.78	961.16	1.205e+04	-1351.72
372	150	93	55.15	-147.48	-224.69	-153.98	-218.18	-21.45	1.263e+04	-2272.16	-2160.42	1.252e+04	-1285.50
		466	48.19	-120.25	-240.95	-209.65	-151.54	-52.90	1.231e+04	-88.64	71.14	1.215e+04	1398.28
		467	42.38	-152.27	-217.38	-216.11	-153.54	-9.01	1.141e+04	1337.65	1343.21	1.141e+04	-236.67
		94	46.24	-154.25	-200.91	-200.74	-154.41	2.77	1.222e+04	821.16	977.89	1.207e+04	-1327.67
373	48	306	2.56	31.02	-22.11	30.16	-21.25	6.69	80.91	-161.29	-69.47	-10.91	-117.50
		459	2.14	27.99	-31.76	8.02	-11.79	-28.19	-79.95	-196.11	-195.41	-80.66	-9.02
		445	2.10	41.66	-21.23	38.19	-17.76	-14.37	50.64	-21.23	-17.42	46.84	-16.10
		307	3.26	70.20	0.93	68.80	2.33	9.74	12.18	-165.96	-113.01	-40.77	-81.42
373	119	306	2.35	39.82	-15.41	35.84	-11.43	14.29	72.69	-79.01	-22.74	16.43	-73.28
		459	1.95	27.43	-17.80	23.82	-14.19	-12.26	33.40	-74.69	-68.42	27.14	25.26
		445	2.09	50.81	-17.08	50.71	-16.98	-2.61	53.63	-15.90	18.78	18.96	34.77
		307	2.88	83.63	7.69	79.93	11.39	16.35	25.63	-70.00	-8.75	-35.62	-45.89
373	151	306	2.44	43.91	-15.24	39.17	-10.49	16.07	68.72	-77.88	-21.15	11.99	-71.40
		459	2.04	29.94	-17.64	27.51	-15.21	-10.48	36.39	-76.08	-65.16	25.48	33.30
		445	2.35	56.08	-17.51	56.07	-17.50	-0.83	64.79	-21.58	25.12	18.09	43.04
		307	3.03	90.68	8.92	86.44	13.17	18.13	27.74	-67.10	-0.80	-38.55	-43.50
374	56	94	57.84	-190.84	-247.23	-243.10	-194.97	14.70	1.512e+04	777.38	1224.39	1.467e+04	-2492.26
		467	53.85	-151.32	-292.61	-273.26	-170.67	48.58	1.466e+04	1775.53	1775.72	1.466e+04	-48.87
		460	74.83	-159.02	-239.94	-239.92	-159.04	1.07	-4196.72	-2.115e+04	-4200.24	-2.115e+04	-244.40
		89	80.22	-98.95	-304.81	-242.17	-161.60	94.72	-4424.66	-2.273e+04	-4460.01	-2.269e+04	-803.55
374	119	94	42.57	-121.07	-199.47	-181.59	-138.95	32.89	1.099e+04	347.62	725.20	1.061e+04	-1968.38
		467	40.19	-86.55	-229.90	-204.24	-112.21	54.95	1.101e+04	1240.42	1240.64	1.101e+04	-45.77
		460	57.85	-94.28	-178.62	-171.71	-101.19	23.14	-3258.80	-1.647e+04	-3258.86	-1.647e+04	-27.97
		89	63.62	-46.02	-238.97	-173.62	-111.36	91.31	-3530.01	-1.809e+04	-3545.87	-1.808e+04	-480.44
374	151	94	42.15	-116.16	-202.60	-181.18	-137.57	37.32	1.084e+04	296.70	681.87	1.046e+04	-1978.24
		467	39.91	-80.61	-232.16	-203.46	-109.32	59.38	1.094e+04	1212.78	1213.04	1.094e+04	-50.31

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		460	58.03	-88.76	-179.30	-169.94	-98.12	27.57	-3269.84	-1.654e+04	-3269.84	-1.654e+04	1.71
		89	64.11	-40.32	-241.68	-172.16	-109.84	95.74	-3558.73	-1.824e+04	-3572.94	-1.823e+04	-456.46
375	21	478	12.44	110.35	-84.02	96.85	-70.52	49.41	1257.62	93.72	1240.25	111.09	-141.11
		415	10.86	36.95	-214.55	-67.72	-109.88	-123.97	151.12	-373.92	-138.44	-84.36	-261.13
		351	4.57	8.88	-45.30	2.87	-39.29	17.02	501.84	-11.27	284.94	205.63	-253.48
		508	3.64	36.44	-45.94	-10.69	1.19	40.76	430.88	103.53	429.79	104.63	18.92
375	118	478	10.40	75.98	-73.73	75.66	-73.41	6.95	1047.39	91.92	1028.03	111.28	-134.60
		415	9.61	71.05	-187.93	-44.81	-72.07	-128.77	148.58	-196.70	-65.59	17.47	-167.57
		351	3.57	17.04	-30.24	4.56	-17.76	-20.84	350.04	-12.28	231.64	106.12	-169.94
		508	4.06	-12.22	-15.23	-12.33	-15.12	0.57	624.53	138.21	622.21	140.52	-33.49
375	150	478	10.57	75.99	-76.42	75.98	-76.42	0.24	1057.65	90.53	1033.80	114.38	-149.99
		415	10.02	79.94	-192.24	-43.28	-69.03	-135.48	164.62	-193.43	-59.14	30.33	-173.35
		351	3.98	24.11	-34.42	4.71	-15.02	-27.55	376.11	7.10	259.57	123.64	-171.53
		508	4.21	-9.32	-22.57	-13.45	-18.44	-6.14	652.49	144.18	648.49	148.18	-44.93
376	23	458	2.84	-4.04	-44.95	-7.28	-41.70	-11.05	273.29	1.12	30.54	243.87	-84.50
		354	4.13	-0.72	-46.70	-20.45	-26.97	-22.76	322.52	-198.41	-166.46	290.57	124.99
		441	6.30	20.54	-69.44	7.22	-56.11	-31.96	612.89	79.44	282.11	410.23	258.92
		459	2.92	0.97	-23.52	0.34	-22.89	-3.89	268.94	-145.62	-91.70	215.01	-139.45
376	95	458	1.67	4.28	-35.92	-2.71	-28.94	-15.23	-35.94	-159.39	-153.48	-41.85	-26.36
		354	2.41	-4.04	-58.87	-18.13	-44.79	-23.96	18.78	-107.95	-57.84	-31.32	61.96
		441	4.10	13.00	-79.91	0.98	-67.89	-31.19	189.16	11.33	47.39	153.09	71.50
		459	1.30	5.67	-19.15	1.41	-14.88	-9.36	-90.11	-171.07	-168.49	-92.68	-14.21
376	127	458	1.74	5.79	-36.27	-2.11	-28.37	-16.43	-49.99	-162.97	-157.30	-55.66	-24.67
		354	2.53	-4.50	-63.53	-18.58	-49.46	-25.16	12.06	-115.88	-61.61	-42.22	63.23
		441	4.19	12.50	-84.95	0.17	-72.62	-32.39	175.95	6.71	41.05	141.61	68.06
		459	1.38	6.94	-19.64	1.72	-14.41	-10.56	-105.10	-177.43	-175.27	-107.25	-12.31
377	45	252	14.88	83.63	-367.91	-282.23	-2.05	-177.05	-245.24	-544.10	-279.95	-509.39	95.75
		133	15.97	24.15	-293.33	-286.29	17.11	-46.76	1098.82	-76.11	-32.69	1055.40	-221.66
		414	13.84	24.04	-288.46	-260.93	-3.49	-88.57	-890.72	-1217.76	-1024.37	-1084.11	160.77
		415	6.88	-0.45	-188.37	-116.85	-71.96	-91.24	406.70	172.73	272.00	307.43	-115.64
377	98	252	12.34	96.87	-276.23	-216.62	37.26	-136.70	-401.41	-731.12	-403.14	-729.39	23.82
		133	12.53	30.85	-226.39	-221.08	25.53	-36.58	828.95	-52.60	-31.17	807.52	-135.78
		414	10.59	29.64	-226.92	-206.51	9.22	-69.43	-640.69	-1018.18	-769.75	-889.12	179.06
		415	5.59	24.39	-133.96	-91.45	-18.13	-70.18	223.31	1.74	154.30	70.75	-102.61
377	130	252	12.51	102.83	-275.08	-216.33	44.08	-136.93	-425.21	-770.25	-425.70	-769.77	12.92
		133	12.72	33.52	-226.63	-221.31	28.21	-36.81	836.35	-63.23	-43.61	816.73	-131.40
		414	10.60	32.03	-227.62	-207.35	11.75	-69.66	-625.77	-1021.06	-768.35	-878.49	189.82
		415	5.67	29.46	-132.63	-91.73	-11.45	-70.41	206.42	-32.21	141.71	32.51	-106.09
378	85	461	36.71	-20.97	-350.95	-318.17	-53.74	98.70	-1192.29	-9671.19	-1212.15	-9651.33	409.88
		436	36.07	9.69	-315.79	-247.82	-58.27	132.29	-1476.62	-9824.72	-1702.48	-9598.85	1354.45
		434	44.73	-29.70	-321.85	-280.06	-71.49	102.29	1.308e+04	3757.76	3795.01	1.304e+04	588.06
		450	52.09	-42.93	-320.88	-306.75	-57.07	61.06	1.533e+04	4538.27	4538.29	1.533e+04	14.75
378	110	461	27.66	-37.54	-263.13	-235.66	-65.01	73.77	-971.46	-7518.18	-990.97	-7498.67	356.87
		436	28.50	-7.64	-237.95	-179.56	-66.03	100.19	-1195.50	-7650.09	-1369.61	-7475.98	1045.70
		434	34.67	-43.39	-243.69	-210.80	-76.27	74.20	1.013e+04	2835.32	2868.23	1.010e+04	488.91
		450	40.27	-55.24	-244.11	-232.08	-67.27	46.12	1.186e+04	3425.95	3426.13	1.186e+04	38.26
378	142	461	27.38	-41.47	-260.99	-233.00	-69.47	73.22	-970.03	-7484.51	-990.80	-7463.74	367.21
		436	28.53	-10.49	-236.52	-176.84	-70.17	99.64	-1192.78	-7626.55	-1371.73	-7447.60	1057.95
		434	34.88	-47.44	-243.28	-209.89	-80.83	73.65	1.016e+04	2831.85	2865.95	1.013e+04	498.80
		450	40.51	-60.02	-243.35	-231.22	-72.15	45.57	1.190e+04	3422.84	3423.09	1.190e+04	46.64
379	85	450	51.24	-70.64	-327.39	-315.28	-82.75	54.44	1.509e+04	4337.18	4349.29	1.508e+04	-360.80
		434	44.05	-32.14	-328.34	-279.90	-80.59	109.56	1.304e+04	4131.63	4176.21	1.300e+04	628.78
		435	46.52	-60.01	-311.86	-268.15	-103.73	95.38	1.300e+04	3101.11	3460.56	1.264e+04	-1851.68
		433	48.92	-112.03	-292.76	-287.59	-117.20	30.12	1.420e+04	4250.87	4251.06	1.420e+04	43.65
379	120	450	39.10	-71.74	-250.00	-242.09	-79.65	36.71	1.142e+04	3285.02	3291.87	1.141e+04	-235.85
		434	33.82	-45.65	-249.61	-214.81	-80.45	76.72	9895.26	3129.78	3170.02	9855.02	520.20
		435	35.80	-68.66	-245.03	-215.09	-98.61	66.22	9935.40	2378.67	2634.97	9679.11	-1367.86
		433	37.75	-104.27	-231.64	-229.07	-106.84	17.92	1.085e+04	3229.80	3230.82	1.085e+04	88.01
379	152	450	39.14	-75.44	-249.43	-241.88	-82.99	35.45	1.140e+04	3282.36	3288.61	1.140e+04	-225.22
		434	33.89	-49.92	-249.28	-214.73	-84.47	75.46	9890.97	3125.78	3167.63	9849.12	530.48
		435	35.84	-73.74	-246.73	-217.36	-103.12	64.95	9925.09	2377.99	2630.38	9672.71	-1356.87
		433	37.80	-108.42	-233.60	-231.34	-110.67	16.66	1.084e+04	3224.11	3225.43	1.084e+04	100.10
380	76	433	50.19	-149.21	-281.46	-280.21	-150.46	12.80	1.432e+04	4199.46	4247.71	1.427e+04	-697.04
		435	47.75	-70.54	-329.77	-265.01	-135.30	112.22	1.310e+04	2810.97	3044.60	1.287e+04	-1533.00
		446	67.27	-161.89	-246.56	-243.83	-164.63	14.96	-3791.54	-1.894e+04	-3829.21	-1.890e+04	-754.35
		429	76.38	-132.71	-318.88	-279.50	-172.09	76.03	-4070.17	-2.153e+04	-4074.74	-2.153e+04	-282.40
380	94	433	38.45	-120.01	-218.74	-218.15	-120.60	-7.60	1.095e+04	3181.53	3218.29	1.092e+04	-533.28
		435	35.93	-85.56	-244.04	-210.99	-118.61	64.38	9835.14	2106.92	2284.29	9657.78	-1157.25
		446	52.29	-144.53	-208.97	-208.97	-144.54	0.52	-2920.27	-1.463e+04	-2953.79	-1.459e+04	-625.56
		429	58.63	-131.87	-242.61	-233.75	-140.73	30.04	-3128.39	-1.651e+04	-3132.49	-1.651e+04	-234.17
380	126	433	38.39	-122.59	-220.23	-218.77	-124.05	-11.84	1.091e+04	3168.21	3204.59	1.088e+04	-529.64
		435	35.78	-93.62	-242.95	-212.52	-124.04	60.15	9771.79	2088.86	2265.74	9594.91	-1152.25
		446	52.63	-150.42	-213.98	-213.76	-150.63	-3.71	-2933.31	-1.469e+04	-2967.14	-1.465e+04	-629.76

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		429	58.83	-138.19	-244.82	-238.17	-144.85	25.80	-3137.05	-1.655e+04	-3141.38	-1.654e+04	-240.82
381	2	347	18.19	-107.03	-217.48	-185.44	-139.07	-50.12	-420.47	-2468.06	-442.72	-2445.82	212.26
		326	21.20	-53.01	-199.41	-164.62	-87.80	62.31	-293.47	-3032.50	-308.79	-3017.18	204.30
		325	17.41	-90.17	-238.01	-209.71	-118.47	58.16	-141.45	-2459.55	-203.22	-2397.78	-373.33
		346	16.54	-120.58	-133.43	-125.37	-128.64	6.21	-448.36	-2177.41	-571.32	-2054.45	444.40
381	112	347	11.85	-96.48	-140.25	-135.42	-101.31	-13.71	-221.12	-1520.38	-230.89	-1510.61	-112.24
		326	17.19	-10.07	-169.17	-122.22	-57.02	72.56	-263.93	-2522.34	-276.36	-2509.91	-167.09
		325	18.42	-38.26	-189.70	-149.48	-78.49	66.89	91.30	-2366.20	-69.10	-2205.80	-607.00
		346	16.35	-62.61	-121.61	-91.47	-92.76	29.49	-830.52	-2350.78	-830.56	-2350.74	-7.33
381	144	347	12.30	-98.17	-138.11	-135.19	-101.09	-10.39	-230.91	-1602.63	-240.77	-1592.77	-115.92
		326	17.85	-6.01	-171.53	-121.79	-55.75	75.88	-274.70	-2614.54	-287.97	-2601.28	-175.67
		325	19.02	-33.94	-191.39	-148.28	-77.05	70.21	68.67	-2460.32	-92.22	-2299.43	-617.24
		346	16.85	-58.58	-124.24	-90.47	-92.35	32.81	-851.81	-2435.21	-851.86	-2435.16	-9.11
382	2	415	7.39	31.14	-191.36	-106.73	-53.49	-108.02	305.86	-37.77	285.69	-17.60	-80.77
		414	13.84	14.55	-252.70	-250.59	12.43	-23.66	-740.73	-1135.08	-1034.81	-840.99	-171.72
		458	5.08	14.88	-65.00	3.52	-53.64	-27.89	316.67	-237.36	-234.70	314.01	-38.29
		351	4.10	-2.40	-54.90	-6.03	-51.27	13.32	191.15	-365.81	-57.64	-117.02	-276.89
382	110	415	6.23	34.72	-158.27	-89.54	-34.01	-92.42	101.97	-42.86	85.13	-26.02	-46.42
		414	10.57	19.95	-199.87	-195.32	15.40	-31.29	-557.37	-773.66	-748.45	-582.58	-69.41
		458	3.34	20.66	-55.29	-2.37	-32.26	-34.91	119.37	-213.59	-212.83	118.62	-15.80
		351	2.49	-6.75	-26.56	-6.78	-26.52	0.82	123.07	-267.01	-76.51	-67.43	-194.98
382	142	415	6.37	38.31	-161.06	-91.42	-31.33	-95.05	84.29	-44.46	69.63	-29.79	-40.91
		414	10.76	22.83	-202.47	-197.24	17.60	-33.93	-580.91	-789.02	-769.19	-600.74	-61.10
		458	3.33	22.85	-56.71	-3.79	-30.07	-37.55	101.63	-226.70	-226.15	101.08	-13.53
		351	2.63	-7.90	-24.07	-8.11	-23.87	-1.82	118.90	-275.76	-86.48	-70.38	-197.17
383	76	439	51.74	-172.62	-292.85	-291.41	-174.06	-13.09	1.434e+04	2638.84	2650.98	1.432e+04	376.72
		440	52.13	-150.95	-309.48	-283.46	-176.98	58.73	1.480e+04	5075.04	5075.97	1.480e+04	-95.14
		457	79.20	-173.97	-283.83	-278.83	-178.96	-22.89	-4127.51	-2.227e+04	-4129.65	-2.227e+04	-196.87
		454	77.57	-135.30	-301.26	-260.30	-176.26	71.55	-4395.83	-2.186e+04	-4396.46	-2.186e+04	105.05
383	98	439	39.86	-123.48	-243.39	-230.22	-136.64	-37.49	1.101e+04	2028.31	2036.50	1.100e+04	271.14
		440	39.88	-136.14	-224.78	-223.55	-137.38	10.37	1.133e+04	3888.17	3888.98	1.133e+04	-77.63
		457	60.77	-123.64	-248.18	-231.88	-139.94	-42.00	-3166.83	-1.709e+04	-3169.40	-1.709e+04	-189.02
		454	59.29	-138.47	-222.51	-219.44	-141.54	15.76	-3353.54	-1.671e+04	-3353.88	-1.671e+04	67.22
383	130	439	39.88	-121.64	-249.13	-231.39	-139.38	-44.12	1.099e+04	2021.37	2029.40	1.098e+04	268.27
		440	39.81	-139.67	-224.83	-224.66	-139.84	3.74	1.129e+04	3878.79	3879.63	1.129e+04	-79.08
		457	60.95	-122.18	-256.63	-235.82	-143.00	-48.63	-3172.62	-1.712e+04	-3175.36	-1.712e+04	-195.53
		454	59.40	-143.83	-224.49	-223.44	-144.88	9.13	-3356.32	-1.673e+04	-3356.58	-1.673e+04	58.89
384	65	449	9.81	-29.12	-184.05	-141.47	-71.69	-69.16	-39.93	-2082.92	-222.61	-1900.24	582.96
		448	5.74	-19.01	-142.17	-83.58	-77.59	-61.50	297.42	-802.97	192.56	-698.11	323.09
		447	29.91	24.25	-291.16	-195.43	-71.48	-145.02	115.74	-6719.96	-728.29	-5875.93	2248.81
		436	34.93	11.22	-285.23	-253.99	-20.02	-91.02	-610.13	-8604.20	-803.44	-8410.89	1228.02
384	111	449	8.65	-2.53	-156.43	-116.48	-42.48	-67.47	-91.69	-1798.28	-185.95	-1704.02	389.85
		448	5.23	0.50	-124.33	-73.48	-50.35	-61.33	227.44	-707.42	170.55	-650.53	223.50
		447	23.08	31.18	-238.04	-159.87	-46.99	-122.21	129.55	-5010.27	-491.43	-4389.29	1675.15
		436	27.12	27.64	-235.41	-203.48	-4.29	-85.90	-400.84	-6485.77	-534.35	-6352.25	891.41
384	143	449	8.85	1.68	-160.30	-118.52	-40.10	-70.87	-100.07	-1832.00	-179.12	-1752.95	361.47
		448	5.30	4.13	-128.16	-75.59	-48.44	-64.73	223.22	-714.84	182.15	-673.77	191.91
		447	23.20	34.99	-242.11	-162.03	-45.09	-125.61	114.23	-5015.70	-487.44	-4414.03	1650.61
		436	27.38	31.69	-239.18	-205.57	-1.92	-89.30	-409.74	-6529.04	-536.03	-6402.75	869.97
385	87	90	29.80	-160.54	-581.33	-578.11	-163.76	-36.69	2471.14	-3950.85	1703.90	-3183.62	2082.91
		464	23.78	1.78	-38.75	-9.62	-27.35	18.22	120.37	-6142.90	-3351.42	-2671.12	-3113.11
		463	50.69	-184.20	-295.97	-295.50	-184.67	-7.21	58.32	-1.312e+04	-17.46	-1.305e+04	-996.49
		91	48.02	199.77	-305.85	37.47	-143.55	-236.05	-1.085e+04	-1.264e+04	-1.207e+04	-1.142e+04	-830.72
385	110	90	23.82	-128.85	-450.55	-443.43	-135.98	-47.35	2116.55	-2971.42	1561.51	-2416.39	1586.17
		464	18.29	-9.81	-34.71	-13.32	-31.20	-8.67	355.97	-4536.59	-2205.44	-1975.19	-2443.57
		463	39.59	-136.46	-233.19	-226.66	-142.99	-24.27	125.81	-1.018e+04	52.53	-1.011e+04	-865.85
		91	37.10	162.73	-272.38	18.22	-127.88	-204.92	-8232.86	-9541.22	-9061.19	-8712.89	-630.57
385	150	90	24.37	-133.46	-453.13	-442.26	-144.32	-57.91	2279.87	-2914.39	1732.95	-2367.48	1594.27
		464	18.73	-1.45	-47.68	-11.74	-37.39	-19.23	485.87	-4462.04	-2035.81	-1940.36	-2473.49
		463	39.81	-132.11	-226.56	-211.23	-147.45	-34.83	219.59	-1.010e+04	140.50	-1.003e+04	-900.19
		91	36.97	181.43	-281.41	34.39	-134.37	-215.49	-8181.28	-9470.48	-8972.34	-8679.42	-627.74
386	21	448	9.61	11.99	-227.74	-95.78	-119.98	-119.25	298.51	-1206.34	-64.72	-843.12	643.95
		238	4.05	35.00	-48.85	25.49	-39.34	26.59	249.09	-470.74	244.93	-466.58	54.55
		249	16.67	-22.50	-312.19	-71.84	-262.86	-108.89	586.95	-2671.25	-2435.87	351.57	843.51
		447	31.93	69.34	-262.79	-161.53	-31.92	-152.89	1418.93	-6063.53	-17.71	-4626.89	2947.15
386	113	448	7.36	33.90	-194.84	-79.14	-81.80	-114.36	-26.06	-943.74	-161.20	-808.61	325.19
		238	2.66	13.94	-38.11	13.82	-37.99	-2.51	58.41	-370.55	47.02	-359.16	-68.98
		249	13.32	-3.41	-265.02	-57.64	-210.79	-106.04	418.77	-2050.31	-1914.23	282.68	563.46
		447	25.01	83.15	-223.20	-127.14	-12.90	-142.12	924.51	-4640.81	-59.19	-3657.11	2122.96
386	145	448	7.38	39.19	-199.21	-79.93	-80.08	-119.20	-73.39	-954.96	-184.66	-843.69	292.76
		238	2.72	13.93	-39.37	12.90	-38.33	-7.34	51.54	-381.37	29.91	-359.74	-94.32
		249	13.40	-2.76e-04	-269.43	-58.21	-211.22	-110.88	412.41	-2048.66	-1920.38	284.13	547.02
		447	25.14	88.72	-227.45	-127.61	-11.12	-146.96	890.78	-4652.14	-71.48	-3689.88	2099.47

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
387	65	464	20.60	-98.98	-158.50	-99.09	-158.38	-2.59	-508.55	-4958.03	-888.37	-4578.21	-1243.27
		469	17.07	243.95	65.01	115.14	193.83	80.35	-373.15	-3657.91	-375.89	-3655.17	94.84
		468	45.46	144.12	-253.16	-213.04	103.99	-119.71	-739.63	-1.131e+04	-914.88	-1.113e+04	-1349.48
		463	30.82	-52.42	-233.52	-228.65	-57.29	-29.29	-2513.33	-9020.63	-2550.38	-8983.58	-489.63
387	123	464	14.99	-76.60	-114.65	-81.65	-109.60	12.90	-366.95	-3715.75	-619.53	-3463.16	-884.34
		469	15.76	265.36	58.74	101.87	222.23	83.97	-256.36	-3036.57	-260.02	-3032.91	100.84
		468	35.36	156.24	-179.98	-161.68	137.94	-76.28	-592.86	-8413.05	-717.68	-8288.23	-980.07
		463	23.38	-26.29	-182.48	-181.94	-26.83	-9.19	-1910.98	-6747.40	-1930.44	-6727.94	-306.16
387	155	464	14.75	-72.47	-114.45	-81.52	-105.40	17.26	-376.20	-3692.28	-606.56	-3461.92	-843.11
		469	16.21	280.60	59.78	103.95	236.43	88.33	-249.69	-3074.20	-256.14	-3067.75	134.87
		468	35.82	167.80	-176.00	-160.23	152.03	-71.92	-607.71	-8445.58	-727.38	-8325.91	-961.06
		463	23.49	-22.58	-182.55	-182.40	-22.73	-4.83	-1916.60	-6744.35	-1932.51	-6728.44	-276.66
388	65	462	12.27	-44.38	-145.52	-143.24	-46.66	-15.01	-62.88	-3019.86	-134.15	-2948.59	453.50
		449	8.56	-59.08	-164.08	-147.19	-75.98	-38.58	-506.15	-2210.30	-670.57	-2045.88	503.14
		436	32.99	1.61	-272.78	-248.45	-22.72	-77.99	-1476.76	-8656.54	-1657.74	-8475.56	1125.45
		461	33.32	-18.43	-300.49	-300.33	-18.59	6.74	-857.13	-8391.63	-875.79	-8372.96	374.54
388	111	462	10.88	-16.91	-122.27	-119.59	-19.59	-16.59	-45.87	-2553.30	-87.31	-2511.86	319.66
		449	7.39	-34.31	-135.56	-123.50	-46.38	-32.80	-389.67	-1899.53	-485.48	-1803.71	368.09
		436	25.42	8.96	-221.20	-204.17	-8.07	-60.23	-1069.60	-6535.20	-1197.11	-6407.68	825.04
		461	25.87	0.36	-242.66	-242.64	0.34	-2.36	-571.00	-6315.10	-582.33	-6303.77	254.87
388	143	462	11.20	-13.77	-124.89	-122.06	-16.60	-17.50	-38.65	-2603.76	-76.48	-2565.92	309.23
		449	7.61	-32.04	-138.19	-126.12	-44.11	-33.70	-390.09	-1934.89	-473.25	-1851.73	348.64
		436	25.67	11.20	-224.40	-207.30	-5.90	-61.14	-1076.67	-6579.66	-1197.72	-6458.61	807.15
		461	26.20	3.27	-245.66	-245.62	3.22	-3.26	-571.25	-6371.16	-581.69	-6360.72	245.87
389	2	91	67.75	14.64	-1392.71	-995.71	-382.36	-633.34	3859.90	-478.09	3837.57	-455.76	310.42
		251	36.65	126.64	-777.50	-548.52	-102.34	-393.18	-532.47	-2010.26	-2010.22	-532.50	7.29
		252	25.35	42.62	-712.49	-359.37	-310.51	-376.77	265.59	21.51	126.82	160.28	-120.88
		90	31.51	770.39	-156.48	759.33	-145.42	-100.63	1937.77	1071.10	1138.91	1869.96	232.74
389	118	91	52.05	70.35	-1089.25	-724.25	-294.65	-538.55	2735.05	-427.11	2710.14	-402.20	279.56
		251	28.73	153.11	-630.09	-418.09	-58.89	-347.98	-472.51	-1253.73	-1252.72	-473.52	-28.05
		252	23.00	122.09	-558.47	-224.41	-211.98	-340.22	91.95	-259.38	-127.08	-40.35	-170.22
		90	24.89	596.64	-149.58	575.21	-128.15	-124.63	1409.85	779.98	868.99	1320.84	219.42
389	150	91	52.33	82.47	-1097.59	-716.89	-298.24	-551.65	2724.23	-440.35	2698.83	-414.95	282.38
		251	29.13	173.46	-632.53	-408.48	-50.59	-361.09	-495.79	-1267.13	-1266.23	-496.69	-26.36
		252	23.71	140.84	-566.00	-220.41	-204.75	-353.33	72.05	-280.39	-144.29	-64.05	-171.59
		90	25.38	602.68	-158.65	576.89	-132.86	-137.74	1396.20	765.18	853.90	1307.48	219.35
390	85	90	22.32	355.94	-297.88	349.11	-291.05	66.47	1607.70	458.76	1230.66	835.79	-539.48
		252	25.83	251.13	-565.24	-201.29	-112.81	-405.78	-137.64	-620.12	-197.20	-560.56	158.71
		415	14.15	91.09	-274.39	-53.88	-129.42	-178.79	334.41	-345.52	-163.31	152.20	-301.15
		478	16.48	94.57	-122.24	81.82	-109.49	51.01	1450.39	-369.47	1448.86	-367.94	-52.71
390	110	90	17.51	275.50	-232.57	273.85	-230.92	28.93	1246.48	304.90	908.09	643.29	-451.79
		252	21.39	238.94	-437.12	-140.59	-57.58	-335.47	-155.90	-577.78	-205.64	-528.04	136.06
		415	11.86	114.97	-209.85	-30.44	-64.44	-161.52	186.72	-223.83	-22.99	-14.13	-205.23
		478	12.53	54.19	-103.14	52.33	-101.28	17.02	1147.77	-238.98	1137.78	-228.99	-117.30
390	142	90	17.82	275.55	-237.95	274.67	-237.07	21.20	1269.77	300.22	917.52	652.47	-466.31
		252	21.93	252.62	-439.32	-137.03	-49.66	-343.20	-167.33	-604.58	-220.61	-551.30	143.03
		415	12.22	127.07	-212.60	-28.67	-56.87	-169.25	181.47	-219.65	-2.60	-35.57	-199.88
		478	12.77	51.42	-108.32	50.88	-107.78	9.29	1175.41	-229.85	1161.95	-216.39	-136.85
391	65	430	37.51	-54.65	-307.99	-307.96	-54.68	-2.92	1.027e+04	4657.09	7208.46	7720.80	2795.82
		113	58.82	-97.10	-396.51	-289.13	-204.47	143.60	-2877.28	-1.522e+04	-1.517e+04	-2919.74	722.57
		115	60.26	-121.57	-405.45	-372.74	-154.28	-90.64	-2451.72	-1.488e+04	-1.476e+04	-2572.38	-1218.63
		431	48.07	80.54	-356.17	-276.77	1.14	168.44	1.241e+04	4442.72	7800.77	9052.79	-3934.57
391	111	430	29.08	-21.36	-239.37	-238.07	-22.66	-16.78	7946.44	3636.18	5515.32	6067.30	2137.39
		113	45.31	-98.99	-299.33	-227.97	-170.35	95.94	-2178.09	-1.174e+04	-1.171e+04	-2207.09	525.62
		115	46.75	-92.05	-325.99	-289.25	-128.79	-85.12	-1850.31	-1.150e+04	-1.140e+04	-1953.40	-992.20
		431	36.56	66.54	-259.44	-211.47	18.57	115.48	9594.56	3353.76	5919.23	7029.09	-3070.66
391	143	430	29.11	-15.68	-240.25	-238.40	-17.54	-20.33	7948.29	3642.63	5508.31	6082.62	2133.60
		113	45.33	-102.93	-296.75	-229.06	-170.62	92.40	-2172.93	-1.174e+04	-1.171e+04	-2201.05	518.01
		115	46.86	-89.88	-329.17	-289.87	-129.18	-88.66	-1843.94	-1.152e+04	-1.141e+04	-1949.01	-1002.81
		431	36.43	68.60	-255.92	-211.12	23.80	111.94	9604.14	3345.64	5907.14	7042.64	-3077.32
392	65	431	56.04	-3.79	-286.74	-273.76	-16.77	59.20	1.502e+04	2422.01	7414.35	1.002e+04	-6160.05
		115	53.04	-43.22	-504.53	-387.11	-160.65	200.95	-2418.04	-1.341e+04	-1.305e+04	-2782.85	-1969.09
		2	12.63	139.69	-48.07	70.27	21.35	-90.64	1220.02	-1680.95	-951.60	490.67	-1258.52
		432	49.28	54.05	-265.66	-136.55	-75.06	156.87	-564.86	-1.245e+04	-1963.59	-1.105e+04	-3830.48
392	111	431	43.28	19.20	-214.31	-206.94	11.83	40.84	1.171e+04	1810.91	5636.81	7883.67	-4820.14
		115	41.07	-36.17	-388.92	-301.82	-123.27	152.12	-1849.44	-1.038e+04	-1.008e+04	-2148.85	-1569.47
		2	10.61	129.93	-36.42	68.94	24.56	-80.16	1030.29	-1335.67	-707.78	402.40	-1044.66
		432	38.57	62.60	-186.69	-90.61	-33.47	121.32	-334.04	-9585.52	-1495.11	-8424.45	-3064.89
392	143	431	43.29	25.09	-213.11	-206.34	18.32	39.58	1.174e+04	1800.39	5627.95	7913.02	-4836.99
		115	41.15	-36.81	-388.05	-302.34	-122.52	150.86	-1848.87	-1.039e+04	-1.009e+04	-2151.13	-1578.42
		2	10.78	133.45	-35.70	71.74	26.01	-81.42	1053.22	-1348.51	-704.00	408.71	-1064.21
		432	38.67	67.27	-180.33	-86.73	-26.33	120.06	-305.23	-9574.19	-1487.59	-8391.84	-3092.13
393	85	510	2.77	0.15	-58.81	-6.59	-52.06	-18.77	-286.31	-479.59	-289.00	-476.90	22.65

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		511	2.53	10.62	-54.83	7.80	-52.01	13.28	-16.05	-281.46	-38.65	-258.86	74.07
		496	5.64	-15.51	-90.15	-41.55	-64.11	-35.57	318.34	-1102.83	68.96	-853.44	540.58
		493	6.44	-26.04	-111.25	-82.44	-54.86	-40.31	-245.38	-1664.40	-358.51	-1551.27	384.36
393	122	510	1.95	9.13	-41.62	7.19	-39.69	-9.72	-180.48	-374.34	-233.11	-321.71	86.21
		511	2.20	24.61	-40.62	21.15	-37.15	14.63	31.42	-273.97	-111.07	-131.48	152.35
		496	4.76	-6.15	-66.81	-22.04	-50.92	-26.67	356.72	-860.21	62.38	-565.87	521.11
		493	5.12	-20.89	-78.70	-54.82	-44.77	-28.47	-82.69	-1291.53	-217.24	-1156.98	380.20
393	154	510	1.98	13.20	-41.13	11.74	-39.67	-8.80	-176.20	-407.38	-260.16	-323.41	111.18
		511	2.37	29.31	-40.67	25.66	-37.02	15.55	53.91	-314.97	-136.63	-124.43	184.34
		496	4.94	-5.26	-65.89	-19.58	-51.57	-25.75	391.82	-887.89	59.00	-555.07	561.38
		493	5.20	-21.05	-76.58	-52.33	-45.30	-27.55	-66.11	-1312.66	-221.83	-1156.94	412.15
394	86	434	44.99	-60.61	-311.57	-283.26	-88.93	79.40	1.318e+04	6390.63	6411.43	1.316e+04	375.24
		430	32.25	-41.10	-335.45	-290.32	-86.23	106.05	9506.12	4089.77	5218.78	8377.12	2200.10
		431	42.75	-32.35	-322.26	-278.71	-75.91	103.59	1.137e+04	3403.49	5389.19	9382.72	-3445.72
		435	48.17	-66.71	-307.14	-264.99	-108.86	91.42	1.374e+04	6309.48	6605.55	1.344e+04	-1453.46
394	116	434	34.45	-48.76	-253.65	-217.59	-84.82	78.03	9987.59	4823.51	4842.65	9968.45	313.81
		430	24.48	-30.27	-270.66	-222.29	-78.64	96.37	7224.13	3029.12	3931.95	6321.30	1724.03
		431	33.18	-24.43	-268.65	-222.45	-70.63	95.64	8642.49	2582.20	4076.14	7148.54	-2611.87
		435	37.27	-51.36	-259.04	-210.99	-99.40	87.58	1.048e+04	4796.99	5009.83	1.027e+04	-1078.82
394	148	434	34.49	-49.70	-257.28	-217.49	-89.49	81.71	9969.31	4806.02	4826.05	9949.29	320.93
		430	24.45	-30.28	-274.26	-222.05	-82.49	100.06	7212.99	3007.65	3915.91	6304.73	1730.49
		431	33.27	-25.23	-273.73	-224.13	-74.83	99.33	8618.90	2572.60	4059.75	7131.75	-2603.87
		435	37.34	-52.48	-264.77	-212.81	-104.43	91.27	1.046e+04	4783.11	4992.91	1.025e+04	-1070.56
395	76	435	52.02	-115.33	-262.70	-240.35	-137.68	52.86	1.485e+04	5879.60	6396.67	1.433e+04	-2090.36
		431	51.11	3.74	-379.02	-268.29	-106.99	173.56	1.292e+04	2808.31	5169.16	1.056e+04	-4278.84
		432	49.01	-94.56	-166.00	-159.02	-101.55	21.22	-1383.98	-1.350e+04	-1912.71	-1.297e+04	-2474.97
		446	70.51	-117.40	-348.35	-271.31	-194.44	108.89	-3515.00	-1.965e+04	-3555.71	-1.961e+04	-809.40
395	118	435	39.49	-113.50	-203.17	-190.54	-126.13	31.19	1.117e+04	4412.37	4803.30	1.078e+04	-1577.41
		431	38.22	-29.95	-284.35	-212.65	-101.65	114.46	9695.75	2095.29	3862.09	7928.95	-3210.44
		432	38.01	-97.92	-149.75	-147.27	-100.41	11.07	-1088.09	-1.036e+04	-1469.13	-9982.89	-1841.00
		446	54.86	-134.16	-272.55	-233.17	-173.54	62.45	-2719.35	-1.516e+04	-2743.24	-1.514e+04	-544.61
395	150	435	39.38	-121.53	-202.86	-191.45	-132.94	28.25	1.110e+04	4384.72	4772.98	1.072e+04	-1567.90
		431	38.05	-37.38	-284.08	-213.46	-108.00	111.51	9641.23	2078.10	3835.12	7884.22	-3193.97
		432	38.27	-106.30	-154.34	-152.92	-107.72	8.13	-1106.71	-1.039e+04	-1477.03	-1.002e+04	-1817.17
		446	55.20	-144.02	-276.22	-238.92	-181.32	59.50	-2731.84	-1.522e+04	-2754.21	-1.519e+04	-527.97
396	87	442	54.93	-128.24	-343.27	-343.21	-128.30	-3.59	1.586e+04	3838.22	3844.44	1.585e+04	273.28
		456	55.50	-144.15	-356.18	-349.62	-150.71	36.72	1.608e+04	5536.01	5551.27	1.606e+04	400.81
		440	50.19	-141.36	-291.57	-286.70	-146.23	26.60	1.442e+04	4945.54	4964.27	1.441e+04	-420.93
		439	51.28	-152.95	-287.52	-286.89	-153.58	9.19	1.437e+04	2739.17	2782.15	1.433e+04	705.82
396	120	442	42.34	-113.20	-269.02	-267.58	-114.64	-14.91	1.211e+04	2930.10	2936.50	1.210e+04	242.21
		456	42.56	-127.80	-272.41	-271.42	-128.79	11.92	1.224e+04	4219.90	4234.25	1.222e+04	338.96
		440	38.73	-122.02	-227.83	-227.67	-122.19	4.20	1.109e+04	3793.05	3806.23	1.107e+04	-309.74
		439	39.82	-134.26	-232.51	-231.94	-134.84	-7.47	1.105e+04	2099.98	2134.82	1.102e+04	557.33
396	152	442	42.47	-116.54	-270.81	-268.40	-118.95	-19.13	1.212e+04	2928.52	2935.32	1.211e+04	249.83
		456	42.61	-131.03	-272.38	-271.96	-131.45	7.71	1.223e+04	4216.86	4231.85	1.222e+04	346.38
		440	38.78	-125.19	-229.76	-229.76	-125.19	-0.02	1.108e+04	3790.65	3803.38	1.107e+04	-304.43
		439	39.96	-138.07	-235.79	-234.37	-139.49	-11.68	1.106e+04	2097.56	2133.07	1.102e+04	562.96
397	23	459	3.64	6.66	-29.18	2.69	-25.21	-11.25	342.55	-106.59	-106.54	342.50	-4.74
		441	4.13	30.82	-44.97	-0.30	-13.86	-37.28	416.80	87.52	364.93	139.39	119.96
		308	2.41	14.37	-31.17	-5.96	-10.84	-22.64	199.14	-33.30	181.29	-15.45	-61.89
		445	2.11	43.40	-13.50	43.36	-13.46	-1.45	48.80	-18.84	48.56	-18.60	4.02
397	116	459	2.03	1.07	-29.79	-8.60	-20.12	-14.31	23.38	-229.88	-229.60	23.10	8.44
		441	3.61	21.38	-47.43	-11.92	-14.14	-34.39	182.37	-89.21	69.30	23.87	133.88
		308	1.84	8.24	-38.36	-18.05	-12.07	-23.11	30.08	-45.82	-5.01	-10.73	37.84
		445	1.25	21.18	-13.08	19.72	-11.62	-6.93	65.99	-28.15	25.62	12.22	46.59
397	148	459	2.06	0.63	-31.58	-10.65	-20.30	-15.37	17.71	-245.88	-245.61	17.43	8.55
		441	3.76	20.99	-49.90	-14.20	-14.71	-35.45	180.36	-105.61	56.29	18.45	141.73
		308	1.99	7.67	-41.34	-20.94	-12.73	-24.16	35.55	-53.82	-4.27	-14.01	44.42
		445	1.23	18.80	-13.95	16.72	-11.87	-7.99	64.27	-27.85	26.55	9.87	45.30
398	85	447	40.81	-52.64	-239.19	-210.76	-81.06	67.04	2307.22	-8879.88	-384.82	-6187.84	4782.15
		249	17.50	77.99	-342.74	6.58	-271.33	157.94	787.49	-3205.03	-2741.96	324.41	1278.43
		113	54.98	-151.78	-378.61	-343.99	-186.40	-81.58	-3149.36	-1.419e+04	-1.405e+04	-3292.75	1250.09
		430	42.19	-10.62	-310.85	-266.49	-54.98	106.53	1.226e+04	3819.47	7062.99	9014.79	4105.02
398	99	447	31.16	-28.79	-184.98	-164.40	-49.37	52.84	1602.61	-6922.14	-372.76	-4946.77	3596.87
		249	13.44	59.89	-265.17	1.66	-206.95	124.65	577.84	-2481.90	-2160.73	256.68	937.84
		113	42.54	-118.27	-295.15	-270.87	-142.55	-60.87	-2442.64	-1.095e+04	-1.084e+04	-2553.06	962.65
		430	32.50	4.74	-241.95	-208.84	-28.37	84.10	9335.06	2825.38	5338.42	6822.02	3169.18
398	131	447	31.18	-26.21	-185.65	-164.69	-47.17	53.87	1594.24	-6931.89	-382.95	-4954.70	3598.40
		249	13.50	60.08	-266.12	0.94	-206.98	125.68	575.78	-2489.57	-2169.63	255.84	937.22
		113	42.63	-119.21	-295.60	-272.19	-142.62	-59.84	-2444.45	-1.096e+04	-1.085e+04	-2555.16	964.54
		430	32.56	7.14	-243.14	-209.73	-26.28	85.13	9328.05	2809.22	5324.01	6813.26	3173.22
399	87	468	26.81	20.79	-487.04	-460.30	-5.95	-113.42	43.78	-6235.52	-981.58	-5210.17	-2321.03
		474	29.87	-119.66	-661.73	-633.00	-148.40	121.46	1226.78	-5985.08	324.42	-5082.72	2386.10

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		456	54.83	-143.52	-268.03	-267.40	-144.15	8.80	1.586e+04	5558.65	5603.26	1.582e+04	-676.52
		442	51.57	-116.90	-357.18	-349.85	-124.22	41.31	1.498e+04	3836.07	3979.41	1.483e+04	1255.48
399	116	468	21.51	7.53	-368.53	-343.81	-17.19	-93.20	3.33	-4997.77	-796.59	-4197.85	-1833.20
		474	23.70	-107.21	-508.01	-490.53	-124.69	81.87	858.98	-4869.88	184.43	-4195.33	1846.46
		456	42.09	-117.38	-208.17	-208.11	-117.44	-2.40	1.214e+04	4251.02	4285.59	1.211e+04	-521.24
		442	39.66	-107.55	-285.55	-280.98	-112.12	28.15	1.141e+04	2910.83	3029.61	1.129e+04	997.52
399	136	468	22.17	19.44	-382.00	-374.12	11.55	-55.72	21.70	-4989.65	-772.84	-4195.11	-1830.41
		474	23.99	-104.03	-562.33	-528.79	-137.56	119.35	876.12	-4845.08	201.71	-4170.67	1844.89
		456	42.14	-109.70	-225.44	-213.59	-121.54	35.08	1.208e+04	4249.21	4288.76	1.204e+04	-555.20
		442	39.46	-57.83	-299.25	-279.84	-77.23	65.63	1.140e+04	2924.66	3035.74	1.129e+04	963.87
400	2	478	6.47	107.26	-131.22	101.21	-125.17	37.51	606.53	277.05	316.88	566.71	-107.40
		481	13.58	38.18	-306.89	-142.01	-126.70	172.37	-761.56	-2688.56	-1186.92	-2263.20	-799.21
		464	13.50	32.94	-92.81	-71.98	12.11	-46.75	-1933.08	-3616.51	-2711.11	-2838.48	-839.30
		90	25.66	-85.54	-611.86	-455.81	-241.59	240.37	1289.62	-3602.29	1124.20	-3436.86	-884.25
400	120	478	5.18	66.30	-118.77	65.86	-118.34	8.94	748.14	-96.77	371.64	279.73	-419.95
		481	9.51	0.61	-200.59	-98.28	-101.70	100.59	-418.54	-2047.23	-810.05	-1655.72	-695.97
		464	10.67	22.45	-97.11	-63.73	-10.93	-53.64	-1106.82	-2633.27	-1676.31	-2063.78	-738.23
		90	20.45	-98.54	-435.05	-341.95	-191.64	150.54	1318.50	-2955.25	1110.79	-2747.54	-919.00
400	152	478	5.47	64.75	-126.14	64.64	-126.03	4.59	820.48	-166.62	394.69	259.16	-488.87
		481	9.42	-4.92	-197.49	-98.31	-104.10	96.24	-372.66	-2039.93	-779.11	-1633.48	-715.86
		464	10.75	23.64	-103.60	-66.16	-13.80	-57.99	-1030.91	-2594.92	-1594.81	-2031.02	-750.97
		90	20.76	-109.27	-435.94	-345.45	-199.76	146.19	1415.24	-2989.09	1185.10	-2758.94	-980.13
401	45	481	8.20	21.68	-109.71	-13.53	-74.50	58.19	-915.39	-2301.49	-1217.32	-1999.56	-572.14
		484	14.81	122.11	-33.60	-13.77	102.29	51.91	-5.34	-3047.72	-141.09	-2911.97	-628.15
		469	19.17	180.32	-6.77	-3.34	176.89	25.12	-589.79	-4161.51	-652.85	-4098.45	-470.38
		464	15.79	-42.77	-150.65	-78.10	-115.31	50.63	-414.45	-4151.17	-968.66	-3596.95	-1328.08
401	107	481	6.42	27.35	-87.42	-11.64	-48.42	54.36	-775.78	-1776.80	-947.89	-1604.69	-377.71
		484	12.30	135.60	-23.84	-3.51	115.28	53.18	-2.04	-2321.86	-100.20	-2223.70	-466.99
		469	15.52	173.98	-10.07	-3.84	167.74	33.30	-425.30	-3151.61	-465.93	-3110.98	-330.31
		464	11.78	-22.06	-121.45	-63.56	-79.96	49.01	-371.13	-3190.31	-741.67	-2819.77	-952.53
401	139	481	6.51	30.64	-89.11	-11.87	-46.60	57.30	-788.33	-1780.58	-949.53	-1619.38	-366.01
		484	12.53	145.10	-23.69	-2.33	123.74	56.12	-1.57	-2321.42	-98.51	-2224.48	-464.22
		469	15.75	183.00	-10.93	-3.90	175.97	36.24	-420.45	-3149.77	-459.74	-3110.48	-325.09
		464	11.72	-19.24	-124.01	-64.89	-78.35	51.95	-380.63	-3194.08	-740.96	-2833.74	-940.19
402	87	436	38.05	-26.96	-311.60	-264.27	-74.29	105.97	-957.17	-1.026e+04	-1230.95	-9983.19	1571.96
		447	38.16	-11.08	-285.71	-194.70	-102.09	129.28	800.18	-8544.15	-711.36	-7032.62	3440.86
		430	36.47	-59.46	-302.32	-282.04	-79.74	67.18	1.078e+04	3637.87	4973.07	9449.41	2785.59
		434	47.17	-30.76	-306.40	-272.66	-64.50	90.35	1.413e+04	6374.49	6470.68	1.403e+04	858.38
402	110	436	30.27	-26.52	-246.44	-197.08	-75.89	91.76	-800.09	-8007.90	-1019.66	-7788.33	1238.71
		447	30.18	-2.10	-230.74	-141.22	-91.63	111.60	529.32	-6670.04	-620.80	-5519.92	2637.69
		430	28.10	-51.11	-233.97	-211.22	-73.86	60.36	8301.80	2709.11	3741.86	7269.05	2170.09
		434	36.79	-29.44	-243.03	-205.34	-67.14	81.43	1.093e+04	4821.67	4899.65	1.085e+04	685.90
402	142	436	30.36	-27.43	-248.20	-195.40	-80.23	94.18	-797.06	-7986.33	-1022.99	-7760.40	1254.29
		447	30.35	-0.94	-233.27	-139.34	-94.88	114.02	533.83	-6674.30	-628.72	-5511.74	2651.10
		430	28.14	-52.33	-235.07	-210.09	-77.31	62.78	8308.91	2695.51	3728.24	7276.17	2175.00
		434	36.96	-31.10	-244.99	-204.42	-71.66	83.85	1.096e+04	4811.35	4890.48	1.088e+04	693.06
403	88	511	2.59	8.92	-64.05	8.91	-64.03	0.89	-45.98	-319.11	-110.87	-254.22	116.24
		512	3.73	10.39	-6.73	8.88	-5.22	4.85	944.93	85.15	885.50	144.58	218.09
		497	3.44	24.14	1.73	22.83	3.04	5.26	646.31	-209.79	509.15	-72.63	314.02
		496	6.59	-3.48	-122.26	-33.57	-92.17	-51.66	376.30	-1132.61	-2.02	-754.30	654.00
403	120	511	2.88	14.04	-48.54	12.08	-46.57	10.92	353.42	-142.39	273.54	-62.51	182.28
		512	3.57	18.61	-10.96	14.55	-6.91	10.17	804.85	29.02	707.55	126.32	256.95
		497	3.18	24.50	-1.42	20.53	2.54	9.33	567.11	-192.57	419.92	-45.37	300.26
		496	5.33	-5.82	-86.72	-23.21	-69.33	-33.23	504.79	-823.94	176.00	-495.15	573.39
403	156	511	3.26	17.25	-50.01	14.49	-47.26	13.33	434.09	-146.86	330.98	-43.75	221.97
		512	3.95	21.95	-13.64	16.74	-8.43	12.58	874.79	27.72	763.68	138.83	285.96
		497	3.49	26.69	-4.57	21.38	0.75	11.74	612.31	-204.63	446.53	-38.85	328.56
		496	5.48	-7.08	-85.32	-22.11	-70.30	-30.82	562.61	-841.20	203.86	-482.46	612.30
404	88	308	2.27	0.42	-67.13	-6.07	-60.65	-19.90	-16.33	-36.57	-32.90	-20.00	7.80
		144	2.03	32.01	16.39	17.58	30.81	4.16	-89.60	-228.24	-211.39	-106.44	-45.29
		139	5.79	1.81	-87.36	-45.44	-40.12	-44.50	326.91	-174.94	52.15	99.81	249.79
404	121	308	2.98	5.92	-34.16	5.45	-33.69	4.30	355.48	66.10	351.70	69.88	32.87
		144	2.26	40.99	2.74	25.01	18.71	18.86	238.81	23.57	235.61	26.78	-26.08
		139	1.90	-8.15	-22.77	-11.54	-19.39	-6.17	239.15	38.88	223.16	54.87	54.27
404	153	308	3.23	8.30	-34.40	7.32	-33.41	6.41	386.40	72.88	382.68	76.59	33.94
		144	2.54	44.27	1.59	26.87	18.99	20.97	269.24	30.84	266.59	33.50	-25.01
		139	1.95	-8.17	-20.61	-9.68	-19.11	-4.06	268.92	46.81	254.15	61.59	55.35
405	55	487	10.17	70.42	-5.59	7.09	57.73	-28.34	-476.88	-2490.42	-497.69	-2469.61	203.64
		490	10.52	-72.00	-135.18	-75.19	-132.00	13.83	-297.38	-2243.72	-302.81	-2238.28	-102.70
		462	13.40	-81.71	-163.85	-125.03	-120.53	41.01	-19.37	-3040.69	-31.07	-3028.98	187.65
		475	12.28	46.56	-19.14	-19.14	46.56	0.46	-1105.40	-3341.76	-1107.27	-3339.89	-64.62
405	119	487	8.68	77.45	2.47	4.18	75.73	-11.21	-298.38	-1944.26	-305.00	-1937.64	104.20
		490	8.32	-48.90	-100.46	-59.86	-89.50	21.09	-250.49	-1881.75	-257.90	-1874.34	-109.64

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		462	10.28	-48.20	-133.53	-99.65	-82.09	41.75	-0.42	-2392.18	-4.26	-2388.34	95.72
		475	10.08	69.42	-19.23	-18.21	68.40	9.45	-763.90	-2488.26	-767.66	-2484.50	-80.46
405	151	487	8.77	80.21	2.73	3.78	79.15	-8.99	-291.38	-1944.89	-296.67	-1939.60	93.40
		490	8.36	-47.87	-102.57	-60.92	-89.52	23.32	-243.22	-1896.06	-251.66	-1887.61	-117.84
		462	10.34	-46.56	-136.56	-101.10	-82.02	43.98	6.84	-2404.28	3.74	-2401.19	86.39
		475	10.21	73.22	-20.48	-19.00	71.74	11.68	-752.62	-2491.72	-757.54	-2486.80	-92.39
406	65	490	8.84	-47.72	-118.42	-92.65	-73.50	-34.03	-99.96	-2202.24	-153.75	-2148.45	331.96
		493	5.90	-57.26	-114.51	-107.16	-64.61	-19.15	-325.82	-1399.63	-349.11	-1376.34	156.42
		449	9.56	-29.26	-163.62	-140.01	-52.87	-51.14	-466.70	-2395.35	-629.06	-2232.99	535.51
		462	11.95	-55.32	-158.34	-158.33	-55.33	1.13	-119.92	-3002.88	-169.09	-2953.71	373.29
406	119	490	7.46	-38.36	-98.05	-81.08	-55.33	-26.93	-78.17	-1884.98	-100.87	-1862.28	201.24
		493	4.93	-38.85	-94.75	-90.97	-42.64	-14.04	-230.87	-1232.46	-233.53	-1229.79	51.61
		449	7.52	-19.89	-132.51	-118.08	-34.32	-37.64	-375.53	-1849.49	-456.19	-1768.83	335.23
		462	9.57	-42.51	-133.44	-133.43	-42.52	-0.94	-81.69	-2341.00	-107.98	-2314.71	242.30
406	151	490	7.50	-39.16	-100.07	-83.79	-55.44	-26.96	-59.51	-1891.00	-78.73	-1871.77	186.66
		493	4.95	-37.89	-96.96	-93.40	-41.45	-14.07	-210.52	-1238.63	-211.05	-1238.10	23.32
		449	7.55	-19.21	-134.71	-120.73	-33.19	-37.67	-376.91	-1846.65	-444.19	-1779.37	307.18
		462	9.67	-42.65	-136.38	-136.37	-42.66	-0.97	-73.35	-2349.57	-96.39	-2326.54	227.82
407	85	493	7.66	-18.22	-141.37	-90.48	-69.11	-60.64	-165.01	-1780.91	-349.55	-1596.37	513.94
		496	5.16	-33.02	-86.09	-43.58	-75.52	-21.19	285.23	-1036.55	86.87	-838.19	472.07
		448	9.59	-19.11	-154.63	-93.24	-80.51	-67.46	593.37	-1512.29	68.81	-987.73	910.71
		449	9.94	-29.94	-158.86	-131.09	-57.71	-53.00	-6.20	-2187.87	-232.82	-1961.25	665.62
407	121	493	5.67	-1.71	-128.31	-82.38	-47.64	-60.87	-113.64	-1248.84	-131.64	-1230.85	141.78
		496	3.51	-15.96	-80.43	-45.30	-51.09	-32.11	161.76	-653.03	149.20	-640.48	100.37
		448	6.84	2.50	-137.20	-80.95	-53.75	-68.52	303.61	-966.10	126.55	-789.04	439.85
		449	7.73	-8.08	-140.41	-110.92	-37.57	-55.07	-34.83	-1617.08	-79.78	-1572.14	262.85
407	153	493	5.69	0.56	-131.49	-84.18	-46.74	-63.31	-113.25	-1251.04	-123.60	-1240.69	108.03
		496	3.58	-14.20	-83.39	-47.14	-50.45	-34.55	164.32	-651.24	158.52	-645.44	68.55
		448	6.81	4.72	-140.22	-82.46	-53.04	-70.96	290.25	-947.94	136.00	-793.68	408.90
		449	7.76	-5.63	-143.37	-112.39	-36.61	-57.51	-37.57	-1615.93	-71.82	-1581.68	229.99
408	45	463	47.33	24.71	-336.72	-235.96	-76.06	-162.07	-3233.18	-1.354e+04	-3250.58	-1.353e+04	-423.18
		468	38.90	41.81	-398.01	-390.84	34.64	-55.69	-843.78	-9420.98	-1146.55	-9118.21	-1582.80
		442	55.88	-67.06	-385.88	-380.66	-72.28	40.46	1.601e+04	3935.14	3948.48	1.599e+04	400.91
		466	54.52	-93.03	-331.54	-319.60	-104.97	-52.00	1.433e+04	281.60	417.07	1.420e+04	1372.91
408	119	463	35.61	17.96	-218.57	-174.75	-25.87	-91.90	-2468.36	-1.024e+04	-2476.99	-1.024e+04	-258.89
		468	30.79	52.82	-294.95	-294.70	52.57	-9.32	-704.34	-7272.21	-917.61	-7058.94	-1164.14
		442	43.85	-11.96	-305.59	-292.66	-24.89	60.24	1.229e+04	2969.28	2975.89	1.228e+04	248.14
		466	43.47	-50.11	-248.92	-248.76	-50.27	-5.58	1.117e+04	234.78	328.79	1.108e+04	1009.75
408	151	463	35.63	19.21	-211.86	-174.06	-18.59	-85.47	-2463.99	-1.021e+04	-2472.11	-1.020e+04	-250.59
		468	31.01	60.24	-293.98	-293.96	60.21	-2.89	-709.54	-7271.51	-920.85	-7060.21	-1158.42
		442	44.08	-2.34	-308.94	-293.68	-17.59	66.67	1.229e+04	2960.71	2966.73	1.228e+04	236.78
		466	43.83	-43.32	-249.91	-249.91	-43.32	0.85	1.121e+04	236.63	328.68	1.112e+04	1000.81
409	86	466	56.58	-130.56	-320.68	-300.80	-150.45	-58.19	1.494e+04	131.71	194.66	1.488e+04	963.53
		442	52.90	-112.63	-353.06	-351.65	-114.04	18.35	1.539e+04	3846.46	3883.12	1.536e+04	649.53
		439	50.72	-146.76	-290.76	-288.89	-148.62	16.29	1.434e+04	3104.47	3119.73	1.432e+04	413.74
		467	55.34	-157.16	-269.99	-269.36	-157.79	8.42	1.489e+04	958.15	960.00	1.489e+04	160.73
409	118	466	44.12	-90.42	-265.85	-223.73	-132.54	-74.93	1.147e+04	141.64	203.00	1.141e+04	831.45
		442	41.03	-103.20	-263.00	-261.82	-104.38	-13.68	1.179e+04	2984.14	3021.14	1.175e+04	569.66
		439	39.42	-131.93	-232.17	-229.50	-134.61	-16.16	1.099e+04	2340.18	2355.61	1.097e+04	365.01
		467	42.94	-137.12	-225.06	-217.13	-145.05	-25.20	1.139e+04	695.92	700.12	1.139e+04	211.78
409	150	466	44.35	-88.05	-272.43	-222.33	-138.16	-82.02	1.147e+04	147.19	211.69	1.141e+04	852.23
		442	41.19	-106.57	-263.12	-260.31	-109.37	-20.77	1.180e+04	2989.54	3028.35	1.176e+04	583.24
		439	39.58	-134.61	-236.50	-230.89	-140.22	-23.24	1.099e+04	2329.22	2345.63	1.097e+04	376.60
		467	43.13	-138.32	-231.65	-218.68	-151.30	-32.29	1.139e+04	686.20	691.17	1.139e+04	230.51
410	76	467	52.93	-171.06	-279.60	-276.97	-173.69	-16.69	1.421e+04	1120.73	1128.89	1.420e+04	-326.70
		439	51.57	-154.47	-304.00	-289.31	-169.16	44.52	1.447e+04	3086.35	3148.96	1.441e+04	841.95
		454	76.93	-172.76	-266.54	-263.79	-175.51	-15.84	-4346.09	-2.171e+04	-4348.90	-2.170e+04	221.00
		460	74.16	-110.50	-283.71	-234.21	-160.00	78.25	-4308.70	-2.099e+04	-4316.13	-2.098e+04	-351.77
410	98	467	41.09	-110.34	-232.74	-216.97	-126.11	-41.00	1.110e+04	869.20	876.61	1.109e+04	-275.09
		439	39.79	-132.30	-226.57	-226.53	-132.34	1.86	1.112e+04	2352.03	2400.43	1.107e+04	649.50
		454	58.84	-123.88	-233.10	-218.31	-138.67	-37.37	-3321.82	-1.660e+04	-3322.60	-1.660e+04	101.42
		460	56.18	-116.73	-202.68	-196.86	-122.55	21.61	-3262.62	-1.592e+04	-3270.54	-1.592e+04	-316.63
410	130	467	41.20	-106.46	-237.65	-217.20	-126.91	-47.59	1.112e+04	867.45	875.02	1.112e+04	-278.55
		439	39.82	-134.73	-227.27	-227.03	-134.97	-4.72	1.110e+04	2342.84	2391.17	1.105e+04	648.64
		454	58.97	-122.31	-240.82	-221.30	-141.82	-43.95	-3325.63	-1.662e+04	-3326.17	-1.662e+04	85.20
		460	56.12	-121.15	-202.38	-199.50	-124.04	15.03	-3256.36	-1.590e+04	-3265.27	-1.589e+04	-335.60
411	67	475	11.43	161.90	42.96	127.32	77.54	-54.02	-764.45	-3118.31	-899.49	-2983.27	-547.38
		462	16.65	-81.97	-274.60	-191.39	-165.18	95.42	-83.14	-3523.17	-130.40	-3475.90	400.43
		461	30.92	63.66	-318.60	-318.30	63.35	-10.77	-751.26	-7051.33	-773.59	-7029.00	374.40
		474	40.84	34.52	-532.23	-347.09	-150.62	265.80	-1716.57	-1.059e+04	-1743.49	-1.056e+04	487.90
411	111	475	10.16	108.03	49.72	88.60	69.15	-27.49	-583.61	-2696.92	-659.17	-2621.36	-392.38
		462	13.16	-36.43	-212.72	-146.42	-102.72	85.40	-84.79	-2934.12	-111.01	-2907.90	272.06
		461	24.24	61.19	-263.00	-262.73	60.92	9.35	-525.48	-5372.09	-541.52	-5356.04	278.40

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		474	30.61	31.21	-424.74	-284.95	-108.59	210.23	-1303.51	-7934.43	-1325.12	-7912.82	377.89
411	143	475	10.42	104.17	52.24	87.01	69.40	-24.43	-583.41	-2763.64	-659.40	-2687.65	-399.87
		462	13.30	-31.71	-215.00	-147.30	-99.41	88.46	-83.99	-2988.53	-108.64	-2963.89	266.40
		461	24.57	64.01	-267.54	-267.08	63.54	12.41	-530.58	-5428.86	-545.90	-5413.54	273.51
		474	30.92	31.20	-431.65	-290.02	-110.43	213.29	-1309.38	-8002.79	-1331.54	-7980.62	384.56
412	87	474	34.87	-104.80	-476.64	-474.03	-107.40	31.01	-1347.35	-9107.72	-1510.99	-8944.08	1114.95
		461	37.06	64.59	-343.69	-281.18	2.09	147.01	-1310.98	-9465.70	-1312.88	-9463.80	124.53
		450	51.41	-41.67	-358.08	-340.09	-59.65	73.26	1.457e+04	3247.22	3251.41	1.456e+04	-217.83
		456	56.21	-122.14	-347.18	-345.73	-123.60	-18.02	1.606e+04	2910.00	2920.20	1.605e+04	366.09
412	118	474	27.54	-76.86	-346.69	-346.66	-76.89	2.83	-1077.73	-7222.67	-1219.58	-7080.82	922.79
		461	28.13	30.94	-239.66	-197.60	-11.12	98.04	-1082.71	-7398.91	-1084.55	-7397.08	107.66
		450	39.42	-57.64	-271.54	-265.14	-64.04	36.45	1.129e+04	2500.71	2501.99	1.128e+04	-106.04
		456	43.34	-88.61	-266.40	-260.84	-94.17	-30.95	1.237e+04	2221.89	2231.91	1.236e+04	318.56
412	150	474	27.49	-75.65	-341.27	-341.27	-75.65	-1.21	-1076.78	-7210.93	-1220.56	-7067.15	928.08
		461	27.82	25.47	-233.63	-193.22	-14.94	94.01	-1082.20	-7363.88	-1084.33	-7361.75	115.52
		450	39.43	-63.59	-270.58	-265.37	-68.80	32.41	1.132e+04	2507.13	2508.12	1.132e+04	-93.22
		456	43.41	-86.89	-267.14	-260.07	-93.96	-34.99	1.238e+04	2223.32	2233.95	1.237e+04	328.44
413	85	456	54.86	-134.54	-346.50	-346.42	-134.62	-3.97	1.561e+04	2853.52	2854.04	1.561e+04	-81.41
		450	51.66	-54.44	-343.27	-323.44	-74.27	73.04	1.481e+04	3371.39	3371.81	1.481e+04	69.46
		433	48.02	-102.64	-302.29	-290.97	-113.97	46.18	1.369e+04	3002.05	3074.50	1.362e+04	-877.06
		440	49.08	-137.28	-294.01	-293.72	-137.57	6.74	1.369e+04	1989.29	1993.37	1.369e+04	218.53
413	111	456	41.84	-88.10	-265.55	-263.24	-90.41	20.13	1.197e+04	2183.15	2184.30	1.197e+04	-106.37
		450	40.43	-7.84	-269.05	-245.32	-31.57	75.07	1.140e+04	2588.24	2588.25	1.140e+04	-7.58
		433	36.98	-37.92	-217.07	-198.01	-56.99	55.25	1.066e+04	2307.67	2368.78	1.060e+04	-712.02
		440	37.61	-78.77	-208.63	-202.13	-85.28	28.32	1.058e+04	1506.05	1508.12	1.058e+04	137.17
413	143	456	41.95	-84.35	-265.87	-262.70	-87.52	23.78	1.198e+04	2185.94	2187.25	1.198e+04	-113.29
		450	40.65	-1.24	-269.92	-244.44	-26.72	78.71	1.143e+04	2594.29	2594.32	1.143e+04	-17.79
		433	37.00	-30.15	-214.74	-193.51	-51.39	58.89	1.069e+04	2309.12	2371.10	1.063e+04	-718.18
		440	37.59	-73.42	-206.22	-198.02	-81.62	31.97	1.059e+04	1503.65	1505.62	1.059e+04	133.68
414	76	440	48.82	-163.10	-303.28	-303.28	-163.10	0.56	1.340e+04	1778.26	1819.73	1.336e+04	-693.03
		433	47.80	-122.66	-310.34	-289.72	-143.28	58.70	1.351e+04	3044.39	3044.42	1.351e+04	-16.25
		429	73.80	-161.60	-262.51	-262.25	-161.87	-5.12	-4116.34	-2.087e+04	-4116.37	-2.087e+04	21.15
		457	75.79	-131.27	-280.93	-250.80	-161.40	60.01	-4501.72	-2.151e+04	-4510.37	-2.150e+04	-383.36
414	98	440	37.29	-122.27	-245.33	-239.61	-127.99	-25.91	1.026e+04	1359.18	1393.66	1.022e+04	-552.74
		433	36.66	-114.43	-232.96	-230.83	-116.55	15.73	1.034e+04	2326.67	2326.72	1.034e+04	-20.21
		429	56.66	-127.37	-226.40	-220.62	-133.14	-23.21	-3158.16	-1.599e+04	-3158.18	-1.599e+04	-15.72
		457	58.17	-128.44	-212.23	-211.04	-129.64	9.94	-3448.69	-1.650e+04	-3455.45	-1.649e+04	-296.91
414	130	440	37.21	-122.07	-249.63	-241.17	-130.53	-31.74	1.022e+04	1352.56	1387.35	1.019e+04	-554.38
		433	36.61	-119.30	-233.46	-232.60	-120.16	9.90	1.030e+04	2318.31	2318.37	1.030e+04	-21.85
		429	56.86	-128.52	-233.64	-224.90	-137.27	-29.04	-3166.08	-1.603e+04	-3166.11	-1.603e+04	-19.84
		457	58.34	-132.49	-215.30	-215.10	-132.70	4.11	-3454.61	-1.653e+04	-3461.52	-1.652e+04	-300.57
415	67	441	2.81	41.05	-15.21	35.14	-9.30	-17.25	185.03	-24.40	15.76	144.87	82.44
		150	5.74	24.21	-1.71	15.93	6.56	12.08	779.01	58.87	721.70	116.18	194.90
		144	3.19	1.30	-26.65	-3.93	-21.42	10.90	454.09	88.45	431.06	111.48	88.84
		308	2.54	10.38	-22.04	6.59	-18.24	10.42	330.18	61.27	328.72	62.72	-19.72
415	121	441	1.35	22.11	-1.23	20.15	0.73	-6.48	141.37	15.59	54.87	102.09	58.29
		150	3.66	24.23	-0.62	11.62	11.98	12.42	483.37	70.00	434.11	119.26	133.93
		144	2.71	2.20	-22.02	-2.85	-16.96	9.84	368.59	57.43	333.01	93.01	99.03
		308	2.18	9.43	-17.02	7.41	-15.00	7.02	267.50	60.69	255.70	72.49	47.98
415	153	441	1.20	21.98	1.93	20.59	3.31	-5.08	143.50	25.27	64.45	104.32	55.65
		150	3.78	25.60	-2.04	11.51	12.05	13.82	493.67	73.24	440.74	126.17	139.47
		144	2.99	3.16	-23.86	-2.86	-17.84	11.24	407.05	66.46	366.17	107.35	110.69
		308	2.36	10.84	-16.03	7.88	-13.06	8.41	294.71	68.34	283.27	79.79	49.60
416	87	496	8.16	-5.45	-154.17	-51.54	-108.08	-68.78	433.98	-1327.09	-28.54	-864.58	774.99
		497	3.68	35.45	-19.25	32.26	-16.06	12.82	597.61	-131.42	496.53	-30.34	251.94
		238	3.25	-22.84	-67.47	-28.14	-62.17	-14.45	302.04	-475.21	-31.27	-141.89	384.67
		448	10.55	9.07	-167.36	-59.76	-98.53	-86.06	823.32	-1381.99	147.35	-706.02	1016.75
416	124	496	6.14	-13.24	-106.16	-37.57	-81.84	-40.85	549.71	-920.82	175.20	-546.31	640.68
		497	3.46	35.68	-23.63	27.19	-15.14	20.77	500.98	-143.19	360.18	-2.39	266.22
		238	2.73	-18.95	-50.56	-18.95	-50.56	-0.13	314.80	-414.44	-17.73	-81.91	363.21
		448	7.96	-1.27	-115.50	-42.86	-73.92	-54.97	792.62	-1001.83	263.75	-472.96	818.13
416	150	496	6.23	-11.14	-107.87	-34.40	-84.61	-41.34	618.20	-882.50	246.09	-510.40	648.04
		497	3.63	38.19	-22.90	30.48	-15.19	20.28	558.08	-109.19	428.45	20.45	264.00
		238	2.69	-15.99	-50.63	-16.00	-50.62	-0.63	349.87	-376.27	35.60	-61.99	359.78
		448	8.03	0.05	-116.80	-40.01	-76.74	-55.46	848.07	-968.33	319.72	-439.98	824.95
417	85	238	1.92	-19.76	-79.25	-35.92	-63.09	-26.46	139.41	-27.88	8.35	103.18	-68.91
		248	7.22	21.36	-190.54	-97.46	-71.72	-105.16	1224.89	178.11	253.90	1149.11	-271.26
		498	5.69	-18.76	-162.70	-95.59	-85.87	-71.80	923.30	558.67	584.75	897.22	-93.97
		497	3.35	36.32	-13.92	34.02	-11.62	10.50	118.42	-615.27	-561.00	64.14	192.03
417	112	238	1.90	-1.15	-74.95	-22.54	-53.56	-33.48	46.80	-44.75	-41.55	43.60	-16.80
		248	6.37	26.80	-160.26	-73.69	-59.76	-93.27	965.48	-7.46	54.48	903.54	-237.55
		498	4.41	-4.41	-139.07	-72.16	-71.32	-67.33	694.18	206.88	226.97	674.09	-96.88
		497	3.24	28.88	-14.18	28.59	-13.89	-3.56	71.84	-594.53	-531.79	9.11	194.60

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
417	144	238	2.11	2.45	-79.12	-21.30	-55.37	-37.06	30.98	-74.66	-74.59	30.91	-2.64
		248	6.58	29.82	-164.16	-72.50	-61.84	-96.85	971.03	-41.09	23.89	906.05	-248.08
		498	4.46	-1.35	-143.18	-71.10	-73.43	-70.91	690.09	155.04	176.82	668.32	-105.72
		497	3.55	30.78	-16.83	29.69	-15.73	-7.13	60.98	-652.84	-584.37	-7.49	210.21
418	2	248	9.16	-3.76	-208.84	-168.13	-44.47	-81.81	1468.51	980.90	1173.85	1275.56	238.44
		319	13.32	-31.10	-252.26	-239.42	-43.93	-51.71	3181.95	1514.07	2294.00	2402.02	-832.19
		499	9.02	-45.56	-224.61	-207.69	-62.49	-52.39	1876.58	445.40	1298.24	1023.75	-702.31
		498	6.06	-38.21	-94.66	-91.90	-40.97	-12.17	1282.97	670.52	1040.16	913.33	299.59
418	122	248	6.49	-2.58	-150.28	-104.87	-47.99	-68.16	1035.65	938.56	945.24	1028.97	24.57
		319	10.21	-30.29	-173.12	-156.74	-46.67	-45.51	2647.06	1181.18	1788.38	2039.86	-722.07
		499	6.82	-39.15	-155.87	-133.02	-62.00	-46.31	1621.97	429.56	1083.53	968.00	-593.40
		498	4.65	-30.45	-66.81	-51.38	-45.89	-17.97	966.96	730.03	924.68	772.30	90.71
418	154	248	6.44	-1.24	-150.23	-101.46	-50.01	-69.91	1042.20	955.60	955.72	1042.08	-3.22
		319	10.27	-30.93	-171.66	-153.42	-49.17	-47.27	2687.55	1197.02	1804.36	2080.21	-732.39
		499	6.90	-39.26	-155.70	-130.33	-64.62	-48.07	1665.12	461.58	1115.27	1011.43	-599.52
		498	4.68	-28.58	-68.04	-48.59	-48.04	-19.73	974.98	764.17	950.81	788.34	67.16
419	65	319	17.27	-24.55	-265.98	-262.01	-28.51	-30.69	4206.21	-94.73	1814.53	2296.95	-2136.90
		202	27.97	-80.79	-358.56	-337.14	-102.21	74.10	4849.46	-2214.99	-2201.21	4835.68	-311.71
		500	14.74	-75.50	-188.03	-172.25	-91.27	39.06	3802.40	86.43	96.99	3791.84	197.85
		499	11.02	-74.44	-182.23	-179.17	-77.49	17.89	2213.17	-500.48	320.18	1392.51	-1246.40
419	115	319	14.29	-17.05	-220.21	-220.18	-17.07	2.24	3135.04	-275.83	1265.38	1593.84	-1697.51
		202	22.36	-39.81	-296.95	-270.82	-65.94	77.69	3710.31	-1815.84	-1802.08	3696.55	-275.42
		500	12.09	-33.53	-164.41	-140.81	-57.12	50.31	2897.75	-59.08	-55.24	2893.92	106.39
		499	9.36	-37.33	-160.59	-147.34	-50.58	38.17	1667.46	-485.11	162.99	1019.35	-987.45
419	147	319	14.54	-14.62	-225.58	-225.25	-14.95	8.30	3113.40	-318.14	1234.58	1560.68	-1708.00
		202	22.60	-34.10	-304.78	-275.75	-63.12	83.75	3704.81	-1842.81	-1827.96	3689.96	-286.68
		500	12.31	-26.76	-170.93	-143.77	-53.92	56.37	2890.46	-85.11	-81.86	2887.21	98.32
		499	9.56	-31.60	-166.90	-150.45	-48.06	44.23	1641.35	-523.79	131.47	986.10	-994.67
420	68	202	25.56	52.41	-295.72	-291.19	47.88	-39.46	4175.30	-2551.05	-1085.50	2709.74	2776.69
		257	38.85	-122.12	-972.98	-733.74	-361.36	382.52	6597.62	4148.80	4212.14	6534.28	-388.73
		528	7.97	186.61	-71.79	186.27	-71.46	9.29	716.76	-682.49	-165.04	199.31	675.50
		500	18.21	-51.82	-493.95	-314.45	-231.32	217.12	4066.70	896.10	1094.61	3868.18	768.11
420	123	202	20.62	36.03	-274.17	-273.86	35.72	9.82	3255.63	-1663.74	-506.62	2098.51	2086.47
		257	32.05	-90.67	-787.39	-598.91	-279.14	309.50	5230.01	3430.55	3598.17	5062.39	-522.99
		528	5.12	120.86	-74.06	110.60	-63.80	43.52	422.71	-212.72	17.74	192.25	305.50
		500	14.59	0.68	-393.58	-238.95	-153.96	192.49	3097.39	873.12	1012.01	2958.49	538.18
420	155	202	20.87	37.78	-287.21	-286.19	36.76	18.23	3263.26	-1598.32	-439.29	2104.23	2071.56
		257	32.77	-91.19	-806.53	-612.75	-284.98	317.91	5271.24	3462.59	3666.09	5067.73	-571.54
		528	5.20	120.54	-82.08	106.22	-67.76	51.93	390.51	-144.80	48.63	197.08	257.16
		500	14.83	9.57	-402.36	-241.79	-151.00	200.90	3090.36	908.90	1042.55	2956.70	523.17
421	66	413	7.86	-18.49	-118.97	-18.63	-118.83	3.74	-28.91	-279.95	-149.26	-159.60	-125.41
		501	8.34	-4.80	-75.87	-11.54	-69.14	-20.81	-31.69	-347.02	-146.22	-232.49	-151.65
		370	25.45	-60.17	-131.48	-60.26	-131.39	-2.53	1421.12	165.67	229.73	1357.05	276.27
		61	10.38	92.18	-19.53	14.81	57.85	51.54	459.93	161.92	175.21	446.64	61.53
421	110	413	6.83	0.47	-111.47	-5.25	-105.75	-24.65	-75.38	-209.16	-184.84	-99.70	-51.59
		501	6.81	21.26	-79.47	2.02	-60.23	-39.60	-73.40	-204.08	-136.22	-141.26	-65.29
		370	20.09	-29.37	-116.72	-39.10	-107.00	-27.47	1021.20	51.69	114.83	958.06	239.22
		61	6.29	34.23	5.91	16.30	23.84	13.65	355.50	65.06	84.20	336.36	72.07
421	142	413	7.04	3.58	-116.75	-3.98	-109.19	-29.20	-79.36	-212.03	-194.46	-96.92	-44.96
		501	7.00	25.96	-83.49	3.57	-61.10	-44.15	-86.53	-202.75	-146.51	-142.77	-58.08
		370	20.42	-25.23	-120.25	-37.64	-107.84	-32.02	1022.59	40.67	106.13	957.14	244.93
		61	6.09	28.13	9.63	17.23	20.53	9.10	360.89	55.24	76.16	339.98	77.17
422	66	501	5.91	-19.77	-60.96	-25.20	-55.53	-13.93	-206.23	-249.08	-208.26	-247.06	-9.09
		240	14.91	7.54	-245.13	3.70	-241.29	30.91	517.68	183.08	458.00	242.77	-128.09
		374	31.57	-66.01	-141.33	-70.79	-136.55	-18.37	1855.73	310.35	322.11	1843.97	134.30
		370	24.80	-52.55	-132.41	-61.43	-123.53	25.11	1479.28	309.64	362.20	1426.72	242.31
422	116	501	5.05	15.10	-67.93	-4.99	-47.84	-35.57	-144.44	-156.51	-146.13	-154.82	4.18
		240	14.41	14.34	-214.78	14.34	-214.78	0.50	468.73	284.26	396.61	356.38	-90.02
		374	25.38	-37.34	-149.77	-52.62	-134.49	-38.53	1367.01	233.87	251.64	1349.24	140.79
		370	19.21	-40.22	-103.76	-40.54	-103.43	-4.56	1082.41	222.39	278.27	1026.52	211.98
422	142	501	5.05	20.48	-72.02	-3.92	-47.62	-40.77	-106.06	-162.49	-115.41	-153.14	20.99
		240	14.86	14.40	-221.64	14.30	-221.55	-4.70	492.83	317.05	430.82	379.06	-84.00
		374	26.01	-32.33	-157.70	-50.11	-139.93	-43.73	1381.80	241.94	262.94	1360.79	153.29
		370	19.49	-35.36	-104.14	-36.78	-102.73	-9.76	1091.56	217.24	285.78	1023.02	235.00
423	2	414	20.13	29.21	-265.33	-138.60	-97.52	-145.83	901.13	226.78	883.78	244.13	-106.76
		502	15.61	47.44	26.34	41.42	32.36	9.53	257.62	-793.56	-689.04	153.10	-314.56
		501	7.54	-26.59	-137.93	-66.39	-98.14	-53.36	9.75	-79.89	-35.09	-35.06	-44.82
		413	10.21	88.62	-122.87	87.15	-121.39	-17.59	-98.77	-249.15	-213.33	-134.59	-64.06
423	106	414	11.23	20.16	-156.83	-65.53	-71.15	-88.45	481.92	97.96	454.10	125.79	-99.54
		502	13.44	57.48	15.59	44.97	28.10	19.17	171.33	-654.58	-589.54	106.30	-222.44
		501	4.23	-51.44	-85.78	-65.80	-71.42	-16.94	16.99	-45.08	-31.27	3.19	-25.81
		413	7.83	37.43	-93.02	37.11	-92.69	6.53	-120.72	-289.62	-274.68	-135.66	-47.96
423	138	414	11.15	19.77	-153.47	-62.28	-71.42	-86.50	460.30	85.84	428.72	117.42	-104.06

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		502	14.00	61.90	15.37	48.38	28.89	21.12	173.94	-676.89	-612.92	109.97	-224.36
		501	4.21	-55.22	-85.38	-68.68	-71.92	-14.99	15.46	-48.22	-40.82	8.06	-20.41
		413	7.86	34.60	-94.49	34.04	-93.93	8.48	-127.81	-299.72	-286.29	-141.25	-46.15
424	88	502	10.76	48.97	-15.72	47.63	-14.38	-9.24	64.48	-498.51	-496.99	62.96	-29.22
		406	11.37	69.03	-127.12	-85.50	27.41	80.19	374.68	67.20	276.10	165.79	143.51
		240	17.57	91.41	-211.40	62.44	-182.42	89.07	443.96	44.60	443.96	44.60	-1.19
		501	8.07	-38.16	-109.90	-60.12	-87.94	-33.07	157.16	-233.21	-177.87	101.82	-136.17
424	122	502	7.32	39.25	-16.32	38.66	-15.74	5.66	84.03	-273.31	-271.21	81.93	-27.31
		406	9.66	57.09	-112.45	-68.57	13.22	74.25	326.43	133.69	245.89	214.23	95.06
		240	14.03	82.36	-168.87	53.49	-140.00	80.13	308.38	29.78	307.68	30.49	13.98
		501	5.33	-38.47	-67.89	-40.07	-66.29	-6.67	196.88	-67.51	-19.01	148.39	-102.32
424	154	502	7.35	40.19	-17.74	39.18	-16.72	7.59	97.82	-259.31	-257.17	95.68	-27.58
		406	9.82	58.14	-114.05	-68.06	12.15	76.18	339.55	147.66	259.80	227.40	94.57
		240	14.17	85.14	-170.44	55.31	-140.62	82.06	316.82	42.03	316.18	42.67	13.24
		501	5.58	-37.47	-67.63	-38.23	-66.86	-4.74	208.67	-57.95	-10.40	161.12	-102.07
425	66	240	16.82	25.29	-287.95	-10.70	-251.96	-99.89	382.60	34.33	187.82	229.12	-172.91
		402	7.11	-18.78	-109.23	-87.44	-40.56	-38.68	-49.92	-183.61	-183.49	-50.05	-4.07
		375	38.98	-81.64	-168.00	-98.70	-150.95	-34.38	2386.42	422.99	423.77	2385.65	-38.90
		374	31.65	-61.73	-136.40	-62.35	-135.78	-6.75	1914.70	483.86	485.11	1913.45	42.36
425	110	240	16.23	34.09	-260.09	-0.78	-225.22	-95.09	426.93	166.27	227.45	365.75	-110.47
		402	5.61	-4.13	-97.14	-58.05	-43.22	-45.91	112.59	-80.52	-80.49	112.55	-2.52
		375	29.01	-54.08	-155.79	-77.53	-132.33	-42.85	1703.28	290.99	292.75	1701.52	-49.82
		374	24.72	-46.22	-140.44	-51.10	-135.55	-20.89	1382.60	344.61	346.12	1381.09	39.64
425	142	240	16.81	36.42	-266.60	0.34	-230.52	-98.14	439.90	181.43	237.85	383.47	-106.77
		402	5.69	-1.51	-100.05	-56.31	-45.25	-48.96	123.96	-71.30	-71.24	123.90	-3.34
		375	29.27	-51.98	-160.18	-77.45	-134.72	-45.90	1712.80	290.91	292.86	1710.84	-52.68
		374	25.23	-45.69	-147.03	-51.70	-141.02	-23.95	1398.51	344.74	346.36	1396.89	41.32
426	66	402	5.21	-43.48	-92.86	-61.46	-74.89	-23.76	103.98	-3.71	-1.07	101.35	16.63
		403	6.58	-67.89	-87.90	-76.83	-78.96	-9.94	232.80	63.09	63.12	232.77	-2.31
		368	30.31	-73.72	-148.88	-143.16	-79.45	19.94	2041.06	369.20	369.69	2040.58	28.34
		375	33.93	-86.97	-116.89	-97.39	-106.47	-14.26	2199.33	480.86	481.22	2198.98	-24.63
426	110	402	6.12	-38.60	-77.16	-44.48	-71.28	-13.86	213.08	-0.55	-0.39	212.92	5.82
		403	7.47	-58.32	-82.14	-58.32	-82.14	0.14	299.07	46.57	47.02	298.63	10.62
		368	22.35	-74.81	-129.37	-118.19	-86.00	22.02	1417.88	260.82	261.65	1417.04	31.07
		375	25.07	-79.31	-99.76	-80.58	-98.48	-4.95	1564.64	348.83	349.87	1563.60	-35.50
426	142	402	6.34	-39.07	-78.43	-43.94	-73.56	-12.96	221.86	-3.38	-3.31	221.79	3.94
		403	7.73	-58.17	-86.13	-58.21	-86.09	1.05	304.71	42.77	43.42	304.06	13.04
		368	22.63	-77.72	-132.10	-119.53	-90.29	22.93	1424.64	263.64	264.56	1423.72	32.67
		375	25.32	-80.75	-101.86	-81.56	-101.06	-4.05	1575.01	352.28	353.47	1573.81	-38.22
427	2	403	10.33	-48.21	-111.12	-109.04	-50.30	-11.26	-224.26	-479.81	-322.80	-381.27	-124.39
		405	18.96	27.68	-319.94	-3.79	-288.46	99.75	297.06	264.03	271.11	289.98	13.55
		527	40.85	-198.26	-272.60	-243.48	-227.37	36.29	2389.13	520.10	533.62	2375.62	158.35
		368	34.14	-128.12	-167.49	-148.88	-146.72	19.66	2103.00	359.98	375.56	2087.43	164.02
427	110	403	5.93	-51.09	-93.46	-80.50	-64.05	19.53	212.13	-105.58	-105.03	211.59	-13.14
		405	14.44	33.69	-241.65	-0.59	-207.37	90.90	287.84	189.59	223.99	253.44	46.87
		527	30.02	-125.05	-221.66	-181.35	-165.37	47.64	1744.01	362.58	364.91	1741.69	56.61
		368	25.37	-75.44	-161.94	-112.34	-125.03	42.78	1502.29	275.63	279.29	1498.63	66.83
427	142	403	6.34	-48.51	-99.43	-79.95	-67.99	24.75	219.58	-98.00	-97.58	219.16	-11.63
		405	14.86	37.95	-246.39	0.53	-208.97	96.13	295.23	200.22	231.87	263.59	44.78
		527	30.27	-121.23	-228.02	-182.15	-167.10	52.86	1753.11	363.95	366.08	1750.98	54.40
		368	25.68	-72.93	-170.18	-113.79	-129.32	48.00	1508.65	275.59	279.45	1504.79	68.84
428	2	405	24.01	56.87	-319.63	56.02	-318.77	-17.95	762.36	75.10	709.77	127.68	182.69
		503	11.49	-0.78	-108.07	-107.00	-1.85	10.65	-60.87	-459.03	-399.95	-119.94	141.53
		526	23.41	71.36	-123.28	-21.04	-30.88	-97.19	1214.13	114.20	374.20	954.13	-467.31
		527	41.97	-172.87	-311.42	-299.37	-184.92	39.04	2548.31	391.21	420.58	2518.94	-249.99
428	110	405	16.88	34.09	-227.95	33.50	-227.35	12.45	594.06	86.34	514.74	165.67	184.34
		503	9.25	33.83	-83.22	-75.01	25.62	29.89	-173.36	-406.58	-307.58	-272.37	115.27
		526	15.14	42.23	-54.92	-19.27	6.57	-46.82	706.08	-86.97	218.28	400.84	-385.87
		527	30.94	-105.95	-246.92	-228.09	-124.78	47.97	1847.16	230.30	279.68	1797.78	-278.22
428	142	405	17.05	34.61	-229.95	33.43	-228.77	17.60	604.09	94.31	519.50	178.90	189.65
		503	9.56	41.05	-84.60	-73.92	30.37	35.04	-194.84	-432.75	-313.62	-313.97	118.96
		526	14.95	39.48	-49.58	-20.73	10.62	-41.68	692.77	-122.17	209.27	361.33	-400.31
		527	31.25	-101.97	-252.39	-230.43	-123.93	53.11	1855.43	225.01	278.87	1801.57	-291.39
429	66	503	8.81	-18.36	-82.40	-80.13	-20.63	-11.83	167.39	-357.10	-241.37	51.66	217.50
		500	6.76	-24.92	-56.94	-33.67	-48.19	-14.27	407.20	63.47	405.12	65.55	-26.66
		528	6.32	75.04	-50.36	53.45	-28.76	-47.35	124.31	79.70	106.63	97.38	-21.82
		526	13.98	53.19	-106.58	-20.72	-32.66	-79.66	712.21	62.68	115.64	659.25	-177.74
429	117	503	8.97	-32.40	-76.03	-65.18	-43.25	-18.86	377.03	-191.28	-119.02	304.76	189.33
		500	5.75	-8.36	-56.51	-24.12	-40.74	-22.59	333.91	77.58	333.88	77.61	2.66
		528	6.31	68.93	-53.67	44.09	-28.82	-49.28	132.63	77.95	115.39	95.18	-25.41
		526	11.57	39.27	-107.96	-18.65	-50.05	-71.92	609.71	55.84	97.44	568.11	-145.99
429	149	503	9.87	-34.81	-80.25	-65.84	-49.22	-21.14	421.92	-181.16	-107.11	347.87	197.93
		500	5.95	-6.57	-59.60	-23.92	-42.25	-24.88	338.51	82.55	338.05	83.01	10.85

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		528	6.58	70.86	-56.58	44.56	-30.29	-51.57	139.76	79.41	118.74	100.43	-28.76
		526	11.95	38.72	-114.32	-19.15	-56.45	-74.21	653.49	68.05	108.78	612.76	-148.95
430	2	412	13.71	70.72	-151.33	-101.15	20.54	-92.87	542.82	99.22	423.05	218.99	-196.94
		504	13.27	74.43	-16.06	72.47	-14.10	-13.18	95.78	-572.51	-566.25	89.52	-64.38
		503	6.36	-48.47	-90.12	-82.73	-55.86	-15.91	199.78	-146.75	-91.33	144.37	127.01
		405	18.15	89.07	-234.79	54.44	-200.16	-100.08	400.70	-9.28	398.86	-7.44	27.40
430	123	412	10.98	54.63	-153.46	-100.70	1.87	-90.53	298.57	24.95	241.63	81.88	-111.07
		504	7.35	39.73	-38.36	23.85	-22.49	-31.43	-125.31	-410.77	-409.82	-126.26	-16.45
		503	4.82	-12.35	-90.11	-60.19	-42.26	-37.83	-29.44	-136.21	-96.72	-68.93	51.54
		405	15.21	73.12	-185.71	36.27	-148.86	-90.44	256.74	-95.39	255.13	-93.79	-23.69
430	155	412	11.23	55.68	-161.25	-105.16	-0.41	-94.98	289.99	17.00	239.37	67.62	-106.10
		504	7.26	39.41	-44.89	19.38	-24.86	-35.88	-161.45	-416.89	-416.36	-161.98	-11.65
		503	4.93	-8.67	-94.78	-59.83	-43.63	-42.29	-61.76	-147.48	-104.44	-104.79	42.86
		405	15.75	76.40	-189.89	36.65	-150.15	-94.89	254.42	-111.07	251.56	-108.21	-32.22
431	22	504	13.66	70.61	7.68	59.60	18.68	-23.91	242.05	-564.12	-535.79	213.72	148.45
		499	18.17	99.48	-32.42	98.66	-31.61	10.35	850.92	31.04	805.04	76.92	188.44
		500	10.42	-55.29	-85.97	-79.98	-61.28	-12.16	526.95	237.38	526.22	238.12	14.59
		503	7.09	0.08	-80.89	-72.15	-8.65	-25.12	7.15	-259.31	-246.32	-5.83	57.38
431	105	504	9.37	62.86	2.76	51.78	13.84	-23.31	131.18	-358.98	-340.16	112.37	94.17
		499	13.12	79.77	-25.15	79.48	-24.86	5.47	587.71	21.13	555.18	53.67	131.82
		500	7.69	-36.24	-68.59	-57.11	-47.72	-15.48	384.65	170.23	383.41	171.47	16.25
		503	4.71	0.99	-62.72	-53.40	-8.32	-22.51	2.16	-172.39	-153.84	-16.39	53.79
431	153	504	9.29	76.86	-6.05	61.36	9.45	-32.32	-46.11	-392.94	-383.15	-55.89	57.42
		499	13.27	88.34	-33.41	88.23	-33.31	-3.55	559.64	21.58	539.97	41.26	101.00
		500	8.51	-35.28	-84.32	-60.89	-58.70	-24.50	401.55	150.62	389.43	162.74	53.79
		503	5.33	1.72	-73.31	-56.13	-15.46	-31.53	-94.53	-264.18	-177.54	-181.17	84.81
432	86	406	9.59	88.35	-78.61	-15.15	24.89	-81.04	384.86	-54.65	-46.78	376.99	58.26
		407	28.09	164.65	-51.64	162.79	-49.78	-19.96	1707.27	531.98	535.95	1703.30	-68.22
		402	20.12	-49.46	-122.85	-108.18	-64.13	-29.35	-384.85	-1354.76	-407.65	-1331.96	146.92
		240	15.61	77.77	-223.00	25.33	-170.56	-114.11	43.29	-400.71	-9.34	-348.08	143.52
432	116	406	8.82	85.23	-58.12	12.69	14.42	-71.67	341.59	-32.17	-27.31	336.73	42.34
		407	23.10	148.63	-45.98	145.06	-42.41	-26.10	1365.57	417.99	419.89	1363.67	-42.35
		402	15.13	-27.77	-100.36	-74.99	-53.13	-34.61	-249.19	-1004.93	-268.90	-985.22	120.44
		240	12.30	69.00	-178.15	24.00	-133.15	-95.38	47.14	-295.57	3.15	-251.58	114.63
432	148	406	9.16	90.49	-57.63	19.00	13.86	-74.02	348.95	-29.99	-25.30	344.26	41.91
		407	23.47	155.27	-47.38	151.20	-43.30	-28.45	1377.20	420.94	422.71	1375.43	-41.11
		402	15.04	-25.93	-102.11	-73.24	-54.80	-36.96	-239.77	-993.35	-260.74	-972.39	123.94
		240	12.40	72.21	-180.32	25.89	-134.01	-97.73	55.83	-288.34	10.47	-242.98	116.42
433	85	407	27.70	117.52	-38.08	114.21	-34.77	-22.44	1736.68	398.35	398.49	1736.54	-13.40
		411	29.88	117.92	-39.17	117.16	-38.41	-10.92	1853.57	372.07	372.10	1853.54	6.71
		403	21.27	-61.06	-67.16	-67.16	-61.06	0.12	-260.87	-1393.62	-261.21	-1393.28	-19.46
		402	20.27	-27.96	-96.82	-62.96	-61.81	-34.42	-260.84	-1314.33	-262.73	-1312.43	44.66
433	110	407	22.86	114.87	-28.06	114.64	-27.83	-5.72	1401.80	326.10	326.10	1401.80	0.81
		411	24.61	116.00	-31.88	115.99	-31.88	-0.84	1495.88	312.55	312.55	1495.87	-2.97
		403	16.20	-41.65	-58.59	-48.27	-51.96	8.27	-219.05	-1045.53	-219.49	-1045.10	-18.92
		402	15.31	-32.60	-63.94	-45.21	-51.32	-15.37	-218.38	-984.95	-220.51	-982.82	40.31
433	142	407	23.24	121.65	-28.29	121.56	-28.20	-3.56	1416.50	330.87	330.87	1416.49	2.63
		411	25.01	122.88	-32.46	122.87	-32.45	1.32	1511.31	317.47	317.49	1511.30	-4.30
		403	16.08	-39.84	-61.55	-47.66	-53.73	10.42	-221.01	-1031.56	-221.50	-1031.07	-19.94
		402	15.19	-34.88	-62.61	-44.55	-52.94	-13.22	-220.27	-971.92	-222.67	-969.52	42.38
434	66	411	30.54	159.12	-53.20	155.99	-50.06	-25.61	1860.69	526.97	530.02	1857.64	63.73
		412	8.57	66.27	-53.88	-8.61	21.00	58.23	450.82	12.19	19.38	443.63	-55.71
		405	16.17	36.42	-224.21	-2.30	-185.49	92.70	-7.32	-489.15	-50.70	-445.78	-137.90
		403	23.02	-56.44	-125.32	-116.89	-64.87	-22.57	-409.99	-1528.17	-419.64	-1518.52	-103.43
434	123	411	22.27	111.46	-49.85	98.95	-37.35	-43.13	1356.36	396.95	400.34	1352.98	56.85
		412	5.26	13.21	-41.12	-31.56	3.66	20.69	259.45	-29.42	-22.99	253.02	-42.62
		405	12.79	8.64	-163.81	-6.55	-148.62	48.87	-42.58	-432.84	-77.59	-397.83	-111.52
		403	18.67	-22.97	-116.65	-92.27	-47.35	-41.10	-346.49	-1220.52	-353.54	-1213.48	-78.15
434	155	411	22.09	109.91	-53.10	93.96	-37.15	-48.43	1342.10	392.78	396.32	1338.56	57.88
		412	5.16	6.60	-42.51	-37.09	1.19	15.39	245.47	-33.82	-27.00	238.65	-43.11
		405	12.98	4.65	-162.46	-7.61	-150.20	43.57	-51.07	-447.75	-85.76	-413.05	-112.07
		403	18.95	-17.69	-121.48	-92.82	-46.35	-46.40	-354.93	-1235.54	-361.72	-1228.75	-77.03
435	85	507	3.09	51.13	-31.99	-19.43	38.57	29.77	61.25	-341.24	-312.61	32.62	103.45
		506	9.73	-47.63	-329.30	-192.71	-184.22	140.77	-60.44	-573.46	-373.38	-260.52	250.23
		484	13.31	147.19	96.58	103.72	140.06	-17.61	69.70	-2943.47	-27.71	-2846.06	-532.94
		481	10.85	44.27	-230.46	-54.13	-132.06	131.72	-665.15	-2252.66	-1120.51	-1797.30	-718.01
435	104	507	3.01	51.52	-49.21	-31.61	33.93	38.25	30.85	-235.97	-224.08	18.96	55.06
		506	8.07	-31.58	-289.25	-171.91	-148.92	128.32	-62.18	-351.67	-247.80	-166.05	138.85
		484	10.30	110.77	80.79	81.21	110.35	-3.54	72.82	-2234.15	-9.15	-2152.18	-427.06
		481	9.22	55.35	-195.86	-44.67	-95.84	122.97	-468.29	-1701.83	-807.64	-1362.48	-550.85
435	136	507	3.04	53.17	-52.90	-33.48	33.75	41.02	20.83	-229.54	-223.32	14.61	38.97
		506	8.12	-29.92	-293.24	-173.83	-149.33	131.09	-79.10	-340.11	-247.68	-171.53	124.82
		484	10.38	110.18	80.03	80.05	110.16	-0.77	85.62	-2243.53	-2.22	-2155.69	-443.71

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		481	9.45	57.38	-199.04	-45.80	-95.85	125.74	-445.71	-1716.47	-799.58	-1362.61	-569.62
436	88	508	4.07	17.72	-17.19	16.43	-15.90	6.57	1012.49	210.11	956.95	265.65	203.67
		507	4.34	20.45	-102.89	-12.78	-69.66	54.72	253.07	-373.25	-210.92	90.74	274.44
		481	10.12	47.84	-187.46	-49.12	-90.50	115.82	-901.69	-2225.58	-1447.27	-1680.00	-651.64
		478	6.14	10.74	-127.96	0.68	-117.90	35.97	910.08	-133.13	910.00	-133.05	-9.02
436	107	508	4.28	38.25	-40.03	4.96	-6.74	38.70	797.22	53.27	654.35	196.14	293.04
		507	5.35	39.15	-95.33	-20.91	-35.26	66.86	402.79	-360.51	-62.73	105.01	372.32
		481	8.32	70.18	-158.35	-40.73	-47.44	114.22	-885.41	-1666.70	-1225.09	-1327.02	-387.31
		478	4.98	28.41	-106.86	-8.65	-69.79	60.33	533.65	-193.08	504.92	-164.36	141.60
436	139	508	4.58	42.04	-45.80	3.73	-7.50	43.56	826.36	43.03	670.86	198.53	312.46
		507	5.66	44.29	-99.58	-22.01	-33.28	71.72	426.82	-363.91	-46.04	108.95	387.69
		481	8.51	75.11	-163.06	-42.34	-45.60	119.07	-906.41	-1675.40	-1248.60	-1333.22	-382.16
		478	5.18	31.05	-112.49	-10.69	-70.74	65.19	519.10	-207.91	481.42	-170.22	161.17
437	85	505	7.82	25.85	-121.06	-82.19	-13.02	-64.81	8.94	-1455.44	-290.94	-1155.56	-590.94
		509	3.02	2.26	-63.96	-17.33	-44.37	-30.22	-402.62	-602.51	-422.51	-582.62	59.83
		490	10.18	-58.53	-115.53	-68.78	-105.28	-21.89	-583.58	-2370.87	-583.84	-2370.62	21.33
		487	11.44	93.55	48.13	50.25	91.43	-9.57	-147.22	-2645.24	-152.40	-2640.07	113.56
437	107	505	5.02	36.68	-105.88	-87.66	18.46	-47.60	53.15	-908.18	-102.71	-752.32	-354.32
		509	2.42	-24.84	-59.65	-41.18	-43.32	-17.37	-187.88	-393.51	-189.38	-392.01	-17.49
		490	7.90	-57.43	-92.60	-59.96	-90.07	-9.09	-354.27	-1774.80	-355.14	-1773.92	-35.20
		487	9.08	102.61	45.71	46.01	102.30	4.14	-182.37	-1948.77	-185.29	-1945.85	71.77
437	139	505	4.97	39.44	-106.77	-90.39	23.07	-46.11	57.76	-909.92	-100.06	-752.10	-357.51
		509	2.45	-28.48	-60.23	-44.27	-44.45	-15.87	-184.84	-397.14	-187.30	-394.68	-22.71
		490	7.93	-59.04	-92.70	-60.85	-90.89	-7.59	-354.81	-1778.76	-356.01	-1777.55	-41.46
		487	9.20	107.74	45.76	46.27	107.22	5.64	-183.01	-1948.94	-185.61	-1946.33	67.81
438	75	509	4.94	7.26	-110.98	-35.12	-68.60	-56.70	-342.63	-735.55	-381.82	-696.36	-117.75
		510	2.69	-16.27	-58.78	-16.40	-58.65	2.33	-171.36	-423.06	-171.36	-423.06	1.18
		493	6.64	-47.16	-114.85	-91.81	-70.20	-32.07	-344.70	-1665.60	-459.53	-1550.77	372.15
		490	9.13	-48.56	-95.63	-79.21	-64.98	-22.43	-326.58	-2345.67	-360.58	-2311.67	259.80
438	116	509	3.24	18.18	-59.51	-2.47	-38.86	-34.32	-474.22	-589.31	-491.81	-571.71	-41.42
		510	2.10	14.01	-36.27	12.39	-34.65	8.88	-303.77	-420.05	-352.47	-371.35	57.37
		493	5.22	-35.94	-70.78	-60.01	-46.71	-16.10	-373.52	-1354.02	-506.64	-1220.90	335.87
		490	6.93	-34.44	-53.42	-48.09	-39.76	-8.52	-390.27	-1852.17	-433.65	-1808.79	248.07
438	148	509	3.20	21.30	-56.02	3.37	-38.09	-32.63	-533.01	-605.25	-548.71	-589.55	-29.79
		510	2.22	20.18	-36.45	18.13	-34.41	10.57	-322.74	-474.31	-409.04	-388.01	75.05
		493	5.33	-37.01	-67.71	-57.64	-47.08	-14.41	-396.47	-1383.86	-546.44	-1233.89	354.38
		490	6.99	-35.17	-50.09	-45.62	-39.64	-6.83	-425.21	-1871.45	-473.77	-1822.88	260.53
439	67	516	2.41	9.62	-11.35	-1.42	-0.31	-10.47	445.40	-142.52	53.62	249.26	277.21
		515	3.66	-17.04	-99.23	-65.24	-51.03	40.47	246.70	-274.37	86.68	-114.34	240.37
		507	4.37	0.46	-84.32	-42.06	-41.80	42.39	270.08	-447.23	-162.45	-14.70	350.96
		508	3.58	44.95	-41.49	1.35	2.11	43.22	425.23	-124.61	287.95	12.67	237.98
439	111	516	2.38	7.15	-12.78	-12.12	6.49	3.56	430.91	-211.21	39.83	179.87	313.33
		515	4.39	7.88	-79.26	-51.84	-19.54	40.47	104.78	-556.93	-327.62	-124.53	314.88
		507	4.93	16.88	-73.38	-39.41	-17.09	43.73	124.79	-691.63	-405.74	-161.10	389.45
		508	3.09	31.84	-38.79	-12.74	5.80	34.08	413.98	-94.38	241.11	78.48	240.82
439	143	516	2.72	9.64	-16.83	-15.41	8.22	5.98	434.23	-267.51	-18.03	184.76	335.90
		515	4.84	10.43	-83.19	-55.15	-17.61	42.88	110.73	-636.90	-388.34	-137.83	352.21
		507	5.31	19.44	-76.78	-42.28	-15.07	46.15	137.29	-753.09	-445.58	-170.23	423.37
		508	3.30	34.28	-42.31	-15.65	7.62	36.49	411.42	-122.09	204.13	85.20	260.04
440	2	515	3.28	21.40	-100.33	-58.13	-20.79	-57.93	69.90	-271.27	-231.17	29.80	109.88
		514	2.80	49.99	-43.55	42.63	-36.18	25.19	37.13	-203.84	-201.65	34.94	-22.87
		506	8.41	-117.98	-313.86	-312.86	-118.98	-13.92	-200.61	-473.94	-473.38	-201.17	-12.29
		507	3.66	79.68	-52.43	-29.47	56.72	50.06	-86.69	-355.75	-240.22	-202.22	133.18
440	115	515	4.06	12.12	-98.99	-77.50	-9.38	-43.89	285.79	-293.61	-56.06	48.23	284.97
		514	1.42	0.27	-43.27	-7.67	-35.33	16.82	93.93	-81.28	-24.05	36.70	82.17
		506	6.90	-95.84	-265.06	-264.40	-96.50	-10.56	-145.61	-394.77	-346.29	-194.09	98.64
		507	4.05	54.18	-68.96	-59.58	44.80	32.66	127.40	-447.76	-156.69	-163.66	287.56
440	143	515	4.41	12.38	-105.98	-85.63	-7.97	-44.66	331.54	-306.80	-27.58	52.32	316.66
		514	1.55	-7.33	-45.96	-15.90	-37.39	16.05	129.62	-87.18	3.23	39.22	106.90
		506	7.06	-97.91	-273.62	-272.88	-98.64	-11.33	-136.61	-398.62	-337.88	-197.35	110.56
		507	4.40	54.53	-75.72	-67.38	46.18	31.89	184.29	-494.76	-148.00	-162.48	339.45
441	36	514	1.57	-1.56	-41.45	-3.15	-39.86	7.80	-4.21	-221.68	-215.02	-10.87	-37.46
		513	6.61	-4.07	-220.58	-188.68	-35.97	76.74	270.56	-101.98	155.89	12.69	-171.96
		505	4.58	61.15	-101.83	-101.66	60.98	-5.25	100.73	-640.75	-193.17	-346.86	-362.69
		506	7.95	-49.68	-312.38	-260.07	-101.99	104.91	35.01	-225.53	-225.28	34.76	8.03
441	123	514	1.90	-10.68	-78.77	-52.16	-37.30	33.22	52.05	12.77	48.96	15.86	10.57
		513	6.35	18.10	-196.92	-172.06	-6.75	68.75	355.47	39.40	348.75	46.12	-45.59
		505	5.74	60.47	-131.80	-128.56	57.23	24.75	224.31	-302.68	140.70	-219.07	-192.54
		506	6.61	-43.02	-279.07	-239.23	-82.86	88.42	137.98	31.38	107.23	62.13	48.29
441	155	514	2.28	-12.35	-91.45	-63.28	-40.52	37.87	98.67	17.43	95.32	20.78	16.13
		513	6.79	21.92	-208.60	-182.21	-4.47	73.40	398.06	50.69	395.46	53.29	-29.91
		505	6.19	63.80	-142.65	-138.37	59.52	29.40	266.11	-274.81	200.56	-209.26	-176.53
		506	7.08	-44.03	-292.14	-250.11	-86.06	93.07	190.94	45.27	166.76	69.46	54.21

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
442	87	513	5.17	-20.08	-101.51	-88.03	-33.55	-30.26	246.37	-651.04	-412.51	7.84	-396.44
		517	2.57	-20.11	-65.08	-51.51	-33.68	20.64	-18.88	-377.06	-376.72	-19.22	11.03
		509	3.69	17.87	-56.29	-15.50	-22.92	-36.89	-364.05	-863.01	-364.13	-862.93	-6.13
		505	5.87	-18.91	-127.03	-124.05	-21.89	-17.70	-50.98	-1102.03	-449.25	-703.77	-509.88
442	115	513	4.05	-9.35	-153.99	-150.42	-12.92	-22.44	267.12	-74.39	139.27	53.46	-165.28
		517	3.43	-27.94	-124.68	-124.47	-28.16	4.54	185.85	55.48	178.51	62.82	-30.05
		509	3.15	7.36	-79.82	-57.17	-15.30	-38.23	61.32	-500.90	60.96	-500.53	-14.32
		505	4.84	6.44	-146.34	-144.60	4.71	-16.18	100.43	-529.00	10.34	-438.91	-220.43
442	147	513	4.58	-7.83	-166.25	-162.69	-11.40	-23.49	297.68	-34.01	201.00	62.68	-150.74
		517	3.94	-29.55	-137.40	-137.29	-29.66	3.49	248.53	70.64	241.51	77.67	-34.65
		509	3.41	6.23	-86.25	-64.41	-15.61	-39.28	105.41	-488.27	105.19	-488.04	-11.47
		505	5.17	9.19	-153.30	-151.45	7.34	-17.23	128.49	-507.09	53.43	-432.03	-205.12
443	45	346	16.99	-130.87	-170.00	-158.51	-142.36	17.82	-831.24	-2244.15	-863.40	-2211.98	-210.74
		325	20.28	-57.18	-232.63	-175.62	-114.19	82.17	-4.48	-2741.81	-148.19	-2598.10	-610.52
		235	10.86	-54.17	-210.54	-113.26	-151.45	75.82	-39.34	-1187.56	-128.35	-1098.55	-307.06
		255	18.77	-143.90	-168.11	-151.41	-160.61	11.19	-1075.95	-2449.49	-1098.14	-2427.30	-173.14
443	112	346	14.94	-79.83	-139.15	-112.74	-106.24	29.49	-736.64	-2077.57	-759.27	-2054.94	-172.71
		325	17.66	-23.12	-186.46	-125.38	-84.20	79.03	-76.76	-2420.57	-195.54	-2301.79	-514.10
		235	10.14	-19.11	-171.15	-77.99	-112.27	74.07	-165.86	-1240.73	-242.62	-1163.97	-276.80
		255	16.37	-87.75	-139.32	-106.93	-120.14	24.93	-986.10	-2243.21	-997.12	-2232.19	-117.21
443	144	346	15.34	-75.02	-142.50	-111.73	-105.80	33.61	-756.41	-2149.44	-778.23	-2127.62	-172.97
		325	18.14	-18.13	-189.42	-124.29	-83.26	83.16	-92.06	-2484.81	-212.52	-2364.35	-523.18
		235	10.50	-13.89	-174.06	-76.67	-111.28	78.19	-193.44	-1307.37	-271.79	-1229.02	-284.86
		255	16.79	-82.78	-142.54	-105.68	-119.64	29.05	-1017.99	-2317.58	-1028.26	-2307.32	-115.05
444	55	78	6.84	-26.14	-71.33	-26.93	-70.54	5.93	832.09	441.21	442.26	831.04	20.19
		105	8.26	-30.45	-75.99	-37.99	-68.44	16.93	1084.54	397.01	401.37	1080.18	54.56
		106	11.52	-43.15	-88.35	-71.48	-60.03	21.86	1698.81	440.30	455.16	1683.96	135.90
		80	10.76	-33.55	-82.91	-50.79	-65.68	23.53	1571.81	541.95	592.53	1521.22	222.58
444	110	78	5.28	-23.91	-46.29	-24.88	-45.33	4.55	681.92	293.65	304.71	670.86	-64.60
		105	6.68	-25.26	-53.26	-34.00	-44.52	12.97	916.47	270.87	270.88	916.46	-2.51
		106	9.49	-27.15	-65.66	-55.70	-37.11	16.86	1451.77	369.60	374.86	1446.52	75.21
		80	8.33	-21.04	-57.55	-39.70	-38.89	18.25	1261.52	453.20	467.26	1247.46	105.70
444	142	78	5.44	-24.67	-46.30	-25.53	-45.43	4.23	709.15	291.89	306.18	694.87	-75.88
		105	6.93	-26.20	-53.50	-34.75	-44.95	12.66	955.58	274.04	274.16	955.45	-9.06
		106	9.73	-27.49	-65.19	-55.36	-37.32	16.55	1491.74	381.54	386.23	1487.04	72.02
		80	8.48	-21.09	-56.98	-39.34	-38.73	17.94	1285.16	463.45	475.61	1272.99	99.24
445	87	80	9.48	-32.35	-88.62	-54.99	-65.98	27.59	1320.82	482.41	494.33	1308.90	99.27
		106	10.45	-46.48	-91.19	-76.01	-61.65	21.17	1504.54	359.77	370.19	1494.13	108.70
		375	20.68	-10.95	-148.05	-119.81	-39.20	55.45	3225.92	479.66	482.97	3222.61	-95.33
		374	22.17	-27.31	-111.10	-73.12	-65.29	41.71	3450.23	705.12	752.59	3402.77	357.82
445	110	80	10.99	-24.83	-69.46	-42.83	-51.47	21.89	1657.81	525.12	551.13	1631.81	169.64
		106	11.47	-31.40	-68.85	-57.93	-42.31	17.02	1762.54	466.72	471.16	1758.11	75.65
		375	16.28	-3.64	-109.06	-87.16	-25.54	42.76	2518.69	344.56	348.36	2514.90	-90.76
		374	17.90	-23.79	-85.83	-59.20	-50.42	30.71	2786.85	512.74	559.22	2740.36	321.79
445	142	80	11.67	-24.63	-70.08	-42.50	-52.21	22.20	1767.32	551.45	576.54	1742.22	172.86
		106	12.11	-31.16	-68.98	-57.64	-42.50	17.33	1868.03	492.20	495.74	1864.50	69.61
		375	16.91	-3.37	-108.91	-86.63	-25.65	43.07	2622.94	355.94	360.15	2618.73	-97.55
		374	18.59	-23.76	-86.28	-58.94	-51.09	31.02	2893.14	526.83	571.76	2848.21	322.94
446	68	190	62.07	-147.74	-282.64	-246.95	-183.43	59.50	1.573e+04	255.55	2235.56	1.375e+04	-5168.51
		94	57.68	-143.24	-298.52	-255.35	-186.41	69.57	1.447e+04	-454.66	-78.05	1.409e+04	-2340.79
		89	79.05	-147.45	-237.61	-224.99	-160.07	31.28	-4518.10	-2.239e+04	-4550.92	-2.235e+04	-765.12
		408	97.19	-102.93	-305.92	-237.88	-170.97	95.83	-5455.50	-2.767e+04	-5578.38	-2.754e+04	-1647.52
446	119	190	46.69	-99.41	-229.15	-182.87	-145.69	62.15	1.148e+04	-177.46	1483.30	9818.63	-4074.46
		94	42.48	-89.72	-232.92	-187.34	-135.30	66.70	1.047e+04	-605.74	-290.80	1.016e+04	-1841.15
		89	62.75	-89.27	-172.96	-151.05	-111.17	36.79	-3591.44	-1.783e+04	-3617.89	-1.780e+04	-613.17
		408	77.23	-59.71	-239.41	-165.30	-133.82	88.46	-4317.20	-2.196e+04	-4417.11	-2.186e+04	-1323.92
446	151	190	46.41	-96.54	-231.45	-181.96	-146.04	65.02	1.134e+04	-252.10	1435.38	9654.80	-4088.73
		94	42.05	-85.53	-234.13	-185.92	-133.74	69.57	1.033e+04	-656.74	-336.26	1.001e+04	-1848.50
		89	63.23	-84.58	-172.79	-148.00	-109.37	39.65	-3619.19	-1.798e+04	-3645.77	-1.795e+04	-617.35
		408	77.80	-55.79	-240.71	-162.68	-133.82	91.33	-4346.39	-2.212e+04	-4447.26	-2.202e+04	-1335.17
447	88	203	86.20	-106.03	-326.21	-249.76	-182.48	104.83	2.276e+04	1859.25	3304.19	2.131e+04	-5301.98
		93	74.23	-197.93	-321.60	-245.10	-274.43	60.07	1.624e+04	-4569.99	-4481.51	1.615e+04	-1353.95
		94	62.71	-148.24	-262.30	-232.49	-178.05	50.11	1.589e+04	-334.46	303.39	1.525e+04	-3152.93
		190	58.40	-122.32	-306.61	-253.47	-175.46	83.48	1.485e+04	557.56	1879.14	1.353e+04	-4140.38
447	118	203	66.12	-84.01	-232.69	-179.04	-137.66	71.40	1.759e+04	1631.48	2666.85	1.655e+04	-3930.34
		93	57.35	-153.59	-242.97	-180.12	-216.44	40.83	1.261e+04	-3339.07	-3283.18	1.256e+04	-942.56
		94	48.37	-131.81	-212.53	-191.46	-152.88	35.45	1.227e+04	-118.87	334.78	1.182e+04	-2326.89
		190	44.56	-104.39	-234.51	-202.66	-136.24	55.94	1.146e+04	604.31	1548.39	1.052e+04	-3059.53
447	150	203	66.13	-84.11	-231.01	-177.04	-138.08	70.82	1.760e+04	1659.69	2685.37	1.657e+04	-3911.19
		93	57.47	-154.26	-244.80	-178.79	-220.27	40.24	1.263e+04	-3319.24	-3265.50	1.257e+04	-924.13
		94	48.44	-136.19	-214.72	-193.52	-157.39	34.86	1.228e+04	-93.71	353.64	1.183e+04	-2309.94
		190	44.56	-106.04	-235.25	-203.95	-137.34	55.35	1.148e+04	634.38	1568.35	1.054e+04	-3041.90
448	86	404	38.33	59.67	-299.53	-277.17	37.30	86.79	1.136e+04	7256.26	7626.17	1.099e+04	1175.97

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		91	117.70	-149.80	-770.18	-319.59	-600.39	276.60	-2.032e+04	-3.091e+04	-2.370e+04	-2.753e+04	4939.68
		93	98.93	-131.93	-213.54	-131.99	-213.48	-2.27	2.382e+04	-3097.77	-2099.92	2.282e+04	-5085.63
		203	68.79	-108.33	-434.95	-323.34	-219.93	154.91	1.659e+04	-609.66	859.47	1.512e+04	-4807.36
448	110	404	30.57	41.70	-204.49	-185.62	22.83	65.49	9133.64	5529.52	6098.48	8564.69	1314.11
		91	91.21	-103.50	-592.41	-220.86	-475.05	208.82	-1.518e+04	-2.406e+04	-1.777e+04	-2.146e+04	4040.72
		93	74.79	-111.99	-197.68	-112.05	-197.62	2.30	1.772e+04	-2494.46	-1740.70	1.696e+04	-3829.76
		203	51.92	-81.29	-324.22	-237.16	-168.35	116.49	1.261e+04	-258.00	782.13	1.157e+04	-3507.01
448	142	404	30.79	41.91	-200.77	-181.00	22.14	66.39	9202.06	5515.71	6142.65	8575.13	1384.94
		91	91.64	-101.54	-598.35	-216.82	-483.07	209.72	-1.514e+04	-2.417e+04	-1.774e+04	-2.157e+04	4087.75
		93	74.63	-113.56	-206.18	-113.67	-206.07	3.20	1.761e+04	-2525.65	-1772.34	1.685e+04	-3820.90
		203	51.82	-80.62	-324.63	-235.85	-169.40	117.40	1.258e+04	-234.78	793.33	1.155e+04	-3481.28
449	2	410	74.17	49.97	-160.62	-80.12	-30.54	-102.33	-1.089e+04	-2.249e+04	-1.770e+04	-1.568e+04	5713.50
		90	79.17	17.80	-895.95	-790.88	-87.27	291.49	1.573e+04	-3491.68	4727.27	7514.31	9510.93
		91	105.69	101.68	-450.67	-147.38	-201.61	274.84	-1.060e+04	-2.886e+04	-2.127e+04	-1.820e+04	9002.90
		404	59.21	-139.82	-445.51	-422.42	-162.91	80.78	1.542e+04	-32.33	5788.41	9599.76	7487.71
449	116	410	55.20	5.90	-104.69	-63.59	-35.21	-53.44	-7629.76	-1.689e+04	-1.248e+04	-1.203e+04	4622.45
		90	60.20	-5.62	-649.28	-563.97	-90.93	218.26	1.237e+04	-2429.24	4142.34	5794.16	7351.24
		91	80.86	77.16	-351.39	-102.20	-172.03	211.42	-7964.39	-2.203e+04	-1.603e+04	-1.396e+04	6954.92
		404	46.99	-103.32	-321.39	-300.83	-123.88	63.71	1.228e+04	-60.21	5097.29	7124.84	6087.44
449	148	410	55.19	2.72	-101.65	-62.45	-36.48	-50.54	-7532.43	-1.689e+04	-1.237e+04	-1.206e+04	4676.39
		90	60.34	-10.16	-651.37	-562.87	-98.65	221.16	1.245e+04	-2369.79	4268.39	5815.63	7371.32
		91	80.99	78.18	-357.65	-100.32	-179.16	214.32	-7896.00	-2.201e+04	-1.595e+04	-1.395e+04	6986.91
		404	47.43	-102.04	-321.15	-298.57	-124.62	66.61	1.235e+04	-102.84	5163.35	7088.17	6153.79
450	2	70	41.55	176.55	-464.51	-374.17	86.21	-223.06	1729.29	-1.217e+04	-6639.94	-3802.28	-6804.03
		231	36.10	-234.59	-451.15	-364.86	-320.88	106.02	-1.174e+04	-1.253e+04	-1.180e+04	-1.247e+04	-210.40
		301	41.87	90.45	-436.96	20.85	-367.36	-178.50	2082.93	-1.272e+04	-3723.78	-6909.72	-7226.18
		3	40.02	565.08	-139.86	206.92	218.30	352.43	8187.59	-5191.18	1425.19	1571.22	-6688.99
450	117	70	32.40	136.62	-356.21	-281.41	61.82	-176.83	962.80	-9641.93	-5812.64	-2866.48	-5093.64
		231	26.74	-178.10	-356.84	-278.85	-256.09	88.64	-8415.18	-9099.37	-8654.97	-8859.58	326.44
		301	32.29	66.92	-355.66	10.60	-299.34	-143.62	1206.73	-9842.16	-2833.69	-5801.74	-5321.39
		3	30.07	424.17	-112.58	149.03	162.55	268.29	6120.31	-3877.50	1038.12	1204.70	-4998.21
450	149	70	32.53	137.60	-355.22	-279.92	62.31	-177.30	971.95	-9685.52	-5850.59	-2862.98	-5115.07
		231	26.79	-179.47	-356.90	-278.00	-258.37	88.17	-8444.67	-9105.36	-8692.69	-8857.34	319.92
		301	32.34	65.62	-358.97	9.24	-302.59	-144.09	1215.14	-9841.21	-2835.71	-5790.35	-5327.12
		3	30.14	423.35	-112.49	148.26	162.60	267.82	6145.35	-3894.34	1036.12	1214.89	-5019.05
451	22	396	76.58	-206.98	-609.37	-524.44	-291.91	-164.20	-6320.89	-3.077e+04	-3.072e+04	-6369.92	-1093.74
		282	32.51	-221.67	-471.26	-471.26	-221.67	0.05	271.84	-1.043e+04	-1.002e+04	-142.31	2064.28
		231	31.68	-77.45	-477.06	-365.47	-189.03	-179.27	-7563.50	-1.322e+04	-1.138e+04	-9398.60	2646.49
		70	34.58	99.33	-424.03	-294.24	-30.46	226.01	-155.45	-1.300e+04	-9732.11	-3418.98	-5590.50
451	97	396	59.20	-154.39	-462.00	-403.60	-212.79	-120.64	-4907.12	-2.378e+04	-2.374e+04	-4950.92	-908.09
		282	25.20	-168.95	-365.30	-365.16	-169.09	5.13	104.80	-8094.03	-7810.59	-178.64	1497.86
		231	24.54	-60.08	-355.18	-272.95	-142.31	-132.30	-6021.86	-1.022e+04	-8923.12	-7316.42	1938.01
		70	27.30	95.23	-319.59	-215.17	-9.19	180.03	-143.13	-1.020e+04	-7649.11	-2695.18	-4376.71
451	129	396	59.26	-153.16	-460.52	-403.57	-210.11	-119.42	-4916.44	-2.380e+04	-2.376e+04	-4961.59	-922.28
		282	25.24	-168.44	-365.89	-365.68	-168.65	6.36	84.77	-8109.40	-7832.92	-191.71	1479.57
		231	24.57	-60.18	-352.62	-271.20	-141.61	-131.08	-6060.83	-1.023e+04	-8956.58	-7331.75	1918.40
		70	27.45	99.15	-318.15	-212.86	-6.14	181.26	-147.57	-1.024e+04	-7682.00	-2708.19	-4392.36
452	16	187	87.48	-273.19	-661.98	-572.65	-362.52	-163.56	-7419.86	-3.562e+04	-3.561e+04	-7429.97	-533.89
		77	39.08	-213.76	-599.50	-579.51	-233.75	85.50	-2986.25	-1.321e+04	-1.314e+04	-3055.84	840.42
		282	33.01	-119.25	-598.21	-518.30	-199.17	-178.58	-1654.00	-1.146e+04	-1.089e+04	-2223.33	2292.77
		396	74.25	-184.32	-682.17	-565.12	-301.36	211.12	-5514.12	-2.981e+04	-2.950e+04	-5832.63	-2763.78
452	117	187	67.44	-200.74	-510.38	-441.49	-269.63	-128.78	-5692.81	-2.742e+04	-2.741e+04	-5702.35	-455.12
		77	29.69	-166.95	-462.75	-448.92	-180.78	62.46	-2211.75	-9970.44	-9936.04	-2246.16	515.48
		282	25.42	-90.65	-463.57	-400.24	-153.98	-140.03	-1286.79	-8765.54	-8385.64	-1666.69	1642.20
		396	57.46	-136.32	-519.62	-433.91	-222.04	159.72	-4254.08	-2.307e+04	-2.282e+04	-4505.98	-2162.55
452	149	187	67.47	-198.95	-510.28	-441.61	-267.62	-129.09	-5691.40	-2.742e+04	-2.741e+04	-5701.41	-466.20
		77	29.70	-167.27	-463.14	-449.45	-180.95	62.15	-2201.42	-9970.13	-9938.77	-2232.78	492.60
		282	25.49	-90.56	-464.04	-400.49	-154.11	-140.34	-1287.79	-8782.24	-8412.36	-1657.68	1623.35
		396	57.54	-134.95	-518.83	-433.81	-219.98	159.41	-4256.06	-2.310e+04	-2.285e+04	-4509.20	-2169.47
453	24	174	90.45	-267.24	-681.47	-573.37	-375.34	-181.91	-7642.34	-3.711e+04	-3.709e+04	-7656.68	650.02
		71	39.80	-221.20	-608.45	-585.19	-244.46	92.01	-3118.75	-1.362e+04	-1.362e+04	-3118.78	-16.15
		77	38.07	-188.04	-614.41	-570.68	-231.78	-129.37	-2797.27	-1.312e+04	-1.297e+04	-2943.56	1219.97
		187	86.74	-248.18	-678.92	-571.73	-355.38	186.23	-7323.60	-3.549e+04	-3.542e+04	-7394.34	-1409.84
453	93	174	69.64	-188.84	-516.90	-440.93	-264.81	-138.39	-5887.88	-2.852e+04	-2.851e+04	-5897.43	464.88
		71	30.42	-153.74	-469.13	-451.68	-171.18	72.09	-2413.65	-1.035e+04	-1.035e+04	-2414.37	-75.37
		77	29.23	-130.64	-471.41	-440.58	-161.47	-97.75	-2197.31	-1.001e+04	-9911.49	-2294.43	865.55
		187	66.89	-170.84	-518.09	-439.61	-249.32	145.24	-5645.29	-2.733e+04	-2.727e+04	-5704.33	-1129.87
453	125	174	69.65	-185.16	-515.26	-440.84	-259.59	-137.94	-5891.16	-2.851e+04	-2.850e+04	-5900.41	457.36
		71	30.42	-150.19	-469.36	-451.93	-167.63	72.53	-2421.57	-1.035e+04	-1.034e+04	-2422.54	-87.72
		77	29.26	-127.68	-471.04	-440.80	-157.92	-97.30	-2209.73	-1.001e+04	-9916.10	-2303.88	851.82
		187	66.92	-166.39	-517.21	-439.49	-244.10	145.68	-5648.63	-2.733e+04	-2.727e+04	-5708.62	-1138.93
454	24	161	86.30	-249.64	-710.90	-584.54	-376.00	-205.71	-7116.10	-3.525e+04	-3.513e+04	-7232.62	1806.68
		42	37.98	-202.96	-602.44	-567.15	-238.24	113.35	-2450.83	-1.293e+04	-1.286e+04	-2517.19	-831.07

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		71	39.69	-202.50	-627.70	-586.02	-244.18	-126.43	-3224.05	-1.363e+04	-1.361e+04	-3243.65	451.18
		174	90.70	-278.26	-670.22	-573.19	-375.29	169.17	-7630.75	-3.718e+04	-3.718e+04	-7633.56	-288.34
454	118	161	66.71	-198.27	-541.73	-448.90	-291.10	-152.54	-5501.30	-2.728e+04	-2.718e+04	-5597.81	1446.43
		42	29.37	-154.82	-466.39	-435.70	-185.51	92.84	-1915.91	-1.001e+04	-9969.83	-1953.15	-547.71
		71	30.47	-161.66	-479.21	-450.46	-190.41	-91.13	-2451.36	-1.049e+04	-1.046e+04	-2475.53	440.06
		174	69.97	-209.94	-520.60	-439.97	-290.57	136.19	-5887.14	-2.869e+04	-2.869e+04	-5888.49	-175.44
454	150	161	66.77	-199.12	-540.63	-448.68	-291.06	-151.48	-5507.49	-2.731e+04	-2.721e+04	-5605.24	1456.62
		42	29.44	-154.44	-466.92	-435.56	-185.81	93.90	-1923.35	-1.004e+04	-1.000e+04	-1958.31	-531.47
		71	30.50	-162.52	-478.50	-450.31	-190.71	-90.07	-2451.13	-1.051e+04	-1.048e+04	-2477.16	457.16
		174	70.01	-208.93	-521.36	-439.75	-290.53	137.24	-5891.58	-2.871e+04	-2.871e+04	-5892.79	-165.89
455	24	148	67.43	-154.34	-640.64	-491.54	-303.43	-224.22	-5076.20	-2.750e+04	-2.706e+04	-5516.81	3112.26
		31	30.18	-191.96	-509.59	-460.19	-241.35	115.10	-1857.27	-1.063e+04	-1.022e+04	-2267.23	-1851.91
		42	38.47	-230.07	-580.40	-554.03	-256.44	-92.43	-2992.92	-1.323e+04	-1.321e+04	-3010.84	-427.98
		161	86.31	-271.52	-635.20	-537.05	-369.67	161.44	-7279.60	-3.536e+04	-3.534e+04	-7302.42	800.17
455	120	148	52.26	-136.98	-489.73	-378.34	-248.37	-163.97	-3928.50	-2.135e+04	-2.101e+04	-4265.13	2398.04
		31	23.50	-153.97	-401.97	-354.55	-201.39	97.53	-1381.08	-8309.10	-8019.10	-1671.07	-1387.43
		42	29.68	-196.80	-442.14	-425.50	-213.43	-61.68	-2211.12	-1.026e+04	-1.025e+04	-2219.69	-262.41
		161	66.78	-211.17	-500.66	-412.23	-299.60	133.34	-5613.44	-2.740e+04	-2.738e+04	-5633.05	653.31
455	152	148	52.34	-140.40	-488.98	-378.31	-251.06	-162.26	-3933.93	-2.139e+04	-2.105e+04	-4269.97	2398.35
		31	23.57	-155.15	-404.00	-354.63	-204.52	99.23	-1370.95	-8343.78	-8057.00	-1657.74	-1384.72
		42	29.74	-200.51	-441.32	-425.31	-216.51	-59.98	-2197.13	-1.029e+04	-1.028e+04	-2204.99	-252.05
		161	66.86	-211.35	-502.89	-412.00	-302.24	135.05	-5616.71	-2.743e+04	-2.741e+04	-5636.77	661.38
456	76	23	35.87	23.70	-456.87	-326.12	-107.05	-213.87	-551.55	-1.433e+04	-1.151e+04	-3371.10	5559.19
		230	27.69	-68.64	-513.47	-348.10	-234.01	214.97	-5447.79	-1.174e+04	-9716.14	-7476.20	-2942.44
		31	30.76	-219.10	-472.84	-456.97	-234.97	-61.44	-302.80	-9822.23	-9533.10	-591.93	-1633.64
		148	70.59	-239.49	-618.49	-543.14	-314.84	151.26	-5830.17	-2.788e+04	-2.773e+04	-5980.53	1814.55
456	122	23	27.95	18.15	-342.72	-243.90	-80.67	-160.92	-432.68	-1.119e+04	-8963.96	-2658.97	4358.11
		230	21.87	-58.75	-402.19	-265.96	-194.98	168.01	-4349.93	-9240.16	-7789.03	-5801.06	-2233.96
		31	23.95	-184.41	-365.49	-354.11	-195.79	-43.94	-218.49	-7708.47	-7512.13	-414.83	-1196.67
		148	54.76	-180.02	-477.07	-416.19	-240.90	119.91	-4546.29	-2.166e+04	-2.154e+04	-4662.08	1402.90
456	154	23	28.01	17.74	-341.08	-242.61	-80.73	-160.11	-443.15	-1.123e+04	-9001.80	-2668.92	4364.58
		230	21.94	-59.81	-404.10	-265.66	-198.25	168.81	-4359.08	-9266.98	-7826.95	-5799.11	-2234.69
		31	24.04	-188.05	-365.75	-354.58	-199.22	-43.14	-218.09	-7754.46	-7559.63	-412.92	-1195.98
		148	54.86	-179.48	-477.58	-415.95	-241.11	120.72	-4556.36	-2.171e+04	-2.159e+04	-4672.78	1408.28
457	88	231	32.75	-101.33	-453.39	-219.04	-335.68	-166.09	-7899.25	-1.372e+04	-9497.81	-1.212e+04	2597.78
		52	34.71	-218.87	-481.42	-240.75	-459.54	72.58	-413.33	-1.149e+04	-656.16	-1.125e+04	1622.10
		261	71.74	-272.58	-578.08	-319.67	-530.99	-110.32	-6057.53	-2.866e+04	-6184.97	-2.854e+04	-1692.55
		301	37.73	70.98	-473.98	-94.67	-308.32	250.67	369.31	-1.364e+04	-3330.55	-9944.94	-6177.48
457	116	231	25.19	-79.73	-337.06	-165.36	-251.44	-121.25	-6091.21	-1.056e+04	-7254.29	-9400.25	1961.81
		52	26.91	-164.95	-376.04	-184.99	-356.00	61.87	-266.59	-8871.56	-426.80	-8711.35	1163.15
		261	55.47	-206.95	-438.44	-236.20	-409.19	-76.91	-4677.97	-2.216e+04	-4785.94	-2.205e+04	-1369.66
		301	29.60	75.23	-359.53	-59.69	-224.62	201.13	308.15	-1.057e+04	-2588.19	-7676.06	-4808.84
457	148	231	25.17	-80.12	-334.46	-164.71	-249.88	-119.83	-6087.04	-1.056e+04	-7240.80	-9405.77	1956.78
		52	26.98	-163.83	-377.35	-184.61	-356.56	63.29	-258.99	-8890.09	-415.15	-8733.93	1150.41
		261	55.54	-205.64	-437.16	-233.64	-409.15	-75.49	-4682.64	-2.219e+04	-4793.42	-2.208e+04	-1388.26
		301	29.71	79.36	-358.20	-56.74	-222.10	202.56	312.42	-1.059e+04	-2592.71	-7686.48	-4820.56
458	86	52	34.16	-202.74	-511.47	-241.74	-472.46	-102.57	-2275.22	-1.228e+04	-2629.12	-1.193e+04	1848.26
		65	42.16	-242.99	-601.44	-287.87	-556.56	118.63	-3348.65	-1.491e+04	-3372.47	-1.488e+04	524.20
		266	87.42	-332.95	-603.88	-393.61	-543.21	-112.94	-7345.96	-3.591e+04	-7379.36	-3.588e+04	-976.23
		261	68.90	-132.83	-695.85	-317.64	-511.04	264.38	-5084.23	-2.808e+04	-5570.69	-2.760e+04	-3309.19
458	124	52	26.60	-140.47	-384.79	-162.33	-362.93	-69.74	-1917.95	-9549.83	-2161.25	-9306.54	1340.75
		65	33.09	-162.72	-470.64	-199.83	-433.54	100.25	-2734.58	-1.169e+04	-2748.65	-1.168e+04	354.78
		266	67.88	-237.21	-452.48	-269.20	-420.50	-76.57	-5713.85	-2.783e+04	-5745.31	-2.780e+04	-833.54
		261	53.33	-66.88	-531.66	-208.48	-390.07	213.92	-3931.72	-2.173e+04	-4337.27	-2.132e+04	-2655.62
458	156	52	26.67	-136.80	-383.19	-157.14	-362.85	-67.81	-1952.32	-9571.79	-2189.89	-9334.23	1324.27
		65	33.23	-157.22	-472.27	-194.85	-434.64	102.17	-2768.80	-1.174e+04	-2782.08	-1.173e+04	345.05
		266	68.04	-232.03	-450.45	-261.52	-420.96	-74.64	-5729.50	-2.788e+04	-5762.40	-2.785e+04	-852.91
		261	53.41	-59.40	-530.60	-200.57	-389.43	215.85	-3936.89	-2.176e+04	-4349.58	-2.135e+04	-2680.40
459	88	65	41.58	-242.23	-594.65	-270.56	-566.32	-95.82	-2848.75	-1.467e+04	-2922.88	-1.460e+04	933.40
		295	44.16	-210.58	-662.72	-292.30	-581.00	173.99	-3031.53	-1.556e+04	-3036.81	-1.555e+04	-257.08
		271	92.71	-345.94	-654.56	-406.45	-594.05	-122.53	-7690.25	-3.795e+04	-7690.84	-3.795e+04	-133.69
		266	87.46	-227.75	-759.99	-396.97	-590.76	247.85	-7175.19	-3.579e+04	-7313.01	-3.565e+04	-1980.98
459	118	65	32.44	-152.54	-453.85	-168.15	-438.25	-66.77	-2306.28	-1.140e+04	-2362.11	-1.135e+04	710.43
		295	34.74	-125.06	-510.72	-185.58	-450.20	140.27	-2467.70	-1.221e+04	-2471.93	-1.221e+04	-203.11
		271	72.24	-227.46	-490.25	-259.75	-457.96	-86.28	-6033.04	-2.949e+04	-6034.11	-2.949e+04	-158.36
		266	67.89	-129.65	-575.68	-251.51	-453.82	198.75	-5606.14	-2.771e+04	-5721.31	-2.759e+04	-1591.24
459	150	65	32.59	-144.80	-453.28	-159.35	-438.73	-65.40	-2333.38	-1.145e+04	-2388.89	-1.139e+04	709.09
		295	34.96	-116.76	-510.91	-176.82	-450.86	141.64	-2500.02	-1.229e+04	-2504.28	-1.228e+04	-204.14
		271	72.46	-217.87	-488.07	-247.88	-458.05	-84.90	-6060.68	-2.957e+04	-6061.95	-2.957e+04	-173.14
		266	68.05	-119.69	-573.61	-239.60	-453.70	200.13	-5626.31	-2.776e+04	-5743.64	-2.764e+04	-1607.04
460	88	295	43.76	-304.84	-563.62	-310.28	-558.18	-37.11	-3696.28	-1.589e+04	-3698.95	-1.589e+04	180.30
		365	45.51	-281.96	-609.39	-332.04	-559.31	117.85	-3426.23	-1.657e+04	-3427.53	-1.656e+04	-130.66
		276	92.89	-304.74	-625.72	-393.33	-537.13	-143.48	-7676.07	-3.850e+04	-7679.64	-3.849e+04	331.91

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		271	91.05	-211.70	-716.72	-393.50	-534.92	242.41	-7521.19	-3.774e+04	-7566.95	-3.769e+04	-1175.09
460	118	295	34.40	-194.25	-434.74	-196.54	-432.45	-23.38	-2972.74	-1.247e+04	-2976.08	-1.247e+04	177.87
		365	36.17	-178.49	-468.93	-213.80	-433.62	94.92	-2803.12	-1.316e+04	-2803.42	-1.316e+04	-55.93
		276	72.73	-195.47	-463.67	-246.27	-412.87	-105.10	-6050.25	-3.007e+04	-6052.33	-3.007e+04	223.77
		271	70.97	-118.48	-537.70	-245.43	-410.76	192.62	-5896.47	-2.934e+04	-5935.12	-2.930e+04	-951.01
460	150	295	34.60	-185.07	-435.01	-187.10	-432.98	-22.43	-3005.92	-1.254e+04	-3009.45	-1.254e+04	183.54
		365	36.47	-169.64	-468.97	-204.38	-434.23	95.87	-2844.05	-1.327e+04	-2844.27	-1.327e+04	-48.37
		276	73.04	-185.73	-460.58	-233.50	-412.81	-104.15	-6085.37	-3.018e+04	-6087.28	-3.018e+04	214.36
		271	71.19	-108.59	-534.67	-232.64	-410.61	193.57	-5923.07	-2.941e+04	-5962.59	-2.937e+04	-962.55
461	88	365	45.44	-300.10	-596.07	-324.11	-572.06	-80.80	-3261.80	-1.643e+04	-3268.93	-1.642e+04	306.34
		25	46.24	-289.82	-625.66	-339.95	-575.53	119.67	-3480.49	-1.678e+04	-3481.82	-1.678e+04	-132.83
		213	94.22	-303.10	-654.52	-405.98	-551.64	-159.90	-7674.44	-3.899e+04	-7683.50	-3.898e+04	532.59
		276	93.53	-238.75	-723.79	-400.48	-562.07	228.67	-7628.33	-3.858e+04	-7652.03	-3.856e+04	-856.29
461	118	365	36.11	-192.57	-459.26	-207.52	-444.31	-61.35	-2661.79	-1.306e+04	-2669.50	-1.305e+04	282.97
		25	36.83	-187.06	-477.07	-219.52	-444.61	91.44	-2840.24	-1.339e+04	-2840.55	-1.338e+04	-57.54
		213	73.87	-188.83	-486.29	-253.05	-422.07	-122.39	-6068.91	-3.051e+04	-6075.40	-3.051e+04	398.28
		276	73.24	-140.40	-539.73	-248.42	-431.71	177.39	-6024.19	-3.014e+04	-6043.24	-3.012e+04	-677.57
461	150	365	36.41	-183.64	-459.38	-197.99	-445.03	-61.24	-2698.99	-1.317e+04	-2706.99	-1.316e+04	289.34
		25	37.16	-178.45	-476.31	-209.91	-444.85	91.55	-2880.70	-1.351e+04	-2880.95	-1.351e+04	-50.94
		213	74.21	-178.08	-482.97	-239.49	-421.56	-122.28	-6108.79	-3.064e+04	-6115.10	-3.063e+04	393.47
		276	73.54	-130.34	-536.16	-234.93	-431.57	177.50	-6060.72	-3.025e+04	-6079.99	-3.023e+04	-682.51
462	88	25	46.20	-313.31	-600.61	-341.80	-572.13	-85.86	-3391.05	-1.682e+04	-3397.25	-1.682e+04	288.32
		46	45.69	-325.60	-601.30	-352.19	-574.71	81.39	-3563.64	-1.660e+04	-3563.77	-1.660e+04	41.22
		226	94.81	-285.42	-666.77	-414.54	-537.65	-180.47	-7709.98	-3.939e+04	-7722.90	-3.938e+04	639.83
		213	93.80	-257.29	-693.39	-403.59	-547.08	205.91	-7725.31	-3.883e+04	-7736.03	-3.882e+04	-577.37
462	118	25	36.81	-205.13	-461.27	-223.37	-443.03	-65.87	-2767.97	-1.342e+04	-2772.30	-1.342e+04	214.88
		46	36.39	-215.21	-460.06	-231.43	-443.84	60.89	-2896.84	-1.326e+04	-2896.89	-1.326e+04	23.94
		226	74.34	-178.19	-494.02	-261.42	-410.79	-139.14	-6094.38	-3.084e+04	-6103.81	-3.083e+04	482.85
		213	73.54	-155.70	-515.05	-252.17	-418.58	159.25	-6106.89	-3.039e+04	-6115.48	-3.039e+04	-456.56
462	150	25	37.13	-196.63	-460.96	-214.18	-443.41	-65.81	-2807.45	-1.354e+04	-2811.63	-1.354e+04	211.90
		46	36.71	-206.55	-459.64	-222.20	-443.99	60.95	-2936.84	-1.339e+04	-2936.88	-1.339e+04	20.97
		226	74.67	-168.08	-490.06	-247.98	-410.16	-139.08	-6134.57	-3.096e+04	-6143.83	-3.095e+04	479.46
		213	73.87	-145.62	-511.23	-238.77	-418.08	159.31	-6146.18	-3.052e+04	-6154.87	-3.051e+04	-459.94
463	2	324	17.05	-353.28	-474.01	-360.39	-466.90	-28.42	4354.63	1553.55	2599.32	3308.86	1354.87
		140	14.27	-386.30	-435.51	-386.70	-435.11	-4.38	488.96	-3635.65	-3508.23	361.55	713.65
		196	13.80	-329.10	-470.96	-334.55	-465.51	27.28	-561.72	-3735.27	-3672.28	-624.71	-442.65
		345	13.38	-321.28	-506.83	-321.88	-506.23	-10.47	2513.52	1027.27	1611.54	1929.25	-725.95
463	122	324	12.50	-240.68	-314.04	-259.35	-295.37	-31.95	3388.14	1300.00	1742.34	2945.80	853.23
		140	10.29	-230.27	-337.65	-269.34	-298.58	-51.66	591.09	-2804.32	-2652.70	439.47	701.31
		196	9.53	-236.99	-298.80	-237.40	-298.38	-5.04	-308.49	-2504.48	-2338.11	-474.86	-581.10
		345	9.08	-215.92	-333.48	-231.70	-317.70	-40.07	2074.64	551.10	1137.33	1488.41	-741.27
463	150	324	12.55	-230.44	-322.65	-261.04	-292.05	-43.42	3357.79	1253.48	1664.74	2946.53	834.43
		140	10.51	-221.27	-349.47	-274.23	-296.51	-63.12	581.43	-2878.27	-2729.53	432.70	701.75
		196	9.73	-237.15	-301.06	-241.74	-296.47	-16.51	-301.41	-2518.80	-2352.41	-467.80	-584.18
		345	9.03	-210.34	-340.04	-235.83	-314.55	-51.54	2103.45	525.92	1126.08	1503.29	-765.88
464	88	18	42.81	-275.70	-663.04	-349.74	-589.01	-152.30	-3338.82	-1.519e+04	-3362.00	-1.517e+04	523.69
		283	40.47	-311.01	-599.86	-325.51	-585.36	63.07	-2503.98	-1.397e+04	-2506.49	-1.397e+04	-169.80
		313	93.99	-265.67	-789.28	-464.53	-590.42	-254.13	-7554.97	-3.881e+04	-7656.35	-3.871e+04	1777.13
		128	97.01	-355.74	-658.64	-451.07	-563.31	140.67	-7937.99	-4.022e+04	-7938.16	-4.022e+04	72.36
464	118	18	33.89	-185.86	-506.97	-237.24	-455.59	-117.72	-2696.01	-1.205e+04	-2712.78	-1.203e+04	395.80
		283	31.86	-209.29	-460.65	-218.26	-451.67	46.65	-2027.73	-1.100e+04	-2029.72	-1.100e+04	-133.66
		313	73.06	-172.70	-590.23	-310.54	-452.39	-196.35	-5898.09	-3.012e+04	-5982.16	-3.004e+04	1424.55
		128	75.67	-238.49	-491.84	-299.21	-431.12	108.15	-6230.38	-3.133e+04	-6230.86	-3.133e+04	109.37
464	150	18	34.14	-179.23	-505.81	-229.16	-455.88	-117.53	-2730.03	-1.215e+04	-2746.18	-1.213e+04	389.65
		283	32.06	-201.42	-460.70	-210.17	-451.94	46.84	-2055.55	-1.108e+04	-2057.69	-1.107e+04	-138.84
		313	73.27	-164.50	-585.76	-298.42	-451.84	-196.16	-5923.31	-3.019e+04	-6008.33	-3.011e+04	1433.92
		128	75.93	-228.90	-488.80	-287.09	-430.60	108.34	-6261.97	-3.143e+04	-6262.53	-3.143e+04	117.98
465	88	283	40.75	-291.94	-621.55	-350.48	-563.01	-125.97	-3198.59	-1.445e+04	-3205.26	-1.445e+04	273.86
		399	35.60	-314.93	-536.41	-315.17	-536.18	-7.25	-2746.43	-1.230e+04	-2751.98	-1.229e+04	-230.35
		63	82.50	-200.00	-776.34	-458.85	-517.49	-286.67	-6609.36	-3.434e+04	-6824.20	-3.412e+04	2431.34
		313	92.80	-348.98	-625.57	-448.05	-526.50	132.61	-7684.38	-3.860e+04	-7694.99	-3.859e+04	572.76
465	118	283	32.05	-202.25	-477.90	-243.96	-436.18	-98.79	-2564.42	-1.137e+04	-2569.85	-1.137e+04	218.70
		399	27.78	-214.66	-413.93	-215.00	-413.59	-8.25	-2181.56	-9590.45	-2185.24	-9586.76	-165.15
		63	63.86	-127.46	-582.94	-313.47	-396.93	-223.89	-5143.20	-2.654e+04	-5315.75	-2.636e+04	1913.58
		313	72.13	-243.51	-466.37	-305.56	-404.31	99.89	-6012.23	-2.996e+04	-6022.11	-2.995e+04	486.19
465	150	283	32.24	-196.23	-477.47	-237.03	-436.67	-99.05	-2591.80	-1.145e+04	-2597.06	-1.144e+04	215.79
		399	27.90	-207.68	-414.25	-208.03	-413.90	-8.51	-2202.12	-9629.08	-2205.88	-9625.32	-166.94
		63	63.99	-120.71	-578.68	-302.88	-396.51	-224.15	-5161.94	-2.658e+04	-5335.70	-2.640e+04	1921.12
		313	72.33	-235.96	-463.13	-295.01	-404.09	99.63	-6038.70	-3.003e+04	-6048.84	-3.002e+04	493.29
466	88	399	36.55	-201.92	-668.16	-301.26	-568.83	-190.91	-2199.55	-1.208e+04	-2202.56	-1.208e+04	172.23
		355	27.52	-261.17	-492.15	-274.28	-479.04	53.44	-1753.49	-9173.32	-2068.16	-8858.65	-1495.25
		358	68.09	-180.63	-771.08	-446.22	-505.49	-293.73	-4913.05	-2.816e+04	-5539.84	-2.754e+04	3765.61
		63	84.77	-412.71	-637.54	-479.05	-571.19	102.54	-6961.55	-3.461e+04	-7023.70	-3.455e+04	1309.36

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
466	122	399	28.53	-139.70	-518.10	-216.60	-441.20	-152.27	-1803.48	-9441.62	-1807.31	-9437.80	170.82
		355	21.35	-185.35	-376.05	-192.30	-369.10	35.74	-1465.06	-7101.31	-1683.94	-6882.43	-1088.93
		358	52.52	-112.53	-586.57	-312.06	-387.04	-234.03	-3779.09	-2.170e+04	-4286.70	-2.120e+04	2973.44
		63	65.59	-302.75	-476.97	-340.04	-439.68	71.46	-5394.05	-2.674e+04	-5447.54	-2.669e+04	1067.27
466	154	399	28.65	-135.25	-518.74	-212.06	-441.94	-153.48	-1830.78	-9482.49	-1834.61	-9478.65	171.20
		355	21.40	-181.31	-375.67	-187.65	-369.33	34.53	-1489.73	-7116.98	-1706.73	-6899.98	-1083.52
		358	52.58	-106.12	-583.85	-303.53	-386.45	-235.24	-3784.41	-2.172e+04	-4296.98	-2.121e+04	2988.77
		63	65.71	-297.00	-474.24	-331.60	-439.65	70.25	-5408.02	-2.678e+04	-5462.48	-2.673e+04	1077.51
467	88	355	27.76	-195.30	-558.16	-267.17	-486.30	-144.61	-972.37	-8279.69	-1115.13	-8136.92	-1011.36
		311	19.11	-127.25	-399.61	-281.77	-245.10	134.94	-2321.57	-7904.06	-3602.62	-6623.02	-2347.41
		321	38.72	-55.42	-564.80	-277.02	-343.20	-252.53	-906.99	-1.539e+04	-3196.36	-1.310e+04	5283.04
		358	70.29	-408.50	-570.80	-454.96	-524.34	73.36	-5420.44	-2.823e+04	-5728.79	-2.793e+04	2634.28
467	106	355	21.55	-166.35	-429.10	-219.09	-376.36	-105.25	-729.47	-6489.98	-839.28	-6380.17	-787.70
		311	14.99	-97.89	-317.13	-223.80	-191.22	108.40	-1831.98	-6200.47	-2798.25	-5234.20	-1813.14
		321	29.79	-46.65	-437.37	-219.71	-264.31	-194.08	-737.42	-1.187e+04	-2472.34	-1.013e+04	4036.85
		358	54.17	-319.93	-443.27	-359.56	-403.65	57.60	-4192.51	-2.178e+04	-4425.45	-2.155e+04	2010.78
467	138	355	21.61	-168.27	-429.52	-220.88	-376.91	-104.77	-726.47	-6516.48	-837.50	-6405.46	-794.05
		311	15.04	-98.29	-318.70	-225.55	-191.44	108.88	-1829.17	-6225.86	-2798.10	-5256.93	-1822.43
		321	29.78	-46.95	-436.75	-219.45	-264.25	-193.61	-754.23	-1.188e+04	-2480.58	-1.016e+04	4028.55
		358	54.23	-319.24	-443.49	-359.29	-403.45	58.07	-4201.29	-2.181e+04	-4432.78	-2.158e+04	2005.59
468	56	311	21.24	-193.16	-442.98	-424.44	-211.70	-65.50	-2790.07	-7391.50	-3789.09	-6392.48	-1897.07
		215	38.91	265.88	-614.33	-434.24	85.79	355.09	-1798.85	-1.088e+04	-9217.29	-3465.30	3516.03
		4	29.69	493.60	-124.03	157.79	211.78	-307.63	5229.01	-3909.53	370.64	948.85	4560.11
		321	40.81	-106.85	-494.45	-191.81	-409.50	160.35	-361.56	-1.347e+04	-3141.35	-1.069e+04	5359.36
468	113	311	16.63	-163.64	-342.87	-330.14	-176.37	-46.03	-2391.43	-5745.71	-3152.74	-4984.39	-1405.01
		215	30.24	210.91	-473.79	-332.66	69.78	276.98	-1301.07	-8423.29	-7126.46	-2597.90	2748.56
		4	23.23	371.89	-93.95	111.90	166.03	-231.34	4291.11	-3033.14	348.43	909.54	3651.37
		321	31.62	-85.86	-397.34	-155.31	-327.89	129.64	-229.54	-1.031e+04	-2433.09	-8108.67	4166.78
468	145	311	16.66	-167.07	-343.13	-330.90	-179.30	-44.75	-2406.19	-5746.40	-3176.40	-4976.20	-1406.92
		215	30.36	212.91	-474.53	-332.59	70.97	278.26	-1277.25	-8443.00	-7146.98	-2573.27	2758.13
		4	23.24	370.34	-93.25	110.22	166.87	-230.06	4324.31	-3030.57	354.68	939.07	3665.81
		321	31.67	-87.41	-401.23	-157.84	-330.80	130.93	-221.76	-1.030e+04	-2430.35	-8094.44	4169.84
469	2	1	35.87	544.79	-123.10	213.85	207.84	-333.93	7292.57	-4397.98	1430.29	1464.30	5845.25
		45	41.01	122.33	-480.43	15.37	-373.47	230.28	269.01	-1.256e+04	-3821.02	-8465.72	5977.06
		230	30.45	-301.53	-394.81	-329.11	-367.22	-42.57	-8496.55	-1.064e+04	-1.000e+04	-9132.08	-977.75
		23	41.96	101.58	-467.39	-374.19	8.38	210.58	620.89	-1.301e+04	-8556.99	-3829.66	6391.14
469	122	1	27.19	405.32	-99.45	153.55	152.31	-252.38	5548.73	-3324.92	1072.62	1151.18	4436.65
		45	31.65	91.65	-386.45	7.35	-302.15	182.20	-39.52	-9677.70	-2905.41	-6811.81	4405.53
		230	23.25	-222.11	-318.09	-249.13	-291.07	-43.17	-5786.39	-8307.29	-7459.96	-6633.73	-1190.83
		23	32.78	83.49	-355.30	-279.17	7.36	166.16	250.95	-1.029e+04	-7134.87	-2906.91	4829.43
469	154	1	27.22	403.65	-99.24	152.40	152.01	-251.44	5569.42	-3333.79	1073.14	1162.49	4451.38
		45	31.67	90.44	-390.04	5.67	-305.27	183.14	-38.80	-9664.20	-2904.25	-6798.75	4401.17
		230	23.29	-223.08	-318.78	-248.42	-293.44	-42.23	-5791.94	-8332.18	-7494.79	-6629.33	-1194.13
		23	32.89	84.47	-354.97	-277.92	7.41	167.10	256.05	-1.033e+04	-7169.81	-2902.84	4843.29
470	88	45	34.14	29.08	-436.73	-90.36	-317.28	-203.40	-1007.80	-1.408e+04	-3460.72	-1.162e+04	5103.23
		416	74.12	-224.50	-648.15	-329.59	-543.05	182.97	-6164.41	-2.955e+04	-6217.79	-2.950e+04	1115.99
		109	28.29	-223.80	-479.71	-223.81	-479.69	-1.81	439.81	-8616.03	-248.05	-7928.17	-2399.16
		230	26.67	-46.77	-530.94	-202.05	-375.66	225.99	-5040.72	-1.153e+04	-7892.14	-8681.49	-3222.02
470	96	45	25.96	6.46	-330.70	-81.77	-242.48	-148.20	-739.07	-1.075e+04	-2630.32	-8861.78	3919.44
		416	57.11	-172.60	-506.36	-262.95	-416.01	148.30	-4730.30	-2.280e+04	-4766.75	-2.276e+04	810.73
		109	21.94	-183.92	-369.93	-184.06	-369.79	4.99	398.16	-6730.31	-115.84	-6216.32	-1843.85
		230	20.88	-40.43	-422.70	-169.20	-293.93	180.67	-3918.94	-8985.33	-6070.91	-6833.37	-2504.34
470	128	45	25.89	2.58	-329.51	-84.71	-242.23	-146.18	-741.20	-1.075e+04	-2625.01	-8862.79	3911.46
		416	57.14	-172.64	-508.75	-265.55	-415.84	150.32	-4728.98	-2.281e+04	-4764.78	-2.278e+04	803.74
		109	21.97	-186.56	-370.25	-186.83	-369.98	7.01	414.72	-6752.88	-103.87	-6234.30	-1856.90
		230	20.90	-40.96	-426.56	-172.17	-295.35	182.69	-3899.44	-8992.68	-6058.47	-6833.66	-2516.95
471	2	416	71.03	-239.24	-629.18	-350.19	-518.23	-175.94	-5530.56	-2.883e+04	-5748.62	-2.861e+04	2243.38
		422	88.08	-297.34	-710.70	-453.45	-554.59	200.40	-7409.51	-3.628e+04	-7410.65	-3.628e+04	-181.29
		116	25.39	-280.40	-570.68	-280.40	-570.68	-0.70	-1835.72	-7319.43	-1969.02	-7186.12	-844.54
		109	23.40	-151.47	-584.58	-243.60	-492.45	177.23	-949.60	-7610.80	-1663.27	-6897.13	-2060.24
471	99	416	54.99	-154.64	-489.35	-245.27	-398.73	-148.73	-4269.69	-2.232e+04	-4479.89	-2.211e+04	1936.54
		422	67.73	-200.04	-529.35	-306.25	-423.13	153.93	-5777.32	-2.783e+04	-5777.32	-2.783e+04	-10.89
		116	25.64	-192.83	-452.51	-196.61	-448.74	-31.09	-1975.93	-8244.30	-2044.12	-8176.10	-650.26
		109	21.57	-108.83	-443.79	-170.74	-381.88	130.02	-879.03	-7378.30	-1471.32	-6786.01	-1870.46
471	131	416	55.02	-154.53	-488.79	-244.89	-398.42	-148.46	-4270.08	-2.234e+04	-4481.98	-2.213e+04	1945.23
		422	67.77	-199.55	-529.49	-305.90	-423.14	154.20	-5779.04	-2.785e+04	-5779.04	-2.785e+04	-1.09
		116	25.67	-193.56	-453.26	-197.27	-449.55	-30.82	-1972.44	-8252.16	-2038.08	-8186.52	-638.65
		109	21.60	-109.13	-444.20	-171.35	-381.98	130.29	-881.74	-7385.58	-1466.01	-6801.31	-1859.73
472	2	422	88.15	-372.21	-687.11	-460.11	-599.21	-141.26	-7322.99	-3.603e+04	-7338.38	-3.601e+04	664.29
		339	89.89	-310.44	-757.57	-470.60	-597.41	214.38	-7313.15	-3.689e+04	-7378.92	-3.682e+04	-1393.07
		125	23.77	-263.63	-597.16	-274.93	-585.85	-60.36	-1467.27	-6305.36	-1467.52	-6305.11	-34.73
		116	24.90	-187.95	-652.28	-260.90	-579.33	168.97	-1240.36	-7122.42	-1487.28	-6875.50	-1179.60
472	102	422	67.53	-254.17	-539.22	-332.60	-460.79	-127.30	-5667.48	-2.756e+04	-5682.17	-2.754e+04	566.86

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		339	69.12	-207.20	-567.09	-317.81	-456.48	166.05	-5673.90	-2.830e+04	-5727.24	-2.825e+04	-1097.35
		125	24.60	-168.40	-473.36	-187.10	-454.66	-73.16	-1704.51	-7634.37	-1704.57	-7634.31	-19.18
		116	24.80	-125.73	-501.29	-177.26	-449.76	129.22	-1471.90	-7985.45	-1665.45	-7791.90	-1105.98
472	137	422	67.53	-227.89	-538.45	-304.21	-462.12	-133.71	-5683.83	-2.749e+04	-5700.64	-2.747e+04	605.11
		339	69.13	-190.63	-553.53	-285.84	-458.33	159.65	-5692.49	-2.822e+04	-5743.36	-2.817e+04	-1069.38
		125	24.58	-142.93	-477.87	-163.04	-457.76	-79.57	-1762.25	-7562.63	-1762.31	-7562.57	18.38
		116	24.79	-109.09	-496.16	-153.06	-452.19	122.82	-1545.49	-7908.06	-1726.41	-7727.14	-1057.53
473	2	282	27.64	-184.61	-567.61	-507.03	-245.19	-139.75	623.03	-8502.03	-8023.19	144.19	2034.74
		529	17.27	-255.63	-494.65	-397.22	-353.07	-117.45	3461.43	-1330.04	995.59	1135.80	2394.71
		52	29.61	-197.76	-553.18	-277.11	-473.83	148.01	-778.81	-9811.06	-913.63	-9676.24	1095.22
		231	25.45	-21.84	-389.10	-224.38	-186.56	-182.65	-8074.98	-9488.58	-8500.48	-9063.09	648.41
473	122	282	19.20	-134.28	-335.47	-323.58	-146.18	-47.46	917.02	-5851.53	-5276.10	341.59	1887.78
		529	11.95	-187.39	-306.30	-261.99	-231.70	-57.49	2828.16	-654.27	1186.13	987.75	1738.39
		52	19.57	-159.63	-326.21	-180.87	-304.97	-55.56	55.83	-6477.74	-223.43	-6198.48	1321.58
		231	17.93	-15.95	-275.45	-162.53	-128.86	-128.65	-5217.75	-7294.49	-6111.21	-6401.03	1028.21
473	154	282	19.27	-132.89	-330.71	-321.12	-142.47	-42.48	928.48	-5862.15	-5275.20	341.53	1908.21
		529	11.85	-191.65	-300.48	-260.31	-231.83	-52.52	2823.55	-714.44	1175.61	933.50	1764.85
		52	19.74	-161.25	-322.88	-179.05	-305.09	-50.59	58.86	-6526.62	-218.28	-6249.48	1322.25
		231	17.84	-17.65	-267.44	-159.95	-125.14	-123.68	-5211.18	-7280.93	-6094.26	-6397.85	1023.68
474	2	77	33.26	-246.21	-572.96	-554.43	-264.74	-75.58	-2119.84	-1.102e+04	-1.090e+04	-2238.95	1022.61
		530	16.95	-324.30	-489.57	-475.07	-338.79	-46.75	4097.74	1540.36	3583.68	2054.42	1024.89
		529	17.97	-259.12	-513.61	-416.78	-355.95	-123.56	4169.49	368.14	2247.59	2290.04	1900.56
		282	29.24	-216.65	-519.41	-482.03	-254.03	-99.60	-1421.15	-1.007e+04	-9435.91	-2059.13	2261.26
474	98	77	21.67	-151.73	-361.89	-360.49	-153.14	-17.11	-1374.84	-7121.46	-7007.77	-1488.53	800.26
		530	11.67	-210.56	-314.86	-312.12	-213.30	-16.68	3043.88	1090.32	2654.10	1480.10	780.72
		529	11.99	-197.45	-301.15	-271.95	-226.65	-46.65	3241.58	482.42	1807.00	1917.00	1378.48
		282	19.94	-130.34	-336.19	-312.74	-153.79	-65.40	-663.60	-6996.93	-6308.06	-1352.47	1971.88
474	130	77	21.86	-149.02	-360.22	-359.40	-149.83	-13.11	-1406.72	-7208.44	-7096.47	-1518.69	798.16
		530	11.47	-210.46	-313.03	-311.44	-212.05	-12.67	2983.36	1017.42	2563.06	1437.72	806.00
		529	11.85	-199.78	-296.46	-270.88	-225.36	-42.64	3220.11	415.95	1753.69	1882.37	1400.60
		282	20.06	-129.66	-332.03	-311.28	-150.42	-61.39	-692.24	-7041.64	-6358.94	-1374.93	1966.88
475	2	71	34.61	-277.77	-566.06	-565.50	-278.33	-12.75	-2441.52	-1.149e+04	-1.148e+04	-2448.13	244.60
		531	17.26	-333.80	-498.19	-498.06	-333.92	4.52	4163.34	1519.11	4143.97	1538.48	225.46
		530	17.19	-309.30	-503.70	-476.99	-336.02	-66.94	4072.95	1666.29	3669.11	2070.13	899.34
		77	33.42	-261.71	-557.02	-551.95	-266.77	-38.35	-2285.31	-1.112e+04	-1.099e+04	-2415.26	1063.59
475	106	71	22.29	-154.84	-372.82	-369.29	-158.38	27.54	-1597.96	-7296.59	-7288.86	-1605.70	209.85
		531	12.21	-205.34	-331.04	-328.83	-207.55	16.53	3165.38	1077.76	3127.98	1115.15	276.90
		530	11.77	-208.90	-314.38	-312.82	-210.46	-12.75	3084.44	1327.17	2793.70	1617.91	652.98
		77	21.82	-149.82	-362.68	-360.67	-151.83	-20.57	-1411.47	-7229.55	-7051.29	-1589.73	1002.68
475	138	71	22.50	-149.94	-373.25	-368.60	-154.59	31.90	-1624.46	-7386.30	-7377.33	-1633.43	227.14
		531	12.02	-202.65	-331.97	-328.50	-206.12	20.89	3086.13	1048.75	3040.91	1093.97	300.16
		530	11.60	-208.29	-312.90	-312.23	-208.96	-8.38	3034.37	1279.80	2715.39	1598.78	676.70
		77	22.02	-146.77	-360.85	-359.62	-148.01	-16.21	-1432.96	-7313.76	-7131.03	-1615.69	1020.40
476	2	42	33.43	-280.54	-547.06	-538.59	-289.01	46.75	-2108.41	-1.118e+04	-1.114e+04	-2149.10	-606.33
		532	16.79	-325.56	-491.62	-470.83	-346.35	54.96	3912.25	2270.09	3834.80	2347.54	-348.13
		531	17.39	-333.22	-497.89	-496.42	-334.68	-15.46	4219.16	1513.14	4184.50	1547.81	304.33
		71	34.76	-274.69	-569.30	-567.80	-276.19	20.97	-2508.54	-1.153e+04	-1.153e+04	-2514.29	227.59
476	106	42	21.84	-149.61	-370.76	-350.72	-169.65	63.48	-1344.21	-7314.06	-7251.35	-1406.93	-608.65
		532	11.66	-201.50	-326.80	-311.65	-216.66	40.85	2849.94	1791.16	2832.66	1808.44	-134.15
		531	12.25	-207.33	-328.33	-326.82	-208.84	13.43	3205.42	1147.03	3160.00	1192.45	302.37
		71	22.34	-155.69	-373.22	-372.17	-156.74	15.09	-1636.11	-7313.39	-7300.33	-1649.17	271.99
476	138	42	22.04	-144.41	-371.96	-350.22	-166.15	66.88	-1373.40	-7407.27	-7345.51	-1435.16	-607.32
		532	11.50	-197.95	-328.74	-311.50	-215.19	44.25	2760.24	1779.93	2742.12	1798.05	-132.04
		531	12.07	-205.03	-328.83	-326.50	-207.36	16.83	3129.19	1129.20	3075.27	1183.11	323.92
		71	22.55	-151.65	-373.11	-371.55	-153.21	18.49	-1661.68	-7403.21	-7388.65	-1676.23	288.69
477	2	31	26.99	-205.53	-515.38	-442.75	-278.16	131.25	-1660.43	-9437.45	-9031.24	-2066.64	-1730.35
		533	16.64	-254.42	-512.58	-370.38	-396.62	128.42	3501.60	30.27	1952.96	1578.91	-1725.56
		532	16.08	-336.81	-481.44	-469.21	-349.04	40.24	3688.90	1693.24	3535.98	1846.16	-530.84
		42	33.29	-264.07	-562.36	-542.26	-284.17	74.78	-2320.05	-1.113e+04	-1.110e+04	-2351.39	-524.47
477	98	31	18.73	-117.96	-354.85	-293.85	-178.96	103.58	-896.99	-6764.63	-6265.07	-1396.55	-1637.58
		533	11.65	-180.55	-319.45	-247.25	-252.75	69.40	2822.99	242.66	1569.07	1496.58	-1289.66
		532	11.15	-213.70	-319.00	-312.03	-220.68	26.19	2692.07	1217.16	2587.54	1321.69	-378.48
		42	21.79	-164.41	-361.92	-356.96	-169.36	30.90	-1537.44	-7256.39	-7215.87	-1577.96	-479.67
477	130	31	18.83	-116.35	-353.67	-293.41	-176.61	103.29	-921.73	-6809.10	-6314.47	-1416.36	-1633.22
		533	11.60	-180.16	-318.44	-247.04	-251.56	69.11	2798.94	189.27	1518.59	1469.62	-1304.60
		532	10.97	-212.76	-318.82	-312.06	-219.51	25.89	2609.22	1166.56	2490.67	1285.11	-396.19
		42	22.00	-162.21	-361.45	-356.63	-167.03	30.61	-1566.88	-7351.80	-7311.42	-1607.26	-481.62
478	2	230	22.16	-34.28	-429.70	-213.33	-250.66	196.83	-5853.54	-8706.18	-7679.33	-6880.39	-1369.24
		109	23.40	-188.74	-575.86	-263.80	-500.80	153.04	586.04	-6952.94	36.05	-6402.96	-1960.57
		533	17.44	-250.70	-494.82	-353.46	-392.06	120.52	3783.22	-600.69	1606.92	1575.61	-2191.90
		31	26.34	-178.16	-564.84	-465.46	-277.54	168.97	-450.32	-8520.30	-8285.24	-685.38	-1357.08
478	122	230	16.63	-7.60	-375.94	-171.87	-211.67	183.10	-3670.31	-6972.56	-5691.83	-4951.04	-1609.04
		109	14.88	-126.72	-368.36	-178.30	-316.78	99.01	1237.77	-4525.97	364.59	-3652.80	-2066.48

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		533	13.72	-145.45	-352.25	-244.66	-253.04	103.31	3225.95	-189.57	1328.51	1707.87	-1697.19
		31	18.72	-137.55	-384.66	-314.01	-208.20	111.66	110.83	-6247.91	-5929.11	-207.97	-1387.64
478	154	230	16.70	-5.88	-382.98	-173.50	-215.36	187.38	-3659.71	-6998.14	-5709.26	-4948.59	-1625.31
		109	14.80	-123.49	-371.25	-178.99	-315.75	103.30	1264.62	-4531.30	362.94	-3629.61	-2100.73
		533	13.90	-141.21	-356.51	-245.63	-252.09	107.60	3235.80	-235.71	1277.98	1722.11	-1721.49
		31	18.85	-136.85	-390.98	-315.90	-211.93	115.94	111.32	-6304.50	-5985.60	-207.58	-1394.38
479	2	109	24.68	-214.99	-529.30	-265.71	-478.58	115.62	-1011.71	-8163.42	-1704.87	-7470.26	-2115.85
		116	28.35	-266.62	-587.75	-279.95	-574.42	64.06	-1896.56	-8665.56	-1994.75	-8567.38	-809.31
		534	16.76	-317.92	-508.75	-326.62	-500.05	39.81	3803.00	1872.15	1949.88	3725.27	-379.55
		533	17.32	-254.73	-512.63	-356.21	-411.15	125.99	3824.39	199.32	1837.43	2186.28	-1804.12
479	97	109	16.08	-126.40	-335.12	-153.48	-308.04	70.13	-159.81	-5432.22	-1095.77	-4496.26	-2014.63
		116	16.41	-154.31	-365.68	-154.31	-365.67	-1.22	-1073.97	-4714.01	-1226.97	-4561.01	-730.41
		534	11.89	-207.44	-318.74	-207.49	-318.69	2.44	3073.64	1347.38	1397.12	3023.91	-288.77
		533	11.44	-196.42	-292.59	-226.23	-262.78	44.48	3009.59	356.90	1469.99	1896.50	-1309.09
479	129	109	16.17	-125.46	-330.59	-148.97	-307.08	65.35	-193.27	-5453.21	-1124.91	-4521.57	-2008.09
		116	16.58	-149.89	-365.77	-150.06	-365.60	-6.00	-1108.40	-4777.57	-1263.21	-4622.75	-737.61
		534	11.74	-205.17	-318.80	-205.22	-318.75	-2.34	3013.03	1275.32	1332.15	2956.20	-309.07
		533	11.26	-198.81	-287.02	-223.69	-262.13	39.70	2974.30	303.31	1412.33	1865.28	-1316.15
480	2	116	28.53	-282.38	-572.71	-284.80	-570.29	26.38	-1664.50	-8694.86	-1755.79	-8603.57	-795.93
		125	27.37	-294.32	-577.61	-295.05	-576.88	14.36	-1643.96	-8082.13	-1646.26	-8079.83	-121.61
		535	19.07	-318.90	-525.83	-319.20	-525.52	-7.96	4836.19	1694.65	1867.55	4663.29	716.43
		534	17.52	-305.53	-517.05	-321.93	-500.65	56.57	4064.68	2551.46	2588.69	4027.44	-234.43
480	97	116	16.58	-154.36	-361.83	-154.54	-361.66	6.08	-796.85	-4790.19	-990.55	-4596.48	-857.91
		125	15.11	-155.29	-368.80	-161.19	-362.90	-35.02	-885.51	-4050.01	-888.66	-4046.86	-99.87
		535	13.93	-194.85	-337.49	-199.41	-332.93	-25.09	3873.77	1345.26	1434.66	3784.37	466.99
		534	12.39	-200.32	-315.93	-200.35	-315.90	-1.70	3280.60	1997.36	2015.46	3262.50	-151.32
480	129	116	16.77	-149.62	-361.59	-149.63	-361.58	1.11	-817.31	-4855.69	-1016.77	-4656.23	-875.04
		125	15.30	-148.89	-370.54	-156.36	-363.07	-39.99	-911.46	-4115.83	-915.82	-4111.46	-118.22
		535	13.82	-190.17	-339.50	-196.50	-333.18	-30.07	3801.84	1320.07	1403.03	3718.87	446.11
		534	12.26	-196.97	-316.30	-197.34	-315.92	-6.67	3225.42	1961.19	1984.75	3201.86	-170.98
481	2	533	16.18	-268.06	-503.30	-365.90	-405.46	115.94	3253.09	-524.54	1407.45	1321.10	-1888.33
		534	16.09	-313.18	-513.45	-326.34	-500.29	49.62	3410.38	2113.97	2123.49	3400.86	-110.70
		536	19.09	-405.70	-439.98	-406.37	-439.30	4.75	5517.78	2619.09	4551.32	3585.54	1366.53
		532	15.55	-335.21	-483.11	-466.93	-351.39	46.16	3383.68	1919.23	3356.15	1946.77	-198.91
481	95	533	11.83	-180.74	-338.32	-248.83	-270.23	78.06	2793.63	444.10	1632.39	1605.34	-1174.68
		534	12.84	-213.32	-329.21	-222.32	-320.20	31.02	3501.62	1953.99	2019.44	3436.17	311.47
		536	15.38	-279.79	-289.66	-283.29	-286.16	4.72	5038.82	1852.40	3955.41	2935.81	1509.44
		532	12.77	-223.92	-328.11	-319.32	-232.70	28.95	3459.65	1729.14	3437.83	1750.96	193.10
481	127	533	11.84	-180.77	-340.52	-249.82	-271.47	79.14	2789.14	512.01	1666.74	1634.41	-1138.45
		534	12.98	-213.62	-330.61	-223.22	-321.01	32.10	3581.26	1969.23	2059.00	3491.50	369.65
		536	15.70	-280.36	-292.12	-285.25	-287.23	5.80	5193.17	1864.53	4054.49	3003.20	1579.13
		532	12.99	-224.82	-330.57	-321.22	-234.18	30.02	3564.11	1759.20	3531.31	1791.99	241.08
482	2	532	16.24	-339.38	-481.39	-465.95	-354.81	44.20	3680.25	2222.59	3581.34	2321.51	-366.60
		536	18.92	-409.39	-436.16	-409.69	-435.86	2.84	5549.24	2071.28	4593.56	3026.95	1552.57
		537	19.35	-404.61	-467.18	-461.46	-410.33	-18.04	5415.16	645.39	5387.65	672.90	361.24
		531	17.00	-336.92	-490.36	-490.26	-337.02	-3.98	4073.19	1819.86	4041.99	1851.06	263.30
482	95	532	13.12	-228.78	-326.10	-318.40	-236.48	26.27	3578.90	1895.02	3577.72	1896.20	-44.64
		536	14.85	-274.99	-285.46	-283.09	-277.36	-4.38	4748.29	849.79	3850.62	1747.47	1641.27
		537	16.26	-260.37	-329.71	-327.29	-262.80	-12.73	4811.15	-159.30	4767.16	-115.32	465.51
		531	14.96	-224.29	-342.45	-342.16	-224.58	-5.86	4343.43	1560.37	4325.44	1578.37	223.05
482	127	532	13.31	-230.40	-327.90	-320.32	-237.98	26.11	3664.15	1907.45	3664.04	1907.56	-13.77
		536	15.09	-275.33	-286.87	-284.67	-277.53	-4.54	4841.14	741.79	3920.75	1662.18	1710.52
		537	16.70	-260.74	-332.79	-330.40	-263.13	-12.89	4952.40	-236.70	4902.78	-187.08	505.00
		531	15.35	-226.06	-345.89	-345.58	-226.37	-6.02	4498.87	1584.54	4480.46	1602.95	230.91
483	56	531	17.75	-281.43	-422.38	-422.13	-281.68	-5.96	5018.34	2045.70	5010.94	2053.10	148.15
		537	19.18	-337.24	-408.51	-408.19	-337.56	-4.75	5638.85	95.53	5637.00	97.38	-101.32
		538	18.08	-347.27	-377.53	-366.37	-358.43	-14.59	5708.10	2083.82	4763.30	3028.62	-1591.09
		530	16.60	-271.53	-427.89	-412.22	-287.19	-46.95	4413.80	2009.08	4169.24	2253.65	726.84
483	95	531	14.98	-225.29	-341.59	-341.48	-225.40	-3.58	4360.46	1629.85	4352.41	1637.90	148.11
		537	16.11	-260.37	-327.95	-327.81	-260.51	-3.01	4754.06	-184.82	4743.09	-173.85	-232.45
		538	14.25	-270.56	-298.79	-293.43	-275.92	-11.06	4511.82	1079.33	3786.93	1804.22	-1400.97
		530	13.18	-217.45	-341.28	-330.07	-228.66	-35.53	3497.35	1606.63	3406.97	1697.02	403.39
483	127	531	15.36	-227.07	-345.00	-344.90	-227.17	-3.42	4515.95	1654.84	4507.62	1663.17	154.12
		537	16.54	-260.55	-331.03	-330.91	-260.66	-2.86	4892.19	-261.73	4878.41	-247.95	-266.13
		538	14.47	-271.20	-300.69	-295.86	-276.02	-10.91	4599.88	971.67	3855.17	1716.38	-1465.39
		530	13.37	-219.28	-343.84	-332.82	-230.30	-35.37	3568.82	1634.79	3494.88	1708.73	370.86
484	2	530	16.51	-318.31	-496.74	-474.25	-340.80	-59.22	3806.48	1719.38	3314.97	2210.89	885.58
		538	18.45	-400.30	-453.29	-416.62	-436.97	-24.46	5084.59	2866.34	4271.70	3679.22	-1068.83
		539	16.01	-340.54	-498.59	-365.92	-473.22	-58.02	3400.55	2428.17	2428.94	3399.78	27.38
		529	16.20	-278.79	-496.45	-407.27	-367.97	-107.04	3450.35	-146.98	1604.33	1699.04	1798.04
484	107	530	13.47	-209.02	-348.58	-328.43	-229.18	-49.06	3567.26	2028.04	3509.36	2085.94	292.87
		538	14.95	-258.17	-317.11	-293.55	-281.74	-28.88	4866.34	2157.89	3841.04	3183.19	-1313.67
		539	13.00	-229.20	-334.07	-258.49	-304.78	-47.05	3613.09	2216.78	2362.85	3467.02	-427.35

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		529	12.46	-182.65	-354.77	-289.16	-248.26	-83.60	3016.80	932.39	1996.78	1952.41	1041.97
484	139	530	13.71	-208.94	-353.34	-331.25	-231.02	-51.97	3653.67	2105.36	3614.54	2144.49	243.01
		538	15.28	-256.81	-321.84	-296.16	-282.49	-31.79	5038.43	2186.26	3952.34	3272.35	-1384.96
		539	13.21	-228.69	-338.03	-261.17	-305.55	-49.97	3731.71	2248.07	2432.00	3547.77	-488.94
		529	12.57	-182.06	-360.10	-292.04	-250.11	-86.51	3033.43	1029.04	2059.85	2002.62	1001.78
485	2	529	16.62	-260.00	-508.98	-398.37	-370.61	-123.71	3501.17	-49.29	1687.28	1764.60	1774.81
		539	16.68	-343.80	-492.73	-363.79	-472.75	-50.77	3800.10	2275.14	2430.39	3644.85	461.14
		65	36.86	-297.71	-566.25	-314.23	-549.73	-64.52	-2608.58	-1.275e+04	-2639.39	-1.272e+04	558.03
		52	30.42	-225.01	-505.13	-280.19	-449.94	-111.41	-2176.89	-1.090e+04	-2514.95	-1.056e+04	1683.56
485	122	529	11.15	-189.37	-300.86	-250.58	-239.65	-55.48	2720.76	-6.12	1360.17	1354.47	1363.44
		539	11.02	-221.41	-311.58	-228.57	-304.42	-24.39	2657.33	1433.71	1614.22	2476.82	433.92
		65	22.87	-171.09	-354.56	-172.44	-353.21	-15.69	-1675.25	-7795.77	-1747.79	-7723.24	662.33
		52	19.91	-122.54	-325.04	-159.85	-287.73	-78.50	-1130.55	-7309.45	-1701.15	-6738.85	1788.89
485	154	529	11.05	-189.82	-296.15	-246.71	-239.27	-53.04	2691.12	-115.00	1288.57	1287.56	1403.06
		539	10.76	-219.37	-311.00	-224.96	-305.40	-21.95	2560.85	1301.42	1527.63	2334.64	483.45
		65	23.20	-164.84	-354.53	-165.77	-353.61	-13.24	-1730.89	-7934.34	-1805.54	-7859.69	676.39
		52	20.06	-118.57	-321.30	-152.92	-286.94	-76.05	-1173.10	-7371.00	-1743.97	-6800.13	1792.28
486	2	539	17.13	-327.90	-504.44	-360.47	-471.86	-68.48	3901.75	2677.93	2758.51	3821.17	303.52
		540	18.59	-352.31	-514.60	-353.47	-513.43	-13.69	4709.93	1640.21	1723.00	4627.14	-497.30
		295	38.16	-337.52	-564.97	-340.66	-561.84	-26.51	-2549.08	-1.321e+04	-2550.44	-1.321e+04	120.79
		65	36.90	-313.31	-550.43	-317.90	-545.83	-32.70	-2513.96	-1.277e+04	-2545.23	-1.274e+04	565.53
486	122	539	11.34	-214.69	-309.51	-221.18	-303.01	-23.95	2745.63	1907.57	2021.73	2631.48	287.46
		540	12.23	-215.03	-328.69	-215.48	-328.24	-7.13	3159.84	1099.22	1117.82	3141.25	-194.86
		295	23.46	-178.91	-355.48	-179.11	-355.28	5.89	-1572.33	-7975.93	-1583.36	-7964.90	265.52
		65	22.92	-162.70	-349.66	-166.32	-346.04	-25.77	-1495.22	-7845.00	-1594.40	-7745.82	787.38
486	154	539	11.10	-211.06	-309.21	-216.48	-303.79	-22.43	2660.34	1809.78	1973.19	2496.94	335.09
		540	11.88	-210.57	-329.51	-210.83	-329.24	-5.60	2981.01	1050.85	1062.04	2969.83	-146.49
		295	23.88	-169.80	-355.76	-170.10	-355.46	7.41	-1622.76	-8148.52	-1635.60	-8135.68	289.16
		65	23.26	-154.19	-348.99	-157.26	-345.92	-24.25	-1535.82	-7983.20	-1639.30	-7879.71	810.24
487	55	538	17.98	-341.74	-378.98	-357.43	-363.28	-18.39	5650.11	2483.43	4343.25	3790.29	-1559.02
		541	16.63	-345.31	-399.05	-345.32	-399.05	-0.60	4714.94	376.07	1132.27	3958.73	-1645.98
		540	19.33	-304.08	-423.70	-306.73	-421.04	-17.62	5862.56	1893.55	2046.88	5709.23	-764.89
		539	16.85	-304.64	-411.96	-326.75	-389.86	-43.40	4567.08	3096.22	3131.79	4531.51	-225.93
487	123	538	14.44	-262.71	-309.80	-291.43	-281.08	-22.97	4697.34	1609.66	3165.31	3141.68	-1543.79
		541	14.13	-279.19	-312.57	-282.10	-309.65	-9.43	4265.30	216.29	950.95	3530.64	-1560.42
		540	15.73	-254.34	-334.40	-260.90	-327.83	-21.96	4932.14	1529.88	1736.11	4725.92	-811.84
		539	13.40	-244.70	-333.51	-275.40	-302.81	-42.23	3792.50	2283.91	2451.28	3625.13	-473.79
487	155	538	14.69	-262.81	-313.37	-294.80	-281.39	-24.38	4830.98	1546.47	3164.34	3213.11	-1642.07
		541	14.50	-281.44	-314.33	-285.51	-310.26	-10.83	4435.39	181.42	960.34	3656.46	-1645.24
		540	16.05	-258.21	-336.51	-265.96	-328.76	-23.37	5089.56	1553.81	1783.99	4859.38	-872.29
		539	13.61	-246.80	-337.09	-280.40	-303.48	-43.64	3914.60	2278.29	2488.66	3704.23	-547.70
488	2	540	18.16	-350.20	-514.29	-355.74	-508.74	-29.65	4533.03	741.81	821.25	4453.60	-542.99
		542	20.04	-350.67	-543.29	-351.54	-542.42	12.90	4976.08	404.00	405.87	4974.21	-92.35
		365	37.30	-365.22	-554.78	-365.39	-554.61	5.65	-2731.66	-1.298e+04	-2732.22	-1.298e+04	-75.39
		295	37.86	-335.27	-560.94	-335.36	-560.85	4.53	-2904.99	-1.316e+04	-2906.58	-1.316e+04	127.96
488	122	540	12.12	-215.30	-327.20	-215.85	-326.66	-7.78	3095.79	571.85	602.52	3065.12	-276.51
		542	13.21	-210.12	-343.81	-210.38	-343.56	5.79	3354.55	196.59	200.54	3350.60	111.70
		365	22.96	-188.25	-351.12	-191.75	-347.62	23.63	-1768.12	-7886.86	-1768.42	-7886.56	43.16
		295	23.34	-172.54	-358.22	-172.90	-357.87	-8.11	-1863.32	-7976.42	-1884.09	-7955.65	355.71
488	154	540	11.78	-210.61	-328.08	-211.06	-327.63	-7.23	2920.85	546.02	569.03	2897.84	-232.63
		542	12.79	-205.13	-344.16	-205.42	-343.87	6.34	3150.38	151.67	159.10	3142.94	149.16
		365	23.44	-178.45	-350.41	-181.92	-346.94	24.18	-1828.86	-8098.49	-1829.48	-8097.87	62.60
		295	23.75	-162.95	-358.23	-163.25	-357.94	-7.56	-1913.70	-8150.01	-1937.13	-8126.59	381.46
489	56	541	16.25	-330.60	-398.16	-330.70	-398.06	2.65	4287.28	-720.03	-230.62	3797.87	-1486.98
		543	16.18	-300.11	-432.07	-302.95	-429.23	19.15	3915.25	-568.13	-567.53	3914.65	-51.87
		542	21.06	-304.20	-445.17	-305.00	-444.38	10.57	6180.89	508.58	530.76	6158.71	-354.01
		540	18.95	-312.09	-422.95	-315.41	-419.63	-18.90	5610.55	963.86	1061.85	5512.56	-667.63
489	123	541	13.57	-270.91	-308.69	-270.91	-308.69	0.19	3765.56	-562.19	-189.41	3392.78	-1214.23
		543	12.99	-249.27	-339.60	-251.24	-337.63	13.19	3198.89	-529.86	-526.34	3195.37	-114.60
		542	16.29	-260.91	-351.43	-261.45	-350.89	6.96	4776.76	428.72	465.89	4739.60	-400.26
		540	15.38	-263.81	-331.05	-267.84	-327.03	-15.95	4694.03	782.89	919.67	4557.25	-718.52
489	155	541	13.89	-274.16	-309.26	-274.16	-309.26	0.21	3894.63	-593.53	-211.01	3512.11	-1253.19
		543	13.17	-252.70	-341.31	-254.71	-339.29	13.20	3262.42	-563.79	-559.56	3258.19	-127.15
		542	16.48	-266.31	-353.50	-266.87	-352.93	6.98	4854.59	438.66	480.87	4812.38	-429.66
		540	15.69	-268.75	-332.27	-273.04	-327.98	-15.94	4840.57	792.97	947.03	4686.52	-774.48
490	2	542	19.88	-349.85	-540.11	-349.85	-540.11	0.11	4995.96	832.69	845.73	4982.93	-232.57
		544	20.76	-341.83	-567.80	-344.11	-565.52	22.59	5177.43	911.52	911.53	5177.42	7.27
		25	37.01	-376.23	-560.99	-376.28	-560.94	3.12	-2628.45	-1.280e+04	-2628.66	-1.280e+04	45.61
		365	37.32	-361.78	-560.24	-365.29	-556.74	26.15	-2573.61	-1.293e+04	-2574.40	-1.293e+04	90.89
490	118	542	13.02	-214.26	-343.75	-214.71	-343.30	7.66	3342.27	579.58	583.12	3338.73	-98.85
		544	13.38	-209.12	-351.73	-209.35	-351.50	5.71	3445.87	626.55	631.43	3441.00	117.15
		25	22.64	-197.35	-346.92	-199.18	-345.09	16.45	-1677.80	-7765.52	-1678.55	-7764.77	67.72
		365	22.89	-193.56	-346.44	-193.60	-346.40	2.64	-1617.00	-7846.10	-1626.22	-7836.88	239.51

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
490	154	542	12.61	-209.52	-344.56	-210.29	-343.79	10.13	3140.39	548.12	549.89	3138.62	-67.74
		544	12.93	-204.23	-351.57	-204.68	-351.11	8.17	3236.61	588.10	595.72	3229.00	141.81
		25	23.13	-186.56	-345.83	-188.84	-343.55	18.91	-1736.73	-7983.20	-1738.23	-7981.70	96.58
		365	23.38	-183.31	-346.16	-183.47	-346.00	5.11	-1673.09	-8052.91	-1683.93	-8042.07	262.72
491	56	543	15.36	-295.38	-433.28	-300.07	-428.59	24.99	3709.43	191.96	199.58	3701.82	-163.44
		545	16.40	-277.23	-472.13	-281.35	-468.01	28.02	3887.08	668.85	685.97	3869.96	-234.07
		544	21.81	-296.23	-469.00	-298.07	-467.16	17.74	6423.32	1046.72	1046.90	6423.14	-31.33
		542	21.01	-308.55	-443.47	-309.11	-442.91	8.65	6281.38	1011.90	1019.04	6274.24	-193.77
491	119	543	12.45	-231.64	-344.35	-240.40	-335.59	30.18	3092.44	248.97	257.78	3083.63	-158.07
		545	13.23	-221.98	-384.66	-229.01	-377.63	33.08	3110.60	521.59	543.37	3088.81	-236.49
		544	16.83	-249.44	-385.17	-254.50	-380.10	25.73	4798.66	729.92	734.14	4794.44	-130.95
		542	16.26	-256.21	-352.67	-259.66	-349.22	17.92	4815.53	742.33	753.28	4804.58	-210.91
491	151	543	12.63	-232.06	-346.98	-242.06	-336.98	32.39	3163.86	262.46	271.79	3154.53	-164.25
		545	13.42	-223.34	-389.57	-231.21	-381.71	35.28	3158.64	528.20	551.75	3135.09	-247.77
		544	17.01	-253.57	-390.67	-259.51	-384.72	27.93	4843.99	724.91	730.44	4838.46	-150.85
		542	16.45	-259.70	-355.58	-264.13	-351.15	20.12	4885.58	742.51	754.85	4873.24	-225.77
492	2	544	20.78	-341.67	-567.88	-341.96	-567.58	8.16	5150.56	798.83	803.03	5146.36	-135.07
		546	21.74	-333.96	-590.18	-334.48	-589.67	11.47	5377.23	701.79	708.75	5370.27	180.21
		46	37.44	-382.24	-572.00	-382.70	-571.55	-9.30	-2720.82	-1.293e+04	-2721.65	-1.293e+04	91.80
		25	36.95	-373.26	-562.31	-377.08	-558.49	26.60	-2621.59	-1.278e+04	-2622.84	-1.278e+04	112.98
492	118	544	13.48	-212.95	-357.21	-214.71	-355.45	15.85	3433.42	537.50	539.66	3431.26	-79.09
		546	14.12	-209.53	-363.31	-209.57	-363.26	2.62	3651.44	500.78	507.38	3644.84	144.09
		46	22.81	-204.45	-349.81	-205.56	-348.70	12.67	-1739.69	-7836.98	-1739.92	-7836.76	36.80
		25	22.62	-203.09	-343.61	-203.46	-343.24	7.23	-1667.48	-7781.76	-1673.50	-7775.74	191.73
492	150	544	13.00	-210.04	-356.66	-211.80	-354.90	15.97	3212.09	501.84	504.13	3209.80	-78.73
		546	13.63	-206.41	-361.71	-206.45	-361.66	2.74	3435.92	466.76	473.16	3429.52	137.66
		46	23.26	-194.60	-346.90	-195.69	-345.82	12.79	-1797.97	-8057.01	-1798.13	-8056.86	30.97
		25	23.11	-193.44	-341.73	-193.81	-341.37	7.34	-1726.70	-8008.08	-1732.83	-8001.95	196.09
493	56	545	16.76	-273.78	-476.60	-279.71	-470.68	34.16	3968.02	425.66	461.56	3932.12	-354.81
		547	18.71	-260.90	-513.87	-261.21	-513.55	8.89	4417.21	163.86	167.12	4413.96	-117.59
		546	22.74	-292.07	-488.52	-292.28	-488.32	6.36	6633.57	932.85	935.88	6630.54	131.36
		544	21.79	-297.52	-470.13	-299.15	-468.50	16.67	6402.90	1010.17	1010.22	6402.85	16.44
493	119	545	13.52	-204.82	-383.38	-211.79	-376.40	34.59	3142.80	160.06	207.85	3095.01	-374.52
		547	15.66	-199.33	-422.50	-200.63	-421.20	16.98	3687.64	38.43	44.37	3681.71	-147.10
		546	18.20	-244.94	-409.23	-246.37	-407.81	15.21	5178.21	699.63	701.69	5176.15	95.96
		544	16.79	-245.18	-383.28	-248.61	-379.85	21.49	4783.44	709.41	709.57	4783.28	-25.67
493	151	545	13.72	-203.29	-387.36	-210.81	-379.85	36.43	3186.50	129.06	181.53	3134.03	-397.08
		547	16.00	-198.65	-428.91	-200.20	-427.36	18.82	3774.10	20.72	27.31	3767.50	-157.23
		546	18.52	-248.85	-416.64	-250.60	-414.89	17.05	5269.61	709.01	711.21	5267.41	100.20
		544	16.96	-248.29	-388.22	-252.29	-384.21	23.33	4828.09	710.64	710.89	4827.84	-32.06
494	56	345	13.73	-255.14	-438.52	-255.45	-438.21	7.44	3244.01	674.14	1507.50	2410.65	-1202.97
		196	11.15	-287.37	-380.39	-287.97	-379.79	-7.44	380.90	-2864.70	-2664.09	180.29	-781.57
		376	19.01	-197.41	-458.97	-213.69	-442.69	63.18	-2318.54	-5537.73	-2411.79	-5444.48	-539.89
		151	24.61	-255.76	-472.53	-265.08	-463.21	-43.99	-1014.73	-7525.95	-1168.74	-7371.93	-989.50
494	119	345	8.59	-177.63	-356.44	-180.67	-353.40	23.14	1527.66	209.80	980.27	757.19	-649.42
		196	8.87	-205.74	-328.04	-206.85	-326.93	11.60	-574.60	-2193.64	-1983.58	-784.66	-544.03
		376	16.27	-127.20	-389.48	-144.71	-371.96	65.48	-2105.05	-4739.14	-2152.22	-4691.97	-349.32
		151	19.88	-175.24	-370.30	-176.37	-369.17	-14.83	-1217.44	-6206.84	-1265.73	-6158.55	-488.44
494	151	345	8.27	-172.62	-361.06	-176.61	-357.07	27.11	1395.26	110.81	952.48	553.59	-610.47
		196	9.10	-201.67	-335.84	-203.50	-334.00	15.58	-739.73	-2234.04	-2006.23	-967.54	-537.14
		376	16.81	-120.76	-397.31	-139.47	-378.61	69.45	-2203.01	-4930.76	-2244.75	-4889.02	-334.83
		151	20.38	-169.90	-373.01	-170.48	-372.43	-10.86	-1322.13	-6414.50	-1360.88	-6375.75	-442.49
495	2	548	21.85	-335.64	-577.02	-336.17	-576.48	-11.38	5611.94	1178.09	1178.15	5611.88	16.72
		549	21.24	-330.26	-551.96	-332.20	-550.02	20.63	5589.32	1627.82	1632.78	5584.36	-140.08
		283	36.29	-384.49	-574.10	-384.59	-573.99	-4.40	-2275.06	-1.232e+04	-2275.71	-1.232e+04	80.58
		18	37.93	-384.12	-592.42	-384.33	-592.21	6.61	-2780.19	-1.299e+04	-2784.63	-1.298e+04	212.90
495	116	548	14.64	-212.12	-362.10	-213.98	-360.23	16.63	3962.22	879.06	890.29	3950.99	-185.76
		549	14.59	-209.09	-355.83	-212.08	-352.84	20.73	4023.59	1150.18	1179.14	3994.63	-287.01
		283	22.09	-206.22	-367.90	-211.14	-362.98	27.77	-1368.73	-7350.13	-1380.85	-7338.01	-268.98
		18	22.95	-210.52	-368.67	-210.78	-368.41	6.47	-1774.27	-7756.88	-1774.27	-7756.88	5.10
495	148	548	14.27	-208.35	-361.86	-210.46	-359.75	17.85	3783.05	826.04	843.50	3765.59	-226.58
		549	14.29	-205.50	-356.57	-208.76	-353.31	21.95	3868.13	1093.61	1133.27	3828.48	-329.33
		283	22.48	-196.79	-367.39	-201.87	-362.31	28.99	-1416.91	-7520.19	-1431.89	-7505.21	-301.99
		18	23.36	-200.95	-367.07	-201.31	-366.72	7.70	-1828.92	-7943.35	-1829.03	-7943.24	-26.27
496	68	151	25.43	-259.11	-446.12	-279.40	-425.84	58.15	-1171.70	-8397.89	-1207.99	-8361.60	-510.80
		376	31.45	-194.81	-634.23	-201.87	-627.17	55.23	-3355.28	-9750.31	-3452.45	-9653.14	-782.28
		547	19.36	-266.25	-508.71	-266.26	-508.71	0.86	4760.78	183.67	203.36	4741.09	-299.57
		545	16.02	-271.50	-494.84	-279.22	-487.11	40.81	3454.98	253.89	290.22	3418.64	-339.11
496	119	151	22.00	-164.50	-368.90	-188.28	-345.12	65.54	-1402.76	-7421.74	-1421.53	-7402.96	-335.67
		376	27.79	-135.21	-544.49	-145.63	-534.07	64.46	-3019.97	-8701.49	-3061.62	-8659.84	-484.67
		547	11.62	-211.10	-460.90	-214.26	-457.74	27.92	1527.74	-434.94	-397.20	1489.99	-269.55
		545	9.59	-197.40	-407.68	-212.31	-392.76	53.98	1088.76	-339.45	-256.12	1005.42	-334.77
496	151	151	22.79	-156.71	-374.95	-182.64	-349.03	70.61	-1523.89	-7747.97	-1540.78	-7731.07	-323.81

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		376	28.96	-130.42	-559.53	-142.00	-547.95	69.53	-3162.78	-9115.00	-3199.13	-9078.65	-463.69
		547	11.07	-211.36	-476.77	-215.53	-472.60	32.99	1122.87	-563.14	-515.42	1075.15	-279.61
		545	9.13	-194.47	-414.82	-211.63	-397.66	59.05	790.68	-465.06	-355.67	681.29	-354.12
497	56	550	19.24	-290.25	-462.08	-290.49	-461.84	6.39	5365.65	1401.36	1402.29	5364.72	60.76
		551	18.64	-295.52	-443.98	-297.81	-441.68	18.32	5289.17	1795.68	1798.97	5285.89	107.06
		549	22.31	-298.62	-464.35	-302.08	-460.89	23.69	6847.05	2139.26	2142.44	6843.88	-122.18
		548	22.46	-304.53	-477.04	-304.83	-476.75	7.13	6726.35	1472.58	1475.39	6723.54	121.33
497	113	550	15.45	-230.52	-369.83	-230.55	-369.80	-2.16	4317.89	1151.55	1159.39	4310.05	157.36
		551	15.26	-234.09	-348.20	-234.51	-347.78	6.90	4446.72	1468.15	1480.19	4434.68	189.01
		549	17.60	-249.52	-365.63	-250.60	-364.55	11.13	5414.97	1695.95	1697.74	5413.18	81.46
		548	17.49	-254.31	-383.94	-254.35	-383.90	-2.16	5154.13	1165.71	1183.75	5136.09	267.64
497	145	550	15.66	-231.74	-373.11	-231.84	-373.02	-3.69	4387.93	1173.43	1183.82	4377.54	182.45
		551	15.52	-235.24	-349.70	-235.50	-349.45	5.37	4555.55	1497.97	1513.08	4540.44	214.45
		549	17.86	-253.66	-367.62	-254.47	-366.80	9.60	5522.88	1727.49	1731.27	5519.10	119.80
		548	17.71	-258.42	-387.80	-258.52	-387.70	-3.69	5227.02	1186.49	1209.78	5203.73	305.86
498	2	549	21.12	-337.07	-550.92	-337.39	-550.60	8.26	5425.38	705.19	723.87	5406.70	-296.34
		8	19.41	-312.23	-502.21	-333.69	-480.74	60.14	5208.96	1465.16	1488.94	5185.18	-297.39
		399	32.06	-348.97	-535.32	-352.63	-531.66	25.86	-2287.82	-1.075e+04	-2289.20	-1.075e+04	-108.37
		283	36.17	-379.31	-572.81	-380.29	-571.83	13.74	-2735.85	-1.236e+04	-2743.49	-1.235e+04	271.00
498	116	549	14.79	-209.03	-360.52	-212.92	-356.63	23.97	3945.53	402.36	457.36	3890.54	-438.00
		8	13.83	-200.22	-333.43	-211.72	-321.93	37.41	3861.81	1052.75	1107.67	3806.89	-388.94
		399	19.81	-182.16	-359.25	-191.83	-349.57	40.24	-1396.47	-6477.28	-1449.91	-6423.83	-518.35
		283	22.02	-210.89	-364.33	-211.00	-364.22	4.08	-1762.80	-7378.50	-1762.83	-7378.46	-13.59
498	148	549	14.50	-205.39	-360.86	-209.23	-357.02	24.11	3790.18	328.46	397.10	3721.54	-482.59
		8	13.63	-196.94	-334.08	-208.14	-322.89	37.55	3748.66	986.94	1055.72	3679.88	-430.37
		399	20.11	-173.88	-358.87	-183.16	-349.59	40.38	-1435.81	-6607.15	-1493.74	-6549.22	-544.26
		283	22.40	-202.10	-363.79	-202.21	-363.68	4.22	-1814.66	-7546.18	-1814.97	-7545.86	-42.61
499	56	551	18.57	-290.21	-449.55	-295.34	-444.42	28.12	5134.73	860.07	861.10	5133.71	66.17
		11	16.58	-290.83	-418.08	-308.84	-400.08	44.35	4665.11	1417.29	1439.94	4642.47	270.25
		8	20.27	-279.71	-440.41	-300.94	-419.18	54.42	6158.09	1884.81	1902.14	6140.76	-271.60
		549	22.09	-301.04	-466.99	-305.37	-462.66	26.46	6582.50	1015.90	1016.71	6581.68	-67.37
499	113	551	15.20	-232.77	-354.60	-236.79	-350.58	21.75	4340.72	811.18	823.66	4328.24	209.53
		11	13.82	-230.65	-323.04	-245.34	-308.35	33.79	4125.82	1202.81	1253.92	4074.71	383.13
		8	16.16	-231.18	-343.30	-249.90	-324.58	41.82	5037.75	1609.95	1609.98	5037.72	10.45
		549	17.42	-251.20	-369.97	-254.75	-366.42	20.24	5243.57	961.91	966.05	5239.43	133.09
499	145	551	15.46	-234.73	-356.34	-238.64	-352.43	21.46	4451.17	842.38	859.04	4434.52	244.59
		11	14.10	-232.13	-323.13	-246.83	-308.42	33.50	4266.28	1233.03	1294.11	4205.20	426.08
		8	16.43	-234.69	-344.13	-253.79	-325.04	41.53	5171.80	1662.20	1663.16	5170.84	58.18
		549	17.68	-255.49	-372.26	-259.00	-368.74	19.95	5355.24	1007.51	1014.41	5348.34	173.15
500	2	8	19.93	-313.31	-499.29	-329.21	-483.39	52.01	5444.94	2272.02	2364.94	5352.02	-534.97
		12	17.50	-262.42	-463.47	-347.22	-378.67	99.29	4629.29	2036.19	2499.84	4165.64	-993.64
		355	26.16	-270.54	-497.20	-322.85	-444.88	95.50	-1415.45	-8848.52	-1599.89	-8664.08	-1156.25
		399	32.26	-343.54	-555.26	-354.66	-544.14	47.24	-1888.26	-1.064e+04	-1888.37	-1.064e+04	31.77
500	116	8	14.07	-199.09	-338.60	-213.03	-324.66	41.84	3945.01	1364.53	1481.30	3828.24	-536.36
		12	11.77	-192.95	-292.58	-227.75	-257.78	47.50	3239.15	1409.68	1739.21	2909.61	-703.05
		355	17.09	-147.48	-339.90	-187.13	-300.24	77.83	-670.38	-5861.34	-1105.31	-5426.41	-1438.25
		399	19.62	-203.36	-356.24	-205.68	-353.92	18.69	-1156.84	-6293.24	-1174.19	-6275.89	-298.04
500	148	8	13.85	-197.14	-338.63	-210.03	-325.73	40.73	3826.98	1257.45	1390.83	3693.60	-570.03
		12	11.58	-192.14	-290.85	-224.65	-258.34	46.39	3162.35	1304.17	1655.84	2810.67	-727.88
		355	17.31	-142.89	-337.51	-180.34	-300.06	76.72	-724.16	-5955.21	-1159.71	-5519.66	-1445.23
		399	19.93	-197.03	-356.24	-199.00	-354.28	17.58	-1216.58	-6423.90	-1235.64	-6404.84	-314.45
501	56	11	16.64	-282.92	-424.36	-308.36	-398.92	54.32	4651.35	2251.97	2294.79	4608.53	317.68
		13	14.62	-286.57	-388.80	-335.56	-339.81	51.07	4286.01	1839.78	2339.55	3786.24	986.30
		12	16.76	-244.92	-411.84	-315.84	-340.92	82.51	4720.26	2682.05	2831.77	4570.54	-531.74
		8	21.42	-278.71	-447.54	-305.01	-421.24	61.22	6700.75	2826.99	2839.41	6688.33	-218.99
501	113	11	13.89	-214.72	-339.04	-246.34	-307.42	54.14	4192.19	1867.20	1990.95	4068.45	521.91
		13	11.97	-214.16	-315.87	-266.93	-263.10	50.82	3745.06	1398.29	1988.55	3154.80	1018.23
		12	13.17	-186.96	-337.65	-258.87	-265.74	75.26	3655.10	2372.04	2389.83	3637.31	-150.05
		8	17.17	-217.39	-358.18	-249.79	-325.78	59.27	5473.93	2489.95	2490.23	5473.64	29.12
501	145	11	14.19	-213.88	-341.75	-248.09	-307.54	56.60	4353.62	1909.93	2059.02	4204.53	584.89
		13	12.18	-212.55	-319.26	-268.68	-263.13	53.28	3875.50	1394.38	2043.69	3226.20	1090.60
		12	13.34	-186.47	-341.97	-262.16	-266.27	77.72	3720.93	2461.12	2468.61	3713.45	-96.81
		8	17.46	-217.87	-361.30	-253.08	-326.09	61.73	5616.16	2580.21	2581.93	5614.45	72.14
502	2	12	18.15	-250.58	-451.59	-415.25	-286.93	77.36	5094.05	2529.55	3757.31	3866.29	-1281.09
		163	14.10	-253.15	-432.33	-428.09	-257.39	-27.24	2089.01	-2418.10	-1598.16	1269.08	-1738.75
		311	16.48	-50.06	-442.57	-434.16	-58.47	56.84	-1465.55	-5928.00	-1727.71	-5665.83	-1049.36
		355	26.49	-239.64	-541.79	-416.67	-364.75	148.83	-791.36	-8748.44	-1026.88	-8512.92	1348.55
502	116	12	12.74	-185.55	-284.79	-261.88	-208.46	41.82	3750.43	1996.03	3011.10	2735.36	-866.29
		163	9.00	-174.19	-291.32	-256.03	-209.48	-53.74	1490.06	-1321.94	-778.83	946.95	-1110.07
		311	13.17	-54.96	-312.13	-301.36	-65.73	51.53	-779.20	-4835.82	-1187.29	-4427.73	-1220.21
		355	17.58	-184.44	-339.94	-262.82	-261.56	77.75	62.80	-5747.29	22.75	-5707.24	480.75
502	148	12	12.62	-189.03	-277.63	-254.91	-211.76	38.69	3741.33	1945.36	3046.13	2640.56	-874.79
		163	8.97	-171.50	-290.99	-249.55	-212.94	-56.87	1490.45	-1312.35	-742.88	920.98	-1127.75

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		311	13.00	-59.22	-306.43	-296.56	-69.09	48.40	-786.70	-4839.64	-1191.68	-4434.67	-1215.46
		355	17.81	-187.20	-336.58	-258.59	-265.19	74.62	50.98	-5819.31	7.15	-5775.47	505.38
503	2	163	10.44	-164.03	-467.22	-344.45	-286.80	148.83	1628.96	-1383.57	-1361.88	1607.27	-254.71
		166	69.07	-47.24	-742.53	-495.58	-294.19	332.74	-5669.99	-2.690e+04	-2.676e+04	-5813.35	1738.85
		215	32.57	46.60	-283.90	-274.70	37.40	-54.37	-2729.54	-1.325e+04	-1.130e+04	-4682.23	4091.20
		311	21.14	-3.82	-603.99	-377.05	-230.76	291.03	-2143.98	-7224.63	-5116.76	-4251.84	-2503.24
503	121	163	10.05	-146.19	-332.11	-282.92	-195.38	82.01	1067.22	-1852.03	-1847.77	1062.96	111.41
		166	53.43	-29.95	-554.32	-379.05	-205.23	247.36	-4433.07	-2.080e+04	-2.067e+04	-4572.73	1505.68
		215	25.72	36.50	-221.63	-213.12	27.98	-46.11	-2164.69	-1.050e+04	-9013.75	-3652.47	3192.15
		311	16.94	6.98	-460.33	-273.58	-179.77	228.90	-1266.02	-5578.16	-4046.21	-2797.96	-2063.76
503	153	163	10.14	-144.51	-332.84	-282.91	-194.44	83.13	1079.98	-1865.70	-1858.81	1073.09	142.24
		166	53.51	-26.31	-553.86	-378.60	-201.57	248.48	-4443.81	-2.083e+04	-2.068e+04	-4589.08	1535.88
		215	25.80	39.20	-220.43	-212.39	31.15	-44.99	-2167.93	-1.053e+04	-9032.67	-3663.03	3203.66
		311	16.93	8.44	-461.13	-273.41	-179.28	230.02	-1274.10	-5568.25	-4059.24	-2783.12	-2050.08
504	55	537	23.00	-319.39	-401.16	-395.74	-324.81	-20.35	7480.15	462.02	7471.07	471.10	-252.25
		199	25.56	-344.36	-533.69	-503.16	-374.90	69.63	-3757.98	-9136.47	-4160.04	-8734.41	-1414.50
		541	20.29	-274.26	-410.80	-275.15	-409.91	-10.99	6328.31	324.59	1387.58	5265.33	-2291.71
		538	17.61	-369.29	-385.35	-385.24	-369.40	1.30	5281.05	711.70	3757.75	2234.99	-2154.08
504	95	537	16.27	-255.30	-342.99	-342.17	-256.12	-8.44	4697.69	-197.92	4676.44	-176.66	-321.86
		199	20.75	-270.22	-440.14	-418.79	-291.57	56.32	-3264.96	-7421.32	-3545.86	-7140.42	-1043.37
		541	13.45	-228.97	-312.32	-229.00	-312.29	-1.70	3783.37	-540.42	585.49	2657.45	-1897.51
		538	13.27	-282.78	-310.60	-309.23	-284.14	6.00	3724.42	-258.64	2359.65	1106.14	-1890.34
504	127	537	16.20	-256.68	-350.55	-350.02	-257.22	-7.05	4567.29	-330.55	4541.65	-304.91	-353.41
		199	21.31	-270.87	-447.95	-426.55	-292.26	57.71	-3422.95	-7664.09	-3703.51	-7383.54	-1054.12
		541	13.24	-231.84	-311.96	-231.84	-311.96	-0.31	3643.41	-731.38	485.97	2426.05	-1960.54
		538	13.40	-282.45	-313.99	-312.15	-284.29	7.39	3713.39	-441.19	2282.66	989.54	-1974.10
505	88	223	45.14	-95.69	-247.30	-236.34	-106.65	-39.26	-2588.25	-1.285e+04	-2589.30	-1.285e+04	103.74
		552	44.59	-108.56	-242.92	-242.66	-108.82	5.87	-1952.87	-1.254e+04	-1985.31	-1.251e+04	-585.22
		226	135.99	-132.06	-267.05	-267.05	-132.07	0.66	3.924e+04	7907.77	7908.31	3.924e+04	-130.72
		213	134.55	-118.20	-265.01	-261.59	-121.62	-22.13	3.887e+04	7797.74	7797.88	3.887e+04	66.41
505	118	223	31.94	-71.94	-176.50	-165.45	-82.98	-32.14	-1838.33	-9046.41	-1840.77	-9043.97	132.61
		552	31.79	-84.40	-170.98	-170.91	-84.47	2.43	-1353.39	-8882.12	-1374.88	-8860.64	-401.64
		226	107.28	-94.95	-158.38	-158.38	-94.95	0.22	3.092e+04	6239.80	6239.93	3.092e+04	-57.45
		213	106.47	-81.93	-159.40	-154.10	-87.23	-19.57	3.072e+04	6172.61	6172.66	3.072e+04	35.58
505	150	223	31.33	-71.56	-173.57	-161.90	-83.23	-32.46	-1805.28	-8863.12	-1808.02	-8860.38	139.09
		552	31.24	-84.43	-167.36	-167.31	-84.48	2.11	-1320.54	-8713.48	-1341.64	-8692.39	-394.37
		226	107.91	-93.82	-147.49	-147.49	-93.82	-0.11	3.109e+04	6276.05	6276.16	3.109e+04	-51.10
		213	107.16	-80.04	-149.52	-143.26	-86.30	-19.89	3.090e+04	6211.93	6211.98	3.090e+04	32.47
506	2	224	104.67	-58.04	-210.32	-197.51	-70.84	-42.26	-5664.11	-3.026e+04	-5664.13	-3.026e+04	-21.73
		553	104.81	-74.19	-193.75	-193.74	-74.20	0.95	-5590.15	-3.025e+04	-5603.70	-3.024e+04	-577.74
		552	45.31	-96.67	-259.43	-259.40	-96.69	1.82	-2093.68	-1.289e+04	-2093.79	-1.289e+04	-35.79
		223	45.85	-80.74	-263.62	-253.71	-90.65	-41.39	-2573.87	-1.314e+04	-2595.01	-1.312e+04	-472.04
506	119	224	81.32	-42.43	-142.74	-133.98	-51.18	-28.31	-4447.77	-2.351e+04	-4448.00	-2.351e+04	-65.19
		553	81.47	-53.65	-130.89	-130.77	-53.77	3.08	-4361.71	-2.351e+04	-4371.67	-2.350e+04	-436.50
		552	35.61	-76.51	-203.58	-203.52	-76.57	2.73	-1653.78	-1.013e+04	-1654.06	-1.012e+04	-49.33
		223	36.00	-66.15	-205.44	-199.99	-71.60	-27.00	-2026.66	-1.032e+04	-2046.32	-1.030e+04	-403.33
506	151	224	81.54	-41.88	-139.71	-130.85	-50.74	-28.08	-4455.66	-2.357e+04	-4455.95	-2.357e+04	-74.44
		553	81.69	-53.27	-127.68	-127.53	-53.42	3.31	-4369.05	-2.356e+04	-4379.44	-2.355e+04	-446.60
		552	35.80	-77.46	-207.43	-207.37	-77.52	2.97	-1664.71	-1.018e+04	-1665.11	-1.018e+04	-58.75
		223	36.21	-67.19	-209.06	-203.82	-72.43	-26.76	-2037.63	-1.038e+04	-2058.02	-1.036e+04	-411.93
507	2	225	73.56	-23.30	-130.25	-118.68	-34.88	-33.23	-2963.24	-2.084e+04	-2963.34	-2.084e+04	41.61
		554	72.40	-36.49	-105.64	-105.49	-36.64	3.26	-3560.12	-2.082e+04	-3605.99	-2.077e+04	-888.45
		553	104.46	-57.21	-194.37	-194.34	-57.24	2.21	-5555.97	-3.012e+04	-5558.26	-3.012e+04	-237.33
		224	105.18	-40.06	-207.20	-195.06	-52.20	-43.38	-5723.43	-3.035e+04	-5729.04	-3.035e+04	-371.36
507	120	225	56.80	-28.25	-156.23	-153.52	-30.96	-18.42	-2434.98	-1.600e+04	-2436.28	-1.600e+04	132.62
		554	56.06	-31.09	-145.27	-144.65	-31.71	8.35	-2808.31	-1.599e+04	-2825.18	-1.598e+04	-471.35
		553	80.46	-38.05	-162.97	-162.57	-38.46	7.12	-4312.34	-2.314e+04	-4312.37	-2.314e+04	-24.54
		224	80.93	-30.81	-169.06	-164.32	-35.55	-25.17	-4467.69	-2.331e+04	-4469.28	-2.331e+04	-172.99
507	152	225	56.90	-29.29	-165.54	-163.26	-31.57	-17.47	-2434.69	-1.601e+04	-2436.35	-1.600e+04	150.18
		554	56.13	-31.51	-155.08	-154.38	-32.21	9.31	-2809.39	-1.599e+04	-2825.13	-1.597e+04	-455.14
		553	80.50	-37.09	-165.94	-165.43	-37.60	8.08	-4315.68	-2.314e+04	-4315.68	-2.314e+04	-7.07
		224	80.98	-30.52	-171.58	-167.29	-34.81	-24.21	-4472.13	-2.331e+04	-4473.39	-2.331e+04	-154.09
508	2	221	25.69	5.76	-36.40	-5.68	-24.96	-18.75	5341.59	-2089.58	3489.59	-237.59	-3214.43
		555	12.61	53.70	-13.57	53.58	-13.46	2.84	1220.78	-2422.29	-1244.89	43.38	1703.84
		554	72.08	-16.80	-135.99	-134.65	-18.14	12.56	-3109.31	-2.034e+04	-3200.29	-2.025e+04	-1248.81
		225	75.34	0.76	-130.97	-114.66	-15.55	-43.39	-3150.91	-2.127e+04	-3151.97	-2.127e+04	138.50
508	120	221	18.34	-19.22	-108.66	-106.58	-21.31	-13.49	3660.15	-1581.53	2291.97	-213.35	-2302.10
		555	10.71	-11.36	-71.35	-69.15	-13.57	11.29	987.82	-1924.01	-924.74	-11.45	1382.45
		554	55.96	-10.76	-162.51	-161.48	-11.79	12.44	-2476.85	-1.564e+04	-2530.13	-1.559e+04	-835.86
		225	58.17	-6.30	-154.20	-149.87	-10.62	-24.92	-2622.60	-1.632e+04	-2625.52	-1.632e+04	199.99
508	152	221	18.54	-20.08	-122.53	-120.92	-21.69	-12.73	3647.75	-1576.46	2298.02	-226.73	-2286.81
		555	10.86	-11.88	-85.51	-83.48	-13.91	12.05	980.52	-1915.75	-917.30	-17.93	1376.54
		554	56.12	-10.09	-172.06	-170.97	-11.17	13.20	-2475.21	-1.565e+04	-2529.25	-1.560e+04	-842.18

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		225	58.34	-6.27	-163.19	-159.38	-10.08	-24.16	-2622.71	-1.634e+04	-2626.13	-1.633e+04	216.55
509	36	171	12.22	-284.33	-422.06	-308.81	-397.58	-52.66	1416.82	-2970.69	102.57	-1656.44	2009.73
		348	10.64	-311.94	-451.85	-419.55	-344.24	-58.96	1368.45	-278.27	739.68	350.50	800.04
		140	12.97	-299.52	-432.82	-309.03	-423.30	34.32	1510.43	-3317.62	-3144.78	1337.60	896.99
		324	18.66	-307.23	-402.71	-314.10	-395.84	-24.67	5671.48	1726.79	2824.75	4573.52	1767.93
509	111	171	9.24	-225.99	-319.26	-229.85	-315.40	-18.58	1509.80	-1836.49	513.24	-839.93	1530.25
		348	8.85	-250.81	-321.19	-313.53	-258.48	-21.92	1595.73	155.40	1197.52	553.61	644.19
		140	9.50	-202.03	-339.41	-223.46	-317.98	49.84	1544.21	-1774.12	-1622.64	1392.73	692.61
		324	14.45	-229.66	-315.30	-229.88	-315.08	4.34	4526.25	1550.72	2423.40	3653.56	1354.67
509	143	171	9.31	-225.74	-319.55	-227.79	-317.50	-13.71	1609.49	-1770.81	604.02	-765.34	1545.26
		348	8.93	-252.27	-315.73	-310.76	-257.24	-17.05	1688.42	215.91	1286.36	617.97	656.03
		140	9.55	-195.34	-341.26	-220.03	-316.57	54.71	1609.68	-1698.15	-1543.66	1455.20	697.95
		324	14.57	-226.19	-317.99	-227.12	-317.05	9.21	4608.86	1621.39	2504.13	3726.12	1363.06
510	2	376	30.85	-244.67	-747.27	-253.29	-738.65	-65.25	-3050.84	-8420.60	-3055.66	-8415.78	-160.93
		318	22.53	-325.30	-531.59	-331.09	-525.81	-34.06	-596.53	-6179.86	-623.75	-6152.64	-388.88
		578	19.97	-309.50	-614.47	-311.65	-612.31	-25.56	4340.62	703.73	722.64	4321.72	261.54
		547	20.87	-295.45	-599.43	-297.16	-597.72	22.73	4841.94	668.85	669.33	4841.46	-44.69
510	121	376	28.44	-145.82	-571.27	-153.23	-563.85	-55.68	-2967.95	-8620.39	-3013.39	-8574.95	-504.76
		318	19.36	-167.89	-371.33	-187.88	-351.34	-60.56	-1013.75	-5964.63	-1090.57	-5887.81	-611.90
		578	12.13	-205.12	-435.67	-209.68	-431.11	-32.10	2064.83	39.60	86.44	2017.99	304.42
		547	12.17	-194.41	-458.90	-194.53	-458.78	-5.68	1817.54	-163.67	-161.86	1815.74	59.74
510	153	376	29.58	-138.91	-586.88	-146.92	-578.87	-59.37	-3102.93	-9003.73	-3149.59	-8957.07	-522.66
		318	20.20	-159.14	-378.80	-179.90	-358.03	-64.26	-1131.95	-6277.75	-1209.80	-6199.89	-628.13
		578	11.73	-202.50	-444.46	-207.92	-439.04	-35.80	1783.73	-80.15	-22.70	1726.27	322.16
		547	11.70	-193.97	-475.35	-194.28	-475.04	-9.37	1437.33	-292.84	-289.51	1434.00	75.82
511	56	547	18.68	-265.64	-516.41	-265.67	-516.38	3.08	4475.00	504.83	506.80	4473.03	-88.44
		578	19.06	-274.12	-488.81	-275.68	-487.24	-18.27	4992.35	1040.07	1050.15	4982.27	199.37
		579	22.96	-297.19	-490.60	-297.22	-490.57	-2.24	6814.34	1435.16	1445.36	6804.14	234.07
		546	22.84	-291.76	-486.69	-292.00	-486.46	6.74	6781.05	1374.00	1380.81	6774.24	191.72
511	119	547	15.59	-199.87	-422.43	-199.88	-422.43	0.92	3703.17	190.70	191.43	3702.44	50.64
		578	15.49	-204.51	-396.65	-205.54	-395.62	-14.04	3965.97	519.17	554.25	3930.89	345.93
		579	17.96	-245.28	-403.25	-245.32	-403.22	-2.38	5175.44	1026.77	1050.26	5151.95	311.29
		546	18.29	-242.69	-405.99	-242.75	-405.94	3.06	5293.10	1023.29	1032.31	5284.08	196.00
511	151	547	15.93	-198.56	-428.42	-198.56	-428.42	0.52	3785.86	153.70	155.26	3784.31	75.15
		578	15.74	-202.93	-401.47	-203.98	-400.42	-14.45	4023.84	467.82	510.83	3980.84	388.68
		579	18.20	-248.61	-409.04	-248.66	-408.99	-2.78	5239.42	1026.71	1054.49	5211.65	340.93
		546	18.61	-246.30	-412.95	-246.34	-412.90	2.65	5385.47	1033.18	1043.07	5375.58	207.26
512	2	546	21.86	-332.19	-591.61	-332.37	-591.42	-6.94	5469.98	1061.13	1064.26	5466.86	117.31
		579	22.10	-331.67	-592.20	-331.70	-592.17	2.58	5579.06	1111.54	1115.95	5574.65	140.28
		580	38.05	-385.89	-586.28	-387.96	-584.22	-20.23	-2625.55	-1.309e+04	-2628.50	-1.308e+04	175.90
		46	37.61	-383.90	-573.42	-385.62	-571.70	17.98	-2553.90	-1.297e+04	-2555.25	-1.297e+04	118.41
512	122	546	14.21	-211.14	-366.84	-212.13	-365.86	12.33	3715.68	750.20	751.29	3714.59	56.97
		579	14.39	-213.37	-365.10	-213.41	-365.06	2.44	3819.13	838.56	841.18	3816.51	88.34
		580	23.19	-211.06	-358.16	-211.96	-357.27	11.44	-1650.39	-7927.04	-1650.88	-7926.55	55.23
		46	22.86	-210.30	-347.31	-210.91	-346.70	9.13	-1600.94	-7856.66	-1603.82	-7853.78	134.24
512	154	546	13.73	-208.42	-365.65	-209.60	-364.47	13.59	3500.77	715.24	716.01	3499.99	46.39
		579	13.92	-210.83	-363.92	-210.91	-363.83	3.69	3608.35	805.46	807.31	3606.51	71.97
		580	23.64	-201.34	-355.72	-202.39	-354.67	12.69	-1708.18	-8141.73	-1708.48	-8141.43	44.00
		46	23.32	-200.55	-344.70	-201.30	-343.94	10.39	-1659.59	-8075.61	-1662.16	-8073.05	128.33
513	88	556	44.86	-128.61	-249.92	-248.68	-129.85	12.17	-2769.24	-1.266e+04	-2812.93	-1.262e+04	655.84
		560	47.57	-97.99	-283.28	-251.78	-129.48	69.60	-4842.41	-1.349e+04	-5160.25	-1.317e+04	1627.34
		313	135.91	-135.84	-331.49	-317.18	-150.15	50.95	3.908e+04	7427.54	7453.68	3.905e+04	909.25
		128	139.15	-137.04	-313.06	-300.51	-149.59	45.30	4.009e+04	8007.19	8009.17	4.009e+04	252.30
513	114	556	32.13	-101.97	-176.57	-176.49	-102.04	2.32	-1994.87	-9015.08	-2041.20	-8968.76	568.37
		560	34.38	-79.78	-201.90	-179.57	-102.12	47.21	-3560.68	-9691.02	-3848.57	-9403.13	1296.92
		313	107.16	-100.79	-215.97	-205.51	-111.25	33.10	3.077e+04	5859.25	5881.58	3.075e+04	745.54
		128	109.63	-101.23	-201.54	-192.63	-110.14	28.53	3.155e+04	6313.69	6315.89	3.155e+04	235.94
513	146	556	31.61	-102.30	-172.92	-172.91	-102.31	0.73	-1964.01	-8855.24	-2013.17	-8806.08	579.96
		560	33.89	-80.57	-197.79	-175.97	-102.39	45.63	-3523.22	-9540.43	-3821.10	-9242.55	1305.27
		313	107.77	-99.97	-206.05	-195.67	-110.35	31.51	3.093e+04	5894.06	5916.71	3.091e+04	752.83
		128	110.24	-100.50	-191.63	-182.81	-109.32	26.95	3.172e+04	6349.09	6351.42	3.171e+04	243.28
514	67	557	101.75	-92.40	-193.19	-191.25	-94.34	13.85	-7420.54	-2.978e+04	-7424.97	-2.978e+04	314.92
		561	96.56	-70.22	-226.98	-204.55	-92.65	54.90	-9080.50	-2.868e+04	-9093.67	-2.867e+04	507.82
		560	46.59	-88.89	-284.79	-261.46	-112.22	63.45	-4718.76	-1.327e+04	-5168.48	-1.282e+04	1908.47
		556	44.51	-110.95	-256.93	-252.99	-114.89	23.66	-3011.13	-1.272e+04	-3018.60	-1.271e+04	269.12
514	111	557	79.18	-64.18	-140.57	-136.54	-68.21	17.08	-5651.14	-2.316e+04	-5653.18	-2.315e+04	189.10
		561	75.07	-44.29	-169.12	-146.49	-66.93	48.10	-6925.05	-2.229e+04	-6932.07	-2.229e+04	328.32
		560	36.54	-68.02	-236.31	-216.25	-88.08	54.53	-3687.17	-1.040e+04	-3997.38	-1.009e+04	1409.49
		556	35.04	-85.39	-214.75	-210.11	-90.03	24.04	-2344.90	-1.002e+04	-2347.95	-1.002e+04	153.01
514	143	557	79.38	-62.96	-138.80	-134.03	-67.73	18.41	-5640.32	-2.321e+04	-5642.15	-2.321e+04	179.01
		561	75.25	-42.45	-168.05	-143.99	-66.51	49.43	-6913.99	-2.234e+04	-6920.48	-2.233e+04	316.45
		560	36.71	-68.23	-240.47	-219.89	-88.81	55.86	-3699.92	-1.045e+04	-4003.54	-1.014e+04	1398.68
		556	35.23	-85.65	-218.77	-213.75	-90.68	25.37	-2352.11	-1.008e+04	-2354.78	-1.008e+04	143.44

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
515	67	558	69.31	-61.83	-123.01	-122.32	-62.52	6.47	-5683.17	-2.044e+04	-5683.62	-2.044e+04	-80.77
		562	64.83	-40.34	-171.39	-152.98	-58.74	45.53	-7008.69	-1.950e+04	-7103.92	-1.941e+04	-1086.53
		561	96.76	-53.28	-210.25	-191.18	-72.35	51.28	-9274.10	-2.888e+04	-9312.08	-2.884e+04	862.11
		557	100.73	-76.71	-197.33	-194.87	-79.17	17.03	-7323.84	-2.959e+04	-7324.79	-2.959e+04	-145.35
515	111	558	53.36	-38.15	-62.53	-57.42	-43.26	9.93	-4193.47	-1.567e+04	-4194.58	-1.567e+04	-112.74
		562	49.76	-15.85	-104.95	-80.78	-40.02	39.62	-5201.15	-1.495e+04	-5283.87	-1.487e+04	-894.33
		561	74.31	-37.60	-156.50	-137.19	-56.91	43.85	-7027.61	-2.214e+04	-7051.50	-2.212e+04	600.33
		557	77.43	-58.38	-144.18	-140.33	-62.23	17.77	-5523.53	-2.269e+04	-5525.14	-2.269e+04	-166.47
515	143	558	53.44	-34.23	-56.92	-48.59	-42.56	10.94	-4156.89	-1.567e+04	-4158.19	-1.567e+04	-122.49
		562	49.79	-11.84	-99.42	-71.96	-39.30	40.63	-5162.81	-1.495e+04	-5247.38	-1.487e+04	-906.07
		561	74.35	-36.92	-155.45	-134.91	-57.46	44.87	-7007.22	-2.214e+04	-7030.13	-2.212e+04	588.32
		557	77.49	-58.35	-142.47	-138.04	-62.77	18.78	-5502.07	-2.270e+04	-5503.88	-2.269e+04	-176.71
516	55	559	20.64	29.17	-87.55	-44.72	-13.66	-56.25	973.63	-4268.92	-3068.54	-226.75	-2202.76
		563	15.50	4.93	-287.54	-221.11	-61.50	122.53	1798.82	-1150.86	294.05	353.91	1474.53
		562	68.93	-31.49	-62.61	-60.30	-33.80	8.15	-7299.59	-2.076e+04	-7463.59	-2.060e+04	-1476.97
		558	67.18	-49.53	-191.96	-178.69	-62.80	41.41	-5168.98	-1.979e+04	-5171.15	-1.979e+04	178.16
516	121	559	15.42	64.53	-32.30	37.64	-5.40	-43.37	905.95	-3286.60	-2245.36	-135.30	-1811.43
		563	10.41	20.04	-157.86	-96.63	-41.19	84.52	1344.96	-714.18	338.13	292.64	1029.32
		562	53.28	-3.44	-26.51	-3.78	-26.17	2.80	-5459.15	-1.597e+04	-5608.48	-1.582e+04	-1243.57
		558	51.84	-37.34	-105.55	-93.76	-49.13	25.78	-3842.84	-1.517e+04	-3842.85	-1.517e+04	13.41
516	153	559	15.37	77.38	-28.69	53.51	-4.82	-44.30	937.21	-3286.47	-2221.08	-128.18	-1834.34
		563	10.20	25.32	-146.63	-80.74	-40.56	83.59	1337.91	-681.27	361.65	294.99	1009.04
		562	53.36	5.81	-26.89	5.70	-26.79	1.87	-5427.45	-1.597e+04	-5581.54	-1.581e+04	-1265.03
		558	51.90	-36.77	-97.30	-84.30	-49.77	24.86	-3815.10	-1.517e+04	-3815.11	-1.517e+04	-10.68
517	88	560	44.53	-115.23	-271.14	-261.56	-124.81	37.44	-1696.33	-1.217e+04	-2194.86	-1.167e+04	2229.77
		564	49.04	-68.88	-318.28	-272.52	-114.64	96.53	-2489.48	-1.330e+04	-3351.50	-1.244e+04	2928.13
		63	118.56	-104.39	-348.70	-309.80	-143.29	89.40	3.419e+04	6805.11	6839.04	3.415e+04	963.39
		313	133.04	-120.77	-318.09	-299.69	-139.18	57.38	3.845e+04	7815.50	7850.41	3.841e+04	1033.65
517	110	560	32.09	-93.63	-193.98	-188.80	-98.81	22.20	-1119.50	-8687.35	-1560.66	-8246.19	1773.14
		564	35.96	-53.15	-229.82	-196.87	-86.09	68.81	-1722.46	-9682.68	-2473.09	-8932.06	2326.30
		63	93.40	-73.82	-232.47	-202.44	-103.85	62.15	2.691e+04	5368.58	5397.56	2.688e+04	789.68
		313	104.91	-88.67	-209.94	-196.09	-102.52	38.57	3.029e+04	6170.40	6198.81	3.026e+04	827.37
517	142	560	31.60	-94.43	-190.23	-185.57	-99.09	20.60	-1077.56	-8539.60	-1531.77	-8085.40	1784.09
		564	35.58	-53.54	-225.77	-193.49	-85.82	67.21	-1678.57	-9563.21	-2448.70	-8793.08	2340.75
		63	93.91	-72.08	-223.41	-193.12	-102.37	60.55	2.705e+04	5400.20	5429.64	2.703e+04	797.99
		313	105.52	-87.98	-200.74	-186.92	-101.79	36.97	3.045e+04	6206.57	6235.20	3.042e+04	832.71
518	2	561	96.89	-84.09	-216.92	-206.18	-94.83	36.22	-7099.24	-2.834e+04	-7138.63	-2.831e+04	913.95
		565	89.90	-31.25	-280.10	-229.54	-81.81	100.12	-7446.52	-2.631e+04	-7875.72	-2.588e+04	2813.04
		564	51.32	-56.43	-340.43	-290.25	-106.61	108.32	-2192.46	-1.369e+04	-3523.07	-1.235e+04	3677.27
		560	43.12	-105.28	-294.48	-281.87	-117.89	47.19	-2146.05	-1.204e+04	-2306.90	-1.188e+04	1251.10
518	111	561	75.43	-54.99	-155.89	-145.13	-65.75	31.14	-5354.01	-2.205e+04	-5373.96	-2.203e+04	576.91
		565	69.40	-19.35	-203.88	-163.21	-60.02	76.48	-5677.42	-2.033e+04	-5943.79	-2.006e+04	1957.46
		564	39.30	-43.92	-263.91	-226.00	-81.83	83.08	-1799.76	-1.056e+04	-2695.54	-9660.84	2653.64
		560	33.91	-75.76	-229.10	-217.65	-87.21	40.30	-1683.58	-9502.67	-1780.05	-9406.20	863.14
518	143	561	75.61	-53.42	-155.00	-143.00	-65.42	32.80	-5347.97	-2.210e+04	-5366.55	-2.208e+04	557.65
		565	69.48	-17.46	-203.65	-161.17	-59.94	78.14	-5673.71	-2.035e+04	-5932.22	-2.009e+04	1930.38
		564	39.36	-44.21	-268.29	-229.55	-82.95	84.73	-1818.60	-1.057e+04	-2698.64	-9690.20	2631.99
		560	34.08	-75.77	-233.22	-221.11	-87.89	41.96	-1694.57	-9550.82	-1787.32	-9458.06	848.59
519	67	562	64.33	-43.23	-128.79	-124.48	-47.54	18.73	-6612.27	-1.932e+04	-6695.48	-1.924e+04	-1025.01
		566	52.74	-10.74	-211.05	-171.28	-50.51	79.91	-7708.52	-1.569e+04	-7848.90	-1.555e+04	1048.92
		565	89.37	-19.37	-248.37	-208.34	-59.39	86.97	-7239.04	-2.626e+04	-7736.41	-2.576e+04	3035.25
		561	95.50	-67.93	-216.46	-208.64	-75.75	33.17	-7064.20	-2.810e+04	-7071.54	-2.809e+04	392.93
519	100	562	49.37	-30.55	-125.39	-120.66	-35.27	20.63	-5179.31	-1.488e+04	-5229.47	-1.483e+04	-695.68
		566	40.88	-6.92	-185.39	-155.62	-36.69	66.53	-5980.90	-1.213e+04	-6116.45	-1.199e+04	902.69
		565	68.86	-8.08	-199.43	-167.13	-40.37	71.67	-5565.90	-2.025e+04	-5978.74	-1.983e+04	2427.00
		561	73.38	-46.21	-175.98	-168.07	-54.11	31.04	-5457.98	-2.163e+04	-5467.56	-2.162e+04	393.61
519	127	562	49.40	-25.61	-103.72	-95.50	-33.83	23.96	-5060.63	-1.486e+04	-5123.12	-1.480e+04	-780.17
		566	40.53	1.67	-167.40	-130.46	-35.26	69.86	-5908.63	-1.206e+04	-6008.23	-1.196e+04	776.41
		565	68.70	-6.38	-197.06	-160.58	-42.86	75.00	-5564.81	-2.018e+04	-5937.43	-1.981e+04	2303.75
		561	73.40	-46.31	-171.77	-161.52	-56.56	34.37	-5422.07	-2.160e+04	-5428.08	-2.160e+04	311.75
520	45	563	30.01	76.33	6.74	72.18	10.89	-16.48	2316.38	-6517.85	-2781.64	-1419.84	-4364.32
		567	44.98	-25.58	-300.14	-260.73	-64.98	96.27	2867.53	-8560.22	-8297.21	2604.52	1713.60
		566	53.76	20.64	-120.11	-74.26	-25.21	65.96	-8099.33	-1.618e+04	-8407.68	-1.587e+04	1547.84
		562	64.12	-30.22	-241.15	-235.59	-35.78	33.79	-6104.37	-1.910e+04	-6407.85	-1.880e+04	-1962.58
520	124	563	22.70	10.26	-13.68	-10.64	7.22	-7.97	1511.34	-5043.00	-2393.20	-1138.46	-3216.56
		567	37.39	-28.21	-290.65	-264.81	-54.04	78.19	2213.25	-6916.58	-6645.51	1942.18	1549.61
		566	41.98	9.63	-126.80	-98.68	-18.49	55.19	-6264.06	-1.257e+04	-6600.41	-1.224e+04	1417.59
		562	49.49	-18.47	-225.22	-220.71	-22.98	30.20	-4861.36	-1.467e+04	-5057.42	-1.448e+04	-1373.19
520	156	563	22.67	8.62	-25.60	-24.09	7.12	-7.02	1458.28	-5050.46	-2445.18	-1147.00	-3188.98
		567	37.97	-29.76	-303.60	-278.42	-54.95	79.14	2215.88	-6983.73	-6698.08	1930.24	1595.68
		566	42.13	8.75	-134.31	-107.11	-18.45	56.14	-6269.17	-1.260e+04	-6627.38	-1.225e+04	1463.09
		562	49.52	-17.53	-233.58	-228.99	-22.12	31.15	-4894.78	-1.467e+04	-5083.80	-1.448e+04	-1346.10
521	88	564	54.62	-99.31	-283.73	-259.57	-123.47	62.23	-4328.17	-1.529e+04	-5722.83	-1.390e+04	3653.26

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		568	64.74	-8.48	-364.57	-280.93	-92.12	150.96	-1696.68	-1.655e+04	-4888.29	-1.336e+04	6101.03
		358	97.03	-87.84	-352.57	-306.45	-133.96	100.41	2.789e+04	4954.05	5251.42	2.759e+04	2594.72
		63	121.89	-98.20	-383.89	-338.08	-144.00	104.82	3.511e+04	6607.92	6654.56	3.506e+04	1151.91
521	110	564	40.39	-77.92	-206.34	-190.40	-93.87	42.35	-3067.89	-1.126e+04	-4274.83	-1.005e+04	2903.65
		568	48.93	-3.67	-268.44	-205.94	-66.17	112.43	-1028.28	-1.239e+04	-3661.06	-9760.06	4794.67
		358	76.29	-60.00	-238.75	-204.59	-94.16	70.29	2.195e+04	3914.94	4152.58	2.171e+04	2056.63
		63	95.93	-68.98	-268.06	-232.21	-104.83	76.50	2.762e+04	5218.26	5257.67	2.758e+04	938.89
521	142	564	40.03	-78.52	-203.08	-187.83	-93.77	40.83	-3008.87	-1.115e+04	-4245.93	-9913.59	2922.58
		568	48.72	-3.62	-264.83	-203.20	-65.26	110.91	-966.94	-1.232e+04	-3637.72	-9647.94	4815.09
		358	76.70	-58.00	-230.65	-196.51	-92.14	68.77	2.207e+04	3940.51	4179.54	2.183e+04	2067.72
		63	96.44	-67.74	-260.21	-224.30	-103.65	74.98	2.777e+04	5250.11	5290.16	2.773e+04	948.76
522	2	565	92.03	-50.80	-251.58	-217.91	-84.47	75.01	-9096.56	-2.721e+04	-9747.33	-2.656e+04	3371.06
		569	76.05	3.77	-317.42	-270.80	-42.85	113.13	-7487.25	-2.258e+04	-7895.05	-2.217e+04	2446.92
		568	62.36	3.60	-378.01	-302.57	-71.83	151.97	-2054.06	-1.602e+04	-5427.15	-1.264e+04	5976.56
		564	51.39	-74.42	-327.47	-292.39	-109.50	87.45	-4773.11	-1.440e+04	-5826.35	-1.335e+04	3005.02
522	111	565	70.95	-32.74	-186.49	-156.61	-62.62	60.84	-7086.51	-2.101e+04	-7499.66	-2.059e+04	2362.40
		569	58.52	3.09	-236.78	-197.47	-36.21	88.79	-5762.14	-1.738e+04	-5995.47	-1.715e+04	1629.99
		568	47.26	-1.05	-296.49	-234.93	-62.61	119.99	-1786.74	-1.218e+04	-4173.30	-9792.96	4371.19
		564	39.50	-53.94	-253.95	-223.84	-84.05	71.52	-3811.28	-1.110e+04	-4489.59	-1.043e+04	2118.18
522	143	565	71.02	-30.49	-187.12	-154.97	-62.63	63.26	-7106.14	-2.103e+04	-7507.74	-2.062e+04	2329.94
		569	58.55	4.63	-237.43	-195.95	-36.85	91.21	-5766.53	-1.738e+04	-5989.61	-1.716e+04	1594.35
		568	47.25	-0.90	-301.05	-237.79	-64.16	122.42	-1817.62	-1.217e+04	-4177.60	-9805.27	4341.74
		564	39.58	-53.42	-258.16	-226.58	-85.00	73.95	-3836.03	-1.112e+04	-4496.94	-1.046e+04	2091.70
523	2	566	58.93	-17.66	-150.10	-120.85	-46.92	54.94	-7415.45	-1.749e+04	-8456.36	-1.645e+04	3067.09
		570	52.46	-12.38	-250.38	-216.02	-46.74	83.65	147.34	-1.319e+04	-198.02	-1.285e+04	-2118.36
		569	75.82	14.41	-271.66	-230.22	-27.04	100.69	-8016.91	-2.269e+04	-8444.96	-2.226e+04	2469.23
		565	90.56	-37.51	-273.74	-241.42	-69.83	81.18	-8944.55	-2.693e+04	-9317.89	-2.656e+04	2564.18
523	112	566	45.85	-27.19	-143.75	-134.90	-36.04	30.88	-5620.73	-1.363e+04	-6537.11	-1.271e+04	2548.96
		570	40.65	-20.20	-212.39	-199.08	-33.51	48.79	6.08	-1.022e+04	-196.87	-1.002e+04	-1426.31
		569	58.73	6.67	-206.11	-185.58	-13.86	62.82	-6170.34	-1.765e+04	-6542.92	-1.728e+04	2034.68
		565	69.71	-30.14	-205.02	-190.48	-44.68	48.29	-6843.52	-2.081e+04	-7172.62	-2.048e+04	2118.82
523	144	566	45.99	-28.04	-149.42	-141.54	-35.92	29.90	-5602.84	-1.367e+04	-6552.88	-1.272e+04	2599.40
		570	40.71	-21.08	-218.06	-205.67	-33.46	47.81	-24.24	-1.024e+04	-212.64	-1.005e+04	-1374.24
		569	58.86	6.97	-207.05	-187.37	-12.71	61.84	-6171.02	-1.770e+04	-6558.39	-1.731e+04	2077.39
		565	69.75	-29.98	-206.11	-192.32	-43.77	47.31	-6841.01	-2.083e+04	-7182.72	-2.049e+04	2159.48
524	35	567	42.10	58.74	-6.91	45.72	6.12	-26.18	-5528.82	-1.255e+04	-9657.29	-8417.71	3453.50
		571	83.12	-12.75	-343.39	-268.29	-87.85	138.53	2.341e+04	1.149e+04	1.769e+04	1.720e+04	-5952.43
		570	64.03	-9.00	-85.70	-77.54	-17.17	23.65	-1340.41	-1.760e+04	-1367.79	-1.758e+04	666.81
		566	44.91	-42.19	-280.69	-258.35	-64.52	69.48	-6484.59	-1.293e+04	-6962.50	-1.245e+04	1688.80
524	108	567	31.71	16.71	-5.25	5.06	6.40	-10.96	-4157.85	-9617.55	-7323.18	-6452.22	2694.89
		571	64.37	-14.39	-287.79	-236.85	-65.32	106.45	1.803e+04	8921.51	1.369e+04	1.327e+04	-4550.52
		570	49.44	-0.90	-85.79	-78.30	-8.38	24.07	-1050.49	-1.351e+04	-1073.67	-1.349e+04	536.99
		566	34.78	-29.26	-234.93	-217.69	-46.50	56.99	-4991.33	-9986.22	-5380.05	-9597.50	1338.10
524	140	567	31.60	13.14	-8.31	-1.34	6.17	-10.05	-4139.42	-9613.98	-7304.14	-6449.27	2703.70
		571	64.50	-14.83	-293.67	-243.19	-65.31	107.36	1.804e+04	8939.83	1.371e+04	1.327e+04	-4545.49
		570	49.47	-0.28	-89.82	-82.21	-7.89	24.98	-1054.15	-1.351e+04	-1077.81	-1.349e+04	542.36
		566	34.83	-29.00	-239.06	-221.65	-46.40	57.90	-4991.96	-9993.12	-5385.43	-9599.65	1346.47
525	88	568	67.52	-29.28	-319.71	-265.54	-83.46	113.13	-2135.57	-1.772e+04	-6023.52	-1.383e+04	6742.90
		572	73.97	84.99	-455.36	-339.39	-30.98	221.84	2537.27	-1.590e+04	-4008.08	-9352.04	8821.54
		321	60.37	30.46	-234.45	-168.69	-35.30	114.44	1.554e+04	707.47	2219.31	1.403e+04	4488.08
		358	97.82	-66.62	-403.20	-329.30	-140.51	139.32	2.798e+04	4946.57	5252.63	2.767e+04	2637.16
525	110	568	51.09	-23.67	-236.57	-199.33	-60.90	80.88	-1315.79	-1.331e+04	-4505.50	-1.012e+04	5298.70
		572	56.90	71.39	-339.55	-253.94	-14.22	166.89	2231.13	-1.209e+04	-2992.30	-6870.51	6895.05
		321	47.21	29.73	-154.24	-109.11	-15.39	79.15	1.224e+04	610.11	1777.75	1.107e+04	3495.23
		358	76.89	-46.22	-292.04	-237.35	-100.92	102.25	2.201e+04	3909.92	4150.57	2.177e+04	2073.31
525	142	568	50.90	-24.16	-233.81	-197.73	-60.24	79.13	-1244.36	-1.324e+04	-4477.19	-1.000e+04	5321.77
		572	56.85	72.00	-336.26	-252.11	-12.15	165.14	2289.14	-1.206e+04	-2972.83	-6802.68	6916.71
		321	47.39	31.66	-147.97	-103.70	-12.61	77.41	1.231e+04	629.15	1795.35	1.114e+04	3501.17
		358	77.24	-45.43	-286.28	-232.20	-99.51	100.50	2.213e+04	3935.83	4177.15	2.189e+04	2081.26
526	2	569	75.82	-6.00	-289.47	-260.81	-34.65	85.45	-8488.60	-2.273e+04	-8962.74	-2.226e+04	2554.90
		573	39.31	40.83	-404.82	-365.87	1.87	125.86	-4179.26	-1.133e+04	-4251.39	-1.126e+04	714.44
		572	66.51	72.35	-429.55	-351.76	-5.43	181.63	2192.78	-1.449e+04	-3987.14	-8311.61	8057.06
		568	61.76	5.98	-376.76	-308.36	-62.43	146.63	-3176.29	-1.628e+04	-6466.41	-1.299e+04	5683.11
526	116	569	57.86	-9.15	-215.69	-205.68	-19.16	44.35	-6366.24	-1.744e+04	-6770.10	-1.704e+04	2075.95
		573	30.77	26.42	-305.62	-287.01	7.81	76.37	-3160.80	-8816.18	-3244.69	-8732.29	683.67
		572	51.05	52.08	-303.04	-254.68	3.73	121.79	1816.71	-1.126e+04	-3022.28	-6421.63	6313.90
		568	46.89	1.79	-257.84	-217.99	-38.06	93.59	-2254.88	-1.250e+04	-4873.47	-9877.46	4467.71
526	148	569	57.84	-9.06	-216.23	-207.27	-18.03	42.15	-6340.10	-1.744e+04	-6758.37	-1.703e+04	2114.19
		573	30.88	26.78	-305.97	-288.52	9.33	74.17	-3140.06	-8833.35	-3233.62	-8739.79	723.80
		572	51.17	52.70	-299.80	-253.02	5.92	119.59	1854.56	-1.130e+04	-3015.07	-6428.03	6350.84
		568	46.92	2.00	-254.63	-216.39	-36.24	91.38	-2214.50	-1.252e+04	-4863.29	-9866.22	4501.98
527	2	570	48.74	-8.46	-138.34	-104.68	-42.12	56.91	-1152.99	-1.325e+04	-1957.91	-1.245e+04	-3015.36
		574	52.90	7.53	-205.19	-204.06	6.41	15.43	3583.98	-1.163e+04	-2127.90	-5920.52	-7368.08

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		573	40.54	42.58	-375.75	-349.84	16.67	100.83	-3794.65	-1.137e+04	-3812.19	-1.135e+04	363.92
		569	75.33	10.08	-309.90	-286.93	-12.89	82.59	-8894.70	-2.286e+04	-9126.28	-2.263e+04	1783.71
527	114	570	37.76	-24.02	-113.11	-107.54	-29.58	21.55	-788.78	-1.025e+04	-1316.87	-9719.87	-2171.73
		574	39.59	7.03	-175.11	-174.79	6.71	-7.65	2631.67	-8911.51	-1636.70	-4643.14	-5572.39
		573	31.67	25.62	-283.88	-273.58	15.31	55.54	-2884.85	-8864.78	-2915.27	-8834.36	425.43
		569	58.82	3.68	-228.28	-220.33	-4.27	42.20	-6860.69	-1.781e+04	-7080.17	-1.759e+04	1534.48
527	146	570	37.79	-24.93	-115.39	-111.11	-29.21	19.20	-797.42	-1.026e+04	-1303.80	-9750.40	-2129.21
		574	39.40	7.56	-178.90	-178.37	7.02	-10.00	2601.91	-8880.31	-1621.47	-4656.93	-5536.86
		573	31.78	25.62	-284.00	-274.58	16.19	53.19	-2870.88	-8887.28	-2907.39	-8850.78	467.20
		569	59.01	3.71	-228.37	-221.32	-3.34	39.84	-6859.99	-1.786e+04	-7092.94	-1.762e+04	1583.39
528	65	571	58.90	69.26	-41.28	68.57	-40.59	8.67	1.791e+04	1.082e+04	1.256e+04	1.616e+04	-3054.33
		575	55.90	30.07	-146.89	-102.15	-14.67	76.91	-667.56	-1.468e+04	-7989.29	-7353.48	-6996.60
		574	49.67	0.61	-90.05	-90.01	0.57	1.85	5651.44	-9443.35	-1917.35	-1874.56	-7547.36
		570	78.91	-28.81	-211.81	-209.84	-30.78	18.87	1397.43	-1.977e+04	-723.90	-1.765e+04	-6357.15
528	111	571	45.35	72.44	-34.69	71.74	-33.99	8.63	1.384e+04	8013.79	9523.55	1.233e+04	-2551.46
		575	44.30	31.04	-96.83	-55.69	-10.10	59.74	-319.54	-1.149e+04	-6218.11	-5592.81	-5577.17
		574	39.24	1.82	-52.51	-52.51	1.81	0.45	4483.45	-7445.08	-1565.10	-1396.53	-5963.67
		570	61.05	-26.50	-150.18	-148.59	-28.09	13.93	1055.55	-1.539e+04	-668.05	-1.366e+04	-5037.08
528	143	571	45.38	77.65	-35.38	76.94	-34.68	8.88	1.386e+04	7957.89	9505.00	1.231e+04	-2594.32
		575	44.59	33.25	-93.35	-50.27	-9.83	59.98	-277.02	-1.154e+04	-6231.74	-5580.82	-5619.85
		574	39.45	1.77	-48.66	-48.65	1.76	0.70	4517.47	-7480.71	-1579.10	-1384.14	-5998.30
		570	61.14	-27.39	-146.66	-144.95	-29.10	14.18	1058.38	-1.543e+04	-686.59	-1.368e+04	-5071.70
529	2	575	34.72	168.39	-7.99	168.33	-7.93	3.27	7601.48	-2490.43	2387.06	2724.00	-5043.14
		222	36.44	204.93	-14.58	204.43	-14.08	10.48	7217.57	-2391.87	5987.35	-1161.65	-3210.66
		21	72.80	-104.42	-348.19	-347.24	-105.37	15.22	1.887e+04	3541.55	1.859e+04	3826.12	-2069.16
		574	65.47	67.68	-208.29	-208.28	67.67	-2.02	3362.71	-1.538e+04	-4433.20	-7588.32	-9239.77
529	124	575	26.42	105.21	-7.00	104.93	-6.72	-5.55	5844.02	-1715.80	1977.32	2150.90	-3778.91
		222	27.99	163.25	-8.95	163.17	-8.87	3.81	5495.21	-1816.15	4589.42	-910.36	-2408.75
		21	55.85	-85.66	-281.87	-281.85	-85.68	1.82	1.439e+04	2666.06	1.419e+04	2864.34	-1511.79
		574	50.24	55.98	-166.30	-165.53	55.22	-13.01	2600.44	-1.178e+04	-3328.44	-5853.56	-7079.74
529	156	575	26.36	103.14	-6.63	102.80	-6.29	-6.07	5855.31	-1662.18	2042.19	2150.94	-3758.35
		222	28.12	160.98	-9.02	160.91	-8.95	3.28	5549.55	-1796.86	4655.49	-902.80	-2401.83
		21	56.04	-85.74	-283.96	-283.95	-85.75	1.30	1.443e+04	2671.71	1.423e+04	2867.10	-1503.10
		574	50.12	56.51	-168.33	-167.51	55.69	-13.54	2601.39	-1.175e+04	-3287.55	-5856.88	-7057.64
530	2	574	55.56	42.79	-213.22	-202.16	31.74	-52.03	3297.91	-1.215e+04	-3839.80	-5016.67	-7703.71
		21	77.40	-4.99	-357.78	-250.27	-112.50	162.39	2.043e+04	3526.81	2.026e+04	3696.21	-1683.56
		322	110.45	-201.27	-491.02	-490.55	-201.73	11.62	2.924e+04	6284.05	2.924e+04	6286.50	-237.18
		573	38.90	92.78	-399.95	-362.30	55.13	130.90	-7534.61	-1.104e+04	-7560.40	-1.101e+04	-299.49
530	108	574	43.40	39.70	-177.87	-165.86	27.69	-49.69	2637.72	-9348.66	-2888.75	-3822.19	-5974.99
		21	59.13	-12.77	-274.21	-197.83	-89.15	118.89	1.558e+04	2688.09	1.546e+04	2815.27	-1274.28
		322	84.88	-160.08	-382.43	-382.43	-160.08	0.36	2.245e+04	4822.08	2.245e+04	4823.90	-179.23
		573	29.65	69.83	-304.88	-281.15	46.10	91.26	-5700.27	-8478.17	-5729.79	-8448.64	-284.86
530	140	574	43.36	40.32	-179.24	-167.35	28.43	-49.70	2657.85	-9324.94	-2853.99	-3813.10	-5972.17
		21	59.28	-13.19	-275.33	-199.44	-89.08	118.88	1.562e+04	2696.29	1.549e+04	2823.06	-1273.56
		322	85.00	-159.90	-383.48	-383.48	-159.91	0.35	2.248e+04	4829.01	2.247e+04	4830.83	-178.89
		573	29.58	70.59	-305.69	-282.07	46.97	91.26	-5671.45	-8469.15	-5700.26	-8440.34	-282.42
531	2	573	38.55	31.42	-385.10	-383.42	29.74	26.45	-7326.97	-1.057e+04	-7560.85	-1.034e+04	839.30
		322	110.84	-56.77	-609.07	-447.78	-218.06	251.13	2.947e+04	6052.11	2.947e+04	6052.59	105.93
		323	83.69	-188.57	-420.11	-419.99	-188.70	-5.37	2.155e+04	3583.56	2.137e+04	3769.06	1816.15
		572	75.90	163.79	-478.00	-360.19	45.98	248.46	1189.56	-1.654e+04	-7206.91	-8141.48	8851.43
531	108	573	29.33	29.36	-297.44	-297.07	28.98	11.06	-5584.20	-8098.53	-5731.94	-7950.79	591.30
		322	85.15	-56.81	-467.01	-349.45	-174.37	185.48	2.262e+04	4628.19	2.262e+04	4628.46	69.32
		323	64.08	-148.94	-323.51	-322.91	-149.54	-10.25	1.649e+04	2742.01	1.635e+04	2880.89	1374.88
		572	57.73	126.67	-358.04	-271.08	39.71	185.99	902.03	-1.263e+04	-5490.11	-6233.78	6753.75
531	140	573	29.26	30.70	-298.27	-297.89	30.32	11.15	-5555.75	-8092.53	-5702.88	-7945.40	592.94
		322	85.28	-56.85	-467.78	-350.52	-174.11	185.57	2.265e+04	4632.00	2.265e+04	4632.24	66.94
		323	64.12	-148.75	-323.83	-323.24	-149.34	-10.15	1.650e+04	2743.47	1.636e+04	2881.62	1371.66
		572	57.73	127.96	-357.92	-271.17	41.21	186.08	910.11	-1.262e+04	-5480.29	-6230.03	6754.87
532	2	572	86.25	70.45	-391.89	-350.60	29.16	131.85	3262.35	-1.942e+04	-7109.89	-9047.91	1.130e+04
		323	75.65	-7.62	-647.24	-458.17	-196.68	291.86	1.974e+04	3869.59	1.930e+04	4308.76	2603.07
		4	15.73	122.60	-69.86	94.04	-41.29	-68.42	1737.52	-2771.95	966.41	-2000.83	1697.86
		321	65.86	154.87	-343.54	-196.42	7.75	227.34	1.467e+04	-1084.66	1834.37	1.175e+04	6121.59
532	96	572	65.63	58.10	-288.28	-259.01	28.83	96.34	2497.07	-1.484e+04	-5399.52	-6938.89	8632.03
		323	57.92	-12.26	-497.36	-354.26	-155.36	221.22	1.509e+04	2944.15	1.476e+04	3281.24	1995.45
		4	11.89	104.00	-48.60	81.60	-26.20	-54.00	1324.39	-2062.22	739.52	-1477.34	1280.10
		321	50.84	129.25	-261.19	-138.43	6.48	181.27	1.137e+04	-741.58	1444.99	9181.84	4658.14
532	128	572	65.65	59.90	-288.24	-258.90	30.56	96.71	2507.92	-1.483e+04	-5388.44	-6937.11	8636.04
		323	57.97	-11.78	-497.76	-354.46	-155.08	221.60	1.510e+04	2946.28	1.477e+04	3282.72	1994.30
		4	11.87	104.63	-47.73	82.56	-25.65	-53.63	1322.48	-2062.07	738.42	-1478.00	1278.93
		321	50.89	131.33	-260.06	-137.17	8.44	181.65	1.137e+04	-745.13	1444.23	9181.32	4661.82
533	67	408	68.56	-266.90	-526.33	-347.01	-446.22	-119.85	-5207.35	-2.777e+04	-5378.35	-2.759e+04	-1956.55
		89	57.01	-158.14	-591.92	-343.28	-406.78	214.55	-4335.30	-2.328e+04	-4456.66	-2.316e+04	-1511.35
		348	10.30	-350.43	-437.58	-435.97	-352.03	11.72	1544.19	-675.89	957.18	-88.87	979.10

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		171	18.74	-191.65	-619.04	-334.37	-476.32	201.56	101.15	-3693.21	-62.16	-3529.89	770.06
533	118	408	52.66	-186.76	-431.14	-281.31	-336.58	-119.02	-4143.77	-2.139e+04	-4256.86	-2.127e+04	-1391.80
		89	44.14	-161.46	-443.02	-278.75	-325.73	138.80	-3457.43	-1.800e+04	-3554.68	-1.790e+04	-1185.02
		348	7.44	-284.78	-360.83	-354.82	-290.79	-20.51	504.33	-1052.07	101.61	-649.34	681.63
		171	14.37	-188.04	-447.00	-278.06	-356.98	123.32	-340.70	-3223.70	-490.92	-3073.48	640.72
533	150	408	52.69	-182.75	-436.79	-284.36	-335.18	-124.45	-4169.13	-2.141e+04	-4278.78	-2.130e+04	-1370.71
		89	44.29	-170.30	-440.99	-282.63	-328.65	133.37	-3484.33	-1.805e+04	-3581.60	-1.795e+04	-1186.39
		348	7.63	-284.86	-368.43	-359.40	-293.89	-25.94	406.98	-1115.93	9.54	-718.49	668.81
		171	14.35	-195.19	-442.28	-281.79	-355.68	117.89	-420.81	-3274.49	-577.95	-3117.35	650.95
534	88	46	45.62	-287.91	-641.00	-344.31	-584.59	-129.36	-3167.58	-1.642e+04	-3184.79	-1.640e+04	477.22
		580	44.48	-320.45	-613.11	-346.73	-586.83	83.66	-3203.14	-1.588e+04	-3203.17	-1.588e+04	19.05
		581	96.61	-293.60	-710.27	-434.65	-569.22	-197.17	-7848.19	-4.000e+04	-7869.07	-3.998e+04	819.13
		226	95.55	-302.28	-685.60	-420.94	-566.93	177.21	-7817.28	-3.949e+04	-7822.48	-3.948e+04	-405.71
534	118	46	36.37	-189.24	-489.98	-227.11	-452.11	-99.78	-2600.11	-1.312e+04	-2612.22	-1.310e+04	356.60
		580	35.31	-212.88	-468.85	-229.09	-452.64	62.33	-2609.05	-1.264e+04	-2609.06	-1.264e+04	6.30
		581	75.53	-185.66	-527.39	-278.43	-434.62	-151.97	-6180.49	-3.123e+04	-6199.13	-3.122e+04	683.14
		226	74.90	-190.03	-510.17	-267.03	-433.17	136.83	-6177.26	-3.090e+04	-6180.04	-3.090e+04	-262.23
534	150	46	36.69	-181.51	-489.00	-218.17	-452.34	-99.64	-2640.65	-1.324e+04	-2652.32	-1.323e+04	351.59
		580	35.60	-204.40	-468.42	-220.11	-452.71	62.47	-2646.36	-1.276e+04	-2646.37	-1.276e+04	1.49
		581	75.83	-175.74	-523.18	-265.05	-433.86	-151.84	-6216.84	-3.135e+04	-6235.81	-3.133e+04	690.20
		226	75.24	-179.54	-506.68	-253.69	-432.53	136.96	-6216.89	-3.103e+04	-6219.51	-3.103e+04	-255.17
535	56	196	12.19	-289.64	-459.05	-360.11	-388.58	-83.50	319.08	-2682.68	-2682.48	318.88	-24.59
		586	10.53	-291.58	-470.07	-292.56	-469.09	-13.22	1603.10	267.70	1172.01	698.79	624.37
		318	26.10	-299.15	-542.27	-301.32	-540.10	-22.87	-986.47	-7672.01	-1040.97	-7617.51	-601.16
		376	19.45	-189.68	-426.25	-196.21	-419.72	-38.75	-2034.79	-5740.03	-2264.09	-5510.73	-892.77
535	119	196	9.51	-209.65	-384.75	-261.70	-332.70	-80.03	-620.07	-1778.17	-1759.71	-638.53	-145.05
		586	8.01	-205.40	-384.52	-209.13	-380.79	-25.57	997.85	-476.06	990.96	-469.16	100.55
		318	21.83	-192.55	-435.60	-197.71	-430.44	-35.06	-1002.52	-6485.26	-1133.75	-6354.03	-838.02
		376	16.77	-115.14	-360.91	-123.66	-352.39	-44.97	-1768.50	-4943.61	-1988.78	-4723.33	-806.78
535	151	196	9.72	-206.02	-391.76	-258.21	-339.56	-83.49	-781.86	-1759.01	-1730.32	-810.55	-164.97
		586	8.62	-200.56	-389.69	-205.13	-385.12	-29.03	1018.38	-660.00	1017.60	-659.21	36.26
		318	22.46	-184.55	-440.07	-190.50	-434.12	-38.52	-1069.47	-6716.92	-1219.95	-6566.44	-909.49
		376	17.36	-107.62	-367.95	-116.96	-358.60	-48.43	-1845.09	-5144.06	-2071.38	-4917.77	-833.85
536	75	140	16.77	-351.10	-439.36	-377.66	-412.80	-40.48	328.13	-4901.38	-4855.61	282.37	487.07
		587	13.25	-376.45	-404.04	-376.54	-403.96	1.53	2468.72	2003.87	2004.70	2467.89	-19.65
		586	9.70	-309.99	-462.97	-314.67	-458.29	-26.34	1496.90	-625.37	1170.73	-299.21	765.40
		196	14.17	-331.58	-405.12	-333.50	-403.21	-11.71	-819.51	-3960.48	-3953.29	-826.69	-150.06
536	118	140	12.99	-290.97	-329.62	-311.90	-308.68	-19.26	286.49	-3615.05	-3568.59	240.04	423.17
		587	9.87	-289.60	-319.57	-309.72	-299.45	14.08	1885.60	1192.47	1197.39	1880.68	58.18
		586	7.01	-261.10	-346.26	-261.78	-345.58	-7.57	881.45	-547.33	583.39	-249.28	580.54
		196	11.29	-277.65	-305.44	-277.67	-305.42	0.64	-629.10	-3091.04	-3090.79	-629.35	-25.01
536	150	140	13.21	-294.67	-328.72	-316.16	-307.22	-16.42	284.55	-3670.43	-3622.16	236.27	434.28
		587	9.86	-286.77	-324.41	-313.84	-297.33	16.91	1905.64	1142.65	1148.51	1899.79	66.59
		586	6.98	-265.95	-343.84	-266.24	-343.55	-4.73	857.02	-565.72	523.52	-232.21	602.71
		196	11.49	-281.71	-304.60	-282.25	-304.06	3.47	-636.06	-3155.39	-3155.39	-636.06	0.12
537	2	348	10.74	-320.97	-567.17	-540.20	-347.95	-76.89	-333.72	-414.05	-402.76	-345.01	-27.92
		576	9.99	-369.29	-443.81	-411.26	-401.84	36.96	-60.42	-1351.58	-274.81	-1137.19	-480.46
		587	15.39	-368.96	-460.18	-401.32	-427.82	-43.64	3582.31	1985.67	2045.62	3522.36	-303.51
		140	12.39	-324.56	-483.43	-347.53	-460.46	-55.87	1541.70	-2375.28	-2370.57	1536.99	-135.74
537	99	348	6.82	-238.25	-365.72	-351.49	-252.48	-40.14	351.95	-315.94	-56.64	92.65	325.49
		576	7.03	-237.47	-347.19	-280.27	-304.39	53.51	129.96	-816.72	54.35	-741.10	-256.64
		587	11.92	-285.16	-313.55	-290.20	-308.50	-10.85	2938.72	1756.54	1794.40	2900.86	-208.14
		140	10.25	-256.57	-344.97	-259.09	-342.44	14.71	1495.72	-1993.98	-1993.86	1495.60	20.53
537	131	348	6.89	-239.35	-358.64	-345.69	-252.30	-37.10	435.94	-261.28	23.29	151.37	342.68
		576	6.93	-230.78	-347.69	-274.46	-304.01	56.55	189.98	-768.37	129.32	-707.71	-233.35
		587	12.04	-285.47	-311.48	-288.08	-308.88	-7.81	2973.59	1851.90	1887.64	2937.84	-197.02
		140	10.33	-253.34	-346.46	-256.86	-342.94	17.75	1558.22	-1895.87	-1895.67	1558.03	25.73
538	36	89	57.11	-209.30	-496.74	-278.04	-427.99	-122.62	-4023.77	-2.260e+04	-4047.63	-2.258e+04	-665.38
		460	52.71	-157.21	-621.19	-357.78	-420.61	229.85	-4264.74	-2.110e+04	-4293.80	-2.107e+04	-698.70
		576	9.34	-305.65	-467.24	-395.54	-377.36	-80.28	220.33	-675.54	49.62	-504.83	-351.84
		348	13.55	-260.46	-652.70	-515.19	-397.97	187.16	-315.04	-1078.38	-594.67	-798.75	367.77
538	119	89	42.90	-155.55	-366.00	-205.11	-316.44	-89.29	-3014.52	-1.706e+04	-3016.57	-1.706e+04	-169.47
		460	41.04	-113.12	-480.69	-267.30	-326.51	181.38	-3262.76	-1.626e+04	-3263.29	-1.626e+04	-83.44
		576	7.01	-230.75	-345.43	-285.26	-290.91	-57.27	306.67	-757.19	306.58	-757.10	-9.75
		348	9.51	-177.41	-485.20	-373.37	-289.23	148.03	342.47	-551.87	181.00	-390.41	344.00
538	151	89	42.73	-154.65	-362.47	-203.28	-313.84	-87.99	-2995.21	-1.700e+04	-2996.12	-1.700e+04	-113.13
		460	41.20	-111.35	-481.82	-265.97	-327.20	182.69	-3262.22	-1.630e+04	-3262.22	-1.630e+04	-4.06
		576	6.96	-229.63	-342.03	-280.75	-290.91	-55.97	386.07	-779.52	385.74	-779.19	19.68
		348	9.36	-172.24	-482.02	-368.24	-286.02	149.33	441.54	-483.02	278.64	-320.13	352.24
539	88	580	44.44	-296.39	-640.27	-354.74	-581.92	-129.08	-3389.48	-1.600e+04	-3406.79	-1.598e+04	466.89
		18	42.78	-332.84	-597.19	-345.48	-584.56	56.40	-3068.50	-1.514e+04	-3068.97	-1.514e+04	75.19
		128	96.43	-277.38	-740.76	-448.85	-569.29	-223.73	-7924.23	-4.001e+04	-7964.92	-3.997e+04	1141.92
		581	96.28	-321.77	-657.81	-431.02	-548.56	157.41	-7871.45	-3.999e+04	-7872.72	-3.998e+04	-201.28

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
539	122	580	35.29	-197.33	-488.52	-236.27	-449.58	-99.11	-2739.96	-1.273e+04	-2753.28	-1.271e+04	364.57
		18	33.87	-221.87	-458.98	-229.51	-451.33	41.88	-2488.80	-1.201e+04	-2489.21	-1.201e+04	62.55
		128	75.22	-177.62	-550.25	-292.52	-435.35	-172.09	-6224.78	-3.117e+04	-6259.73	-3.113e+04	933.05
		581	75.29	-207.06	-489.17	-277.46	-418.77	122.08	-6208.00	-3.122e+04	-6208.41	-3.122e+04	-100.41
539	154	580	35.57	-189.82	-487.26	-227.37	-449.71	-98.79	-2775.21	-1.284e+04	-2788.24	-1.283e+04	361.85
		18	34.12	-213.17	-459.04	-220.64	-451.57	42.20	-2522.73	-1.211e+04	-2523.11	-1.211e+04	59.76
		128	75.48	-168.59	-545.56	-279.46	-434.69	-171.76	-6258.52	-3.126e+04	-6293.98	-3.123e+04	940.99
		581	75.59	-196.69	-485.76	-264.38	-418.07	122.41	-6245.65	-3.133e+04	-6245.99	-3.133e+04	-92.12
540	2	579	22.04	-333.27	-591.81	-334.22	-590.85	-15.67	5529.14	925.00	926.95	5527.19	94.89
		548	21.82	-333.62	-578.14	-333.69	-578.07	4.02	5579.17	1148.89	1150.53	5577.52	85.34
		18	37.76	-385.89	-589.57	-387.76	-587.70	-19.43	-2643.40	-1.293e+04	-2646.87	-1.293e+04	188.86
		580	38.08	-385.34	-585.44	-385.70	-585.09	8.46	-2783.55	-1.311e+04	-2786.83	-1.311e+04	183.88
540	122	579	14.39	-212.86	-366.47	-214.34	-364.98	15.02	3788.24	693.66	693.92	3787.98	-28.20
		548	14.69	-214.62	-360.83	-216.07	-359.38	14.49	4003.11	904.65	906.03	4001.74	-65.27
		18	22.81	-209.79	-367.96	-212.86	-364.89	21.84	-1629.70	-7689.37	-1629.71	-7689.36	-5.38
		580	23.23	-213.92	-359.62	-214.81	-358.73	11.31	-1764.93	-7961.35	-1767.91	-7958.37	135.91
540	154	579	13.92	-209.59	-365.67	-211.56	-363.70	17.45	3577.32	650.69	651.78	3576.23	-56.44
		548	14.32	-211.49	-360.66	-213.43	-358.71	16.92	3832.34	866.16	869.40	3829.10	-97.99
		18	23.18	-199.92	-366.57	-203.53	-362.96	24.27	-1677.89	-7864.80	-1677.96	-7864.74	-19.84
		580	23.69	-204.68	-357.44	-205.93	-356.19	13.74	-1819.34	-8175.70	-1821.81	-8173.23	125.31
541	56	578	18.95	-281.32	-487.90	-282.04	-487.18	-12.10	4945.41	951.17	958.39	4938.19	169.69
		550	19.03	-293.81	-458.30	-293.82	-458.29	-1.37	5304.27	1427.05	1427.68	5303.64	49.29
		548	22.53	-301.23	-478.13	-301.33	-478.03	4.25	6758.58	1594.10	1597.42	6755.26	130.88
		579	22.80	-297.45	-487.84	-297.45	-487.84	-0.87	6724.97	1187.38	1198.44	6713.91	247.25
541	121	578	15.42	-217.70	-401.64	-219.08	-400.27	-15.85	3965.53	756.05	780.07	3941.52	276.60
		550	15.32	-223.11	-368.51	-223.49	-368.12	-7.48	4256.96	1118.16	1128.50	4246.62	179.87
		548	17.54	-246.47	-386.45	-246.55	-386.37	-3.30	5149.43	1184.46	1199.56	5134.33	244.25
		579	17.90	-245.61	-405.34	-246.04	-404.91	-8.25	5101.72	875.95	904.41	5073.26	345.63
541	153	578	15.68	-217.33	-407.60	-218.94	-405.99	-17.42	4030.11	764.45	794.08	4000.48	309.63
		550	15.53	-222.49	-372.07	-223.04	-371.52	-9.05	4324.23	1129.10	1143.17	4310.16	211.57
		548	17.76	-249.47	-390.69	-249.64	-390.52	-4.88	5216.41	1192.06	1211.22	5197.25	277.03
		579	18.16	-248.96	-411.98	-249.56	-411.39	-9.83	5165.34	881.35	915.30	5131.40	379.81
542	2	318	23.25	-310.09	-572.28	-311.98	-570.39	-22.21	-1060.40	-6212.58	-1099.24	-6173.74	-445.64
		333	20.67	-316.68	-559.28	-316.80	-559.16	-5.27	-1029.85	-5184.94	-1055.04	-5159.74	-322.60
		550	19.73	-320.26	-560.88	-320.39	-560.75	-5.62	4768.14	1212.09	1212.09	4768.13	3.94
		578	19.69	-317.05	-591.69	-318.01	-590.73	-16.20	4428.30	773.44	781.23	4420.51	168.60
542	122	318	11.31	-227.60	-321.94	-228.61	-320.93	9.73	-437.47	-2797.71	-529.44	-2705.74	-456.74
		333	10.27	-238.76	-321.39	-239.12	-321.02	-5.49	-436.32	-2261.73	-436.80	-2261.25	-29.50
		550	15.18	-219.64	-331.26	-222.59	-328.31	17.90	4524.58	1203.28	1206.77	4521.10	-107.51
		578	16.44	-218.85	-336.34	-219.05	-336.14	-4.85	4999.29	954.94	956.32	4997.90	74.76
542	154	318	10.54	-229.63	-315.75	-231.20	-314.17	11.53	-389.61	-2496.48	-478.64	-2407.45	-423.84
		333	9.90	-241.99	-316.74	-242.18	-316.56	-3.70	-414.77	-2123.12	-414.78	-2123.11	3.83
		550	15.40	-218.87	-326.93	-222.58	-323.21	19.69	4664.19	1223.64	1228.42	4659.40	-128.24
		578	16.95	-218.50	-328.84	-218.58	-328.76	-3.06	5298.58	1006.27	1006.94	5297.91	53.68
543	55	586	10.47	-292.06	-432.30	-307.93	-416.44	-44.42	1577.09	887.78	1531.07	933.80	172.06
		480	15.01	-303.59	-636.74	-340.40	-599.93	104.44	-1792.02	-2064.29	-2064.15	-1792.16	-6.20
		333	27.88	-265.80	-539.96	-267.58	-538.19	-21.99	-1579.75	-8544.16	-1589.41	-8534.50	-259.17
		318	26.90	-296.57	-547.90	-307.39	-537.07	51.01	-1646.06	-8342.68	-1769.31	-8219.43	-900.06
543	123	586	7.02	-210.85	-344.28	-216.96	-338.17	-27.89	735.54	-429.78	682.40	-376.64	-243.11
		480	14.99	-215.76	-520.17	-243.56	-492.36	87.69	-2297.50	-3004.90	-2346.27	-2956.13	-179.22
		333	23.50	-191.30	-445.64	-191.84	-445.10	-11.79	-1283.88	-7195.37	-1323.19	-7156.06	-480.45
		318	22.26	-213.84	-441.67	-223.03	-432.48	44.81	-1176.60	-6995.22	-1413.13	-6758.69	-1149.06
543	155	586	7.58	-207.05	-347.66	-212.41	-342.30	-26.92	647.39	-662.26	574.48	-589.35	-300.29
		480	15.62	-212.04	-526.09	-239.46	-498.67	88.66	-2415.67	-3280.99	-2465.80	-3230.86	-202.15
		333	24.23	-188.77	-452.15	-189.21	-451.70	-10.83	-1322.30	-7463.60	-1367.33	-7418.57	-523.97
		318	22.83	-210.72	-446.17	-219.99	-436.91	45.78	-1184.74	-7217.91	-1445.42	-6957.23	-1226.69
544	2	587	13.07	-363.53	-454.60	-370.23	-447.91	-23.76	2320.01	1319.23	1436.77	2202.47	322.20
		492	12.60	-339.99	-447.77	-425.58	-362.18	43.58	3005.76	41.89	52.03	2995.62	173.06
		480	14.43	-283.50	-540.80	-304.02	-520.27	69.71	-1968.24	-2637.82	-2551.45	-2054.61	224.44
		586	11.24	-326.01	-518.56	-331.85	-512.72	-33.02	2096.41	-62.33	2041.41	-7.34	340.14
544	99	587	8.65	-267.71	-322.97	-268.30	-322.38	5.70	1461.75	239.85	265.18	1436.43	174.06
		492	8.95	-204.57	-350.41	-306.94	-248.04	66.71	2105.90	-193.25	-192.28	2104.93	47.12
		480	11.65	-200.06	-383.96	-216.99	-367.03	53.17	-2078.85	-2371.65	-2304.06	-2146.44	123.37
		586	7.90	-243.75	-366.44	-243.89	-366.30	-4.17	683.31	-735.34	629.84	-681.87	270.17
544	131	587	8.47	-265.82	-323.24	-266.97	-322.09	8.03	1390.00	136.10	159.35	1366.76	169.14
		492	8.73	-201.52	-351.35	-305.52	-247.35	69.04	1994.75	-307.15	-306.36	1993.97	42.54
		480	11.88	-198.22	-384.73	-216.53	-366.42	55.50	-2207.25	-2458.49	-2409.98	-2255.76	99.17
		586	8.01	-243.48	-366.12	-243.51	-366.09	-1.84	576.86	-794.56	532.19	-749.89	243.46
545	55	576	10.12	-383.66	-429.73	-422.45	-390.94	-16.80	-84.66	-1262.01	-322.29	-1024.38	-472.55
		577	8.81	-304.83	-433.80	-322.80	-415.82	44.67	445.09	-781.25	415.57	-751.73	-187.95
		492	15.65	-361.26	-480.85	-444.50	-397.61	-55.01	4100.87	915.70	916.85	4099.72	-60.44
		587	14.62	-356.96	-406.49	-367.34	-396.11	20.16	3662.38	1229.86	1229.95	3662.28	-15.10
545	101	576	8.06	-287.85	-349.03	-334.89	-301.99	-25.79	16.32	-1020.75	-212.25	-792.17	-429.88

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		577	6.31	-250.73	-326.96	-257.73	-319.95	22.02	390.68	-375.48	364.47	-349.27	-139.26
		492	12.00	-263.89	-381.94	-342.21	-303.61	-55.78	3087.22	811.85	812.01	3087.06	-19.45
		587	11.34	-281.45	-302.11	-282.33	-301.23	4.17	2831.81	1271.20	1272.60	2830.41	-46.77
545	133	576	8.12	-286.19	-352.84	-336.78	-302.25	-28.50	56.04	-1032.04	-199.47	-776.53	-461.23
		577	6.21	-253.93	-325.62	-259.57	-319.98	19.30	414.69	-335.79	382.96	-304.07	-151.01
		492	12.13	-260.87	-383.98	-341.60	-303.25	-58.50	3142.76	882.09	882.27	3142.58	-20.21
		587	11.41	-281.66	-301.09	-281.77	-300.98	1.46	2859.43	1334.06	1336.94	2856.55	-66.22
546	76	460	52.45	-245.23	-487.79	-340.72	-392.29	-118.51	-4262.90	-2.117e+04	-4263.16	-2.117e+04	-66.69
		454	54.18	-191.37	-612.89	-369.30	-434.96	208.19	-4356.59	-2.163e+04	-4368.11	-2.162e+04	-446.00
		577	8.25	-327.40	-454.33	-364.79	-416.94	-57.86	433.48	-205.01	396.23	-167.75	-149.66
		576	9.73	-290.22	-514.86	-411.63	-393.45	111.95	339.81	-911.79	6.59	-578.58	-553.19
546	113	460	40.65	-163.62	-386.31	-250.48	-299.45	-108.62	-3322.88	-1.647e+04	-3330.98	-1.646e+04	326.07
		454	42.74	-153.67	-447.81	-268.99	-332.49	143.60	-3498.18	-1.711e+04	-3500.15	-1.711e+04	-163.83
		577	8.81	-226.66	-364.33	-269.57	-321.42	-63.77	-318.77	-1315.96	-331.96	-1302.76	-113.94
		576	8.19	-236.86	-371.27	-305.22	-302.91	67.20	-422.13	-1186.71	-521.94	-1086.90	-257.59
546	145	460	40.78	-158.13	-388.26	-247.25	-299.14	-112.10	-3336.55	-1.652e+04	-3347.18	-1.651e+04	374.33
		454	43.04	-155.05	-443.10	-265.79	-332.36	140.12	-3530.47	-1.724e+04	-3531.81	-1.724e+04	-135.46
		577	9.14	-221.69	-366.77	-267.02	-321.44	-67.24	-407.53	-1462.81	-421.20	-1449.14	-119.31
		576	8.33	-238.97	-366.40	-302.63	-302.73	63.72	-504.29	-1248.27	-596.24	-1156.32	-244.85
547	88	552	45.70	-109.36	-241.60	-237.73	-113.24	-22.29	-3222.15	-1.309e+04	-3227.05	-1.308e+04	-219.74
		582	45.21	-115.08	-248.01	-242.76	-120.34	25.89	-3180.20	-1.292e+04	-3182.16	-1.292e+04	-138.48
		581	138.88	-139.58	-287.08	-286.35	-140.31	10.35	4.002e+04	7914.07	7914.58	4.002e+04	127.50
		226	137.26	-128.27	-278.13	-277.59	-128.80	8.92	3.961e+04	7821.82	7821.92	3.961e+04	-57.36
547	118	552	32.63	-83.39	-171.50	-166.95	-87.94	-19.51	-2326.82	-9302.93	-2327.99	-9301.76	-90.31
		582	32.43	-89.84	-175.27	-171.56	-93.55	17.43	-2303.11	-9213.70	-2303.25	-9213.56	-31.67
		581	109.38	-101.16	-175.22	-174.53	-101.85	7.10	3.147e+04	6233.76	6234.62	3.147e+04	147.70
		226	108.26	-92.29	-167.81	-167.56	-92.54	4.33	3.120e+04	6173.88	6173.88	3.120e+04	-0.28
547	154	552	32.09	-82.58	-168.58	-163.26	-87.90	-20.72	-2294.53	-9137.58	-2295.40	-9136.71	-77.14
		582	31.89	-90.14	-171.28	-167.90	-93.52	16.21	-2271.50	-9052.53	-2271.55	-9052.48	-18.31
		581	109.98	-100.08	-164.37	-163.83	-100.62	5.88	3.164e+04	6268.24	6269.23	3.164e+04	158.13
		226	108.87	-90.84	-156.98	-156.83	-90.98	3.11	3.137e+04	6209.25	6209.25	3.137e+04	10.00
548	67	553	103.97	-74.05	-191.57	-189.25	-76.37	-16.35	-6510.48	-3.027e+04	-6512.54	-3.027e+04	-221.17
		583	103.23	-84.22	-191.09	-188.41	-86.90	16.71	-6977.56	-3.013e+04	-6985.75	-3.012e+04	-435.43
		582	45.01	-101.84	-247.93	-245.76	-104.02	17.70	-3235.24	-1.297e+04	-3236.48	-1.297e+04	110.18
		552	45.48	-93.41	-242.40	-241.20	-94.61	-13.34	-3202.86	-1.315e+04	-3221.68	-1.313e+04	-432.31
548	119	553	80.93	-53.89	-133.80	-132.44	-55.25	-10.33	-5058.87	-2.356e+04	-5061.86	-2.356e+04	-235.47
		583	80.32	-60.03	-134.69	-131.65	-63.07	14.76	-5411.24	-2.344e+04	-5420.06	-2.343e+04	-398.70
		582	35.44	-81.12	-208.20	-206.27	-83.04	15.54	-2537.86	-1.022e+04	-2537.94	-1.022e+04	25.15
		552	35.88	-76.00	-203.62	-203.05	-76.56	-8.46	-2510.34	-1.037e+04	-2530.20	-1.035e+04	-394.76
548	151	553	81.14	-53.64	-130.70	-129.40	-54.94	-9.94	-5067.75	-2.362e+04	-5071.01	-2.361e+04	-246.19
		583	80.52	-59.38	-131.92	-128.60	-62.69	15.15	-5419.30	-2.350e+04	-5428.60	-2.349e+04	-410.03
		582	35.63	-81.94	-212.07	-210.09	-83.92	15.93	-2549.02	-1.028e+04	-2549.05	-1.028e+04	14.56
		552	36.08	-77.01	-207.37	-206.87	-77.51	-8.07	-2520.96	-1.043e+04	-2541.73	-1.041e+04	-404.76
549	2	554	71.41	-40.15	-117.58	-115.07	-42.66	-13.71	-4169.99	-2.073e+04	-4189.25	-2.071e+04	-564.47
		584	70.23	-55.85	-113.37	-110.94	-58.28	11.57	-5199.54	-2.060e+04	-5262.23	-2.054e+04	-980.48
		583	102.68	-67.62	-195.36	-193.07	-69.91	16.95	-7041.43	-3.012e+04	-7045.06	-3.011e+04	-289.56
		553	104.21	-56.27	-190.28	-188.42	-58.12	-15.67	-6505.49	-3.044e+04	-6520.76	-3.042e+04	-604.30
549	120	554	55.10	-35.56	-152.81	-152.58	-35.80	-5.27	-3322.49	-1.595e+04	-3326.84	-1.595e+04	-234.33
		584	53.76	-44.69	-152.06	-150.31	-46.43	13.59	-3995.21	-1.586e+04	-4021.83	-1.584e+04	-561.47
		583	78.90	-44.80	-164.34	-161.94	-47.19	16.74	-5404.03	-2.318e+04	-5404.19	-2.318e+04	-52.78
		553	80.26	-38.96	-159.72	-159.35	-39.33	-6.72	-5051.64	-2.338e+04	-5056.70	-2.338e+04	-304.52
549	152	554	55.16	-36.14	-162.86	-162.71	-36.29	-4.37	-3333.17	-1.595e+04	-3336.97	-1.594e+04	-218.65
		584	53.70	-45.22	-162.29	-160.46	-47.05	14.49	-4005.84	-1.586e+04	-4030.93	-1.583e+04	-544.82
		583	78.93	-43.86	-167.44	-164.87	-46.43	17.64	-5407.41	-2.318e+04	-5407.47	-2.318e+04	-33.98
		553	80.29	-38.24	-162.52	-162.25	-38.51	-5.81	-5056.19	-2.338e+04	-5060.69	-2.337e+04	-286.94
550	2	555	19.77	10.87	-151.02	-96.08	-44.07	-76.65	3481.68	-1714.91	1804.22	-37.45	-2429.65
		585	7.50	19.19	-46.14	-11.11	-15.84	32.58	283.83	-1583.94	-1379.64	79.54	582.96
		584	70.30	-45.33	-145.84	-145.35	-45.82	-6.99	-4996.18	-2.068e+04	-5149.93	-2.052e+04	-1545.10
		554	72.54	-27.69	-59.50	-59.33	-27.85	2.27	-4474.91	-2.113e+04	-4482.68	-2.112e+04	-359.66
550	120	555	13.82	-17.81	-189.49	-172.85	-34.45	-50.79	2407.86	-1358.13	1136.46	-86.73	-1780.90
		585	8.51	-8.30	-129.68	-121.21	-16.76	30.91	332.26	-1284.34	-972.12	20.03	638.17
		584	54.45	-29.75	-169.15	-169.14	-29.76	-0.87	-3872.34	-1.590e+04	-3953.60	-1.582e+04	-985.41
		554	56.03	-18.64	-116.49	-116.16	-18.97	5.64	-3538.39	-1.626e+04	-3540.67	-1.625e+04	-170.53
550	152	555	13.82	-20.17	-203.83	-188.96	-35.03	-50.09	2395.85	-1378.88	1116.31	-99.35	-1786.81
		585	8.94	-9.52	-145.15	-137.33	-17.34	31.62	334.99	-1310.78	-990.88	15.08	651.27
		584	54.54	-29.13	-179.04	-179.04	-29.13	-0.16	-3884.69	-1.590e+04	-3963.62	-1.583e+04	-970.78
		554	56.16	-18.00	-126.42	-126.05	-18.37	6.35	-3549.61	-1.627e+04	-3552.07	-1.626e+04	-176.85
551	56	588	15.57	39.98	-283.05	-150.42	-92.66	-158.91	472.48	-725.66	-431.80	178.62	515.49
		389	10.27	55.03	-215.67	-72.78	-87.85	135.14	-87.35	-942.26	-933.69	-95.92	-85.15
		392	23.27	-62.37	-183.11	-152.81	-92.67	-52.35	3265.95	71.21	99.01	3238.16	296.69
		589	23.70	-72.15	-126.42	-123.15	-75.42	12.92	3415.76	-87.33	-84.85	3413.28	93.24
551	117	588	10.37	46.63	-167.23	-58.89	-61.71	-106.92	367.94	-451.37	-313.99	230.57	306.07
		389	8.70	63.48	-118.34	1.99	-56.85	86.02	51.50	-714.82	-698.85	35.53	-109.46

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		392	18.55	-34.83	-109.31	-79.10	-65.04	-36.57	2627.75	136.96	151.34	2613.36	188.74
		589	19.10	-48.88	-58.30	-54.90	-52.29	4.53	2732.64	7.20	7.28	2732.55	-15.07
551	149	588	10.33	53.36	-161.40	-46.37	-61.67	-107.11	370.72	-432.82	-309.94	247.84	289.20
		389	9.09	71.82	-114.03	14.51	-56.73	85.83	73.67	-712.64	-694.68	55.71	-117.49
		392	18.76	-31.35	-105.04	-70.68	-65.70	-36.76	2649.80	153.29	166.54	2636.55	181.40
		589	19.34	-44.33	-55.18	-46.49	-53.02	4.34	2753.42	21.47	21.83	2753.06	-31.27
552	76	589	25.85	-82.31	-168.23	-155.05	-95.49	-30.96	3693.52	-51.10	-50.01	3692.43	63.92
		392	22.14	-93.66	-137.17	-135.45	-95.38	-8.47	3127.77	22.24	35.85	3114.16	205.15
		289	35.01	-82.16	-157.42	-146.28	-93.30	-26.73	5358.14	723.08	723.75	5357.47	-55.80
		590	36.80	-77.20	-163.20	-150.05	-90.36	-30.95	5642.77	611.07	635.00	5618.83	-346.22
552	109	589	21.38	-43.62	-97.24	-75.59	-65.28	-26.31	3074.53	77.37	77.40	3074.51	8.56
		392	18.96	-51.87	-75.14	-60.47	-66.53	-11.24	2702.28	151.33	156.74	2696.87	117.36
		289	28.65	-55.65	-109.29	-95.33	-69.61	-23.53	4407.13	667.73	669.36	4405.50	-77.98
		590	29.61	-50.04	-114.12	-97.81	-66.35	-27.91	4562.96	565.08	589.21	4538.83	-309.63
552	141	589	21.71	-39.60	-93.62	-67.71	-65.51	-26.99	3117.87	99.72	99.72	3117.87	1.83
		392	19.37	-45.89	-73.68	-52.63	-66.93	-11.91	2758.05	177.16	181.92	2753.28	110.79
		289	29.04	-55.22	-108.14	-92.35	-71.00	-24.21	4463.22	689.89	691.78	4461.34	-84.34
		590	29.92	-49.51	-112.85	-94.80	-67.56	-28.59	4607.05	584.05	609.31	4581.79	-317.78
553	76	590	37.10	-85.21	-173.68	-154.69	-104.19	-36.32	5647.85	658.24	687.61	5618.47	-381.71
		289	35.14	-95.81	-153.49	-143.22	-106.07	-22.06	5307.17	715.74	716.17	5306.73	-44.78
		299	20.39	-72.01	-173.27	-149.02	-96.26	-43.22	3029.19	494.76	518.46	3005.49	-243.90
		591	19.56	-84.07	-166.73	-153.83	-96.97	-30.00	2875.12	340.88	381.73	2834.27	-319.13
553	113	590	28.81	-52.05	-124.28	-100.87	-75.46	-33.80	4400.65	575.61	591.77	4384.48	-248.14
		289	27.70	-62.76	-110.16	-92.79	-80.13	-22.84	4185.67	624.51	624.51	4185.67	0.58
		299	16.24	-55.24	-143.90	-121.66	-77.48	-38.44	2399.81	404.51	413.91	2390.41	-136.63
		591	15.19	-61.13	-138.14	-124.63	-74.64	-29.29	2234.78	286.70	300.32	2221.15	-162.37
553	145	590	28.83	-50.52	-123.55	-97.74	-76.33	-34.91	4398.87	589.68	604.72	4383.83	-238.86
		289	27.85	-61.41	-109.98	-89.77	-81.62	-23.94	4200.59	639.70	639.72	4200.58	7.77
		299	16.38	-56.44	-146.58	-123.14	-79.88	-39.54	2410.49	409.02	417.03	2402.48	-126.39
		591	15.21	-61.99	-140.43	-125.99	-76.43	-30.39	2229.02	289.36	300.37	2218.01	-145.73
554	67	591	18.88	-57.59	-205.91	-159.28	-104.22	-68.86	2766.24	276.16	341.74	2700.66	-398.77
		299	20.01	-105.71	-152.68	-152.41	-105.98	-3.57	2898.52	502.42	512.38	2888.55	-154.22
		18	40.09	2.29	-262.37	-165.74	-94.34	-127.42	-1267.01	-6224.15	-1267.87	-6223.29	65.27
		580	43.08	-66.87	-188.66	-168.56	-86.96	45.20	-1357.12	-6833.29	-1357.61	-6832.80	-51.89
554	115	591	10.67	-58.49	-151.90	-128.76	-81.63	-40.33	1478.07	88.34	135.97	1430.45	-252.83
		299	11.31	-84.03	-125.35	-123.84	-85.54	7.77	1520.57	252.01	255.54	1517.04	-66.84
		18	34.91	-23.32	-206.58	-150.19	-79.71	-84.58	-1113.96	-5480.25	-1115.24	-5478.97	74.89
		580	37.01	-52.57	-171.38	-151.81	-72.15	44.07	-1174.34	-5886.77	-1174.37	-5886.74	-12.26
554	147	591	9.90	-61.98	-151.30	-130.26	-83.02	-37.90	1341.05	61.34	108.86	1293.53	-241.99
		299	10.51	-84.97	-128.04	-125.47	-87.54	10.20	1372.01	223.53	226.30	1369.24	-56.33
		18	35.83	-29.13	-209.00	-155.64	-82.49	-82.16	-1144.07	-5628.42	-1145.52	-5626.98	80.58
		580	37.88	-53.47	-177.99	-157.14	-74.32	46.49	-1202.49	-6023.87	-1202.50	-6023.86	-6.19
555	67	48	18.09	-60.75	-203.60	-154.69	-109.66	-67.78	2658.74	612.94	690.15	2581.53	-389.87
		591	20.03	-105.13	-159.42	-156.49	-108.06	12.28	2845.95	438.10	501.46	2782.59	-385.41
		580	44.34	-22.35	-243.42	-166.56	-99.21	-105.28	-1383.77	-6920.11	-1383.87	-6920.01	23.65
		46	48.30	-75.14	-197.64	-167.74	-105.03	52.61	-1531.78	-7594.92	-1531.86	-7594.85	-21.16
555	119	48	10.14	-57.79	-151.54	-124.72	-84.61	-42.37	1417.90	277.52	388.50	1306.92	-337.99
		591	12.09	-78.17	-131.95	-125.90	-84.23	16.99	1580.21	168.36	251.41	1497.17	-332.19
		580	37.76	-37.84	-196.80	-153.47	-81.17	-70.78	-1191.25	-5947.53	-1191.37	-5947.41	24.35
		46	41.09	-61.15	-177.91	-154.18	-84.87	46.98	-1312.47	-6498.48	-1312.48	-6498.47	-8.54
555	151	48	9.42	-60.49	-151.30	-126.06	-85.74	-40.69	1291.30	230.57	358.59	1163.28	-345.55
		591	11.48	-78.46	-134.42	-127.27	-85.61	18.68	1455.16	129.67	223.20	1361.63	-339.45
		580	38.59	-42.53	-200.21	-159.33	-83.40	-69.10	-1218.90	-6082.98	-1219.04	-6082.84	26.14
		46	41.99	-62.55	-184.31	-160.01	-86.85	48.67	-1341.77	-6642.00	-1341.78	-6641.99	-6.69
556	76	291	37.24	-95.50	-172.33	-158.14	-109.69	-29.82	5808.42	1220.75	1322.65	5706.52	-676.10
		590	37.19	-99.28	-158.97	-153.49	-104.77	-17.24	5657.26	703.84	733.26	5627.83	-380.64
		591	19.83	-83.89	-167.74	-153.10	-98.53	-31.83	2947.74	482.23	551.28	2878.68	-406.80
		48	18.27	-92.22	-162.51	-154.92	-99.81	-21.80	2688.82	648.18	710.75	2626.25	-351.80
556	117	291	29.00	-59.39	-120.39	-101.33	-78.45	-28.28	4543.06	967.06	1037.26	4472.86	-496.10
		590	29.04	-64.84	-108.39	-97.86	-75.37	-18.64	4405.52	513.98	530.81	4388.70	-255.34
		591	15.38	-61.74	-137.69	-123.79	-75.64	-29.37	2295.67	391.84	432.15	2255.36	-274.07
		48	14.33	-67.23	-133.64	-124.92	-75.95	-22.43	2125.88	517.46	555.81	2087.52	-245.39
556	149	291	29.06	-57.70	-119.16	-97.78	-79.08	-29.27	4547.97	969.35	1038.14	4479.18	-491.39
		590	29.06	-63.57	-106.87	-94.33	-76.11	-19.64	4398.80	511.80	527.66	4382.94	-247.79
		591	15.38	-62.62	-139.86	-125.09	-77.38	-30.37	2287.88	393.56	431.78	2249.67	-266.34
		48	14.41	-68.14	-135.65	-126.20	-77.59	-23.42	2131.76	519.15	555.89	2095.02	-240.62
557	76	16	33.15	-96.10	-171.58	-161.22	-106.46	-25.98	4861.28	93.54	157.21	4797.60	-547.28
		589	25.24	-93.65	-150.91	-150.27	-94.30	-6.03	3556.44	-200.37	-197.01	3553.08	112.41
		590	37.89	-84.21	-160.86	-152.56	-92.51	-23.81	5820.89	679.05	707.48	5792.47	-381.26
		291	37.05	-87.31	-164.40	-156.39	-95.32	-23.53	5850.87	1263.70	1412.85	5701.72	-813.59
557	109	16	25.96	-50.42	-101.87	-81.25	-71.03	-25.21	3848.36	229.57	271.12	3806.80	-385.55
		589	20.88	-56.58	-80.42	-72.42	-64.59	-11.26	2977.95	18.12	18.90	2977.17	47.96
		590	30.43	-55.38	-112.73	-100.13	-67.98	-23.74	4674.14	553.06	568.90	4658.31	-254.95

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		291	28.67	-55.85	-115.61	-102.54	-68.92	-24.70	4547.67	1009.01	1094.93	4461.74	-544.67
557	149	16	26.30	-46.13	-94.66	-67.81	-72.97	-24.13	3884.24	276.04	321.93	3838.35	-404.32
		589	21.16	-51.10	-72.23	-58.82	-64.51	-10.17	3016.78	71.45	71.53	3016.71	14.90
		590	30.74	-56.06	-107.72	-94.29	-69.48	-22.66	4703.55	545.49	563.78	4685.25	-275.19
		291	28.94	-57.18	-110.91	-96.85	-71.24	-23.62	4573.39	1009.75	1100.99	4482.15	-562.89
558	56	47	36.02	31.97	-249.27	-121.56	-95.74	-140.03	2508.96	-3193.44	-3002.99	2318.51	1024.58
		588	15.49	45.24	-246.12	-110.50	-90.38	145.33	42.91	-1211.45	-75.75	-1092.78	367.11
		589	30.56	-53.44	-174.55	-141.32	-86.68	-54.04	4142.24	-477.35	-421.96	4086.85	502.79
		16	28.95	-85.65	-173.27	-167.67	-91.26	21.45	4212.94	181.99	362.44	4032.49	-833.55
558	124	47	28.01	-13.02	-208.77	-156.41	-65.38	-86.65	1801.51	-2700.64	-2545.79	1646.66	820.46
		588	12.70	5.21	-212.88	-147.93	-59.73	99.73	-155.25	-1140.93	-315.33	-980.85	363.54
		589	23.95	-44.15	-163.60	-154.96	-52.79	-30.94	3074.33	-545.67	-485.37	3014.04	463.27
		16	21.85	-56.32	-177.40	-175.24	-58.48	16.01	3115.19	-4.96	118.31	2991.91	-607.81
558	156	47	28.60	-17.09	-216.84	-168.28	-65.65	-85.68	1777.83	-2750.86	-2594.59	1621.56	826.61
		588	13.13	2.71	-222.15	-159.73	-59.71	100.69	-189.42	-1185.35	-364.83	-1009.94	379.38
		589	24.22	-44.54	-171.14	-163.59	-52.09	-29.98	3053.13	-581.46	-517.49	2989.16	477.94
		16	22.02	-55.89	-186.20	-183.95	-58.14	16.98	3091.94	-33.93	86.94	2971.07	-602.68
559	2	333	20.68	-310.03	-562.08	-310.85	-561.27	-14.32	-1184.40	-5174.90	-1190.82	-5168.48	-159.93
		254	19.54	-330.31	-502.49	-330.38	-502.42	-3.48	-635.77	-5111.62	-654.14	-5093.25	286.11
		551	19.29	-326.88	-524.86	-327.44	-524.30	10.54	4905.85	1619.33	1619.92	4905.25	44.23
		550	19.76	-322.76	-562.72	-322.97	-562.51	-7.16	4761.62	1140.11	1140.11	4761.62	-0.10
559	124	333	9.82	-209.49	-320.41	-219.75	-310.15	32.14	-440.28	-2144.76	-452.10	-2132.94	-141.44
		254	10.99	-236.13	-326.65	-238.75	-324.03	15.18	-101.59	-2528.63	-160.17	-2470.05	372.49
		551	15.44	-208.23	-335.40	-220.72	-322.91	37.85	4686.24	1411.14	1412.11	4685.27	-56.25
		550	15.63	-220.97	-331.34	-223.61	-328.69	16.87	4729.43	1164.88	1164.88	4729.43	-2.99
559	156	333	9.36	-207.84	-317.51	-220.60	-304.75	35.16	-394.82	-1964.45	-406.92	-1952.35	-137.27
		254	10.63	-236.20	-325.04	-240.10	-321.13	18.20	-60.01	-2372.38	-118.99	-2313.40	364.57
		551	15.73	-205.27	-334.17	-219.88	-319.55	40.87	4838.30	1427.57	1429.12	4836.75	-72.68
		550	15.91	-218.47	-326.63	-222.26	-322.83	19.89	4904.86	1186.62	1186.64	4904.85	-7.82
560	55	254	18.98	-288.18	-427.69	-294.08	-421.79	28.08	-1081.96	-5498.25	-1134.01	-5446.19	476.64
		5	20.10	-308.06	-411.24	-314.85	-404.44	25.59	-1007.35	-6164.60	-1048.83	-6123.11	460.66
		11	16.45	-288.75	-423.87	-309.14	-403.48	48.36	4562.76	1330.66	1348.27	4545.15	237.90
		551	18.37	-297.33	-454.68	-301.26	-450.75	24.56	5000.09	812.77	816.35	4996.52	122.32
560	124	254	11.33	-213.80	-317.15	-223.07	-307.89	29.53	-593.99	-2810.87	-638.18	-2766.68	309.85
		5	13.30	-233.04	-319.52	-242.89	-309.67	27.48	-631.07	-3741.32	-656.26	-3716.14	278.76
		11	13.40	-210.34	-327.65	-231.21	-306.78	44.86	3839.48	1021.45	1021.46	3839.47	5.65
		551	15.36	-215.72	-334.67	-222.21	-328.18	27.03	4525.78	699.31	700.62	4524.48	-70.67
560	156	254	10.96	-212.22	-314.93	-222.53	-304.61	30.87	-573.30	-2659.31	-618.05	-2614.56	302.24
		5	13.12	-232.16	-320.09	-242.92	-309.32	28.82	-626.35	-3658.11	-650.30	-3634.16	268.39
		11	13.58	-208.18	-327.93	-229.98	-306.13	46.21	3920.71	1022.57	1022.74	3920.54	-22.32
		551	15.64	-213.18	-331.85	-220.41	-324.63	28.37	4678.01	713.40	715.72	4675.69	-95.83
561	55	480	14.30	-231.09	-569.52	-233.15	-567.46	-26.33	-1250.51	-2779.95	-1998.94	-2031.52	764.55
		256	11.14	-307.98	-478.86	-321.03	-465.81	45.38	944.89	-1252.23	867.27	-1174.61	405.61
		254	29.18	-300.53	-487.27	-300.60	-487.19	3.77	-1546.99	-9616.25	-1619.05	-9544.20	759.09
		333	27.60	-312.35	-563.11	-324.46	-551.00	53.77	-1870.03	-8487.41	-1874.22	-8483.22	-166.41
561	121	480	14.68	-167.20	-472.89	-167.93	-472.16	-14.94	-2001.69	-3281.20	-2182.07	-3100.81	445.27
		256	11.45	-218.39	-374.41	-229.25	-363.56	39.69	253.70	-2265.88	224.89	-2237.07	267.89
		254	23.63	-222.48	-382.05	-222.85	-381.68	7.69	-1358.56	-7868.01	-1413.81	-7812.76	597.13
		333	22.98	-237.51	-469.57	-247.05	-460.03	46.07	-1616.04	-7042.88	-1625.63	-7033.29	-227.93
561	153	480	15.34	-164.85	-480.00	-165.47	-479.38	-13.91	-2128.41	-3503.92	-2273.16	-3359.16	422.09
		256	11.97	-214.57	-375.80	-225.62	-364.75	40.72	165.97	-2497.56	140.74	-2472.33	258.00
		254	24.16	-220.77	-383.77	-221.24	-383.30	8.72	-1415.25	-8095.73	-1469.42	-8041.56	599.09
		333	23.67	-237.02	-477.29	-246.65	-467.67	47.11	-1678.11	-7294.67	-1688.29	-7284.49	-238.85
562	66	492	13.84	-264.43	-424.02	-355.06	-333.39	79.05	3529.24	360.18	445.69	3443.73	-513.49
		292	13.38	-241.72	-379.12	-243.32	-377.52	-14.77	3430.92	527.32	895.26	3062.98	-965.90
		256	10.21	-256.64	-441.04	-307.58	-390.09	82.46	1569.80	891.96	1550.03	911.73	114.06
		480	13.95	-193.06	-532.49	-243.88	-481.66	-121.11	-2140.40	-2834.25	-2714.77	-2259.88	261.97
562	99	492	9.72	-190.19	-330.79	-265.90	-255.07	70.09	2136.79	-154.77	-43.79	2025.82	-491.93
		292	9.60	-183.46	-288.97	-183.62	-288.82	-4.06	2277.19	7.72	365.85	1919.06	-827.35
		256	7.20	-184.99	-339.99	-229.50	-295.47	70.13	863.26	499.52	838.49	524.28	91.62
		480	11.14	-151.66	-395.95	-184.46	-363.16	-83.28	-1918.46	-2399.61	-2316.70	-2001.37	181.71
562	131	492	9.58	-187.38	-331.35	-264.43	-254.29	71.81	2043.18	-238.53	-118.17	1922.83	-510.03
		292	9.50	-182.15	-288.37	-182.20	-288.32	-2.35	2216.26	-77.29	296.76	1842.21	-847.34
		256	7.03	-182.15	-340.73	-227.90	-294.98	71.85	784.78	424.39	763.05	446.12	85.78
		480	11.34	-151.31	-393.90	-182.84	-362.38	-81.57	-2023.69	-2479.31	-2397.36	-2105.64	175.00
563	55	577	9.59	-378.59	-430.69	-380.35	-428.93	9.42	17.57	-926.20	8.46	-917.10	-92.27
		592	8.51	-320.47	-414.50	-327.35	-407.62	24.50	419.51	-643.08	406.16	-629.73	118.36
		292	14.36	-254.25	-494.10	-271.53	-476.82	-62.02	3041.91	649.07	769.80	2921.18	-523.74
		492	15.24	-303.23	-391.18	-332.24	-362.17	-41.35	4336.17	1250.02	1286.59	4299.60	-333.96
563	101	577	6.85	-296.66	-328.94	-296.83	-328.78	-2.28	144.01	-443.55	143.94	-443.48	6.63
		592	6.05	-255.69	-317.08	-257.11	-315.66	9.23	505.09	-260.34	468.87	-224.12	162.51
		292	11.10	-191.14	-385.43	-209.63	-366.94	-57.02	2338.62	780.47	846.18	2272.90	-313.16
		492	11.53	-224.14	-309.70	-256.48	-277.36	-41.49	3221.50	1028.85	1045.71	3204.64	-191.53

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
563	133	577	6.74	-296.80	-329.18	-297.37	-328.61	-4.27	181.71	-394.25	181.37	-393.92	13.80
		592	6.18	-256.88	-316.87	-257.77	-315.98	7.24	553.02	-210.73	508.89	-166.61	178.20
		292	11.24	-190.07	-386.82	-209.73	-367.16	-59.01	2393.41	848.95	907.46	2334.90	-294.86
		492	11.65	-222.11	-311.47	-256.48	-277.10	-43.48	3273.69	1090.08	1105.17	3258.60	-180.90
564	75	454	54.89	-266.66	-541.78	-378.22	-430.22	-135.08	-4381.73	-2.207e+04	-4389.54	-2.206e+04	371.45
		457	55.36	-215.42	-637.71	-390.06	-463.07	207.96	-4416.72	-2.198e+04	-4431.95	-2.197e+04	-517.07
		592	8.88	-278.32	-484.64	-319.48	-443.48	-82.45	557.52	-310.24	472.01	-224.73	258.63
		577	9.36	-279.22	-500.36	-358.47	-421.11	106.04	384.23	-552.59	96.42	-264.78	-432.20
564	115	454	43.07	-191.38	-380.11	-246.89	-324.60	-86.00	-3531.47	-1.738e+04	-3543.41	-1.736e+04	406.35
		457	43.62	-118.39	-486.91	-254.03	-351.27	177.73	-3576.46	-1.731e+04	-3585.30	-1.730e+04	-348.21
		592	8.14	-203.69	-357.38	-220.03	-341.05	-47.37	101.78	-1121.25	40.25	-1059.71	267.35
		577	8.19	-181.90	-389.61	-250.20	-321.31	97.58	-223.08	-1100.08	-285.48	-1037.68	-225.46
564	147	454	43.33	-187.82	-374.00	-238.20	-323.61	-82.72	-3570.48	-1.749e+04	-3583.09	-1.748e+04	418.79
		457	43.93	-109.54	-486.55	-245.42	-350.67	181.01	-3616.57	-1.744e+04	-3624.80	-1.743e+04	-337.25
		592	8.40	-201.18	-355.02	-215.07	-341.13	-44.09	57.86	-1246.80	-4.04	-1184.90	277.35
		577	8.45	-175.37	-390.91	-245.16	-321.12	100.86	-277.55	-1207.83	-329.49	-1155.90	-213.58
565	55	256	11.90	-298.85	-471.57	-298.90	-471.52	2.96	-65.65	-1842.10	-200.88	-1706.87	471.11
		359	9.58	-295.79	-439.28	-324.65	-410.42	57.52	252.89	-1246.27	176.44	-1169.82	-329.79
		5	24.49	-302.44	-422.77	-320.00	-405.22	42.48	-1435.03	-8168.81	-1472.84	-8131.01	503.15
		254	28.74	-298.48	-506.55	-308.20	-496.84	43.89	-1905.35	-9374.52	-1927.21	-9352.66	403.54
565	121	256	12.07	-225.77	-374.63	-228.71	-371.69	20.72	-224.10	-2619.82	-272.78	-2571.14	338.02
		359	9.69	-209.10	-351.71	-245.91	-314.91	62.41	109.20	-2058.01	59.39	-2008.20	-324.75
		5	19.68	-217.72	-337.63	-245.21	-310.14	50.40	-1119.92	-6640.44	-1138.33	-6622.03	318.26
		254	23.32	-221.92	-407.19	-238.17	-390.94	52.41	-1494.71	-7649.47	-1510.41	-7633.77	310.43
565	153	256	12.61	-224.37	-377.66	-228.45	-373.58	24.67	-244.08	-2834.76	-287.59	-2791.25	332.91
		359	10.11	-205.02	-354.78	-245.21	-314.60	66.36	101.14	-2250.63	50.32	-2199.80	-341.98
		5	20.11	-214.18	-340.79	-245.04	-309.94	54.35	-1148.48	-6834.21	-1165.18	-6817.51	307.69
		254	23.87	-220.07	-411.31	-238.45	-392.93	56.36	-1528.29	-7873.33	-1543.68	-7857.93	312.16
566	55	292	15.48	-216.76	-418.92	-257.43	-378.26	81.04	3819.32	421.55	703.02	3537.84	-936.57
		363	13.52	-247.93	-352.33	-259.24	-341.02	-32.44	3570.64	811.34	902.08	3479.90	492.08
		359	11.75	-235.14	-398.84	-311.00	-322.97	81.63	2501.89	911.47	1007.14	2406.22	-378.16
		256	10.39	-290.75	-394.82	-292.40	-393.17	-13.00	1724.02	441.95	638.21	1527.76	461.63
566	110	292	11.56	-200.75	-314.70	-220.33	-295.11	42.99	2918.48	489.13	651.60	2756.01	-606.88
		363	10.76	-197.57	-300.94	-223.15	-275.36	-44.60	2730.31	745.68	816.24	2659.76	367.49
		359	9.01	-207.44	-292.95	-244.23	-256.17	42.33	1992.95	550.52	629.72	1913.75	-328.60
		256	8.43	-218.02	-309.60	-228.48	-299.13	-29.14	1474.52	164.04	342.47	1296.10	449.43
566	142	292	11.62	-207.39	-313.30	-224.84	-295.85	39.29	2967.76	540.34	689.71	2818.39	-583.33
		363	10.93	-198.53	-307.13	-228.02	-277.64	-48.30	2779.53	784.16	852.27	2711.43	362.28
		359	9.07	-212.37	-290.62	-245.31	-257.69	38.63	2032.62	524.45	604.12	1952.95	-337.36
		256	8.58	-216.13	-311.75	-229.20	-298.69	-32.84	1527.83	137.29	319.08	1346.05	468.76
567	2	592	9.68	-347.73	-427.91	-347.94	-427.70	-4.11	-659.56	-835.60	-714.23	-780.93	-81.46
		593	8.72	-302.38	-433.51	-315.09	-420.81	38.79	-246.09	-506.37	-305.23	-447.22	109.07
		363	13.39	-268.62	-441.69	-272.47	-437.84	25.53	2798.66	550.39	570.59	2778.45	212.15
		292	14.75	-278.96	-458.35	-281.63	-455.68	-21.72	3277.19	349.63	391.29	3235.53	-346.74
567	117	592	7.20	-235.04	-323.06	-235.86	-322.24	8.47	-506.80	-701.71	-626.33	-582.18	94.92
		593	6.69	-193.11	-333.08	-214.79	-311.40	50.64	-392.32	-433.65	-433.07	-392.90	4.86
		363	8.32	-183.60	-328.96	-184.76	-327.80	12.92	1319.70	24.31	114.71	1229.29	330.06
		292	10.27	-185.43	-349.67	-189.88	-345.22	26.68	1917.44	-104.43	60.76	1752.25	-553.81
567	149	592	7.13	-230.06	-323.40	-231.52	-321.94	11.58	-475.82	-695.74	-621.57	-549.98	103.97
		593	6.65	-186.78	-333.45	-210.22	-310.00	53.75	-375.85	-437.17	-436.82	-376.20	4.59
		363	8.34	-179.11	-328.28	-180.85	-326.54	16.02	1331.83	11.59	94.44	1248.98	320.18
		292	10.39	-180.80	-350.42	-186.20	-345.02	29.78	1943.37	-115.52	47.08	1780.77	-555.28
568	75	457	53.48	-225.58	-542.40	-364.39	-403.60	-157.19	-4474.46	-2.165e+04	-4480.77	-2.164e+04	329.01
		429	51.87	-167.39	-619.61	-372.16	-414.85	225.10	-4159.28	-2.081e+04	-4197.52	-2.078e+04	-797.17
		593	8.95	-303.31	-431.24	-310.31	-424.23	-29.10	-334.87	-626.02	-378.78	-582.10	-104.19
		592	10.02	-308.20	-460.31	-347.14	-421.37	66.39	-729.24	-860.78	-768.53	-821.49	60.20
568	111	457	42.06	-158.11	-375.16	-228.84	-304.44	-101.73	-3557.14	-1.705e+04	-3565.74	-1.705e+04	340.63
		429	41.07	-76.88	-468.94	-234.49	-311.33	192.23	-3341.98	-1.647e+04	-3365.83	-1.645e+04	-559.09
		593	8.55	-207.71	-323.56	-207.82	-323.45	-3.53	-526.27	-1409.06	-527.23	-1408.10	-29.17
		592	9.28	-197.61	-362.24	-236.56	-323.30	69.96	-800.24	-1503.50	-809.56	-1494.18	80.42
568	143	457	42.34	-154.34	-368.15	-218.93	-303.56	-98.17	-3589.02	-1.718e+04	-3598.20	-1.717e+04	353.15
		429	41.41	-66.92	-467.74	-224.51	-310.15	195.78	-3379.09	-1.661e+04	-3401.69	-1.659e+04	-546.35
		593	8.82	-202.03	-323.15	-202.03	-323.15	0.03	-562.14	-1548.66	-562.65	-1548.15	-22.44
		592	9.53	-190.19	-363.81	-230.83	-323.16	73.52	-831.96	-1626.81	-841.58	-1617.19	86.91
569	55	359	8.90	-336.96	-411.08	-340.23	-407.81	15.21	578.23	-901.17	556.59	-879.53	-177.62
		485	9.48	-283.35	-391.28	-306.51	-368.11	44.31	1455.29	-499.40	892.85	63.05	-884.91
		216	18.04	-321.36	-407.22	-374.38	-354.19	41.72	-345.93	-5557.90	-410.06	-5493.78	574.54
		5	24.70	-287.53	-440.73	-312.94	-415.32	56.99	-1090.15	-8090.33	-1105.31	-8075.17	325.45
569	113	359	9.28	-234.07	-337.87	-260.88	-311.06	45.43	15.35	-1892.01	-12.75	-1863.92	-229.76
		485	7.14	-185.97	-330.90	-233.76	-283.12	68.13	430.96	-1369.71	129.61	-1068.37	-672.17
		216	14.63	-213.60	-345.24	-288.78	-270.06	65.15	-402.35	-4520.38	-458.57	-4464.15	477.88
		5	19.97	-192.81	-365.53	-241.27	-317.08	77.60	-1019.64	-6642.46	-1025.71	-6636.39	184.67
569	145	359	9.72	-227.21	-343.98	-260.67	-310.52	52.79	-68.26	-2104.40	-99.32	-2073.34	-249.56

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		485	7.47	-178.66	-337.37	-233.56	-282.47	75.49	342.84	-1529.65	51.00	-1237.81	-679.19
		216	15.03	-206.08	-352.42	-289.04	-269.46	72.51	-449.93	-4678.70	-506.49	-4622.14	485.82
		5	20.43	-186.14	-371.94	-241.45	-316.63	84.95	-1075.90	-6846.23	-1081.41	-6840.72	178.15
570	35	363	12.70	-219.96	-379.03	-247.14	-351.85	59.87	3238.76	631.75	704.69	3165.83	429.91
		486	14.73	-227.59	-385.83	-334.19	-279.23	-74.19	3966.95	1974.35	2569.35	3371.95	911.91
		485	10.29	-213.11	-449.47	-319.22	-343.36	117.56	1224.21	-229.50	909.93	84.77	-598.41
		359	11.31	-299.74	-345.93	-329.88	-315.78	-21.99	2439.27	1478.06	1480.55	2436.78	-48.86
570	116	363	9.82	-192.40	-280.87	-194.44	-278.82	13.31	2419.99	417.64	457.43	2380.20	279.44
		486	12.12	-153.75	-339.84	-265.77	-227.82	-91.09	3109.98	1347.38	1768.43	2688.94	751.56
		485	7.23	-202.82	-323.77	-247.96	-278.63	58.50	901.47	39.61	774.76	166.32	-305.20
		359	9.14	-201.29	-303.01	-255.14	-249.17	-50.77	1881.48	1370.61	1373.48	1878.61	-38.23
570	148	363	9.94	-195.29	-280.77	-195.78	-280.28	6.47	2451.26	416.88	452.79	2415.34	267.90
		486	12.39	-149.82	-349.00	-267.54	-231.28	-97.92	3166.17	1351.54	1768.81	2748.91	763.59
		485	7.26	-211.06	-319.59	-248.72	-281.93	51.66	946.57	125.24	833.41	238.39	-283.08
		359	9.31	-195.29	-310.63	-255.48	-250.44	-57.61	1928.47	1424.21	1427.40	1925.27	-39.99
571	55	593	7.91	-293.15	-413.76	-298.89	-408.02	25.69	458.40	-500.79	351.09	-393.48	-302.35
		594	9.37	-310.35	-381.27	-310.40	-381.22	1.87	491.81	-1410.07	123.22	-1041.48	751.77
		486	14.49	-279.79	-317.32	-308.74	-288.37	15.76	4191.85	2749.31	2970.64	3970.52	519.90
		363	12.34	-243.31	-475.39	-266.86	-451.84	70.08	2131.68	209.41	237.19	2103.90	229.42
571	94	593	5.97	-246.42	-321.04	-246.98	-320.48	6.47	344.50	-172.57	279.53	-107.60	-171.39
		594	6.74	-255.02	-314.96	-257.24	-312.74	-11.32	422.14	-779.66	102.23	-459.75	531.16
		486	11.04	-240.79	-250.90	-250.85	-240.84	-0.69	3065.03	1789.50	1945.94	2908.58	418.42
		363	9.32	-204.46	-363.42	-215.62	-352.27	40.60	1567.34	1.75	47.19	1521.89	262.83
571	126	593	6.06	-249.63	-321.79	-249.86	-321.56	4.10	346.63	-124.54	283.63	-61.54	-160.35
		594	6.69	-257.45	-319.52	-260.63	-316.35	-13.68	441.11	-739.44	108.23	-406.56	531.20
		486	11.18	-243.37	-254.48	-253.57	-244.29	-3.06	3108.74	1778.24	1928.77	2958.21	421.44
		363	9.42	-207.78	-363.24	-217.84	-353.19	38.24	1612.07	-20.03	28.41	1563.63	276.98
572	76	429	53.53	-266.16	-565.69	-387.00	-444.85	-146.95	-4247.37	-2.127e+04	-4247.47	-2.127e+04	40.28
		446	47.89	-146.15	-601.07	-341.98	-405.24	225.25	-3824.38	-1.916e+04	-3926.50	-1.905e+04	-1247.08
		594	10.23	-245.84	-429.67	-285.75	-389.76	-75.78	1292.60	-324.06	230.48	738.06	767.46
		593	9.36	-241.70	-492.15	-301.08	-432.78	106.52	514.56	-168.83	321.39	24.34	-307.72
572	111	429	42.15	-189.09	-395.00	-248.97	-335.13	-93.51	-3446.99	-1.683e+04	-3449.00	-1.683e+04	163.98
		446	38.08	-57.51	-452.58	-213.40	-296.69	193.09	-3156.98	-1.531e+04	-3222.71	-1.524e+04	-891.29
		594	6.84	-181.06	-303.77	-195.42	-289.41	-39.44	270.98	-1232.96	-168.89	-793.09	684.15
		593	8.70	-151.06	-390.22	-208.64	-332.64	102.25	21.50	-1241.42	-15.28	-1204.64	-212.37
572	143	429	42.46	-185.07	-388.21	-239.28	-334.00	-89.86	-3490.29	-1.698e+04	-3492.71	-1.697e+04	180.72
		446	38.46	-46.82	-450.59	-203.41	-294.01	196.74	-3210.14	-1.547e+04	-3272.02	-1.541e+04	-868.92
		594	7.18	-178.87	-299.53	-190.64	-287.77	-35.79	209.13	-1374.65	-205.17	-960.35	696.07
		593	9.03	-144.52	-392.14	-204.18	-332.47	105.90	-13.48	-1375.79	-45.50	-1343.77	-206.39
573	15	485	12.52	-354.25	-484.03	-399.20	-439.09	-61.75	2614.42	615.04	2375.68	853.79	-648.34
		595	8.03	-237.31	-426.56	-416.74	-247.12	41.97	399.37	-944.01	-308.75	-235.89	-670.70
		99	10.98	-371.56	-394.41	-376.28	-389.69	-9.25	-268.96	-1958.77	-281.40	-1946.33	144.42
		216	17.66	-258.45	-394.36	-330.22	-322.59	67.85	481.39	-5391.70	463.32	-5373.63	325.26
573	113	485	8.09	-313.64	-348.66	-316.40	-345.90	-9.44	1270.44	-773.76	1144.68	-647.99	-491.19
		595	6.77	-114.00	-345.25	-320.46	-138.79	71.55	-74.27	-639.53	-500.31	-213.49	-243.54
		99	7.88	-233.21	-311.09	-293.51	-250.79	32.55	332.34	-1375.36	16.36	-1059.38	663.14
		216	14.40	-158.71	-346.86	-263.93	-241.65	93.41	575.91	-4224.93	504.86	-4153.89	579.69
573	145	485	8.02	-318.55	-346.27	-318.60	-346.22	-1.15	1187.48	-946.88	1061.64	-821.04	-502.76
		595	6.99	-99.96	-349.47	-320.59	-128.85	79.83	-88.55	-646.90	-544.53	-190.91	-216.04
		99	8.06	-218.91	-316.47	-294.37	-241.01	40.84	443.39	-1411.32	53.50	-1021.43	755.72
		216	14.85	-150.77	-355.85	-266.42	-240.20	101.70	599.38	-4361.51	515.73	-4277.87	638.72
574	47	595	8.66	-235.69	-434.81	-381.38	-289.12	-88.23	-0.61	-592.71	-236.08	-357.24	-289.78
		98	56.27	-107.51	-623.87	-482.19	-249.19	230.40	-4615.51	-2.212e+04	-2.203e+04	-4698.47	-1202.04
		6	60.57	-147.90	-521.55	-471.98	-197.47	-126.75	-4802.21	-2.383e+04	-2.382e+04	-4802.54	-79.26
		99	12.79	-194.87	-627.00	-463.76	-358.11	209.51	-198.94	-1458.84	-206.80	-1450.98	99.20
574	110	595	8.84	-186.51	-378.67	-293.89	-271.30	-95.41	95.04	-1048.55	-398.75	-554.75	-566.45
		98	43.49	-129.46	-461.34	-368.58	-222.23	148.94	-3474.91	-1.728e+04	-1.715e+04	-3602.20	-1319.35
		6	46.86	-113.49	-418.14	-350.89	-180.74	-126.35	-3658.24	-1.852e+04	-1.851e+04	-3667.45	-369.75
		99	9.95	-202.73	-469.50	-350.95	-321.28	132.56	-488.06	-1451.00	-518.28	-1420.79	-167.88
574	142	595	9.37	-186.56	-389.20	-294.13	-281.64	-101.13	112.92	-1184.36	-457.46	-613.99	-643.90
		98	43.56	-139.38	-457.73	-368.03	-229.08	143.22	-3455.95	-1.734e+04	-1.720e+04	-3598.27	-1398.36
		6	46.95	-113.08	-422.58	-348.48	-187.18	-132.07	-3651.67	-1.857e+04	-1.855e+04	-3664.06	-429.72
		99	10.03	-213.11	-467.43	-349.29	-331.25	126.84	-529.07	-1534.15	-582.48	-1480.74	-225.44
575	75	486	16.43	-228.45	-407.50	-372.86	-263.08	-70.72	4399.72	3192.88	3994.64	3597.96	569.90
		596	7.76	-280.93	-363.95	-361.99	-282.89	-12.60	1172.40	-736.74	-521.13	956.79	604.27
		595	9.25	-322.82	-395.34	-395.30	-322.87	-1.88	240.67	-1363.55	-535.91	-586.97	-801.70
		485	11.41	-332.22	-358.18	-353.66	-336.74	-9.85	2583.04	87.17	2419.13	251.08	-618.24
575	110	486	13.83	-167.34	-343.12	-297.57	-212.89	-77.03	3739.70	2667.35	3367.76	3039.29	510.40
		596	7.22	-225.28	-306.76	-290.14	-241.91	-32.83	1168.90	-337.89	-171.29	1002.30	472.52
		595	6.62	-259.09	-318.87	-307.25	-270.72	-23.66	276.31	-540.71	-106.55	-157.85	-407.71
		485	8.51	-240.12	-303.77	-271.66	-272.23	-31.82	1877.54	19.22	1813.19	83.57	-339.77
575	142	486	14.16	-166.06	-350.18	-299.79	-216.45	-82.09	3844.46	2726.39	3458.81	3112.04	531.47
		596	7.61	-226.32	-314.45	-292.86	-247.91	-37.90	1272.51	-249.13	-75.33	1098.72	484.00

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		595	6.53	-259.36	-324.98	-308.02	-276.33	-28.73	327.55	-438.19	-42.25	-68.40	-382.65
		485	8.65	-236.75	-310.61	-271.95	-275.41	-36.89	1924.76	97.29	1872.36	149.69	-305.00
576	75	596	8.95	-214.86	-415.31	-372.21	-257.96	-82.35	1139.75	-212.37	31.34	896.03	519.74
		327	46.65	-107.00	-534.14	-400.94	-240.21	197.87	-3723.99	-1.847e+04	-1.834e+04	-3847.29	-1342.57
		98	55.44	-155.94	-488.48	-410.49	-233.94	-140.90	-4775.79	-2.211e+04	-2.209e+04	-4796.34	-596.60
		595	8.58	-274.11	-446.16	-390.94	-329.33	80.31	87.78	-1207.29	-492.16	-627.34	-644.00
576	116	596	8.01	-154.39	-355.33	-290.74	-218.97	-93.84	1064.10	-63.09	109.84	891.16	406.23
		327	34.86	-124.40	-388.69	-312.80	-200.29	119.57	-2723.88	-1.378e+04	-1.364e+04	-2866.15	-1246.18
		98	43.36	-97.33	-401.97	-308.38	-190.91	-140.54	-3678.66	-1.729e+04	-1.725e+04	-3715.73	-709.31
		595	7.29	-250.12	-316.41	-294.68	-271.85	31.12	-47.43	-1148.42	-818.03	-377.82	-504.58
576	148	596	8.35	-151.98	-364.36	-292.03	-224.31	-100.64	1141.13	-1.04	170.77	969.32	408.31
		327	34.77	-134.10	-384.63	-313.89	-204.84	112.77	-2696.54	-1.374e+04	-1.359e+04	-2849.02	-1288.85
		98	43.59	-93.37	-408.62	-307.00	-195.00	-147.34	-3680.23	-1.738e+04	-1.733e+04	-3724.72	-779.39
		595	7.43	-259.39	-310.85	-293.53	-276.72	24.31	-6.87	-1204.97	-886.54	-325.30	-529.26
577	55	594	9.49	-240.72	-391.24	-254.69	-377.27	-43.67	1798.19	-1095.41	1343.18	-640.40	1053.36
		597	10.28	-268.12	-314.75	-302.98	-279.89	-20.25	1231.10	-2546.41	-513.67	-801.64	1883.26
		596	10.29	-221.70	-403.93	-377.13	-248.49	-64.54	2154.06	-597.63	-265.84	1822.26	896.05
		486	16.65	-300.23	-424.43	-404.98	-319.67	45.13	4598.19	3162.91	3774.53	3986.57	709.76
577	118	594	8.60	-188.14	-342.92	-212.84	-318.22	-56.69	1789.65	-291.80	1584.12	-86.28	620.92
		597	8.10	-204.72	-280.26	-248.91	-236.07	-37.22	1284.88	-1143.12	215.39	-73.62	1205.37
		596	9.34	-169.28	-343.06	-302.75	-209.58	-73.35	2039.07	115.49	331.70	1822.86	607.58
		486	13.47	-270.47	-330.44	-327.53	-273.38	12.88	3583.48	2499.22	3081.27	3001.42	540.66
577	150	594	8.87	-188.60	-351.02	-216.10	-323.52	-60.92	1880.15	-225.71	1692.46	-38.02	600.02
		597	8.33	-204.03	-287.79	-251.90	-239.93	-41.45	1367.13	-1005.01	334.00	28.11	1176.17
		596	9.65	-169.14	-349.48	-305.28	-213.34	-77.57	2131.15	211.66	423.55	1919.26	601.52
		486	13.73	-277.16	-331.71	-330.30	-278.57	8.66	3650.33	2556.32	3162.69	3043.96	543.77
578	76	597	17.24	-103.73	-460.63	-312.54	-251.82	-175.85	2629.17	-2128.99	700.15	-199.97	2336.13
		97	31.84	-37.09	-442.90	-338.38	-141.61	177.46	-2367.23	-1.225e+04	-1.194e+04	-2680.13	-1730.72
		327	50.07	-171.70	-552.34	-458.81	-265.23	-163.87	-3803.33	-1.914e+04	-1.912e+04	-3823.04	-549.48
		596	9.57	-215.70	-418.77	-393.92	-240.55	66.55	1922.41	719.83	910.43	1731.82	439.18
578	95	597	12.41	-79.69	-334.77	-233.25	-181.22	-124.86	1290.76	-2401.50	-155.77	-954.97	1802.36
		97	24.31	-1.76	-336.54	-252.67	-85.63	145.06	-1890.14	-9486.48	-9148.17	-2228.46	-1567.00
		327	39.00	-117.92	-405.98	-345.23	-178.67	-117.51	-3159.54	-1.503e+04	-1.502e+04	-3172.13	-386.46
		596	7.37	-147.27	-322.38	-296.76	-172.89	61.88	847.86	-556.79	-346.63	637.70	501.03
578	127	597	12.36	-79.91	-331.79	-232.20	-179.50	-123.16	1231.50	-2482.09	-213.01	-1037.58	1810.45
		97	24.39	2.82	-336.08	-251.33	-81.93	146.77	-1916.76	-9541.98	-9195.69	-2263.05	-1587.64
		327	39.21	-116.09	-402.77	-343.90	-174.96	-115.80	-3206.82	-1.514e+04	-1.513e+04	-3219.57	-389.92
		596	7.64	-144.45	-322.50	-295.78	-171.17	63.59	766.55	-692.49	-468.18	542.24	526.27
579	76	446	50.05	-284.81	-560.69	-362.03	-483.47	-123.85	-3819.18	-1.924e+04	-3833.10	-1.922e+04	-463.00
		432	33.55	-74.64	-504.65	-224.90	-354.39	205.02	-2405.94	-1.311e+04	-2769.56	-1.275e+04	-1939.30
		597	18.45	-86.49	-482.10	-256.10	-312.49	-195.79	2978.78	-1954.28	51.39	973.11	2423.09
		594	10.05	-218.43	-440.00	-259.13	-399.30	85.80	1966.35	777.77	1526.71	1217.41	573.82
579	111	446	39.56	-197.67	-396.21	-235.57	-358.31	-78.02	-3244.22	-1.538e+04	-3259.57	-1.537e+04	-431.41
		432	25.93	-8.58	-380.42	-130.16	-258.83	174.43	-1931.62	-1.035e+04	-2355.23	-9926.72	-1840.33
		597	12.95	-70.09	-343.44	-182.84	-230.69	-134.57	1326.61	-2484.52	-958.83	-199.07	1867.32
		594	8.37	-140.76	-342.82	-184.93	-298.65	83.51	520.14	-913.75	172.55	-566.16	614.48
579	143	446	39.91	-192.81	-390.36	-227.20	-355.97	-74.90	-3308.71	-1.555e+04	-3324.95	-1.554e+04	-445.64
		432	26.08	0.76	-379.02	-121.81	-256.45	177.55	-1962.93	-1.045e+04	-2401.90	-1.001e+04	-1879.03
		597	12.85	-70.96	-338.44	-180.05	-229.35	-131.45	1228.53	-2611.15	-1087.54	-295.08	1878.51
		594	8.82	-135.74	-343.82	-182.15	-297.41	86.63	393.25	-1123.90	25.07	-755.72	650.41
580	88	432	32.61	-83.12	-505.33	-189.16	-399.28	-183.10	-2971.02	-1.120e+04	-3244.21	-1.092e+04	-1474.06
		2	19.22	380.18	-150.23	106.69	123.26	265.08	2619.51	-2170.87	187.06	261.58	-2394.90
		97	31.40	23.59	-520.49	-393.89	-103.02	-229.91	-3007.65	-1.032e+04	-1.010e+04	-3230.45	-1256.63
		597	12.83	-262.61	-266.39	-266.05	-262.95	-1.08	3147.17	-2169.71	398.68	578.79	2656.91
580	99	432	25.22	-63.21	-369.59	-135.36	-297.45	-130.00	-2294.73	-8728.21	-2629.13	-8393.81	-1428.12
		2	16.77	311.48	-120.13	87.59	103.76	215.65	2393.83	-2048.85	136.14	208.83	-2221.04
		97	24.30	21.83	-384.31	-296.45	-66.04	-167.22	-2303.61	-8009.34	-7734.75	-2578.20	-1221.22
		597	9.23	-182.11	-211.46	-199.19	-194.38	14.48	1513.61	-2086.50	-329.67	-243.22	1799.54
580	131	432	25.31	-63.67	-366.58	-133.99	-296.27	-127.89	-2304.89	-8786.45	-2653.62	-8437.72	-1462.43
		2	17.03	315.31	-120.53	89.04	105.75	217.76	2423.21	-2108.59	117.86	196.76	-2265.56
		97	24.40	21.80	-381.48	-295.58	-64.11	-165.12	-2308.33	-8065.27	-7778.26	-2595.35	-1252.98
		597	9.26	-179.08	-212.64	-198.44	-193.28	16.58	1442.63	-2114.34	-379.50	-292.21	1777.95
Elem.			**Von Mises**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
					-2085.87	-1488.55	-1144.77	-1025.73		-4.022e+04	-3.718e+04	-4.022e+04	-1.190e+04
			143.20	872.07		759.33	483.11	510.62	4.009e+04		3.182e+04	4.009e+04	1.164e+04

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

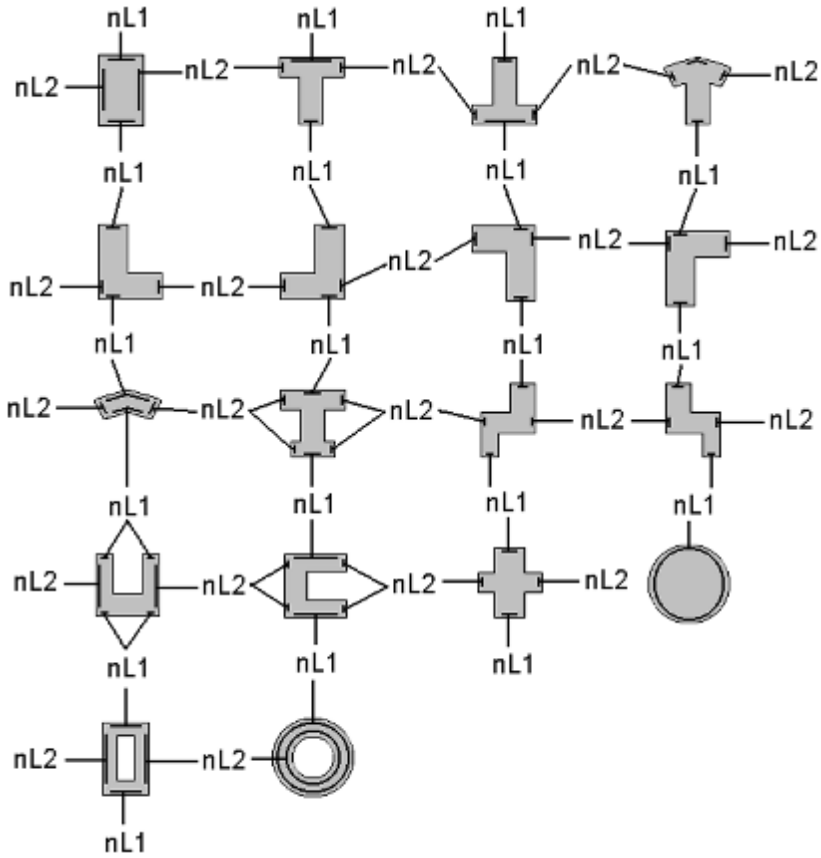
Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d, le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

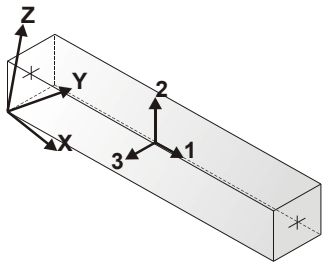
Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze **(G.R.)** vengono riportate le verifiche di sovraresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

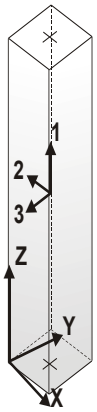
Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali





Orientamento elementi 2D non verticali



Orientamento elementi 2D verticali

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

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

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

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

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

Simbologia adottata nelle tabelle di verifica

Per le verifiche alle T.A. di pilastri e travi è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
M_T Z P P	Numero della travata, quota media pilastrata iniziale e finale (nodo in assenza di pilastrata)
Pilas. o Trave	numero identificativo dell'elemento D2
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m); nella terza riga viene riportato il valore delle snellezze in direzione 2-2 e 3-3
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Quota	Ascissa del punto di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Armat. long.	Numero e diametro dei ferri di armatura longitudinale: ferri di vertice + ferri di lato (come da fig. precedente)
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup	Area di armatura longitudinale posta all'estradosso della trave
Sc max	Massima tensione di compressione del calcestruzzo
Sc med	Massima tensione media di compressione del calcestruzzo
Sf max	Tensione massima nell'acciaio
staffe	Vengono riportati i dati del tratto di staffatura in cui cade la sezione di verifica; in particolare: numero dei bracci, diametro, passo, lunghezza tratto
Tau max	Tensione massima tangenziale nel cls
Rif. comb	Combinazioni in cui si generano i seguenti valori di tensione: Sc max, Sc med, Sf max, Tau max
AfV	area dell'armatura atta ad assorbire le azioni di taglio
AfT	area dell'armatura atta ad assorbire le azioni di torsione
Scorr. P	Scorrimento dei piegati
Af long.	Area del ferro longitudinale aggiuntivo per assorbire la torsione

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^*: valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto Nsd/Nrd ed Nrd calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche alla G.R. dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	numero identificativo dell'elemento D2 pilastro
sovr. Xi (Xf)	Verifica sovraresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovraresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per le verifiche dei dettagli costruttivi per la duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29
dmu_fi 2-2 (3-3)	Domanda in duttilità di curvatura in direzione 2 (3)
cmu_fi 2-2 (3-3)	Capacità in duttilità di curvatura in direzione 2 (3)
V. dutt. 2-2 (3-3)	Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3)

Per le verifiche nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
Bj2 (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
Hjc2 (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio Vjbd e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effattivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Fattore di sicurezza nei riguardi della verifica di resistenza a compressione (verificato se < 1.00).
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione.
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione.
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione.
ver. (-)	Fattore di sicurezza nei riguardi della verifica di resistenza a trazione (verificato se < 1.00).
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione.
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione.
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione.
Area G	Area resistente del nodo.
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte

%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

Per le verifiche alla G.R. delle travi è presente una tabella con i simboli di seguito descritti:

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
VEd, min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
VEd, max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
Vr1	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

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

Test N°	Titolo
24	TENSIONI E ROTAZIONI RISPETTO ALLA CORDA DI ELEMENTI TRAVE
27	FRECCIA DI ELEMENTI TRAVE
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
68	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
69	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D
120	PROGETTO E VERIFICA DI TRAVI PREM

					M_P= 1	**X=925.0**	**Y=500.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
			cm						L=cm			
47	s=6,m=1	ok,ok	505.0	1.37	0.13	4d14 2+2 d14	0.17	5.28e-03	2+2d8/10 L=80	0.19	0.13	56,117,104,93
			725.9	1.37	0.13	4d14 2+2 d14	0.09	0.0	2+2d8/15 L=282	0.19	0.20	56,0,104,93
	[b=1.0;1.0]		946.8	1.37	0.13	4d14 2+2 d14	5.98e-03	0.0	2+2d8/10 L=80	0.19	0.13	56,0,104,93
					M_P= 2	**X=925.0**	**Y=625.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
46	s=6,m=1	ok,ok	505.0	1.37	0.35	4d14 2+2 d14	0.16	0.03	2+2d8/10 L=90	0.17	0.12	55,112,100,93
			745.5	1.37	0.35	4d14 2+2 d14	0.08	0.02	2+2d8/15 L=301	0.17	0.18	55,112,100,93
	[b=1.0;1.0]		986.0	1.37	0.35	4d14 2+2 d14	9.85e-03	0.02	2+2d8/10 L=90	0.17	0.12	36,112,100,93
					M_P= 3	**X=1845.0**	**Y=775.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
41	s=6,m=1	ok,ok	505.0	1.37	0.0	4d14 2+2 d14	0.22	0.0	2+2d8/10 L=80	0.18	0.13	75,0,106,93
			720.5	1.37	0.0	4d14 2+2 d14	0.11	0.0	2+2d8/15 L=271	0.18	0.19	75,0,106,93

	[b=1.0;1.0]		936.0	1.37	0.0	4d14 2+2 d14	8.05e-03	0.0	2+2d8/10 L=80	0.18	0.13	75,0,106,93
					M_P= 4	**X=1995.0**	**Y=775.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
42	s=6,m=1	ok,ok	505.0	1.37	0.54	4d14 2+2 d14	0.05	0.08	2+2d8/10 L=80	0.20	0.15	76,104,101,109
			720.5	1.37	0.54	4d14 2+2 d14	0.04	0.07	2+2d8/15 L=271	0.20	0.23	76,104,101,109
	[b=1.0;1.0]		936.0	1.37	0.54	4d14 2+2 d14	0.04	0.07	2+2d8/10 L=80	0.20	0.15	76,104,101,109
Pilas.				**%Af**	**r. snell.**		**V N/M**	**V N sis**		**V V/T cls**	**V V/T acc**	
				1.37	0.54		0.22	0.08		0.20	0.23	

Pilas.	**sovr. Xi**	**sovr. Xf**	**sovr. Yi**	**sovr. Yf**	**M 2-2 i**	**M 2-2 f**	**M 3-3 i**	**M 3-3 f**	**Luce per V**	**V M2-2**	**V M3-3**
					daN cm	daN cm	daN cm	daN cm	cm	daN	daN
41	0.0	0.0	0.0	0.0	5.449e+05	5.340e+05	5.449e+05	5.340e+05	401.00	2989.31	2989.31
42	0.0	0.0	0.0	0.0	6.484e+05	6.382e+05	6.484e+05	6.382e+05	401.00	3557.30	3557.30
46	0.0	0.0	0.0	0.0	6.029e+05	5.912e+05	6.029e+05	5.912e+05	465.50	2849.58	2849.58
47	0.0	0.0	0.0	0.0	5.821e+05	5.711e+05	5.821e+05	5.711e+05	411.80	3109.61	3109.61
Pilas.					**M 2-2 i**	**M 2-2 f**	**M 3-3 i**	**M 3-3 f**		**V M2-2**	**V M3-3**
					6.484e+05	6.382e+05	6.484e+05	6.382e+05		3557.30	3557.30

Pilas.	**nid**	**alfaomega**	**V. 7.4.29**	**V. 7.4.29**	**V. 7.4.29**	**dmu_fi**	**dmu_fi**	**cmu_fi**	**cmu_fi**	**V. dut.**	**V. dut.**
			2-2	**3-3**	**Stato**	**2-2**	**3-3**	**2-2**	**3-3**	**2-2**	**3-3**
41	0.0	0.06	0.0	0.0	ok	11.0	12.9	16.3	16.3	0.68	0.79
	0.0	0.06	0.0	0.0	ok			16.3	16.3	0.68	0.79
42	0.05	0.06	0.08	0.19	ok	11.0	12.9	10.0	10.0	1.10	1.29
	0.04	0.06	0.0	0.08	ok			10.6	10.6	1.04	1.22
46	0.02	0.06	0.0	0.0	ok	11.0	12.9	13.4	13.4	0.82	0.96
	9.97e-03	0.06	0.0	0.0	ok			14.6	14.6	0.76	0.88
47	3.43e-03	0.06	0.0	0.0	ok	11.0	12.9	15.7	15.7	0.70	0.82
	0.0	0.06	0.0	0.0	ok			16.3	16.3	0.68	0.79
			2-2	**3-3**						**2-2**	**3-3**
			0.08	0.19						1.10	1.29

Nodo	**Conf.**	**Stato**	**Pilas.**	**Diam st**	**Passo**	**n. br. 2**	**Bj2**	**Hjc2**	**n. br. 3**	**Bj3**	**Hjc3**	**V. 7.4.8**	**V. Ash**	**7.4.10**	**Rif. cmb**
				mm	cm		cm	cm		cm	cm				
104	NO	ok	41	10	5.0	2	30.0	22.6	2	30.0	22.6	0.6	1.0	NO	93,93
477	NO	ok	42	10	5.0	2	30.0	22.6	2	30.0	22.6	0.6	1.0	NO	93,101
488	NO	ok	47	10	5.0	2	30.0	22.6	2	30.0	22.6	0.6	1.0	NO	93,93
489	NO	ok	46	10	5.0	2	30.0	22.6	2	30.0	22.6	0.6	1.0	NO	93,109
Nodo					**Passo**							**V. 7.4.8**	**V. Ash**		
					5.00										
												0.56	0.99		

							M_T= 4	**Z=400.0**	**N=100**	**N=217**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
		cm									L=cm		
4	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.18	0.04	0.02	2d10/30 L=164	45,88,24	
	s=4,m=1	164.0	0.42	6.3	6.3	0.0	0.12	0.18	0.04	0.02	2d10/30 L=164	45,88,2	
							M_T= 5	**Z=400.0**	**N=91**	**N=251**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
5	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.60	0.23	0.31	2d10/30 L=165	85,2,2	
	s=4,m=1	165.0	0.42	6.3	6.3	0.0	0.12	0.05	0.21	0.27	2d10/30 L=165	119,2,2	
							M_T= 7	**Z=400.0**	**N=132**	**N=443**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
7	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.10	0.12	0.06	2d10/30 L=124	46,45,46	
	s=4,m=1	123.8	0.42	6.3	6.3	0.0	0.12	0.04	0.10	0.03	2d10/30 L=124	2,45,46	
8	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.06	0.12	0.01	2d10/30 L=141	2,2,45	
	s=4,m=1	141.2	0.42	6.3	6.3	0.0	0.12	0.03	0.14	0.03	2d10/30 L=141	99,2,2	
							M_T= 8	**Z=400.0**	**N=332**	**N=470**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	

9	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.08	0.08	0.04	2d10/30 L=117	65,85,65
	s=4,m=1	117.5	0.42	6.3	6.3	0.0	0.12	0.03	0.10	0.07	2d10/30 L=117	15,85,65
10	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.04	0.15	0.10	2d10/30 L=171	21,2,66
	s=4,m=1	171.5	0.42	6.3	6.3	0.0	0.12	0.34	0.18	0.14	2d10/30 L=171	66,2,66
							M_T= 1	**Z=505.0**	**N=153**	**N=278**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
1	ok,ok	0.0	0.31	9.4	9.4	0.0	0.06	0.04	0.62	0.29	2d10/11 L=100	2,118,124
	s=5,m=1	165.0	0.31	9.4	9.4	0.0	0.06	0.61	0.38	0.43	2d10/30 L=65	56,118,124
34	ok,ok	0.0	0.31	9.4	9.4	0.0	0.06	0.69	0.31	0.43	2d10/30 L=165	56,112,124
	s=5,m=1	165.0	0.31	9.4	9.4	0.0	0.06	0.42	0.47	0.68	2d10/30 L=165	55,112,124
33	ok,ok	0.0	0.31	9.4	9.4	0.0	0.06	0.55	0.46	0.68	2d10/30 L=15	16,119,124
	s=5,m=1	115.0	0.31	9.4	9.4	0.0	0.06	0.11	0.61	0.34	2d10/11 L=100	2,119,124
							M_T= 2	**Z=505.0**	**N=200**	**N=233**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
2	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.15	0.51	0.28	2d10/11 L=50	56,124,124
	s=4,m=1	82.5	0.42	6.3	6.3	0.0	0.12	0.05	0.47	0.67	2d10/30 L=65	75,118,124
		165.0	0.42	6.3	6.3	0.0	0.12	0.15	0.51	0.28	2d10/11 L=50	56,124,124
							M_T= 3	**Z=505.0**	**N=10**	**N=232**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
3	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.16	0.51	0.28	2d10/11 L=50	16,123,124
	s=4,m=1	82.5	0.42	6.3	6.3	0.0	0.12	0.05	0.46	0.67	2d10/30 L=65	35,123,124
		165.0	0.42	6.3	6.3	0.0	0.12	0.16	0.51	0.28	2d10/11 L=50	16,123,124
							M_T= 6	**Z=505.0**	**N=219**	**N=284**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
6	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.10	0.52	0.28	2d10/11 L=50	47,110,124
	s=4,m=1	82.0	0.42	6.3	6.3	0.0	0.12	0.06	0.47	0.67	2d10/30 L=64	16,110,124
		164.0	0.42	6.3	6.3	0.0	0.12	0.10	0.52	0.28	2d10/11 L=50	47,110,124
							M_T= 13	**Z=505.0**	**P=3**	**P=4**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
35	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.07	0.92	0.23	2d10/7 L=120	15,102,124
	s=1,m=1	150.0	0.70	6.3	6.3	0.0	0.18	0.07	0.92	0.23	2d10/7 L=120	15,102,124
							M_T= 14	**Z=505.0**	**N=220**	**N=571**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
36	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	2.87e-03	0.73	0.35	2d10/11 L=120	75,122,124
	s=4,m=1	150.0	0.42	6.3	6.3	0.0	0.12	2.87e-03	0.73	0.35	2d10/11 L=120	87,122,124
37	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	5.88e-03	0.27	0.16	2d10/11 L=50	85,100,124
	s=4,m=1	152.5	0.42	6.3	6.3	0.0	0.12	0.03	0.26	0.40	2d10/30 L=175	85,100,124
		305.0	0.42	6.3	6.3	0.0	0.12	5.88e-03	0.27	0.16	2d10/11 L=50	85,100,124
56	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.24	0.44	0.25	2d10/11 L=50	67,120,124
	s=4,m=1	82.5	0.42	6.3	6.3	0.0	0.12	8.05e-03	0.43	0.67	2d10/30 L=65	2,120,124
		165.0	0.42	6.3	6.3	0.0	0.12	0.24	0.44	0.25	2d10/11 L=50	67,120,124
							M_T= 15	**Z=505.0**	**P=1**	**P=2**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
55	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.21	0.46	0.25	2d10/11 L=50	2,117,124
	s=4,m=1	82.5	0.42	6.3	6.3	0.0	0.12	8.35e-03	0.45	0.67	2d10/30 L=65	76,117,124
		165.0	0.42	6.3	6.3	0.0	0.12	0.21	0.46	0.25	2d10/11 L=50	2,117,124
40	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.03	0.31	0.19	2d10/11 L=50	56,123,124
	s=4,m=1	167.5	0.42	6.3	6.3	0.0	0.12	0.19	0.22	0.36	2d10/30 L=205	56,123,124
		335.0	0.42	6.3	6.3	0.0	0.12	0.03	0.31	0.19	2d10/11 L=50	56,123,124
38	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.15	0.94	0.44	2d10/11 L=95	67,120,124
	s=4,m=1	125.0	0.42	6.3	6.3	0.0	0.12	0.11	0.94	0.44	2d10/11 L=95	117,120,124
54	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	7.86e-03	0.18	0.11	2d10/11 L=50	86,117,124
	s=4,m=1	227.5	0.42	6.3	6.3	0.0	0.12	0.06	0.15	0.26	2d10/30 L=325	86,117,124
		455.0	0.42	6.3	6.3	0.0	0.12	7.86e-03	0.18	0.11	2d10/11 L=50	86,117,124
							M_T= 16	**Z=505.0**	**N=142**	**N=491**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
39	ok,ok	0.0	0.84	6.3	6.3	0.0	0.19	4.44e-03	1.00	0.21	2d10/7 L=120	47,94,120
	s=3,m=1	150.0	0.84	6.3	6.3	0.0	0.19	4.44e-03	1.00	0.21	2d10/7 L=120	47,94,120
							M_T= 25	**Z=505.0**	**N=233**	**N=302**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
57	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.18	0.47	0.25	2d10/11 L=50	2,94,124
	s=4,m=1	82.5	0.42	6.3	6.3	0.0	0.12	8.91e-03	0.46	0.67	2d10/30 L=65	65,94,124
		165.0	0.42	6.3	6.3	0.0	0.12	0.18	0.47	0.25	2d10/11 L=50	2,94,124
							M_T= 26	**Z=505.0**	**N=28**	**N=232**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
58	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.16	0.47	0.25	2d10/11 L=50	2,93,124
	s=4,m=1	82.5	0.42	6.3	6.3	0.0	0.12	9.15e-03	0.46	0.67	2d10/30 L=65	86,93,124
		165.0	0.42	6.3	6.3	0.0	0.12	0.16	0.47	0.25	2d10/11 L=50	2,93,124
							M_T= 23	**Z=720.0**	**N=505**	**N=506**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
52	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.0	0.03	0.02	2d10/30 L=145	76,2,2
	s=4,m=1	145.0	0.42	6.3	6.3	0.0	0.12	0.0	0.03	0.02	2d10/30 L=145	2,2,45
							M_T= 12	**Z=790.0**	**N=138**	**N=516**		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb

26	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.03	0.15	0.13	2d10/21 L=124	56,55,56	
	s=1,m=1	123.8	0.70	6.3	6.3	0.0	0.18	0.05	0.16	0.14	2d10/21 L=124	76,55,75	
30	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.05	0.15	0.14	2d10/21 L=141	75,3,15	
	s=1,m=1	141.3	0.70	6.3	6.3	0.0	0.18	0.09	0.17	0.16	2d10/21 L=141	36,35,36	
28	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.09	0.16	0.15	2d10/21 L=145	36,76,36	
	s=1,m=1	145.0	0.70	6.3	6.3	0.0	0.18	0.09	0.17	0.16	2d10/21 L=145	75,76,15	
27	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.09	0.23	0.21	2d10/21 L=204	75,75,15	
	s=1,m=1	204.0	0.70	6.3	6.3	0.0	0.18	0.10	0.23	0.22	2d10/21 L=204	75,75,36	
29	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.10	0.20	0.20	2d10/21 L=181	75,55,15	
	s=1,m=1	181.0	0.70	6.3	6.3	0.0	0.18	0.08	0.20	0.19	2d10/21 L=181	75,55,56	
31	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.08	0.15	0.14	2d10/21 L=125	75,55,75	
	s=1,m=1	125.0	0.70	6.3	6.3	0.0	0.18	0.06	0.14	0.13	2d10/21 L=125	75,55,56	
32	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.06	0.19	0.18	2d10/21 L=164	15,76,75	
	s=1,m=1	164.0	0.70	6.3	6.3	0.0	0.18	0.05	0.18	0.17	2d10/21 L=164	56,76,56	
							M_T= 22	**Z=773.0**	**N=143**	**N=204**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
51	ok,ok	0.0	0.42	6.3	6.3	0.0	0.12	0.0	0.06	0.02	2d10/30 L=150	99,114,86	
	s=4,m=1	150.0	0.42	6.3	6.3	0.0	0.12	0.0	0.06	0.02	2d10/30 L=150	55,114,47	
							M_T= 24	**Z=781.5**	**N=150**	**N=441**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
53	ok,ok	0.0	0.37	5.6	5.6	0.0	0.12	0.0	0.04	0.02	2d10/30 L=126	119,47,35	
	s=4,m=1	126.2	0.37	5.6	5.6	0.0	0.12	0.02	0.03	0.01	2d10/30 L=126	35,47,2	
							M_T= 9	**Z=891.3**	**N=138**	**N=258**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
11	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	8.34e-03	0.03	0.01	2d10/21 L=173	55,2,86	
	s=1,m=1	172.9	0.70	6.3	6.3	0.0	0.18	1.78e-03	0.04	0.02	2d10/21 L=173	55,21,55	
12	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	1.81e-03	0.02	0.01	2d10/21 L=157	55,85,86	
	s=1,m=1	157.2	0.70	6.3	6.3	0.0	0.18	1.57e-03	0.02	0.01	2d10/21 L=157	15,85,55	
14	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	1.57e-03	0.04	0.02	2d10/21 L=194	15,21,23	
	s=1,m=1	193.9	0.70	6.3	6.3	0.0	0.18	6.60e-03	0.03	0.01	2d10/21 L=194	15,21,66	
13	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	6.35e-03	0.02	0.01	2d10/21 L=131	15,68,55	
	s=1,m=1	131.0	0.70	6.3	6.3	0.0	0.18	7.28e-03	0.02	0.01	2d10/21 L=131	15,75,86	
							M_T= 10	**Z=891.3**	**N=139**	**N=516**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
17	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.02	0.03	0.01	2d10/21 L=173	67,85,86	
	s=1,m=1	172.9	0.70	6.3	6.3	0.0	0.18	5.53e-03	0.03	0.02	2d10/21 L=173	118,85,67	
18	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	5.61e-03	0.03	0.01	2d10/21 L=157	55,85,86	
	s=1,m=1	157.2	0.70	6.3	6.3	0.0	0.18	6.54e-03	0.02	0.01	2d10/21 L=157	75,85,67	
16	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	6.45e-03	0.04	0.02	2d10/21 L=194	75,67,35	
	s=1,m=1	193.9	0.70	6.3	6.3	0.0	0.18	0.02	0.04	0.01	2d10/21 L=194	35,65,22	
15	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.02	0.05	0.02	2d10/21 L=131	67,67,35	
	s=1,m=1	131.0	0.70	6.3	6.3	0.0	0.18	0.07	0.02	1.56e-03	2d10/21 L=131	55,66,97	
							M_T= 11	**Z=986.0**	**N=258**	**N=489**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
49	ok,ok	0.0	0.70	6.3	6.3	4.0	0.18	0.05	0.86	0.58	2d10/7 L=120	68,101,120	
	s=1,m=1	150.0	0.70	6.3	6.3	4.0	0.18	1.41e-03	0.86	0.58	2d10/7 L=120	68,101,120	
19	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.06	0.17	0.13	2d10/21 L=124	75,35,75	
	s=1,m=1	123.8	0.70	6.3	6.3	0.0	0.18	0.05	0.16	0.13	2d10/21 L=124	75,35,56	
20	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.05	0.20	0.15	2d10/21 L=141	75,55,55	
	s=1,m=1	141.3	0.70	6.3	6.3	0.0	0.18	0.05	0.20	0.15	2d10/21 L=141	75,55,76	
21	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.05	0.18	0.15	2d10/21 L=145	75,35,55	
	s=1,m=1	145.0	0.70	6.3	6.3	0.0	0.18	0.07	0.18	0.16	2d10/21 L=145	76,35,76	
22	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.07	0.22	0.22	2d10/21 L=204	76,15,15	
	s=1,m=1	204.0	0.70	6.3	6.3	0.0	0.18	0.07	0.22	0.21	2d10/21 L=204	76,15,36	
23	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.06	0.20	0.17	2d10/21 L=156	76,55,55	
	s=1,m=1	156.0	0.70	6.3	6.3	0.0	0.18	0.04	0.19	0.16	2d10/21 L=156	76,55,36	
24	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.08	0.21	0.17	2d10/21 L=150	75,35,35	
	s=1,m=1	150.0	0.70	6.3	6.3	0.0	0.18	0.09	0.22	0.18	2d10/21 L=150	76,55,16	
25	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.08	0.21	0.18	2d10/21 L=164	75,15,55	
	s=1,m=1	164.0	0.70	6.3	6.3	0.0	0.18	0.06	0.20	0.17	2d10/21 L=164	75,15,16	
							M_T= 19	**Z=961.0**	**N=343**	**N=477**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
45	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.06	0.59	0.18	2d10/7 L=130	76,111,124	
	s=1,m=1	158.1	0.70	6.3	6.3	0.0	0.18	0.67	0.58	0.18	2d10/7 L=130	76,111,124	
							M_T= 20	**Z=966.4**	**P=1**	**P=2**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
48	ok,ok	0.0	0.70	6.3	6.3	0.0	0.18	0.08	0.94	0.23	2d10/7 L=102	76,124,124	
	s=1,m=1	131.0	0.70	6.3	6.3	0.0	0.18	0.08	0.94	0.23	2d10/7 L=102	76,124,124	
							M_T= 21	**Z=946.8**	**N=308**	**N=488**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
50	ok,ok	0.0	0.70	6.3	6.3	4.0	0.18	0.09	0.85	0.58	2d10/7 L=120	88,119,120	
	s=1,m=1	150.0	0.70	6.3	6.3	4.0	0.18	0.01	0.85	0.58	2d10/7 L=120	88,119,120	
Trave			**%Af**	**Af inf.**	**Af. sup**	**Af long.**	**x/d**	**V N/M**	**V V/T cls**	**V V/T acc**			

			0.84	9.36	9.36	4.02	0.19	0.69	1.00	0.68		

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	daN cm	daN cm	daN cm	daN cm	cm	daN	daN	daN	daN	daN	cm2
1	3.408e+06	3.408e+06	3.408e+06	3.408e+06	445.00	1.685e+04	1.685e+04	0.0	0.0	0.0	0.0
2	1.038e+06	1.038e+06	1.038e+06	1.038e+06	165.00	1.384e+04	1.384e+04	0.0	0.0	0.0	0.0
3	1.038e+06	1.038e+06	1.038e+06	1.038e+06	165.00	1.384e+04	1.384e+04	0.0	0.0	0.0	0.0
6	1.038e+06	1.038e+06	1.038e+06	1.038e+06	164.00	1.392e+04	1.392e+04	0.0	0.0	0.0	0.0
33	3.408e+06	3.408e+06	3.408e+06	3.408e+06	445.00	1.685e+04	1.685e+04	0.0	0.0	0.0	0.0
34	3.408e+06	3.408e+06	3.408e+06	3.408e+06	445.00	1.685e+04	1.685e+04	0.0	0.0	0.0	0.0
35	5.775e+05	5.775e+05	5.775e+05	5.775e+05	120.00	1.059e+04	1.059e+04	0.0	0.0	0.0	0.0
36	1.038e+06	1.038e+06	1.038e+06	1.038e+06	120.00	1.902e+04	1.902e+04	0.0	0.0	0.0	0.0
37	1.038e+06	1.038e+06	1.038e+06	1.038e+06	275.00	8301.03	8301.03	0.0	0.0	0.0	0.0
38	1.038e+06	1.038e+06	1.038e+06	1.038e+06	95.00	2.403e+04	2.403e+04	0.0	0.0	0.0	0.0
39	5.723e+05	5.723e+05	5.723e+05	5.723e+05	120.00	1.049e+04	1.049e+04	0.0	0.0	0.0	0.0
40	1.038e+06	1.038e+06	1.038e+06	1.038e+06	305.00	7484.54	7484.54	0.0	0.0	0.0	0.0
45	5.775e+05	5.775e+05	5.775e+05	5.775e+05	129.65	9799.92	9799.92	0.0	0.0	0.0	0.0
48	5.775e+05	5.775e+05	5.775e+05	5.775e+05	102.38	1.241e+04	1.241e+04	0.0	0.0	0.0	0.0
49	5.775e+05	5.775e+05	5.775e+05	5.775e+05	120.00	1.059e+04	1.059e+04	0.0	0.0	0.0	0.0
50	5.775e+05	5.775e+05	5.775e+05	5.775e+05	120.00	1.059e+04	1.059e+04	0.0	0.0	0.0	0.0
54	1.038e+06	1.038e+06	1.038e+06	1.038e+06	425.00	5371.26	5371.26	0.0	0.0	0.0	0.0
55	1.038e+06	1.038e+06	1.038e+06	1.038e+06	165.00	1.384e+04	1.384e+04	0.0	0.0	0.0	0.0
56	1.038e+06	1.038e+06	1.038e+06	1.038e+06	165.00	1.384e+04	1.384e+04	0.0	0.0	0.0	0.0
57	1.038e+06	1.038e+06	1.038e+06	1.038e+06	165.00	1.384e+04	1.384e+04	0.0	0.0	0.0	0.0
58	1.038e+06	1.038e+06	1.038e+06	1.038e+06	165.00	1.384e+04	1.384e+04	0.0	0.0	0.0	0.0
Trave	**M negativo i**	**M positivo i**	**M negativo f**	**M positivo f**		**V M-i M+f**	**V M+i M-f**	**VEd,min**	**VEd,max**	**Vr1**	**As**
								0.0			
	3.408e+06	3.408e+06	3.408e+06	3.408e+06		2.403e+04	2.403e+04		0.0	0.0	0.0

VERIFICHE ELEMENTI PARETE E/O GUSCIO IN C.A.

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

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

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

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

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

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

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

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

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

Simbologia adottata nelle tabelle di verifica

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

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

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

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

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

tabella con i simboli di seguito descritti:

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

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

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

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

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

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]
A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature

Dist.	Distanza alla base tra le armature inclinate

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

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

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

PROGETTAZIONE DELLE FONDAZIONI

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

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

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

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

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

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
1	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
16	ok	0.15	0.6	5.16e-02	13.4	13.4	10.3	10.3	-83.4	-161.7	56.4	7049.1	-485.3	-144.8
18	ok	0.15	0.5	6.54e-02	13.4	13.4	10.3	10.3	-99.7	-165.2	129.8	-6170.6	-1256.6	-62.4
20	ok	0.15	0.7	5.30e-02	13.4	13.4	10.3	10.3	-96.8	-190.4	-21.8	8806.7	211.3	407.3
25	ok	0.15	0.6	5.55e-02	13.4	13.4	10.3	10.3	-102.6	-159.6	86.8	-7998.1	-1644.0	-37.1
35	ok	0.24	0.9	8.10e-02	13.4	27.7	10.3	19.3	-93.3	-247.4	172.1	2.027e+04	1.112e+04	-5843.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
36	ok	0.15	0.2	4.86e-02	13.4	13.4	10.3	10.3	-100.7	-175.4	43.6	404.8	432.6	78.8
43	ok	0.15	0.4	4.59e-02	13.4	13.4	10.3	10.3	-98.4	-160.7	4.1	5127.2	2052.0	-129.3
44	ok	0.15	0.6	5.05e-02	13.4	13.4	10.3	10.3	-94.1	-184.0	-44.9	-1598.4	4960.4	4091.4
46	ok	0.15	0.6	5.88e-02	13.4	13.4	10.3	10.3	-92.1	-163.1	102.8	-7520.4	-1515.3	-49.4
47	ok	0.15	0.9	8.96e-02	13.4	13.4	10.3	10.3	-84.6	-250.6	-176.4	-9425.8	-4564.4	3146.7
48	ok	0.15	0.2	5.24e-02	13.4	13.4	10.3	10.3	-96.7	-178.7	-12.2	624.9	225.3	510.6
52	ok	0.15	0.4	7.59e-02	13.4	13.4	10.3	10.3	-121.4	-128.1	-186.5	-4539.9	-704.2	-458.3
53	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-214.6	-462.4	-164.3	912.9	-1306.8	1966.9
55	ok	0.15	0.2	7.87e-02	13.4	13.4	10.3	10.3	-120.4	-154.3	-183.9	-127.2	-753.9	649.3
56	ok	0.15	0.2	4.35e-02	13.4	13.4	10.3	10.3	-170.6	-5.9	-45.6	2388.6	1735.6	853.4
57	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-224.5	-102.2	65.6	2011.0	785.9	2172.2
65	ok	0.15	0.4	6.87e-02	13.4	13.4	10.3	10.3	-89.3	-127.8	0.2	-5859.2	-1322.5	-242.5
66	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-82.1	-233.6	-142.2	216.4	-1077.0	1529.8
147	ok	0.15	0.2	5.38e-02	13.4	13.4	10.3	10.3	-159.8	-100.5	-87.5	2438.3	539.1	-530.2
157	ok	0.15	0.3	3.89e-02	13.4	13.4	10.3	10.3	-138.2	-104.0	-0.9	4480.9	1125.1	339.4
162	ok	0.15	0.3	2.36e-02	13.4	13.4	10.3	10.3	43.3	33.9	74.3	421.3	1357.5	-1818.5
231	ok	0.15	0.3	0.2	13.4	13.4	10.3	10.3	-439.7	-242.6	-266.1	-3702.8	-158.8	202.0
233	ok	0.15	0.3	0.3	13.4	13.4	10.3	10.3	47.8	-900.1	324.7	-988.8	4029.2	803.0
283	ok	0.15	0.4	7.30e-02	13.4	13.4	10.3	10.3	-118.7	-163.5	155.3	-5788.4	-1165.5	14.5
284	ok	0.15	0.6	0.1	13.4	13.4	10.3	10.3	0.5	-535.6	-102.2	3026.1	6980.1	-2086.4
286	ok	0.15	0.2	6.33e-02	13.4	13.4	10.3	10.3	-129.1	-101.6	63.4	2569.5	604.3	124.1
287	ok	0.15	0.3	4.41e-02	13.4	13.4	10.3	10.3	-104.6	-94.6	53.9	555.5	-387.3	-463.6
288	ok	0.15	0.2	6.34e-02	13.4	13.4	10.3	10.3	-93.8	-26.0	-18.1	652.8	1158.2	-945.5
289	ok	0.15	0.4	4.58e-02	13.4	13.4	10.3	10.3	-93.1	-146.6	26.3	5351.6	722.2	54.5
290	ok	0.15	0.2	9.25e-02	13.4	13.4	10.3	10.3	-103.8	-283.0	156.4	239.1	-1023.3	-556.6
291	ok	0.15	0.4	4.64e-02	13.4	13.4	10.3	10.3	-84.8	-171.3	17.6	1390.8	825.1	780.2
293	ok	0.15	0.3	6.10e-02	13.4	13.4	10.3	10.3	-133.5	-187.1	-49.3	2912.2	-51.2	1349.0
295	ok	0.15	0.5	6.12e-02	13.4	13.4	10.3	10.3	-125.2	-139.6	17.8	-6610.1	-1345.6	-62.0
296	ok	0.15	0.5	0.1	13.4	13.4	10.3	10.3	-152.4	-498.8	158.0	-5760.0	-6759.3	-123.5
297	ok	0.15	0.2	7.63e-02	13.4	13.4	10.3	10.3	-140.6	-105.9	189.6	358.7	-178.1	-604.4
298	ok	0.15	0.3	4.24e-02	13.4	13.4	10.3	10.3	-138.4	44.3	83.9	2635.8	1649.5	-1094.3
299	ok	0.15	0.2	5.61e-02	13.4	13.4	10.3	10.3	-111.6	-152.5	3.6	2924.8	520.4	155.3
300	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-143.4	-369.1	229.7	2722.5	-125.2	-816.9
311	ok	0.15	0.1	0.1	13.4	13.4	10.3	10.3	-223.4	-242.6	269.6	-1576.1	173.6	327.4
355	ok	0.15	0.3	8.92e-02	13.4	13.4	10.3	10.3	-7.3	-122.2	60.5	-3800.0	-1240.2	505.8
357	ok	0.15	0.2	1.90e-02	13.4	13.4	10.3	10.3	58.3	37.9	30.6	-159.5	-1798.7	-546.1
360	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-115.9	-312.0	-203.8	275.8	-1825.6	686.0
361	ok	0.15	0.2	5.23e-02	13.4	13.4	10.3	10.3	-142.9	-121.2	-82.5	2746.6	796.8	-322.4
362	ok	0.15	0.4	4.20e-02	13.4	13.4	10.3	10.3	-123.3	-136.1	0.2	5165.2	881.8	-9.5
364	ok	0.15	0.3	6.51e-02	13.4	13.4	10.3	10.3	-88.7	-240.8	-0.9	3436.3	-690.2	912.0
365	ok	0.15	0.6	5.66e-02	13.4	13.4	10.3	10.3	-107.6	-154.7	-95.8	-7588.7	-1525.2	-48.9
366	ok	0.15	0.9	8.64e-02	13.4	13.4	10.3	10.3	-90.4	-164.6	148.1	-7934.3	-4163.2	-2535.9
377	ok	0.15	0.2	4.65e-02	13.4	13.4	10.3	10.3	-97.9	-172.5	-35.3	529.8	130.1	-439.7
381	ok	0.15	0.4	4.62e-02	13.4	13.4	10.3	10.3	-99.9	-161.7	6.9	5640.8	1685.3	-538.0
382	ok	0.15	0.2	2.34e-02	13.4	13.4	10.3	10.3	16.3	45.7	-96.1	1312.5	-617.4	-303.1
383	ok	0.15	0.3	3.08e-03	13.4	13.4	10.3	10.3	155.4	41.1	-52.8	-366.1	-2538.1	318.1
384	ok	0.15	0.2	2.71e-02	13.4	13.4	10.3	10.3	-66.4	36.5	83.2	911.0	762.6	-211.9
388	ok	0.15	0.4	2.83e-02	13.4	13.4	10.3	10.3	179.6	183.3	-142.3	2678.0	1280.2	1018.5
389	ok	0.15	0.1	8.13e-02	13.4	13.4	10.3	10.3	-96.3	-191.5	180.7	85.0	-625.1	-513.4
390	ok	0.15	0.2	5.44e-02	13.4	13.4	10.3	10.3	-122.8	-132.4	9.6	3055.9	925.4	138.5
392	ok	0.15	0.3	4.88e-02	13.4	13.4	10.3	10.3	-92.3	-162.9	51.7	3247.6	97.9	-303.7
393	ok	0.15	0.4	4.69e-02	13.4	13.4	10.3	10.3	-80.9	-157.1	38.1	705.5	-287.0	-219.1
398	ok	0.15	0.3	5.50e-02	13.4	13.4	10.3	10.3	-122.4	-177.9	50.0	3067.6	224.1	-850.2
399	ok	0.15	0.4	8.27e-02	13.4	13.4	10.3	10.3	-123.5	-154.9	29.9	-5101.1	-1131.0	108.5
400	ok	0.15	0.4	6.55e-02	13.4	13.4	10.3	10.3	-140.9	-50.9	-46.1	2512.2	-288.1	-3614.1
580	ok	0.15	0.5	6.09e-02	13.4	13.4	10.3	10.3	-104.8	-166.1	107.2	-6864.9	-1372.4	-21.6
588	ok	0.15	0.1	7.14e-02	13.4	13.4	10.3	10.3	-90.3	-125.2	-145.8	-1083.1	-92.4	-360.7
589	ok	0.15	0.3	4.48e-02	13.4	13.4	10.3	10.3	-86.6	-150.5	53.7	4093.1	-419.0	-500.6
590	ok	0.15	0.4	4.66e-02	13.4	13.4	10.3	10.3	-90.3	-150.3	30.4	5613.4	633.9	344.9
591	ok	0.15	0.2	5.34e-02	13.4	13.4	10.3	10.3	-109.9	-159.7	69.8	2738.0	349.9	399.9
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-439.65	-900.05	-266.06	-9425.80	-6759.28	-5843.06
		0.24	0.93	0.25	13.40	27.73	10.26	19.31	179.60	183.27	324.75	2.027e+04	1.112e+04	4091.39

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
16	ok Av	5.93	0.16	0.26	4.0	6.4	88.7	143.1
18	ok	3.08						
20	ok Av	6.07	0.18	0.26	4.5	6.4	101.6	143.0

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
25	ok	3.45						
35	ok Av	18.65	0.85	0.18	21.2	4.4	474.3	99.4
36	ok	3.79						
43	ok	3.43						
44	ok Av	11.60	0.11	0.52	2.6	13.0	58.7	291.3
46	ok	3.29						
47	ok Av	18.23	0.75	0.44	18.7	11.0	419.1	245.8
48	ok	3.70						
52	ok	2.08						
53	ok Av	6.94	0.22	0.26	5.5	6.5	122.6	146.2
55	ok Av	5.12	0.20	0.13	4.9	3.1	109.9	70.4
56	ok	2.87						
57	ok Av	6.73	0.24	0.20	5.9	4.9	132.3	108.7
65	ok	2.91						
66	ok Av	6.01	0.02	0.27	0.6	6.8	13.5	152.4
147	ok	3.36						
157	ok	1.79						
162	ok	4.79						
231	ok Av	6.67	0.30	0.06	7.5	1.6	167.5	34.8
233	ok Av	9.82	0.44	0.11	11.1	2.8	249.6	62.8
283	ok	2.69						
284	ok Av	5.25	0.08	0.23	2.0	5.7	44.4	127.1
286	ok	3.54						
287	ok	1.60						
288	ok	3.20						
289	ok	1.46						
290	ok Av	5.43	0.03	0.25	0.8	6.1	17.8	136.9
291	ok	2.32						
293	ok	4.05						
295	ok	3.09						
296	ok Av	9.68	0.29	0.36	7.3	9.0	163.9	201.0
297	ok	4.26						
298	ok	2.31						
299	ok	3.59						
300	ok Av	5.15	0.18	0.15	4.4	3.8	98.8	86.2
311	ok	2.79						
355	ok	1.97						
357	ok	2.37						
360	ok Av	5.31	0.04	0.24	1.0	6.0	21.6	133.3
361	ok	3.51						
362	ok	1.70						
364	ok	4.08						
365	ok	3.12						
366	ok Av	18.99	0.79	0.45	19.6	11.1	439.0	249.1
377	ok	3.76						
381	ok	2.34						
382	ok	4.02						
383	ok	2.29						
384	ok	2.49						
388	ok Av	9.02	0.41	0.13	10.1	3.3	226.5	73.2
389	ok	4.42						
390	ok	3.74						
392	ok	3.33						
393	ok	1.61						
398	ok	3.39						
399	ok	2.68						
400	ok	4.01						
580	ok	3.13						
588	ok	4.07						
589	ok	3.26						
590	ok	1.52						
591	ok	3.58						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		18.99	0.85	0.52	21.17	13.00	474.34	291.27

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
2	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
95	ok	0.15	0.3	2.42e-02	13.4	13.4	10.3	10.3	230.0	-15.9	161.7	1156.0	-2127.2	-858.4
96	ok	0.15	0.2	2.01e-02	13.4	13.4	10.3	10.3	145.0	17.2	85.3	274.3	-1691.2	176.8
99	ok	0.15	5.84e-02	6.46e-02	13.4	13.4	10.3	10.3	64.2	-139.6	198.8	132.1	33.3	57.5
162	ok	0.15	0.4	2.42e-02	13.4	13.4	10.3	10.3	59.4	125.4	97.8	3891.7	2273.6	-974.1
163	ok	0.15	0.1	6.70e-02	13.4	13.4	10.3	10.3	-75.9	-113.7	24.3	743.1	307.1	-65.1
177	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-31.3	61.6	-90.2	2597.6	-1496.4	-1093.0
201	ok	0.15	0.2	4.99e-02	13.4	13.4	10.3	10.3	-127.5	-116.6	67.2	-2142.6	-673.9	862.6
217	ok	0.17	0.4	4.67e-02	16.3	13.4	13.1	10.3	115.9	196.1	289.9	-3216.4	-3038.3	-144.2
218	ok	0.15	0.2	6.36e-02	13.4	13.4	10.3	10.3	143.2	-8.1	-82.0	1363.6	-2001.4	354.7
284	ok	0.15	0.4	0.2	13.4	13.4	10.3	10.3	-69.4	-605.4	194.3	-4691.1	2209.4	1196.3
311	ok	0.15	0.1	4.67e-02	13.4	13.4	10.3	10.3	-90.9	-81.7	-32.8	-1733.7	-153.5	-75.5
315	ok	0.15	0.2	3.77e-02	13.4	13.4	10.3	10.3	-86.8	65.4	99.9	850.3	1748.2	694.9
349	ok	0.15	0.3	5.38e-02	13.4	13.4	10.3	10.3	-17.3	38.4	134.6	1744.2	2143.9	285.6
357	ok	0.15	0.2	1.72e-02	13.4	13.4	10.3	10.3	36.9	91.7	78.6	-71.2	-1353.5	-250.8
384	ok	0.15	0.2	2.28e-02	13.4	13.4	10.3	10.3	-27.5	-39.5	59.6	1139.1	687.6	-113.2
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-127.52	-605.35	-90.21	-4691.06	-3038.26	-1093.01
		0.17	0.44	0.17	16.25	13.40	13.11	10.26	229.96	196.12	289.92	3891.69	2273.58	1196.29

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
95	ok	4.34						
96	ok	1.65						
99	ok	1.09						
162	ok Av	5.86	0.24	0.15	5.9	3.7	132.5	83.6
163	ok	1.70						
177	ok Av	6.75	0.29	0.12	7.2	3.1	161.0	69.1
201	ok	3.59						
217	ok Av	6.35	0.26	0.22	6.4	5.5	142.9	124.0
218	ok	2.74						
284	ok Av	11.63	0.53	0.09	13.1	2.2	294.5	48.8
311	ok	3.08						
315	ok	4.40						
349	ok	3.41						
357	ok	1.07						
384	ok	1.81						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		11.63	0.53	0.22	13.14	5.53	294.49	123.96

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
3	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
15	ok	0.15	0.3	1.51e-02	13.4	13.4	10.3	10.3	253.4	78.9	116.9	-131.6	2269.0	-716.7
27	ok	0.15	0.3	8.22e-03	13.4	13.4	10.3	10.3	27.6	77.8	14.6	479.6	2332.8	570.0
29	ok	0.15	0.3	7.00e-04	13.4	13.4	10.3	10.3	130.8	33.9	-50.4	451.8	2131.6	-324.2
103	ok	0.15	0.3	2.26e-02	13.4	13.4	10.3	10.3	224.7	25.7	168.9	774.0	2714.9	163.0
108	ok	0.15	0.4	5.65e-02	13.4	13.4	10.3	10.3	-77.7	10.3	189.8	-2208.8	-1510.5	-1571.4
109	ok	0.15	0.4	5.37e-02	13.4	13.4	10.3	10.3	-98.3	-100.5	-120.6	3959.9	605.0	568.5
110	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-196.9	-407.3	-159.1	-685.8	1443.5	-1794.4
111	ok	0.15	0.2	5.51e-02	13.4	13.4	10.3	10.3	-105.8	-24.3	-92.7	-1851.7	-1368.4	969.2
112	ok	0.15	0.2	3.92e-02	13.4	13.4	10.3	10.3	-162.9	-1.54e-02	0.7	-2314.0	-1837.5	-757.5
114	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-221.3	-94.7	86.9	-1822.9	-802.4	-2009.7
116	ok	0.15	0.4	4.08e-02	13.4	13.4	10.3	10.3	-95.7	-95.0	-57.8	5311.8	1029.8	246.7
121	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-72.1	-179.0	-134.2	-181.0	1197.8	-1166.3
122	ok	0.15	0.2	3.99e-02	13.4	13.4	10.3	10.3	-139.3	-58.3	-16.1	-2663.2	-777.9	471.0
123	ok	0.15	0.3	4.29e-02	13.4	13.4	10.3	10.3	-125.0	-61.8	53.4	-4149.8	-1489.8	-210.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
124	ok	0.15	0.2	7.00e-02	13.4	13.4	10.3	10.3	-102.2	-133.4	-1.1	-2606.5	-214.1	-889.8
125	ok	0.15	0.4	5.06e-02	13.4	13.4	10.3	10.3	-72.5	-100.5	118.6	5549.2	1136.5	16.6
130	ok	0.15	0.1	9.78e-02	13.4	13.4	10.3	10.3	-101.8	-303.5	162.0	-33.7	773.8	695.9
131	ok	0.15	0.2	4.45e-02	13.4	13.4	10.3	10.3	-75.9	-93.0	62.2	-794.2	-30.1	27.2
141	ok	0.15	0.3	4.45e-02	13.4	13.4	10.3	10.3	-115.1	-91.0	57.8	-4412.7	-1472.2	0.4
158	ok	0.15	0.2	6.68e-02	13.4	13.4	10.3	10.3	-131.9	-194.8	103.3	-2640.2	-267.2	339.9
171	ok	0.15	0.2	7.96e-02	13.4	13.4	10.3	10.3	1.2	-119.8	152.6	2799.7	653.9	-655.5
175	ok	0.15	0.4	0.2	13.4	13.4	10.3	10.3	28.3	-59.0	-49.7	968.9	-2740.0	1793.3
189	ok	0.15	0.2	3.51e-02	13.4	13.4	10.3	10.3	-86.2	-4.3	46.7	-1473.6	-717.1	333.0
227	ok	0.15	0.4	6.81e-02	13.4	13.4	10.3	10.3	-54.9	-107.6	67.9	4987.3	1047.8	-189.6
230	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-342.2	-198.6	-206.1	2905.1	66.2	-49.5
232	ok	0.15	0.3	0.3	13.4	13.4	10.3	10.3	17.0	-1000.6	370.4	630.6	-4070.7	-703.2
236	ok	0.15	0.3	5.65e-02	13.4	13.4	10.3	10.3	-52.4	-78.9	115.6	-692.7	-155.0	172.5
251	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-43.2	-275.0	26.2	2726.7	2673.9	620.4
252	ok	0.15	0.3	0.0	13.4	13.4	10.3	10.3	92.9	213.9	12.7	-946.3	-1615.6	625.3
314	ok	0.15	0.3	4.37e-02	13.4	13.4	10.3	10.3	-86.2	-68.3	69.0	-3696.7	-1471.8	124.9
316	ok	0.15	0.3	5.77e-02	13.4	13.4	10.3	10.3	-61.4	-25.1	33.1	-1974.1	-1422.4	1313.2
317	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-174.1	-386.6	177.3	-468.9	1648.2	1709.7
348	ok	0.15	0.1	7.57e-02	13.4	13.4	10.3	10.3	134.1	-170.6	223.8	-732.5	-287.4	-380.1
397	ok	0.15	0.4	3.54e-02	13.4	13.4	10.3	10.3	177.3	219.4	-132.1	-2285.6	-1055.0	-777.7
409	ok	0.15	0.4	6.48e-02	13.4	13.4	10.3	10.3	24.2	13.1	-0.1	-689.8	-2489.7	1806.7
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-342.23	-1000.61	-206.15	-4412.75	-4070.67	-2009.73
		0.15	0.43	0.28	13.40	13.40	10.26	10.26	253.35	219.42	370.40	5549.18	2714.92	1806.69

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
15	ok	2.28						
27	ok	3.53						
29	ok	2.17						
103	ok	4.90						
108	ok	3.76						
109	ok	1.84						
110	ok Av	6.11	0.17	0.25	4.1	6.2	92.8	137.8
111	ok	4.91						
112	ok	2.71						
114	ok Av	5.87	0.19	0.19	4.8	4.6	107.3	104.0
116	ok	2.87						
121	ok Av	5.57	0.04	0.25	1.0	6.2	23.3	140.0
122	ok	3.20						
123	ok	1.74						
124	ok	3.68						
125	ok	2.86						
130	ok Av	4.70	0.04	0.21	1.1	5.2	25.1	117.0
131	ok	3.37						
141	ok	1.56						
158	ok	3.05						
171	ok	2.40						
175	ok	4.33						
189	ok	4.80						
227	ok	2.78						
230	ok Av	5.40	0.24	0.05	6.0	1.3	134.6	28.5
232	ok Av	7.88	0.36	0.12	8.9	2.9	200.2	65.5
236	ok	3.33						
251	ok Av	7.38	0.30	0.25	7.4	6.2	166.2	139.1
252	ok Av	6.09	0.04	0.28	1.0	6.9	22.2	154.3
314	ok	1.88						
316	ok	3.11						
317	ok Av	5.69	0.07	0.25	1.8	6.2	40.2	139.3
348	ok	1.40						
397	ok Av	7.55	0.34	0.13	8.4	3.2	188.2	70.6
409	ok	3.34						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		7.88	0.36	0.28	8.94	6.89	200.21	154.31

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
5	30.00	1	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
5	ok	0.15	0.2	7.76e-02	13.4	13.4	10.3	10.3	-231.9	-181.4	82.0	1849.2	350.5	-211.9
14	ok	0.12	0.1	2.20e-02	7.7	7.7	7.7	7.7	-41.2	-16.7	52.6	-16.0	54.9	188.9
19	ok	0.15	0.2	9.58e-02	13.4	13.4	10.3	10.3	-316.3	-158.7	-140.4	-278.9	-118.4	-11.9
38	ok	0.16	0.7	0.1	15.5	13.4	12.4	10.3	482.8	199.9	-510.6	498.9	-1015.4	679.4
39	ok	0.15	0.1	0.1	13.4	13.4	10.3	10.3	-252.0	-133.0	-104.0	-1000.7	-539.9	-109.7
40	ok	0.15	8.30e-02	9.26e-02	13.4	13.4	10.3	10.3	-372.9	-184.4	54.3	601.6	-199.3	-148.2
41	ok	0.15	0.1	7.93e-02	13.4	13.4	10.3	10.3	-279.3	-145.8	-153.4	-993.2	-491.5	-448.0
54	ok	0.15	0.1	6.97e-02	13.4	13.4	10.3	10.3	-222.6	-158.8	-155.9	636.2	363.2	21.1
61	ok	0.12	0.2	4.07e-02	7.7	7.7	7.7	7.7	-143.6	-11.0	-16.8	-99.0	103.8	-523.7
62	ok	0.15	0.2	0.2	13.4	13.4	10.3	10.3	-93.2	-166.0	-147.3	803.1	-337.5	742.9
72	ok	0.15	0.2	8.21e-02	13.4	13.4	10.3	10.3	-202.4	-278.5	57.1	1236.3	-1204.8	-866.4
78	ok	0.12	0.1	2.21e-02	7.7	7.7	7.7	7.7	-61.0	-25.7	-24.5	739.6	412.0	34.4
80	ok	0.12	0.3	3.01e-02	7.7	7.7	7.7	7.7	-64.8	-53.7	-29.0	1473.1	561.1	-186.0
81	ok	0.12	8.80e-02	1.79e-02	7.7	7.7	7.7	7.7	-50.6	-23.3	-0.2	448.2	189.2	38.4
95	ok	0.15	0.6	2.21e-02	13.4	13.4	10.3	10.3	214.4	403.2	-77.1	373.8	1449.1	-612.3
96	ok	0.15	0.4	1.91e-02	13.4	13.4	10.3	10.3	142.8	86.6	-140.5	409.1	1213.2	-136.3
99	ok	0.15	0.1	4.34e-02	13.4	13.4	10.3	10.3	95.5	-96.7	-16.4	240.1	51.6	63.1
100	ok	0.15	0.4	0.5	13.4	13.4	10.3	10.3	-358.1	-1497.6	1044.9	-175.8	-1877.1	543.3
105	ok	0.12	0.2	2.12e-02	7.7	7.7	7.7	7.7	-72.1	-47.2	5.9	977.3	295.7	-60.0
106	ok	0.12	0.3	2.63e-02	7.7	7.7	7.7	7.7	-68.2	-77.4	-24.2	1633.6	468.0	-144.5
107	ok	0.15	8.78e-02	2.30e-02	13.4	13.4	10.3	10.3	-75.8	-28.3	-9.2	406.1	199.8	48.6
117	ok	0.15	0.2	6.32e-02	13.4	13.4	10.3	10.3	-218.6	-99.1	-13.3	300.0	351.6	-472.9
118	ok	0.15	0.2	9.59e-02	13.4	13.4	10.3	10.3	-149.7	8.7	-117.1	-8.4	-472.3	-496.2
119	ok	0.15	0.2	5.47e-02	13.4	13.4	10.3	10.3	-167.2	-8.8	-81.2	1545.1	329.6	-629.6
120	ok	0.15	0.3	8.61e-02	13.4	13.4	10.3	10.3	-51.5	-277.1	-122.1	-2014.4	-2153.3	391.8
134	ok	0.12	0.1	2.03e-02	7.7	7.7	7.7	7.7	-20.2	-59.9	17.7	-115.7	-244.4	65.0
135	ok	0.15	0.1	2.80e-02	13.4	13.4	10.3	10.3	-40.3	-51.6	46.1	17.9	149.4	239.8
139	ok	0.12	0.2	3.82e-03	7.7	7.7	7.7	7.7	18.9	-9.2	14.9	403.6	661.9	40.1
143	ok	0.15	7.35e-02	8.46e-02	13.4	13.4	10.3	10.3	-293.7	-144.5	107.9	459.8	-211.5	66.5
144	ok	0.12	7.84e-02	7.62e-03	7.7	7.7	7.7	7.7	-18.4	-5.5	3.2	-172.1	-204.4	158.4
145	ok	0.12	9.24e-02	1.58e-02	7.7	7.7	7.7	7.7	-31.1	5.3	3.9	239.8	258.5	296.4
149	ok	0.12	0.1	2.01e-02	7.7	7.7	7.7	7.7	-69.2	-8.9	-21.0	-139.5	-35.5	356.9
150	ok	0.12	0.1	1.37e-02	7.7	7.7	7.7	7.7	-21.4	8.5	10.1	-321.8	-689.6	137.4
151	ok	0.15	0.1	7.94e-02	13.4	13.4	10.3	10.3	-257.3	-129.3	-82.7	-1830.5	-416.4	-90.9
152	ok	0.12	9.12e-02	1.93e-02	7.7	7.7	7.7	7.7	-68.8	-5.1	-16.3	458.4	324.1	-87.7
153	ok	0.15	0.3	0.4	13.4	13.4	10.3	10.3	-1144.6	-601.5	783.9	-521.5	552.3	314.0
160	ok	0.12	0.3	5.20e-02	7.7	7.7	7.7	7.7	-173.3	-170.3	3.9	-2397.8	-2238.6	248.0
164	ok	0.12	0.2	2.55e-02	7.7	7.7	7.7	7.7	-49.5	-2.2	7.8	752.3	171.9	-415.1
173	ok	0.12	0.3	6.67e-02	7.7	7.7	7.7	7.7	-188.0	-131.6	75.0	-2876.5	-1573.3	501.5
186	ok	0.15	0.1	5.22e-02	13.4	13.4	10.3	10.3	-269.2	-14.7	-13.2	505.8	10.1	220.4
191	ok	0.15	0.2	3.40e-02	13.4	13.4	10.3	10.3	-100.5	-47.2	61.9	173.2	1248.7	-534.6
199	ok	0.15	0.3	0.3	13.4	13.4	10.3	10.3	-1083.9	-290.3	-405.0	221.0	-74.9	-62.9
204	ok	0.15	0.2	7.58e-03	13.4	13.4	10.3	10.3	8.1	34.6	3.8	554.7	477.6	485.3
216	ok	0.15	0.1	6.73e-02	13.4	13.4	10.3	10.3	-207.2	-188.5	78.4	669.2	91.7	-182.1
217	ok	0.15	0.5	0.3	13.4	13.4	10.3	10.3	58.8	-1017.8	156.5	-1169.1	4113.6	-511.4
218	ok	0.15	0.5	0.2	13.4	13.4	10.3	10.3	122.5	-446.6	261.0	-3655.8	3268.1	1179.1
220	ok	0.16	1.0	0.1	13.9	13.4	10.5	10.3	-91.7	-437.6	190.2	-1.238e+04	-7000.3	2415.6
235	ok	0.15	0.2	6.24e-02	13.4	13.4	10.3	10.3	-194.5	-112.0	-60.6	-1206.1	-627.2	162.9
241	ok	0.12	0.2	3.20e-02	7.7	7.7	7.7	7.7	-79.9	-22.4	-27.6	961.0	265.3	-262.8
244	ok	0.15	0.2	2.52e-02	13.4	13.4	10.3	10.3	-79.6	-14.5	-7.4	987.4	244.9	97.5
245	ok	0.15	0.1	0.2	13.4	13.4	10.3	10.3	-648.1	-46.2	-53.5	155.2	-151.8	281.0
247	ok	0.15	0.2	8.45e-02	13.4	13.4	10.3	10.3	-303.1	146.7	-32.5	371.2	-35.8	40.4
253	ok	0.15	0.1	1.30e-02	13.4	13.4	10.3	10.3	-26.8	11.9	-17.7	-162.5	-624.9	-37.1
254	ok	0.12	0.5	7.70e-02	7.7	7.7	7.7	7.7	-221.4	-170.4	-43.1	3971.3	833.4	-254.5
255	ok	0.12	0.3	5.49e-02	7.7	7.7	7.7	7.7	-183.1	-149.0	-9.3	-2433.7	-1105.0	175.6
257	ok	0.15	0.7	9.32e-02	13.4	13.4	11.0	10.3	-177.3	673.4	100.3	-924.2	-337.7	367.8
258	ok	0.15	7.04e-02	9.04e-03	13.4	13.4	10.3	10.3	-13.9	8.2	-29.5	-35.6	-190.0	-70.7
285	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-676.1	-15.6	-83.8	170.7	29.7	-102.5
304	ok	0.15	0.2	7.04e-03	13.4	13.4	10.3	10.3	102.1	7.0	-10.0	-270.4	-578.5	21.6
305	ok	0.15	0.2	2.54e-02	13.4	13.4	10.3	10.3	37.5	49.9	8.3	-56.8	-668.8	212.9
310	ok	0.15	0.6	7.59e-02	13.4	13.4	10.3	10.3	-177.0	-222.6	-98.8	1831.0	2092.0	-481.4
318	ok	0.12	0.2	8.07e-02	7.7	7.7	7.7	7.7	-172.6	-109.6	98.3	1082.9	200.1	408.1
320	ok	0.15	0.7	0.2	13.4	13.4	10.3	10.3	-114.6	-610.4	-302.1	-464.7	4918.1	-1164.4
325	ok	0.15	0.4	6.50e-02	13.4	13.4	10.3	10.3	-128.2	-124.3	-67.7	-4530.5	-476.2	791.0
326	ok	0.15	0.4	7.44e-02	13.4	13.4	10.3	10.3	9.9	-257.2	8.9	-4907.3	-71.5	426.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
328	ok	0.12	0.2	6.06e-02	7.7	7.7	7.7	7.7	-143.7	-206.6	-28.3	-705.4	-833.9	-973.1
329	ok	0.12	0.6	7.50e-02	7.7	7.7	7.7	7.7	11.0	-150.9	-92.5	-2646.7	-2048.4	-2138.7
333	ok	0.12	0.5	7.39e-02	7.7	7.7	7.7	7.7	-186.6	-129.1	76.3	3181.4	684.6	65.3
334	ok	0.15	0.6	0.1	13.4	13.4	10.3	10.3	-193.0	-500.0	140.4	1894.3	-4637.0	-526.0
335	ok	0.12	0.2	5.87e-02	7.7	7.7	7.7	7.7	-138.2	-173.7	104.4	-606.1	-831.7	-23.9
336	ok	0.12	0.4	7.02e-02	7.7	7.7	7.7	7.7	-202.3	-121.0	93.0	-1976.5	-1295.9	1245.2
337	ok	0.12	0.3	5.21e-02	7.7	7.7	7.7	7.7	-146.0	-154.1	-27.5	-2338.4	-1830.2	-339.2
338	ok	0.12	0.4	6.22e-02	7.7	7.7	7.7	7.7	-154.9	-123.2	-94.8	-2288.4	-1005.0	-454.1
340	ok	0.15	0.3	1.12e-02	13.4	13.4	10.3	10.3	-36.9	-20.9	2.1	1962.1	-65.9	298.2
341	ok	0.15	8.44e-02	2.26e-02	13.4	13.4	10.3	10.3	-58.2	-12.6	21.7	34.6	-275.2	-112.9
343	ok	0.15	9.83e-02	1.19e-02	13.4	13.4	10.3	10.3	22.6	18.7	-14.7	-64.4	-449.1	222.8
346	ok	0.12	0.3	5.22e-02	7.7	7.7	7.7	7.7	-166.3	-148.2	-38.8	-2424.0	-1121.8	144.4
347	ok	0.12	0.4	5.80e-02	7.7	7.7	7.7	7.7	-150.2	-109.6	-76.8	-2480.8	-1231.9	411.2
368	ok	0.15	0.4	6.11e-02	13.4	13.4	10.3	10.3	24.4	-159.3	49.8	4577.0	903.5	-855.0
369	ok	0.15	0.5	8.16e-02	13.4	13.4	10.3	10.3	-171.9	-146.7	123.5	962.4	3071.1	233.3
370	ok	0.12	0.4	7.76e-02	7.7	7.7	7.7	7.7	-164.6	-141.1	-139.9	2752.4	495.3	-1516.4
371	ok	0.15	0.5	6.84e-02	13.4	13.4	10.3	10.3	-186.7	-197.0	125.3	1310.0	3279.6	36.4
373	ok	0.12	8.64e-02	1.64e-02	7.7	7.7	7.7	7.7	-56.5	-15.8	10.2	310.2	216.0	155.7
374	ok	0.12	0.6	4.08e-02	7.7	7.7	7.7	7.7	-83.4	-86.9	-90.5	4104.4	854.3	-336.3
375	ok	0.12	0.6	4.39e-02	7.7	7.7	7.7	7.7	-71.8	-150.5	-38.1	4583.7	698.5	-13.9
376	ok	0.15	0.3	6.04e-02	13.4	13.4	10.3	10.3	-253.6	-45.2	91.4	-2730.0	-124.5	348.3
421	ok	0.15	0.3	5.45e-02	13.4	13.4	10.3	10.3	-139.5	-110.5	98.4	1755.7	365.4	117.1
424	ok	0.15	0.1	2.82e-02	13.4	13.4	10.3	10.3	-32.6	-16.4	5.9	297.8	461.3	-202.3
479	ok	0.12	0.2	6.21e-02	7.7	7.7	7.7	7.7	-190.7	-128.5	106.8	-947.4	-553.6	-239.2
526	ok	0.15	0.4	7.24e-02	13.4	13.4	10.3	10.3	112.4	47.0	95.2	408.9	1001.2	1806.2
527	ok	0.15	0.4	0.1	13.4	13.4	10.3	10.3	-191.9	-358.3	19.6	4941.9	435.5	-159.1
528	ok	0.15	0.1	3.89e-02	13.4	13.4	10.3	10.3	-70.4	90.4	2.72e-02	1051.5	-104.3	280.1
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-1144.64	-1497.60	-510.60	-1.238e+04	-7000.29	-2138.66
		0.16	0.98	0.52	15.50	13.40	12.36	10.26	482.80	673.36	1044.91	4941.93	4918.12	2415.59

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
5	ok	0.99						
14	ok	0.43						
19	ok	0.41						
38	ok	2.20						
39	ok	0.38						
40	ok	0.57						
41	ok	1.73						
54	ok	0.76						
61	ok	3.76						
62	ok	0.91						
72	ok Av	6.06	0.04	0.27	1.1	6.8	24.1	152.5
78	ok	0.34						
80	ok	0.85						
81	ok	0.40						
95	ok	2.00						
96	ok	2.31						
99	ok	2.55						
100	ok	3.00						
105	ok	0.48						
106	ok	0.59						
107	ok	0.57						
117	ok	1.04						
118	ok	1.75						
119	ok	1.05						
120	ok	4.51						
134	ok	0.52						
135	ok	0.38						
139	ok	1.71						
143	ok	0.78						
144	ok	0.51						
145	ok	0.41						
149	ok	1.34						
150	ok	1.49						
151	ok	1.58						
152	ok	0.34						
153	ok	1.61						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
160	ok	1.36						
164	ok	0.74						
173	ok	3.03						
186	ok	0.58						
191	ok	0.91						
199	ok	0.58						
204	ok	1.35						
216	ok	1.11						
217	ok Av	9.56	0.18	0.41	4.5	10.1	101.0	227.0
218	ok Av	8.95	0.26	0.37	6.6	9.1	147.7	203.8
220	ok Av	20.06	0.51	0.76	12.8	18.9	285.7	423.0
235	ok	1.16						
241	ok	0.60						
244	ok	0.49						
245	ok	0.76						
247	ok	0.36						
253	ok	0.29						
254	ok	2.26						
255	ok	1.09						
257	ok	4.62						
258	ok	1.52						
285	ok	0.52						
304	ok	0.54						
305	ok	0.93						
310	ok Av	5.91	0.06	0.26	1.4	6.6	32.2	147.8
318	ok	3.37						
320	ok Av	9.08	0.15	0.40	3.7	10.0	83.7	223.1
325	ok Av	5.63	0.12	0.23	2.9	5.7	64.9	127.8
326	ok Av	12.10	0.33	0.44	8.1	11.1	182.1	248.2
328	ok	4.48						
329	ok Av	10.21	0.23	0.41	5.6	10.1	126.5	228.7
333	ok	2.44						
334	ok Av	14.30	0.07	0.65	1.7	16.2	38.5	361.9
335	ok	2.42						
336	ok	2.88						
337	ok	4.07						
338	ok Av	11.14	0.28	0.44	6.9	10.9	155.1	245.3
340	ok	1.15						
341	ok	0.49						
343	ok	1.50						
346	ok	4.04						
347	ok Av	10.88	0.24	0.45	6.0	11.2	134.3	253.0
368	ok Av	6.45	0.28	0.10	7.0	2.6	157.3	58.0
369	ok	3.43						
370	ok Av	6.48	0.26	0.14	6.5	3.4	146.6	77.7
371	ok	2.56						
373	ok	0.34						
374	ok Av	6.32	0.27	0.12	6.8	2.9	153.4	66.3
375	ok Av	5.91	0.25	0.09	6.3	2.3	142.1	52.1
376	ok Av	5.78	0.26	0.07	6.5	1.8	145.8	40.3
421	ok	0.59						
424	ok	0.58						
479	ok	2.18						
526	ok Av	5.73	0.25	0.08	6.2	2.1	138.7	46.4
527	ok Av	11.98	0.35	0.48	8.6	11.9	193.1	266.0
528	ok	2.36						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		20.06	0.51	0.76	12.75	18.88	285.70	422.98

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
6	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
15	ok	0.15	0.6	3.39e-02	13.4	13.4	10.3	10.3	214.5	87.5	-315.3	-278.2	-1824.9	-51.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
61	ok	0.15	0.3	1.05e-02	13.4	13.4	10.3	10.3	29.6	241.7	47.1	-711.9	-483.0	13.4
90	ok	0.16	0.7	7.20e-02	13.4	13.5	10.3	13.6	-152.5	743.0	101.5	1875.3	1366.1	-253.5
91	ok	0.15	0.3	0.3	13.4	13.4	10.3	10.3	-380.2	-998.8	632.5	-512.5	3655.8	-349.5
101	ok	0.15	0.4	9.76e-02	13.4	13.4	10.3	10.3	-78.3	-27.7	-320.7	459.0	840.4	-385.6
102	ok	0.15	0.4	6.48e-02	13.4	13.4	10.3	10.3	-99.7	37.6	-233.4	1363.5	1184.0	129.1
103	ok	0.15	0.6	3.92e-02	13.4	13.4	10.3	10.3	284.5	289.8	-152.9	-107.6	-2273.1	-599.8
132	ok	0.15	0.4	0.1	13.4	13.4	10.3	10.3	42.8	-476.2	-41.0	-2058.4	-2089.1	-253.0
133	ok	0.15	0.1	0.1	13.4	13.4	10.3	10.3	32.1	-258.4	-6.9	842.6	-625.2	69.1
139	ok	0.15	4.96e-02	2.15e-02	13.4	13.4	10.3	10.3	-30.2	-55.4	42.8	44.5	112.2	-247.7
140	ok	0.15	0.1	7.98e-02	13.4	13.4	10.3	10.3	-161.5	-144.8	209.2	-1022.4	-156.2	123.3
142	ok	0.15	0.4	6.87e-02	13.4	13.4	10.3	10.3	108.4	-190.4	-137.3	-650.2	-1716.0	-625.5
144	ok	0.15	0.1	7.31e-03	13.4	13.4	10.3	10.3	19.9	-16.5	8.8	-59.2	-232.0	27.3
150	ok	0.15	9.45e-02	2.00e-03	13.4	13.4	10.3	10.3	13.2	8.8	12.0	30.6	328.1	13.0
178	ok	0.15	0.3	7.67e-02	13.4	13.4	10.3	10.3	-103.3	-33.4	-245.4	315.0	919.9	451.5
192	ok	0.15	0.3	8.78e-02	13.4	13.4	10.3	10.3	-106.7	-155.7	-311.4	883.9	1077.0	-363.2
196	ok	0.15	0.2	8.59e-02	13.4	13.4	10.3	10.3	-76.0	-117.0	238.9	-656.0	-76.0	-279.5
251	ok	0.15	0.4	0.2	13.4	13.4	10.3	10.3	-117.0	-586.1	382.1	-579.6	-1622.6	42.6
252	ok	0.15	0.4	0.2	13.4	13.4	10.3	10.3	8.1	-285.8	191.5	-680.8	-322.4	-149.8
306	ok	0.15	0.1	1.08e-02	13.4	13.4	10.3	10.3	-1.7	30.3	-56.1	-215.5	-207.4	74.5
307	ok	0.15	0.2	8.30e-03	13.4	13.4	10.3	10.3	7.9	52.3	-45.8	-112.4	-214.2	56.7
308	ok	0.15	8.68e-02	1.65e-02	13.4	13.4	10.3	10.3	-39.4	-4.1	33.9	-38.0	-68.2	-62.3
310	ok	0.15	0.2	5.21e-02	13.4	13.4	10.3	10.3	-87.4	92.0	-5.5	125.5	757.4	-300.5
320	ok	0.15	0.2	0.2	13.4	13.4	10.3	10.3	-260.0	-674.4	221.0	1132.9	2395.0	337.0
348	ok	0.15	0.3	4.46e-02	13.4	13.4	10.3	10.3	211.9	-62.0	-194.8	-426.5	-56.8	-24.6
351	ok	0.15	0.1	2.40e-02	13.4	13.4	10.3	10.3	-33.8	3.0	-49.4	-288.5	-290.8	119.1
354	ok	0.15	0.1	1.82e-02	13.4	13.4	10.3	10.3	-73.0	-26.3	37.0	-175.3	-151.9	-77.2
369	ok	0.15	0.3	9.31e-02	13.4	13.4	10.3	10.3	-181.5	-143.7	-284.8	-369.1	-1982.6	251.0
371	ok	0.15	0.4	7.37e-02	13.4	13.4	10.3	10.3	-111.8	-18.4	-242.6	-516.5	-1937.9	332.2
376	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-225.2	-282.2	-412.4	34.4	-65.0	-87.2
379	ok	0.15	0.2	7.66e-02	13.4	13.4	10.3	10.3	-93.0	-117.8	-207.9	-635.4	-711.3	276.2
413	ok	0.15	0.1	0.1	13.4	13.4	10.3	10.3	-81.4	-177.8	16.1	711.7	199.9	-332.3
414	ok	0.15	0.2	7.49e-02	13.4	13.4	10.3	10.3	7.1	-193.8	43.8	-1553.3	-857.0	426.6
415	ok	0.15	0.2	6.69e-02	13.4	13.4	10.3	10.3	-64.6	-116.3	106.4	379.0	347.0	92.7
441	ok	0.15	7.67e-02	2.78e-02	13.4	13.4	10.3	10.3	-79.8	-26.5	56.1	143.9	48.4	-106.1
445	ok	0.15	0.1	1.13e-02	13.4	13.4	10.3	10.3	1.7	89.4	-23.3	25.7	-183.2	-120.6
458	ok	0.15	7.12e-02	2.44e-02	13.4	13.4	10.3	10.3	-59.3	-0.8	42.3	283.0	-205.2	39.6
459	ok	0.15	6.44e-02	1.59e-02	13.4	13.4	10.3	10.3	-26.4	-20.7	20.6	-26.6	-266.8	71.0
478	ok	0.15	0.3	3.07e-02	13.4	13.4	10.3	10.3	-103.7	80.4	-64.9	-386.6	1380.9	40.5
508	ok	0.15	0.2	1.74e-02	13.4	13.4	10.3	10.3	-7.2	-5.8	-32.2	181.7	826.4	-27.4
516	ok	0.15	0.1	1.33e-02	13.4	13.4	10.3	10.3	16.9	19.4	-85.0	-297.9	-79.7	-49.2
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-380.20	-998.79	-412.39	-2058.44	-2273.11	-625.46
		0.16	0.71	0.34	13.40	13.45	10.26	13.63	284.50	742.98	632.47	1875.27	3655.78	451.51

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
15	ok	2.14						
61	ok	2.58						
90	ok	3.83						
91	ok Av	9.94	0.11	0.45	2.8	11.2	61.7	250.1
101	ok	2.18						
102	ok	3.17						
103	ok	2.31						
132	ok	4.42						
133	ok	3.32						
139	ok	0.84						
140	ok	1.26						
142	ok	3.82						
144	ok	0.91						
150	ok	0.45						
178	ok	2.12						
192	ok	2.73						
196	ok	1.15						
251	ok Av	8.18	0.10	0.37	2.6	9.2	57.8	206.4
252	ok	4.24						
306	ok	0.54						
307	ok	0.53						
308	ok	0.70						
310	ok	1.25						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
320	ok	3.98						
348	ok	2.49						
351	ok	0.57						
354	ok	0.51						
369	ok	1.21						
371	ok	1.73						
376	ok	0.74						
379	ok	2.01						
413	ok	2.21						
414	ok	3.27						
415	ok	2.13						
441	ok	0.50						
445	ok	0.40						
458	ok	0.63						
459	ok	0.29						
478	ok	1.21						
508	ok	0.53						
516	ok	0.97						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		9.94	0.11	0.45	2.75	11.16	61.67	250.10

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
7	40.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
2	ok	0.11	0.2	1.49e-02	13.4	13.4	10.3	10.3	30.6	95.3	121.8	-342.7	988.0	-1131.7
4	ok	0.11	0.3	2.56e-02	13.4	13.4	10.3	10.3	-35.5	124.0	-158.6	-918.1	1342.0	1956.6
6	ok	0.12	1.0	5.71e-02	13.4	16.9	10.3	10.4	-181.3	-117.2	-26.7	2.383e+04	5236.7	-519.9
9	ok	0.11	0.1	2.04e-02	13.4	13.4	10.3	10.3	-47.8	16.0	68.8	700.6	481.8	228.2
21	ok	0.11	1.0	9.14e-02	13.4	14.3	10.3	13.5	-103.2	-239.7	3.7	3189.5	2.040e+04	-2274.1
82	ok	0.11	0.1	1.51e-02	13.4	13.4	10.3	10.3	-38.1	10.9	54.0	439.1	603.6	211.9
92	ok	0.11	0.1	6.95e-03	13.4	13.4	10.3	10.3	24.6	10.1	-44.9	328.2	768.3	-77.2
97	ok	0.11	0.7	4.74e-02	13.4	13.4	10.3	10.3	-114.0	-83.4	-145.5	1.074e+04	1973.1	-3450.1
98	ok	0.12	1.0	4.62e-02	13.4	15.2	10.3	10.5	-148.2	-163.0	27.6	1.676e+04	3583.3	-1109.2
100	ok	0.13	1.0	0.1	13.4	16.8	10.3	17.4	-396.7	-262.7	-272.2	2.411e+04	2.339e+04	4604.7
113	ok	0.11	0.8	8.33e-02	13.4	13.4	10.3	10.3	-223.8	-298.9	-95.6	2905.1	1.500e+04	1005.4
115	ok	0.11	0.8	9.27e-02	13.4	13.4	10.3	10.3	-161.4	-366.4	138.2	2654.6	1.473e+04	-705.8
138	ok	0.11	0.1	1.01e-02	13.4	13.4	10.3	10.3	-5.89e-02	-8.9	-56.3	431.6	646.9	-100.9
165	ok	0.12	1.0	6.15e-02	16.5	13.4	13.4	10.3	41.2	-292.9	-74.8	-1.021e+04	-1.158e+04	8981.0
166	ok	0.13	1.0	6.49e-02	13.4	18.5	10.3	10.3	-212.9	-129.8	-86.9	2.622e+04	5378.3	380.5
170	ok	0.11	0.7	9.57e-02	13.4	13.4	10.3	10.3	-11.6	-468.3	-82.1	-2374.4	-1.258e+04	-1542.1
179	ok	0.11	1.0	0.1	13.4	13.4	10.3	10.3	-39.7	-658.8	-135.6	-1.373e+04	-2.036e+04	73.1
183	ok	0.11	1.0	8.76e-02	13.5	13.4	10.4	10.3	-142.7	-339.9	-120.6	-1.848e+04	-1.126e+04	-4152.4
184	ok	0.11	0.7	5.87e-02	13.4	13.4	10.3	10.3	-197.9	-181.2	-76.9	-1.451e+04	-7301.8	-1056.6
188	ok	0.11	0.6	0.1	13.4	13.4	10.3	10.3	-69.5	-425.4	-5.4	2491.7	-1.032e+04	1404.9
197	ok	0.11	0.8	7.88e-02	13.4	13.4	10.3	10.3	-208.5	-334.7	9.5	-1.611e+04	-5124.2	1960.4
198	ok	0.11	0.7	5.41e-02	13.4	13.4	10.3	10.3	-216.7	-219.9	-60.5	-1.523e+04	-4401.0	-1272.9
202	ok	0.11	0.6	8.52e-02	13.4	13.4	10.3	10.3	-19.0	-256.1	-126.9	9084.7	-367.3	-3921.0
214	ok	0.11	0.5	6.56e-02	13.4	13.4	10.3	10.3	-71.8	-243.3	-35.4	7187.0	795.5	4385.2
215	ok	0.11	0.8	2.09e-02	13.4	13.4	10.3	10.3	-24.4	56.9	-61.1	1.267e+04	2555.5	2656.2
219	ok	0.11	0.7	6.60e-02	13.4	13.4	10.3	10.3	-98.6	-175.7	-77.6	5690.7	1.000e+04	-2701.2
222	ok	0.11	0.5	0.0	13.4	13.6	10.3	10.5	44.5	295.8	8.4	-2446.5	2944.2	-3737.2
229	ok	0.11	0.7	8.85e-02	13.4	13.4	10.3	10.3	49.8	-282.9	-145.4	-8420.8	-4470.5	-6467.0
237	ok	0.11	7.88e-02	9.76e-03	13.4	13.4	10.3	10.3	-51.0	17.5	21.9	94.9	514.5	107.2
238	ok	0.11	8.25e-02	1.60e-02	13.4	13.4	10.3	10.3	-50.0	17.6	-20.2	354.6	-218.0	-227.2
239	ok	0.11	0.1	8.41e-03	13.4	13.4	10.3	10.3	-11.8	35.6	-26.3	-135.6	-1015.0	335.9
242	ok	0.11	0.7	9.83e-02	13.4	13.4	10.3	10.3	57.9	-389.2	-81.0	-9978.5	-1.257e+04	114.3
243	ok	0.11	0.2	2.35e-03	13.4	13.4	10.3	10.3	6.2	79.5	-32.2	19.4	3.7	-162.9
246	ok	0.12	1.0	7.76e-02	15.8	13.4	10.8	10.3	-266.2	-249.6	-64.5	-2.313e+04	1068.5	-3783.8
248	ok	0.11	0.2	4.98e-02	13.4	13.4	10.3	10.3	-30.4	-129.4	89.3	1952.8	1054.7	-1159.5
249	ok	0.11	0.2	6.55e-02	13.4	13.4	10.3	10.3	-274.3	1.3	-122.5	-516.8	2590.5	1169.6
250	ok	0.11	0.8	6.49e-02	13.4	13.4	10.3	10.3	-238.2	-198.9	-11.7	-1.585e+04	-4248.3	-1438.1
253	ok	0.11	0.1	6.50e-03	13.4	13.4	10.3	10.3	19.5	-19.6	22.5	368.0	820.2	-219.6
257	ok	0.11	0.4	0.3	13.4	13.4	10.3	10.3	-212.2	-1284.6	-411.2	-2150.8	7811.0	7652.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
258	ok	0.11	0.1	1.25e-02	13.4	13.4	10.3	10.3	-29.2	-31.6	31.1	304.5	994.4	-297.7
281	ok	0.11	0.2	4.91e-03	13.4	13.4	10.3	10.3	20.7	92.8	-48.9	-18.4	-47.3	123.0
294	ok	0.11	0.9	7.43e-02	13.4	13.4	10.3	10.3	-91.1	-259.7	-26.7	-1.561e+04	-3936.9	-2889.2
304	ok	0.11	9.33e-02	8.35e-03	13.4	13.4	10.3	10.3	36.2	13.9	51.3	333.5	3.4	-101.8
305	ok	0.11	0.1	1.84e-02	13.4	13.4	10.3	10.3	-3.2	23.9	83.5	43.5	-1066.9	245.0
309	ok	0.11	0.8	5.17e-02	13.4	13.4	10.3	10.3	-148.1	-212.3	6.6	-1.430e+04	-5026.2	-2276.4
319	ok	0.11	0.3	6.31e-02	13.4	13.4	10.3	10.3	-34.6	-268.1	41.1	2332.0	1934.7	2095.1
322	ok	0.14	1.0	0.1	13.4	13.8	10.3	19.2	-219.0	-492.5	-213.0	5932.7	2.963e+04	-453.9
323	ok	0.11	1.0	0.1	13.4	13.9	10.3	12.6	-196.4	-396.2	-224.9	3737.1	2.175e+04	1350.0
327	ok	0.11	0.9	5.23e-02	13.4	13.4	10.3	10.3	-202.5	-192.2	-72.4	1.932e+04	3634.4	-777.2
330	ok	0.11	0.7	6.87e-02	13.4	13.4	10.3	10.3	-46.7	-293.1	-51.9	-8308.8	-6967.8	4546.0
331	ok	0.11	0.8	6.36e-02	13.4	13.4	10.3	10.3	-31.4	-254.1	-8.4	-1.011e+04	-7473.3	-5618.8
332	ok	0.11	1.0	0.1	13.4	13.6	10.3	10.3	-37.6	-351.1	-128.8	1.845e+04	8597.3	2297.4
352	ok	0.11	0.1	1.23e-02	13.4	13.4	10.3	10.3	10.1	-18.2	-41.2	559.2	1082.2	-24.1
353	ok	0.11	7.23e-02	1.54e-02	13.4	13.4	10.3	10.3	-47.2	-17.7	-37.2	440.2	428.6	98.9
497	ok	0.11	0.1	5.85e-03	13.4	13.4	10.3	10.3	-14.5	33.2	-12.6	81.3	-494.7	-187.1
498	ok	0.11	9.28e-02	3.19e-02	13.4	13.4	10.3	10.3	-41.0	-91.9	12.2	913.3	1040.2	-299.6
499	ok	0.11	0.1	4.44e-02	13.4	13.4	10.3	10.3	-81.1	-180.8	-20.6	1492.5	332.6	1214.4
500	ok	0.11	0.2	9.62e-02	13.4	13.4	10.3	10.3	-233.1	-316.6	-206.8	3803.2	1100.8	-782.4
512	ok	0.11	0.1	1.02e-02	13.4	13.4	10.3	10.3	3.89e-02	7.4	-34.6	-81.3	-839.4	-285.0
528	ok	0.11	0.3	2.18e-02	13.4	13.4	10.3	10.3	-61.1	6.0	34.4	783.3	237.7	-220.9
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-396.72	-1284.65	-411.23	-2.313e+04	-2.036e+04	-6467.04
		0.14	0.98	0.28	16.50	18.53	13.36	19.20	57.95	295.84	138.18	2.622e+04	2.963e+04	8981.01

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
2	ok	2.66						
4	ok	3.60						
6	ok Av	8.80	0.40	0.10	10.0	2.6	312.0	79.8
9	ok	0.43						
21	ok Av	6.47	0.19	0.26	4.7	6.4	145.4	199.1
82	ok	0.36						
92	ok	0.60						
97	ok Av	5.90	0.25	0.22	6.2	5.5	194.1	173.0
98	ok Av	8.10	0.37	0.09	9.1	2.3	285.5	72.8
100	ok Av	28.89	0.96	1.00	24.0	28.8	750.1	820.6
113	ok Av	5.71	0.04	0.26	1.0	6.4	31.9	199.9
115	ok	4.02						
138	ok	0.85						
165	ok Av	14.59	0.42	0.52	10.4	12.9	325.5	403.0
166	ok Av	9.06	0.41	0.05	10.2	1.2	318.7	38.2
170	ok Av	7.39	0.02	0.34	0.5	8.4	14.9	261.8
179	ok Av	13.28	0.60	0.20	14.9	4.9	465.3	151.7
183	ok Av	14.13	0.36	0.54	8.9	13.4	277.2	417.4
184	ok Av	13.29	0.43	0.43	10.8	10.6	336.5	330.1
188	ok Av	12.73	0.58	0.24	14.5	6.0	451.1	186.1
197	ok Av	10.13	0.28	0.37	6.9	9.2	215.7	286.9
198	ok Av	10.42	0.37	0.35	9.3	8.7	291.1	270.5
202	ok Av	6.84	0.17	0.26	4.3	6.5	133.0	202.9
214	ok	3.20						
215	ok Av	6.72	0.22	0.29	5.5	7.2	172.0	225.3
219	ok Av	10.25	0.32	0.35	8.1	8.8	252.1	273.5
222	ok Av	7.38	0.26	0.21	6.5	5.3	202.3	166.5
229	ok Av	10.29	0.22	0.41	5.5	10.3	172.7	321.4
237	ok	0.24						
238	ok	1.24						
239	ok	1.26						
242	ok Av	10.46	0.27	0.40	6.6	9.9	207.2	307.8
243	ok	0.50						
246	ok Av	11.34	0.09	0.51	2.2	12.7	69.2	395.9
248	ok	2.84						
249	ok	3.29						
250	ok Av	11.27	0.40	0.34	10.0	8.3	312.2	260.4
253	ok	1.31						
257	ok Av	12.02	0.34	0.52	8.4	12.9	262.8	403.7
258	ok	1.43						
281	ok	0.39						
294	ok Av	9.90	0.21	0.41	5.2	10.2	161.4	319.7

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
304	ok	0.45						
305	ok	0.79						
309	ok Av	10.40	0.34	0.33	8.4	8.3	262.2	259.5
319	ok Av	4.41	0.06	0.19	1.5	4.8	46.4	150.3
322	ok Av	9.98	0.08	0.45	1.9	11.2	59.2	349.4
323	ok Av	6.72	0.23	0.24	5.8	5.9	181.8	185.1
327	ok Av	7.55	0.33	0.11	8.1	2.8	253.9	86.1
330	ok Av	8.54	0.28	0.29	7.0	7.1	219.3	222.2
331	ok Av	11.44	0.35	0.39	8.7	9.7	270.8	303.5
332	ok Av	18.28	0.57	0.64	14.2	15.9	444.5	496.8
352	ok	0.45						
353	ok	0.52						
497	ok	0.31						
498	ok	0.84						
499	ok	1.27						
500	ok	0.99						
512	ok	0.65						
528	ok	1.50						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		28.89	0.96	1.00	24.03	28.79	750.10	820.57

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
8	40.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.11	0.3	2.02e-02	13.4	13.4	10.3	10.3	-61.7	124.2	-96.5	1995.1	-1048.5	-1962.1
2	ok	0.11	0.2	1.13e-02	13.4	13.4	10.3	10.3	21.9	73.5	101.9	461.1	-938.2	1200.8
7	ok	0.12	0.6	0.0	13.4	16.1	10.3	13.0	71.9	458.7	-9.1	4594.4	2145.4	4271.3
22	ok	0.11	0.9	5.73e-02	13.4	13.4	10.3	10.3	56.9	-143.9	-120.0	1.049e+04	-1397.7	1.015e+04
24	ok	0.11	0.7	8.25e-02	13.4	13.4	10.3	10.3	83.3	-382.6	26.0	1.168e+04	7782.2	-300.1
26	ok	0.12	1.0	7.79e-02	13.4	15.0	10.3	11.9	75.6	-335.7	40.6	9054.2	7637.4	-1.156e+04
28	ok	0.12	1.0	4.54e-02	16.1	13.4	13.2	10.3	-116.6	-145.1	102.7	-1.139e+04	-1.278e+04	6681.2
45	ok	0.11	1.0	3.00e-02	13.8	13.4	10.6	10.3	28.7	-19.7	66.0	-1.275e+04	-2168.6	-4594.1
58	ok	0.11	1.0	8.28e-02	13.6	13.4	12.4	10.3	-127.3	-218.4	61.2	-3169.2	-1.905e+04	2680.1
59	ok	0.15	0.9	0.1	13.5	13.4	20.6	10.3	-260.8	-508.9	-104.4	-6294.9	-3.121e+04	404.9
60	ok	0.11	1.0	0.1	14.4	13.4	13.3	10.3	-227.5	-411.1	-120.9	-3980.2	-2.261e+04	-1714.1
89	ok	0.12	1.0	6.00e-02	15.9	13.4	10.5	10.3	-156.8	-250.6	-92.9	-2.251e+04	-4432.7	783.6
90	ok	0.11	0.9	0.2	13.4	13.4	10.3	10.3	-87.3	-790.9	-291.5	7514.3	4727.3	-9510.9
91	ok	0.14	1.0	0.1	21.1	13.4	19.3	10.3	-599.4	-328.1	-283.4	-2.731e+04	-2.340e+04	-5049.5
93	ok	0.12	1.0	6.46e-02	13.4	16.6	10.3	11.4	-211.9	-143.7	-10.1	2.276e+04	-2123.1	5015.9
94	ok	0.11	0.8	6.27e-02	13.4	13.4	10.3	10.3	-172.8	-249.7	-60.9	1.522e+04	290.1	3131.8
113	ok	0.11	0.8	8.02e-02	13.4	13.4	10.3	10.3	-225.2	-289.6	-150.2	-2894.3	-1.514e+04	-736.7
115	ok	0.11	0.8	0.1	13.4	13.4	10.3	10.3	-164.5	-369.1	86.1	-2564.5	-1.465e+04	1220.5
136	ok	0.11	0.2	1.73e-02	13.4	13.4	10.3	10.3	-21.1	-75.8	32.2	124.0	793.1	264.9
137	ok	0.11	0.2	1.62e-02	13.4	13.4	10.3	10.3	-19.2	-74.4	-30.4	76.2	615.2	360.4
138	ok	0.11	0.1	7.96e-03	13.4	13.4	10.3	10.3	-4.5	-11.8	-31.2	101.6	-117.6	-41.5
190	ok	0.11	0.8	7.07e-02	13.4	13.4	10.3	10.3	-172.4	-258.9	-102.7	1.394e+04	2474.5	4927.6
203	ok	0.12	1.0	8.87e-02	13.4	15.5	10.3	11.3	-137.3	-251.5	-122.2	2.013e+04	5889.7	4848.8
205	ok	0.11	1.0	5.92e-02	13.4	13.7	10.3	10.5	-26.6	-246.4	-10.3	1.413e+04	8711.4	1025.7
228	ok	0.16	1.0	6.88e-02	25.3	13.4	10.6	10.3	-191.9	-292.5	-55.2	-3.314e+04	-6691.6	1208.6
238	ok	0.11	0.1	1.36e-02	13.4	13.4	10.3	10.3	-50.5	-29.8	27.6	-207.4	-336.3	-245.8
249	ok	0.11	0.2	6.64e-02	13.4	13.4	10.3	10.3	-276.2	5.9	-159.2	342.9	-2743.7	-1250.6
339	ok	0.18	0.9	6.62e-02	28.7	13.4	10.4	10.3	-207.1	-332.4	-17.8	-3.719e+04	-7088.6	725.3
344	ok	0.11	0.4	5.92e-02	13.4	13.4	10.3	10.3	-12.7	-321.3	35.0	1004.6	5458.4	-2554.0
350	ok	0.11	0.7	6.12e-02	13.4	13.4	10.3	10.3	-173.7	-272.3	-73.7	1.376e+04	6230.8	1090.8
356	ok	0.11	0.7	6.88e-02	13.4	13.4	10.3	10.3	-176.1	-281.2	-64.7	1.332e+04	4678.6	4102.0
367	ok	0.13	1.0	6.87e-02	13.4	18.6	10.3	10.9	-114.2	-284.6	-72.4	2.455e+04	9247.9	3350.8
372	ok	0.14	1.0	5.49e-02	13.4	20.2	10.3	10.3	-94.1	-264.0	-36.4	2.684e+04	1.175e+04	695.8
378	ok	0.11	1.0	5.92e-02	13.4	13.6	10.3	10.4	-32.4	-278.8	21.8	1.439e+04	8561.4	-1129.6
385	ok	0.11	0.8	7.59e-02	13.4	13.4	10.3	10.3	-29.6	-271.3	-64.9	1.138e+04	6856.0	1794.6
386	ok	0.11	0.6	7.33e-02	13.4	13.4	10.3	10.3	11.6	-252.9	17.6	6030.1	7138.9	1945.8
404	ok	0.11	0.8	8.89e-02	13.4	13.4	10.3	10.3	-162.9	-422.4	-80.8	9599.8	5788.4	-7487.7
408	ok	0.14	1.0	6.35e-02	20.4	13.4	10.9	10.3	-184.5	-265.3	-50.0	-2.771e+04	-5550.6	1661.0
410	ok	0.13	1.0	8.73e-02	18.7	13.4	17.2	10.3	-34.1	-210.4	43.2	-1.179e+04	-1.322e+04	-3880.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
416	ok	0.14	1.0	4.96e-02	21.7	13.4	10.7	10.3	-134.8	-236.0	1.6	-2.863e+04	-5488.8	-1876.2
417	ok	0.11	0.6	6.06e-02	13.4	13.4	10.3	10.3	32.0	-51.5	-33.9	5495.8	8042.3	316.2
418	ok	0.11	0.9	5.83e-02	13.4	13.4	10.3	10.3	-68.2	-248.0	54.1	1.355e+04	6561.1	-6535.5
419	ok	0.13	1.0	5.86e-02	13.4	18.0	10.3	11.2	-18.7	-285.8	11.0	2.238e+04	1.124e+04	-3205.2
420	ok	0.11	0.8	5.96e-02	13.4	13.4	10.3	10.3	-16.2	-213.1	-9.3	1.343e+04	9247.5	228.7
422	ok	0.17	0.9	6.73e-02	27.9	13.4	10.3	10.3	-202.8	-314.1	-12.6	-3.620e+04	-7288.6	-597.5
423	ok	0.11	0.5	6.58e-02	13.4	13.4	10.3	10.3	-11.5	-247.5	-7.9	808.6	5513.0	2141.3
426	ok	0.11	0.7	5.41e-02	13.4	13.4	10.3	10.3	-160.8	-263.1	20.9	1.397e+04	6585.4	-1788.6
427	ok	0.14	1.0	5.21e-02	13.4	20.1	10.3	10.4	-77.2	-255.0	-0.2	2.645e+04	1.221e+04	-825.4
429	ok	0.12	1.0	6.33e-02	14.8	13.4	10.3	10.3	-171.4	-284.9	-75.6	-2.145e+04	-4057.0	284.7
430	ok	0.11	0.7	6.69e-02	13.4	13.4	10.3	10.3	-65.6	-264.9	-104.5	8957.1	7032.1	-4065.3
431	ok	0.11	0.8	7.48e-02	13.4	13.4	10.3	10.3	-43.7	-271.2	-62.6	9971.8	7334.7	6146.2
432	ok	0.11	0.8	5.99e-02	13.4	13.4	10.3	10.3	-102.2	-161.4	-21.4	-1.293e+04	-1904.0	2488.6
433	ok	0.11	0.7	6.28e-02	13.4	13.4	10.3	10.3	-138.3	-286.5	-20.0	1.433e+04	4267.8	737.9
434	ok	0.11	0.8	6.65e-02	13.4	13.4	10.3	10.3	-59.4	-279.0	-98.4	1.390e+04	6427.5	-798.6
435	ok	0.11	0.8	6.56e-02	13.4	13.4	10.3	10.3	-136.9	-242.2	-53.8	1.437e+04	6410.8	2091.4
436	ok	0.11	0.6	6.58e-02	13.4	13.4	10.3	10.3	-72.8	-269.9	-116.1	-1.035e+04	-1309.4	-1468.7
439	ok	0.11	0.7	6.28e-02	13.4	13.4	10.3	10.3	-155.8	-302.7	-48.9	1.445e+04	3169.3	-860.2
440	ok	0.11	0.7	6.26e-02	13.4	13.4	10.3	10.3	-166.9	-293.8	-59.4	1.484e+04	5090.3	82.6
442	ok	0.11	0.8	7.93e-02	13.4	13.4	10.3	10.3	-119.1	-373.5	-65.0	1.470e+04	3940.8	-1283.4
446	ok	0.11	1.0	6.88e-02	13.4	13.4	10.3	10.3	-164.7	-247.5	-14.9	-1.884e+04	-3816.7	764.7
447	ok	0.11	0.5	5.78e-02	13.4	13.4	10.3	10.3	-91.6	-211.7	-63.9	-6262.3	-395.4	-4719.7
448	ok	0.11	0.1	4.61e-02	13.4	13.4	10.3	10.3	-83.4	-97.7	79.7	-942.1	143.3	-665.4
449	ok	0.11	0.1	3.68e-02	13.4	13.4	10.3	10.3	-64.1	-139.9	51.7	-2226.0	-647.5	-570.8
450	ok	0.11	0.8	7.45e-02	13.4	13.4	10.3	10.3	-58.2	-319.3	-69.9	1.512e+04	4517.6	42.9
454	ok	0.12	1.0	5.89e-02	15.0	13.4	10.3	10.3	-194.1	-277.6	19.3	-1.651e+04	-3288.0	-62.8
456	ok	0.11	0.8	7.45e-02	13.4	13.4	10.3	10.3	-151.2	-268.5	-19.0	1.563e+04	5576.8	663.3
457	ok	0.12	1.0	5.71e-02	15.3	13.4	10.4	10.3	-183.1	-288.2	77.1	-1.689e+04	-3110.6	162.9
460	ok	0.12	1.0	5.56e-02	14.5	13.4	10.4	10.3	-153.6	-243.4	-4.8	-2.098e+04	-4178.3	251.8
461	ok	0.11	0.6	7.49e-02	13.4	13.4	10.3	10.3	-56.6	-340.8	-111.7	-9964.0	-1202.2	-361.7
462	ok	0.11	0.2	5.42e-02	13.4	13.4	10.3	10.3	-170.8	-191.7	-96.3	-3334.2	-144.3	-381.8
463	ok	0.11	0.7	6.99e-02	13.4	13.4	10.3	10.3	-168.2	-302.4	5.7	-1.304e+04	16.0	893.7
464	ok	0.11	0.5	3.74e-02	13.4	13.4	10.3	10.3	-15.3	-12.6	-28.2	-2577.2	-3341.6	2969.9
466	ok	0.11	0.8	6.77e-02	13.4	13.4	10.3	10.3	-159.4	-302.5	30.7	1.584e+04	-5.3	-1625.4
467	ok	0.11	0.7	6.00e-02	13.4	13.4	10.3	10.3	-152.7	-280.7	-28.2	1.473e+04	1615.8	473.6
468	ok	0.11	0.7	9.82e-02	13.4	13.4	10.3	10.3	223.1	-146.5	46.9	-8568.1	-789.7	835.4
469	ok	0.11	0.5	3.08e-03	13.4	13.4	10.3	10.3	307.3	116.0	-113.4	-3295.1	-219.3	-301.5
474	ok	0.11	0.5	0.1	13.4	13.4	10.3	10.3	-117.0	-518.3	-31.9	-9343.2	-1510.0	-1133.7
475	ok	0.11	0.3	4.53e-03	13.4	13.4	10.3	10.3	47.1	-19.6	-0.2	-3224.7	-1060.3	33.3
478	ok	0.11	0.2	2.95e-02	13.4	13.4	10.3	10.3	-155.1	67.1	49.5	245.0	584.2	788.0
481	ok	0.11	0.3	5.95e-02	13.4	13.4	10.3	10.3	-126.7	-142.0	-172.4	-2263.2	-1186.9	799.2
484	ok	0.11	0.3	7.41e-03	13.4	13.4	10.3	10.3	139.5	122.5	27.0	-2745.3	-62.2	438.1
487	ok	0.11	0.2	4.87e-03	13.4	13.4	10.3	10.3	83.0	8.9	29.2	-2432.2	-438.9	-196.2
490	ok	0.11	0.1	2.68e-02	13.4	13.4	10.3	10.3	-131.1	-75.1	-15.8	-2265.9	-363.1	97.0
493	ok	0.11	0.1	3.06e-02	13.4	13.4	10.3	10.3	-75.6	-107.7	19.6	-1380.1	-363.5	-188.9
496	ok	0.11	8.57e-02	3.19e-02	13.4	13.4	10.3	10.3	-109.6	-56.8	78.6	-707.0	115.8	-511.6
497	ok	0.11	0.1	9.46e-03	13.4	13.4	10.3	10.3	-8.3	29.5	-26.5	-12.8	584.4	-448.9
505	ok	0.11	0.1	3.33e-02	13.4	13.4	10.3	10.3	38.9	-146.8	56.0	-441.9	413.6	152.6
506	ok	0.11	6.92e-02	7.73e-02	13.4	13.4	10.3	10.3	-233.4	-230.9	-166.5	-165.1	-307.6	-261.9
507	ok	0.11	0.1	2.24e-02	13.4	13.4	10.3	10.3	-73.1	-28.6	-61.4	168.4	-137.2	-426.9
508	ok	0.11	0.2	1.15e-02	13.4	13.4	10.3	10.3	39.0	-14.8	-80.6	71.1	332.2	-620.6
509	ok	0.11	0.1	2.37e-02	13.4	13.4	10.3	10.3	-57.0	-107.2	55.2	-315.6	339.1	252.0
510	ok	0.11	0.1	1.46e-02	13.4	13.4	10.3	10.3	-23.3	-71.6	19.5	-263.1	421.3	242.2
511	ok	0.11	0.1	1.36e-02	13.4	13.4	10.3	10.3	-42.4	-56.1	10.2	-98.8	545.1	390.2
512	ok	0.11	0.1	5.47e-03	13.4	13.4	10.3	10.3	-16.2	32.9	-27.3	190.5	1038.7	-405.3
513	ok	0.11	0.1	4.42e-02	13.4	13.4	10.3	10.3	6.5	-234.2	-95.3	88.2	642.7	-55.8
514	ok	0.11	0.2	2.44e-02	13.4	13.4	10.3	10.3	-56.9	-121.0	-59.8	47.6	340.7	-52.4
515	ok	0.11	8.70e-02	2.61e-02	13.4	13.4	10.3	10.3	-9.5	-127.9	47.8	63.3	82.9	-440.3
516	ok	0.11	0.1	6.57e-03	13.4	13.4	10.3	10.3	-23.7	37.6	39.4	81.3	695.5	104.8
517	ok	0.11	0.2	3.20e-02	13.4	13.4	10.3	10.3	-24.7	-146.6	45.3	161.7	564.6	236.7
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-599.38	-790.88	-291.49	-3.719e+04	-3.121e+04	-1.156e+04
		0.18	0.98	0.18	28.67	20.19	20.59	13.00	307.27	458.68	102.65	2.684e+04	1.221e+04	1.015e+04

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok Av	4.82	0.20	0.09	5.0	2.3	155.7	70.2
2	ok	3.10						
7	ok Av	12.56	0.37	0.44	9.3	10.8	289.4	338.5

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
22	ok Av	9.19	0.22	0.36	5.4	8.9	168.6	279.0
24	ok Av	9.26	0.23	0.36	5.6	8.9	175.9	277.4
26	ok Av	13.72	0.38	0.50	9.5	12.4	296.8	386.5
28	ok Av	15.33	0.50	0.54	12.4	13.4	386.1	417.7
45	ok Av	8.67	0.22	0.39	5.6	9.6	174.6	300.2
58	ok Av	7.76	0.23	0.27	5.8	6.7	180.1	209.1
59	ok Av	9.72	0.06	0.44	1.5	11.0	46.5	342.4
60	ok Av	6.86	0.23	0.24	5.8	5.9	180.9	185.5
89	ok Av	7.70	0.34	0.12	8.4	3.1	263.5	96.1
90	ok Av	27.23	0.66	1.00	16.5	28.1	514.7	803.6
91	ok Av	29.24	1.00	1.00	25.0	34.5	778.2	884.6
93	ok Av	10.31	0.14	0.45	3.6	11.3	111.9	353.2
94	ok Av	10.27	0.36	0.30	8.9	7.5	278.9	234.7
113	ok Av	5.75	0.03	0.26	0.9	6.5	26.8	202.1
115	ok Av	4.19	0.06	0.18	1.5	4.5	48.0	139.4
136	ok	0.56						
137	ok	1.46						
138	ok	1.46						
190	ok Av	11.71	0.40	0.35	10.0	8.7	313.1	272.7
203	ok Av	13.67	0.39	0.49	9.7	12.1	303.5	377.9
205	ok Av	12.36	0.25	0.52	6.1	13.1	191.4	407.3
228	ok Av	10.53	0.46	0.15	11.4	3.7	355.5	114.1
238	ok	1.28						
249	ok	3.23						
339	ok Av	11.51	0.52	0.09	12.9	2.1	403.0	66.2
344	ok Av	16.25	0.26	0.71	6.4	17.6	199.4	549.8
350	ok Av	12.64	0.52	0.33	12.9	8.3	401.7	257.6
356	ok Av	12.68	0.47	0.34	11.6	8.5	363.6	264.1
367	ok Av	6.40	0.17	0.25	4.2	6.2	129.7	194.2
372	ok Av	5.40	0.12	0.24	3.0	5.9	94.1	185.3
378	ok Av	12.29	0.25	0.50	6.2	12.5	194.6	389.8
385	ok Av	12.24	0.27	0.49	6.7	12.2	208.9	382.2
386	ok Av	12.49	0.20	0.55	5.1	13.7	157.8	427.9
404	ok Av	8.14	0.37	0.12	9.2	3.1	286.1	95.5
408	ok Av	9.20	0.41	0.17	10.1	4.3	316.5	132.7
410	ok Av	18.62	0.67	0.57	16.6	14.2	517.2	443.7
416	ok Av	10.59	0.44	0.20	10.9	5.1	340.6	158.9
417	ok Av	12.18	0.14	0.55	3.6	13.7	111.3	428.9
418	ok Av	12.08	0.44	0.35	10.9	8.7	340.3	272.2
419	ok Av	6.34	0.14	0.26	3.5	6.5	109.7	203.8
420	ok Av	12.89	0.24	0.54	5.9	13.4	182.7	419.5
422	ok Av	11.87	0.53	0.09	13.3	2.3	415.1	72.0
423	ok Av	17.14	0.25	0.75	6.2	18.6	194.7	580.9
426	ok Av	12.64	0.51	0.31	12.7	7.7	395.8	240.7
427	ok Av	5.25	0.12	0.23	3.0	5.8	92.1	179.9
429	ok Av	7.31	0.33	0.05	8.2	1.3	256.0	41.8
430	ok Av	8.51	0.26	0.29	6.5	7.2	202.6	224.1
431	ok Av	11.47	0.35	0.39	8.7	9.7	271.4	304.2
432	ok Av	6.24	0.26	0.24	6.6	6.0	205.5	188.5
433	ok Av	11.30	0.37	0.36	9.2	9.1	287.8	282.7
434	ok Av	7.93	0.27	0.24	6.8	6.0	211.4	185.8
435	ok Av	10.41	0.36	0.31	9.0	7.8	279.6	242.2
436	ok Av	5.78	0.26	0.05	6.6	1.2	204.9	37.8
439	ok Av	10.37	0.36	0.31	9.0	7.7	280.2	238.9
440	ok Av	11.19	0.39	0.36	9.8	8.9	304.4	276.7
442	ok Av	8.32	0.24	0.29	6.1	7.3	189.7	227.5
446	ok Av	7.82	0.36	0.13	8.9	3.2	277.1	99.5
447	ok	4.08						
448	ok	1.99						
449	ok	1.88						
450	ok Av	8.41	0.26	0.29	6.6	7.1	205.7	221.4
454	ok Av	8.39	0.38	0.07	9.5	1.7	295.4	53.0
456	ok Av	7.94	0.27	0.30	6.8	7.6	210.8	236.2
457	ok Av	7.70	0.35	0.05	8.6	1.3	269.9	41.1
460	ok Av	7.54	0.34	0.06	8.4	1.6	262.7	50.0
461	ok Av	4.95	0.23	0.01	5.6	0.3	175.3	10.0
462	ok	1.78						
463	ok Av	6.19	0.26	0.11	6.6	2.6	204.8	82.7
464	ok	3.90						
466	ok Av	13.42	0.49	0.37	12.1	9.2	378.6	288.1
467	ok Av	9.70	0.34	0.28	8.5	7.0	265.1	219.5
468	ok Av	5.51	0.25	0.03	6.2	0.9	193.4	26.7
469	ok	1.51						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
474	ok Av	6.26	0.28	0.02	7.1	0.5	221.4	16.5
475	ok	1.61						
478	ok	1.71						
481	ok	1.44						
484	ok	0.43						
487	ok	0.45						
490	ok	0.52						
493	ok	0.65						
496	ok	0.44						
497	ok	0.50						
505	ok	0.47						
506	ok	0.70						
507	ok	0.46						
508	ok	0.57						
509	ok	0.35						
510	ok	0.26						
511	ok	0.33						
512	ok	0.49						
513	ok	0.78						
514	ok	0.57						
515	ok	1.30						
516	ok	1.29						
517	ok	0.68						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		29.24	1.00	1.00	24.98	34.51	778.24	884.56

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
9	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
126	ok	0.19	0.2	2.24e-02	13.4	13.4	10.3	10.3	-25.1	93.8	-43.9	-702.8	323.0	551.4
129	ok	0.19	0.2	2.08e-02	13.4	13.4	10.3	10.3	-17.6	55.2	65.0	436.2	515.5	-150.5
234	ok	0.19	0.3	6.29e-02	13.4	13.4	10.3	10.3	-120.6	38.7	-150.8	-1883.1	-506.3	-1102.6
292	ok	0.19	0.2	5.49e-02	13.4	13.4	10.3	10.3	-57.6	-65.1	-34.4	1457.3	314.6	414.1
363	ok	0.19	0.2	4.85e-02	13.4	13.4	10.3	10.3	-125.1	-107.6	77.3	1868.3	380.0	-148.1
406	ok	0.19	0.1	3.52e-02	13.4	13.4	10.3	10.3	-46.4	-125.9	48.2	-622.3	-124.1	111.3
407	ok	0.19	0.4	2.02e-02	13.4	13.4	10.3	10.3	-19.5	228.5	-94.8	-1517.4	-468.1	314.8
411	ok	0.19	0.4	1.98e-02	13.4	13.4	10.3	10.3	-29.6	187.9	-42.7	-1706.8	-424.9	-89.9
412	ok	0.19	0.1	4.34e-02	13.4	13.4	10.3	10.3	2.4	46.7	-0.2	105.1	31.8	-246.0
428	ok	0.19	0.3	6.29e-02	13.4	13.4	10.3	10.3	-139.5	-20.9	135.0	-2110.5	-577.1	1112.0
437	ok	0.19	0.3	4.41e-02	13.4	13.4	10.3	10.3	-94.5	41.0	-68.0	-957.6	1307.2	-881.3
443	ok	0.19	0.3	0.1	13.4	13.4	10.3	10.3	-395.8	7.0	179.7	2726.2	-980.3	-317.5
470	ok	0.19	0.2	0.1	13.4	13.4	10.3	10.3	-334.6	-182.1	-151.0	2325.7	-693.9	178.1
471	ok	0.19	0.4	4.67e-02	13.4	13.4	10.3	10.3	-115.2	-30.2	1.9	-3106.7	-2359.4	-451.0
476	ok	0.19	0.4	2.78e-02	13.4	13.4	10.3	10.3	-64.7	40.2	-14.0	3764.0	2713.9	-372.6
483	ok	0.19	0.3	4.76e-02	13.4	13.4	10.3	10.3	-143.6	-49.9	-60.7	-3187.8	-2130.9	413.0
486	ok	0.19	0.3	4.31e-02	13.4	13.4	10.3	10.3	206.0	-13.8	93.2	-803.5	-81.6	-403.7
492	ok	0.19	0.3	6.80e-02	13.4	13.4	10.3	10.3	96.6	-52.0	-181.6	-858.9	-194.0	428.2
494	ok	0.19	0.3	4.58e-02	13.4	13.4	10.3	10.3	-68.4	119.9	34.0	-883.0	1124.5	785.5
495	ok	0.19	0.4	3.27e-02	13.4	13.4	10.3	10.3	43.0	72.5	-113.1	2960.3	2230.9	-238.0
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-395.80	-182.07	-181.64	-3187.78	-2359.38	-1102.62
		0.19	0.41	0.13	13.40	13.40	10.26	10.26	206.02	228.54	179.71	3763.96	2713.88	1111.99

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
126	ok Av	5.95	0.25	0.10	6.3	2.5	113.5	44.4
129	ok	5.16						
234	ok	5.67						
292	ok	1.56						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
363	ok	1.99						
406	ok	2.55						
407	ok	2.48						
411	ok	2.33						
412	ok	2.91						
428	ok Av	7.53	0.34	0.05	8.5	1.2	152.8	22.2
437	ok Av	5.83	0.21	0.16	5.3	4.0	95.7	71.9
443	ok Av	14.64	0.50	0.44	12.4	11.1	223.5	199.2
470	ok Av	11.59	0.39	0.35	9.8	8.7	177.3	157.4
471	ok	4.81						
476	ok Av	6.53	0.08	0.29	1.9	7.2	34.5	129.3
483	ok	4.60						
486	ok	0.91						
492	ok	1.20						
494	ok	4.66						
495	ok Av	5.36	0.06	0.24	1.4	5.9	25.5	106.6
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		14.64	0.50	0.44	12.41	11.06	223.49	199.20

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
10	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
27	ok	0.15	0.3	2.96e-02	13.4	13.4	10.3	10.3	-25.6	10.3	17.6	-1770.2	-1143.9	-134.2
29	ok	0.15	0.5	1.15e-02	13.4	13.4	10.3	10.3	79.8	54.0	124.1	547.0	2760.8	489.2
30	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-66.8	-421.4	89.1	-1030.8	1372.9	883.2
31	ok	0.15	0.4	7.37e-02	13.4	13.4	10.3	10.3	-131.7	-124.9	239.5	2192.2	339.5	-374.1
32	ok	0.15	0.3	7.58e-02	13.4	13.4	10.3	10.3	-111.4	-34.8	154.7	-1333.1	-356.6	-525.7
33	ok	0.15	0.2	3.61e-02	13.4	13.4	10.3	10.3	-97.6	-8.2	-43.9	-1640.0	-1459.5	447.5
34	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-129.2	-105.0	-134.6	-1505.5	-909.1	1385.0
37	ok	0.15	0.5	8.86e-02	13.4	13.4	10.3	10.3	100.4	-157.1	-135.9	4028.2	1512.1	-265.0
42	ok	0.15	0.3	6.78e-02	13.4	13.4	10.3	10.3	-98.2	-106.7	93.9	3383.0	782.8	-158.3
49	ok	0.15	0.3	5.54e-02	13.4	13.4	10.3	10.3	-138.1	-55.6	135.1	-1816.1	-761.3	-345.1
50	ok	0.15	0.2	4.48e-02	13.4	13.4	10.3	10.3	-103.1	-61.8	120.7	-2199.4	-983.2	100.9
51	ok	0.15	0.3	8.17e-02	13.4	13.4	10.3	10.3	-98.9	-312.0	57.1	-4482.6	324.0	797.4
67	ok	0.15	0.3	6.16e-02	13.4	13.4	10.3	10.3	-138.5	-183.2	37.9	704.7	-1403.9	2333.1
68	ok	0.15	0.3	4.68e-02	13.4	13.4	10.3	10.3	-124.6	-77.7	133.4	-2804.5	-961.7	34.6
69	ok	0.15	0.2	5.27e-02	13.4	13.4	10.3	10.3	-107.5	-60.6	144.1	-1939.5	-669.4	-78.7
71	ok	0.15	0.4	5.49e-02	13.4	13.4	10.3	10.3	-86.6	-89.6	189.6	3889.4	850.4	72.4
73	ok	0.15	0.5	9.15e-02	13.4	13.4	10.3	10.3	69.9	-310.0	157.5	5399.8	2204.4	758.9
74	ok	0.15	0.3	6.62e-02	13.4	13.4	10.3	10.3	-82.6	-257.8	-31.7	-4476.8	765.1	-781.2
75	ok	0.15	0.2	4.60e-02	13.4	13.4	10.3	10.3	-101.3	-74.4	127.4	-2739.5	-968.7	-55.2
76	ok	0.15	0.2	5.21e-02	13.4	13.4	10.3	10.3	-90.8	-47.2	115.3	-1894.6	-679.9	201.1
77	ok	0.15	0.4	5.73e-02	13.4	13.4	10.3	10.3	-82.1	-94.8	105.3	4390.0	1018.1	218.1
86	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-51.6	-366.5	-159.7	-699.7	984.7	-954.4
87	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-162.4	-142.6	171.7	-1573.8	-866.6	-1400.3
88	ok	0.15	0.3	4.34e-02	13.4	13.4	10.3	10.3	-138.1	-38.3	85.0	-2036.3	-1534.6	-451.1
230	ok	0.15	0.2	0.1	13.4	13.4	10.3	10.3	-378.2	-222.0	244.5	2947.9	30.4	62.2
231	ok	0.15	0.3	0.1	13.4	13.4	10.3	10.3	-387.8	-210.1	-229.6	3698.6	217.2	-145.9
232	ok	0.15	0.3	0.3	13.4	13.4	10.3	10.3	-65.0	-957.4	-308.0	778.4	-4000.8	433.2
233	ok	0.15	0.4	0.3	13.4	13.4	10.3	10.3	-64.3	-1121.7	379.9	603.8	-4038.9	9.4
278	ok	0.15	0.9	0.1	13.4	13.4	10.3	10.3	-304.0	-379.7	226.3	-8662.4	-2108.8	3185.4
282	ok	0.15	0.5	6.45e-02	13.4	13.4	10.3	10.3	-146.4	-96.5	-202.3	2982.4	370.8	427.5
312	ok	0.15	0.3	5.80e-02	13.4	13.4	10.3	10.3	-90.9	-33.7	-101.6	-1539.5	-758.4	506.2
382	ok	0.15	0.3	4.18e-02	13.4	13.4	10.3	10.3	-49.7	-35.6	-46.8	-2091.5	-1398.9	253.6
383	ok	0.15	0.4	1.19e-02	13.4	13.4	10.3	10.3	66.1	56.1	-121.3	437.2	2331.5	-394.1
388	ok	0.15	0.5	4.29e-02	13.4	13.4	10.3	10.3	159.4	210.7	-109.7	-2579.1	-3366.8	-200.3
397	ok	0.15	0.5	3.23e-02	13.6	13.4	10.5	10.3	207.1	265.4	134.2	-2560.1	-1337.9	504.7
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-387.81	-1121.68	-308.02	-8662.39	-4038.89	-1400.26
		0.15	0.86	0.31	13.60	13.40	10.46	10.26	207.07	265.42	379.87	5399.81	2760.77	3185.45

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
27	ok	3.32						
29	ok	2.09						
30	ok Av	6.40	0.18	0.27	4.4	6.6	98.0	147.9
31	ok	1.58						
32	ok	4.27						
33	ok	2.55						
34	ok Av	5.02	0.18	0.14	4.5	3.5	100.8	78.4
37	ok Av	10.14	0.45	0.18	11.2	4.4	250.1	98.6
42	ok	2.39						
49	ok	2.92						
50	ok	1.66						
51	ok	3.17						
67	ok Av	7.22	0.08	0.33	2.0	8.1	45.0	181.8
68	ok	2.36						
69	ok	2.81						
71	ok	2.66						
73	ok Av	10.06	0.44	0.21	10.9	5.2	245.0	117.5
74	ok	3.48						
75	ok	1.68						
76	ok	2.70						
77	ok	2.61						
86	ok Av	5.11	0.15	0.20	3.8	4.9	85.6	109.6
87	ok	4.39						
88	ok	2.01						
230	ok Av	5.51	0.24	0.06	6.1	1.4	136.4	32.1
231	ok Av	6.30	0.28	0.05	7.0	1.3	157.7	28.9
232	ok Av	8.61	0.38	0.17	9.6	4.3	215.9	97.4
233	ok Av	7.15	0.32	0.11	8.0	2.7	179.1	60.8
278	ok Av	10.49	0.46	0.21	11.5	5.3	258.7	119.4
282	ok	2.01						
312	ok	4.62						
382	ok	3.60						
383	ok	1.75						
388	ok Av	6.33	0.28	0.12	6.9	3.1	155.1	68.6
397	ok Av	8.00	0.35	0.13	8.8	3.3	197.5	73.4
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		10.49	0.46	0.33	11.55	8.11	258.74	181.77

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
11	40.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.11	0.3	2.04e-02	13.4	13.4	10.3	10.3	-66.0	117.6	94.1	2033.9	-1015.0	1920.8
3	ok	0.11	0.2	2.13e-02	13.4	13.4	10.3	10.3	-86.7	120.6	-76.4	2126.5	-1227.4	-2278.0
7	ok	0.12	0.6	0.0	13.4	15.9	10.3	12.7	68.4	433.0	0.2	4841.4	2001.0	-4566.7
10	ok	0.12	1.0	4.61e-02	16.3	13.4	13.4	10.3	-121.1	-147.4	-105.4	-1.214e+04	-1.355e+04	-7880.4
23	ok	0.11	1.0	3.20e-02	14.1	13.4	10.9	10.3	57.2	-23.7	-177.3	-1.090e+04	-1899.9	6332.5
58	ok	0.11	1.0	8.10e-02	13.7	13.4	12.4	10.3	-129.8	-219.2	-64.5	-3188.1	-1.902e+04	-3032.8
59	ok	0.15	0.9	0.1	13.5	13.4	20.6	10.3	-260.5	-507.9	97.6	-6264.5	-3.120e+04	-650.9
60	ok	0.11	1.0	0.1	14.4	13.4	13.2	10.3	-228.3	-412.4	114.5	-3987.5	-2.262e+04	1652.3
70	ok	0.11	1.0	1.84e-02	13.8	13.4	10.7	10.3	69.6	30.7	103.1	-1.163e+04	-2008.4	-4450.5
79	ok	0.12	0.6	0.0	13.4	15.4	10.3	12.3	67.6	451.9	-11.0	4165.0	1826.9	4171.0
83	ok	0.12	1.0	7.67e-02	13.4	14.9	10.3	11.8	82.5	-342.5	-48.3	9306.2	7306.6	1.164e+04
84	ok	0.11	0.7	8.14e-02	13.4	13.4	10.3	10.3	76.6	-374.9	-26.5	1.193e+04	7480.5	-24.5
85	ok	0.11	0.9	5.59e-02	13.4	13.4	10.3	10.3	55.9	-149.0	112.4	1.065e+04	-1881.0	-1.082e+04
146	ok	0.11	0.4	6.81e-02	13.4	13.4	10.3	10.3	40.5	-22.1	11.9	5748.5	5754.3	-240.2
148	ok	0.14	1.0	4.97e-02	20.6	13.4	11.0	10.3	-127.7	-213.2	-76.6	-2.708e+04	-5039.8	2258.8
154	ok	0.11	1.0	5.69e-02	13.4	13.4	10.3	10.3	-56.3	-226.2	-63.8	1.413e+04	7110.1	6707.1
155	ok	0.13	1.0	5.80e-02	13.4	17.8	10.3	11.2	-8.9	-282.8	-14.6	2.222e+04	1.104e+04	3126.6
156	ok	0.11	0.8	6.25e-02	13.4	13.4	10.3	10.3	-14.2	-154.9	16.6	1.351e+04	7740.7	-1674.6
159	ok	0.11	0.4	6.98e-02	13.4	13.4	10.3	10.3	-7.0	-149.2	32.9	952.9	4193.4	-4367.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
161	ok	0.17	0.9	5.46e-02	27.6	13.4	10.4	10.3	-152.5	-265.6	-16.8	-3.513e+04	-7110.9	1142.9
167	ok	0.11	0.8	4.91e-02	13.4	13.4	10.3	10.3	-128.0	-233.5	-42.8	1.460e+04	6246.8	2520.4
168	ok	0.14	1.0	4.88e-02	13.4	21.1	10.3	10.4	-63.0	-232.5	-19.5	2.763e+04	1.105e+04	1048.5
169	ok	0.12	1.0	6.03e-02	13.4	14.7	10.3	10.7	-34.2	-195.2	11.5	1.910e+04	8837.3	-2215.3
172	ok	0.11	0.3	5.70e-02	13.4	13.4	10.3	10.3	-22.9	-247.7	52.6	259.5	3263.8	-1886.8
174	ok	0.18	0.9	5.39e-02	29.0	13.4	10.3	10.3	-157.5	-270.4	4.3	-3.695e+04	-7318.1	56.6
180	ok	0.11	0.7	4.78e-02	13.4	13.4	10.3	10.3	-119.2	-235.0	-4.5	1.396e+04	5066.7	295.8
181	ok	0.14	1.0	4.69e-02	13.4	21.9	10.3	10.3	-94.6	-234.2	14.7	2.894e+04	1.021e+04	102.6
182	ok	0.11	1.0	5.39e-02	13.4	14.3	10.3	10.3	-46.3	-252.5	12.9	1.939e+04	8038.7	-338.1
185	ok	0.11	0.3	6.49e-02	13.4	13.4	10.3	10.3	-17.5	-225.8	-44.0	1074.9	3724.4	2869.5
187	ok	0.17	0.9	5.10e-02	27.6	13.4	10.3	10.3	-162.6	-256.1	12.9	-3.544e+04	-6967.9	-714.6
193	ok	0.11	0.8	4.86e-02	13.4	13.4	10.3	10.3	-120.2	-224.4	15.2	1.466e+04	5088.9	-2566.1
194	ok	0.14	1.0	4.92e-02	13.4	21.3	10.3	10.5	-76.6	-237.9	14.7	2.793e+04	1.090e+04	-1381.5
195	ok	0.11	1.0	5.90e-02	13.4	13.9	10.3	10.5	-38.5	-232.6	2.2	1.846e+04	8468.6	1616.1
200	ok	0.12	1.0	4.95e-02	15.6	13.4	12.4	10.3	-110.2	2.5	-54.5	-8969.5	-1.314e+04	5801.6
206	ok	0.12	1.0	7.41e-02	13.4	15.9	10.3	12.7	113.3	-336.6	33.7	9584.0	8556.1	-1.141e+04
207	ok	0.11	0.7	8.51e-02	13.4	13.4	10.3	10.3	99.8	-385.3	3.7	1.174e+04	8340.8	-93.2
208	ok	0.11	0.9	6.09e-02	13.4	13.4	10.3	10.3	59.4	-173.1	-135.9	1.023e+04	-891.8	1.001e+04
209	ok	0.11	1.0	0.1	14.2	13.4	13.7	10.3	-241.4	-423.5	-149.3	-4041.7	-2.342e+04	-1609.4
210	ok	0.15	0.9	0.1	13.5	13.4	20.9	10.3	-265.9	-509.9	-125.8	-6389.0	-3.147e+04	517.9
211	ok	0.11	1.0	8.28e-02	13.8	13.4	12.7	10.3	-123.3	-218.9	47.3	-3162.7	-1.929e+04	2682.4
387	ok	0.11	0.6	7.67e-02	13.4	13.4	10.3	10.3	30.9	-96.0	-23.8	4880.5	8853.8	2034.9
391	ok	0.11	0.9	6.47e-02	13.4	13.4	10.3	10.3	-14.1	-169.8	-31.3	1.634e+04	9700.4	2773.5
394	ok	0.13	1.0	5.59e-02	13.4	19.4	10.3	11.0	-9.5	-257.3	32.6	2.415e+04	1.163e+04	-2131.0
395	ok	0.11	0.9	5.20e-02	13.4	13.4	10.3	10.3	-73.9	-221.3	90.4	1.496e+04	7546.4	-5598.1
396	ok	0.15	1.0	4.12e-02	23.2	13.4	10.7	10.3	-131.5	-186.2	36.7	-2.922e+04	-5889.0	-2164.9
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-265.91	-509.88	-177.26	-3.695e+04	-3.147e+04	-1.141e+04
		0.18	0.98	0.11	29.01	21.89	20.93	12.75	113.28	451.88	114.47	2.894e+04	1.163e+04	1.164e+04

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok Av	4.95	0.21	0.09	5.2	2.2	161.2	69.3
3	ok Av	4.83	0.20	0.09	5.0	2.3	155.8	71.4
7	ok Av	13.14	0.39	0.46	9.6	11.4	300.0	356.2
10	ok Av	15.12	0.51	0.50	12.7	12.4	397.0	386.1
23	ok Av	8.87	0.24	0.39	5.9	9.8	183.4	306.1
58	ok Av	8.14	0.24	0.28	6.1	7.0	189.4	218.0
59	ok Av	9.66	0.07	0.44	1.6	10.9	50.6	341.4
60	ok Av	6.75	0.23	0.24	5.6	6.0	175.8	185.9
70	ok Av	8.65	0.19	0.39	4.8	9.7	150.1	301.8
79	ok Av	12.10	0.35	0.43	8.7	10.7	270.7	333.1
83	ok Av	13.61	0.37	0.50	9.3	12.4	289.5	387.4
84	ok Av	9.25	0.23	0.36	5.6	8.9	175.2	277.1
85	ok Av	9.21	0.22	0.36	5.5	8.9	171.1	278.1
146	ok Av	12.68	0.12	0.57	3.0	14.3	94.0	446.0
148	ok Av	10.41	0.42	0.22	10.4	5.6	325.4	174.6
154	ok Av	12.24	0.43	0.36	10.7	8.9	332.8	278.6
155	ok Av	6.56	0.15	0.26	3.7	6.5	116.4	204.4
156	ok Av	13.73	0.25	0.57	6.3	14.3	195.2	445.7
159	ok Av	18.64	0.25	0.81	6.3	20.2	195.4	631.5
161	ok Av	11.40	0.51	0.12	12.6	2.9	394.0	90.9
167	ok Av	12.95	0.52	0.34	12.9	8.4	404.0	262.4
168	ok Av	5.63	0.20	0.25	4.9	6.1	153.9	191.2
169	ok Av	13.06	0.26	0.56	6.4	13.9	199.4	433.5
172	ok Av	16.75	0.26	0.72	6.5	17.9	203.5	558.5
174	ok Av	12.07	0.55	0.06	13.6	1.6	425.2	49.1
180	ok Av	12.47	0.50	0.28	12.4	6.9	387.7	214.4
181	ok Av	4.90	0.10	0.20	2.4	5.0	74.5	157.1
182	ok Av	12.85	0.25	0.53	6.1	13.3	190.6	413.7
185	ok Av	17.41	0.25	0.75	6.3	18.7	196.6	585.2
187	ok Av	12.24	0.55	0.12	13.6	3.0	424.2	92.4
193	ok Av	12.23	0.49	0.28	12.1	7.0	379.2	217.0
194	ok Av	4.95	0.10	0.21	2.6	5.3	80.1	165.2
195	ok Av	13.05	0.25	0.55	6.1	13.7	191.6	427.4
200	ok Av	13.94	0.45	0.49	11.2	12.3	350.8	383.1
206	ok Av	14.18	0.39	0.52	9.7	12.9	301.6	403.8
207	ok Av	9.61	0.24	0.37	6.0	9.1	187.8	284.1
208	ok Av	9.56	0.23	0.37	5.7	9.3	176.6	289.3

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
209	ok Av	7.28	0.24	0.25	5.9	6.2	185.4	193.8
210	ok Av	9.99	0.07	0.45	1.7	11.3	54.3	351.7
211	ok Av	7.94	0.24	0.28	5.9	6.9	185.2	214.1
387	ok Av	14.01	0.19	0.64	4.8	15.9	150.0	496.7
391	ok Av	12.62	0.24	0.54	6.0	13.4	187.6	417.2
394	ok Av	6.31	0.16	0.27	4.1	6.7	126.9	210.6
395	ok Av	12.08	0.48	0.36	12.0	8.9	373.8	277.3
396	ok Av	10.93	0.46	0.20	11.4	5.0	354.6	156.2
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		18.64	0.55	0.81	13.62	20.23	425.21	631.49

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
12	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
234	ok	0.19	0.3	9.24e-02	13.4	13.4	10.3	10.3	-173.5	193.8	241.7	393.9	726.3	-506.0
405	ok	0.19	0.2	0.1	13.4	13.4	10.3	10.3	-47.6	-233.3	322.6	-252.7	215.5	60.7
412	ok	0.19	0.2	3.03e-02	13.4	13.4	10.3	10.3	16.3	43.0	136.0	-910.1	-405.5	-202.6
425	ok	0.19	0.3	0.1	13.4	13.4	10.3	10.3	106.8	-10.7	296.8	78.8	336.4	187.3
453	ok	0.19	0.4	6.22e-02	13.4	13.4	10.3	10.3	46.5	20.9	-177.3	-203.2	-1313.7	-12.6
465	ok	0.19	0.4	0.0	13.4	13.4	10.3	10.3	459.5	86.2	-19.8	314.1	337.7	-137.0
470	ok	0.19	0.2	0.3	13.4	13.4	10.3	10.3	-411.6	-635.7	-197.2	392.9	841.1	-130.3
485	ok	0.19	9.48e-02	7.65e-02	13.4	13.4	10.3	10.3	-183.8	-130.3	-175.5	306.0	67.6	160.2
486	ok	0.19	0.4	3.16e-02	13.4	13.4	10.3	10.3	228.7	11.5	-177.0	340.3	5.0	-200.1
494	ok	0.19	0.4	5.41e-02	13.4	13.4	10.3	10.3	92.5	74.2	-175.0	-144.5	-509.2	-110.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-411.61	-635.66	-197.15	-910.14	-1313.67	-506.00
		0.19	0.41	0.30	13.40	13.40	10.26	10.26	459.54	193.82	322.55	393.88	841.11	187.32

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
234	ok	2.34						
405	ok	1.03						
412	ok	2.17						
425	ok	1.56						
453	ok	0.86						
465	ok	1.33						
470	ok	2.58						
485	ok	1.04						
486	ok	1.58						
494	ok	1.37						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		2.58						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
13	40.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
3	ok	0.11	0.2	1.98e-02	13.4	13.4	10.3	10.3	-80.3	115.6	-68.6	-2225.0	1085.2	2107.2
4	ok	0.11	0.3	1.37e-02	13.4	13.4	10.3	10.3	-39.0	100.2	74.9	-1949.1	974.5	-1666.0
21	ok	0.11	1.0	7.07e-02	13.4	13.6	10.3	12.8	-112.5	-250.3	-162.4	3696.2	2.026e+04	1683.6

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
63	ok	0.17	1.0	8.41e-02	13.4	27.2	10.3	10.6	-149.8	-392.0	-107.0	3.494e+04	6594.5	-1185.6
79	ok	0.12	0.6	0.0	15.4	13.4	12.3	10.3	67.2	415.4	-2.5	-4871.1	-1865.6	-4577.6
128	ok	0.20	0.9	7.15e-02	13.4	31.9	10.3	10.3	-159.2	-352.2	-43.6	3.991e+04	7954.2	-261.4
209	ok	0.11	1.0	0.1	13.4	14.5	10.3	13.6	-244.7	-424.3	-102.3	3987.5	2.305e+04	1668.0
210	ok	0.15	0.9	0.1	13.4	13.5	10.3	21.0	-264.0	-510.7	-81.0	6332.2	3.152e+04	-610.9
211	ok	0.11	1.0	7.86e-02	13.4	13.8	10.3	12.6	-128.7	-225.4	74.9	3234.3	1.930e+04	-3014.6
212	ok	0.12	1.0	3.92e-02	15.8	13.4	10.7	10.3	-19.7	-247.9	20.7	-1.591e+04	-3835.6	-1591.1
213	ok	0.19	0.9	6.11e-02	13.4	31.0	10.3	10.3	-132.6	-305.7	14.9	3.862e+04	7680.4	-32.6
221	ok	0.11	0.4	4.13e-02	13.4	13.4	10.3	10.3	-23.6	-202.1	17.3	-274.9	2307.5	2285.3
222	ok	0.11	0.6	2.76e-03	13.4	13.4	10.3	10.3	-10.4	232.8	-10.6	-1246.5	5481.2	3162.8
223	ok	0.11	0.7	5.31e-02	13.4	13.4	10.3	10.3	-108.4	-256.3	22.0	-1.321e+04	-2659.2	348.2
224	ok	0.15	1.0	4.14e-02	23.5	13.4	10.3	10.3	-71.4	-196.9	23.6	-3.034e+04	-5909.5	294.8
225	ok	0.12	1.0	3.48e-02	16.1	13.4	10.3	10.3	-6.4	-213.5	28.7	-1.639e+04	-2675.4	-221.8
226	ok	0.19	0.9	6.37e-02	13.4	31.6	10.3	10.3	-133.5	-320.8	0.2	3.927e+04	7749.5	70.4
259	ok	0.11	0.7	8.15e-02	13.4	13.4	10.3	10.3	98.4	-389.6	50.5	-1.192e+04	-7267.3	242.1
260	ok	0.11	0.9	5.10e-02	13.4	13.4	10.3	10.3	56.1	-150.9	-106.0	-1.066e+04	2481.9	-1.052e+04
261	ok	0.14	1.0	5.29e-02	13.4	21.8	10.3	11.1	-69.8	-214.1	111.5	2.727e+04	5197.9	2345.0
262	ok	0.11	0.7	8.66e-02	13.4	13.4	10.3	10.3	49.2	63.8	17.2	-6134.5	-7708.9	151.5
263	ok	0.11	0.9	6.31e-02	13.4	13.4	10.3	10.3	-21.5	-234.7	130.1	-1.422e+04	-6454.4	7255.9
264	ok	0.13	1.0	5.99e-02	18.5	13.4	11.1	10.3	5.9	-271.3	60.0	-2.289e+04	-1.063e+04	3643.0
265	ok	0.11	0.8	6.80e-02	13.4	13.4	10.3	10.3	-4.5	-84.2	13.9	-1.437e+04	-8617.1	-1076.8
266	ok	0.18	0.9	6.21e-02	13.4	28.3	10.3	10.5	-141.9	-288.9	54.4	3.565e+04	7207.1	1258.6
267	ok	0.11	0.5	7.60e-02	13.4	13.4	10.3	10.3	9.4	-44.7	-14.1	-961.4	-5568.4	-3649.5
268	ok	0.11	0.8	5.70e-02	13.4	13.4	10.3	10.3	-110.7	-237.7	97.4	-1.462e+04	-6065.4	3150.8
269	ok	0.14	1.0	5.13e-02	21.3	13.4	10.4	10.3	-72.0	-226.8	83.1	-2.768e+04	-1.088e+04	1473.2
270	ok	0.12	1.0	6.51e-02	14.7	13.4	10.8	10.3	-44.7	-309.8	73.9	-1.747e+04	-8211.2	-1729.8
271	ok	0.19	0.9	6.42e-02	13.4	30.3	10.3	10.3	-130.4	-307.8	63.4	3.805e+04	7304.5	252.5
272	ok	0.11	0.4	5.62e-02	13.4	13.4	10.3	10.3	-29.3	-349.5	53.3	-26.2	-4879.7	1860.1
273	ok	0.11	0.7	5.59e-02	13.4	13.4	10.3	10.3	-121.1	-240.3	56.5	-1.429e+04	-5344.0	1157.0
274	ok	0.15	1.0	4.84e-02	22.4	13.4	10.3	10.3	-87.8	-208.0	58.1	-2.921e+04	-9708.0	935.6
275	ok	0.12	1.0	5.04e-02	14.8	13.4	10.3	10.3	-39.9	-269.0	59.3	-1.564e+04	-6910.4	539.1
276	ok	0.19	0.9	6.22e-02	13.4	30.7	10.3	10.3	-126.4	-300.0	57.4	3.838e+04	7511.2	261.3
277	ok	0.11	0.3	4.75e-02	13.4	13.4	10.3	10.3	-30.9	-295.0	-44.6	-207.1	-1493.6	-3236.6
279	ok	0.11	0.7	5.41e-02	13.4	13.4	10.3	10.3	-94.9	-248.8	61.0	-1.327e+04	-3562.8	622.5
280	ok	0.15	1.0	4.42e-02	23.1	13.4	10.3	10.3	-81.2	-201.8	60.5	-2.993e+04	-7002.5	-345.1
301	ok	0.11	1.0	2.92e-02	13.4	14.4	10.3	11.2	87.1	-10.8	150.1	1.151e+04	1875.1	5065.9
302	ok	0.12	1.0	5.01e-02	13.4	16.4	10.3	14.6	-121.9	-189.7	99.2	1.261e+04	1.539e+04	-7268.7
303	ok	0.12	1.0	8.19e-02	15.2	13.4	12.0	10.3	106.8	-348.6	76.3	-9389.5	-7665.4	1.178e+04
313	ok	0.19	0.9	7.72e-02	13.4	30.9	10.3	10.5	-160.5	-373.8	-69.7	3.895e+04	7423.6	-958.7
321	ok	0.11	1.0	7.07e-02	13.4	13.8	10.3	10.7	-46.3	-184.5	-109.3	1.393e+04	2189.7	-4493.5
322	ok	0.14	1.0	0.1	13.4	13.9	10.3	19.3	-212.8	-490.8	7.1	6212.3	2.897e+04	222.0
323	ok	0.12	1.0	0.1	13.4	14.6	10.3	12.1	-196.5	-417.4	7.9	3746.1	2.122e+04	-1796.1
358	ok	0.14	1.0	8.36e-02	13.4	21.4	10.3	11.4	-146.3	-352.8	-150.9	2.755e+04	5212.2	-2651.9
552	ok	0.11	0.7	5.24e-02	13.4	13.4	10.3	10.3	-96.6	-258.4	15.3	-1.318e+04	-3230.4	486.4
553	ok	0.15	1.0	3.94e-02	23.6	13.4	10.3	10.3	-77.9	-195.6	16.0	-3.018e+04	-6513.7	235.6
554	ok	0.12	1.0	3.54e-02	15.9	13.4	10.4	10.3	-15.3	-176.5	-9.5	-1.632e+04	-3636.0	220.8
555	ok	0.11	0.3	4.39e-02	13.4	13.4	10.3	10.3	-38.2	-270.4	46.9	-161.5	1015.3	1826.6
556	ok	0.11	0.7	5.66e-02	13.4	13.4	10.3	10.3	-118.0	-270.1	-42.7	-1.269e+04	-3415.9	-691.2
557	ok	0.15	1.0	4.16e-02	22.8	13.4	10.3	10.3	-97.4	-197.1	-16.8	-2.975e+04	-7519.3	-280.9
558	ok	0.12	1.0	4.10e-02	15.1	13.4	10.3	10.3	-23.3	-212.2	-16.5	-1.571e+04	-5071.6	257.5
559	ok	0.11	0.3	4.49e-02	13.4	13.4	10.3	10.3	-16.2	-217.2	36.6	-280.7	-2800.2	1528.4
560	ok	0.11	0.7	6.09e-02	13.4	13.4	10.3	10.3	-137.0	-277.2	-74.2	-1.328e+04	-5229.3	-1646.6
561	ok	0.15	1.0	4.61e-02	22.0	13.4	10.3	10.3	-76.0	-196.7	-56.5	-2.881e+04	-9409.5	-892.6
562	ok	0.12	1.0	4.96e-02	15.7	13.4	10.7	10.3	-15.9	-155.0	-17.7	-1.589e+04	-6036.6	881.9
563	ok	0.11	0.5	6.03e-02	13.4	13.4	10.3	10.3	11.7	209.9	17.0	-931.5	-1197.6	3583.5
564	ok	0.11	0.8	6.82e-02	13.4	13.4	10.3	10.3	-132.7	-284.3	-78.0	-1.400e+04	-5790.5	-3743.8
565	ok	0.14	1.0	5.45e-02	20.6	13.4	11.0	10.3	-84.5	-217.9	-75.0	-2.656e+04	-9747.3	-3371.1
566	ok	0.11	0.9	5.72e-02	13.4	13.4	10.3	10.3	-37.1	-177.3	-25.8	-1.280e+04	-6653.0	-2844.5
567	ok	0.11	0.9	6.20e-02	13.4	13.4	10.3	10.3	14.1	168.5	17.2	-6542.5	-7708.3	-2090.0
568	ok	0.11	0.9	7.65e-02	13.4	13.4	10.3	10.3	-86.6	-287.2	-130.5	-1.392e+04	-6094.1	-6856.2
569	ok	0.13	1.0	6.23e-02	17.4	13.4	10.5	10.3	-34.6	-260.8	-85.4	-2.226e+04	-8962.7	-2554.9
570	ok	0.12	1.0	4.94e-02	15.0	13.4	11.8	10.3	-32.2	-215.5	-24.6	-1.758e+04	-674.8	6110.5
571	ok	0.12	1.0	6.74e-02	13.4	16.4	10.3	13.4	-68.7	-336.8	-103.8	1.343e+04	1.388e+04	4144.5
572	ok	0.11	1.0	9.41e-02	13.4	13.4	10.3	10.3	29.2	-350.6	-131.8	-9047.9	-7109.9	-1.130e+04
573	ok	0.11	0.7	8.00e-02	13.4	13.4	10.3	10.3	54.4	-361.1	-112.7	-1.104e+04	-7629.2	369.2
574	ok	0.11	0.9	4.54e-02	13.4	13.4	10.3	10.3	65.4	-199.4	11.4	-7583.4	-4592.6	9362.6
575	ok	0.11	0.9	3.13e-02	13.4	13.4	10.3	10.3	-16.5	-155.7	-59.8	-5764.5	-5906.3	4918.3
581	ok	0.20	0.9	6.69e-02	13.4	31.9	10.3	10.3	-148.4	-335.2	-23.9	3.975e+04	7857.3	-154.8
582	ok	0.11	0.7	5.34e-02	13.4	13.4	10.3	10.3	-124.3	-265.4	-22.9	-1.310e+04	-3237.0	188.0
583	ok	0.15	1.0	3.93e-02	23.2	13.4	10.3	10.3	-88.2	-194.2	-17.0	-3.004e+04	-6982.4	436.1
584	ok	0.12	1.0	3.60e-02	15.4	13.4	10.4	10.3	-25.8	-229.4	-3.0	-1.585e+04	-4042.5	897.9
585	ok	0.11	0.3	4.15e-02	13.4	13.4	10.3	10.3	-29.0	-252.5	46.9	-92.8	-2198.3	2208.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
Nodo		x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									-264.00	-510.74	-162.39	-3.034e+04	-1.088e+04	-1.130e+04
		0.20	0.98	0.13	23.56	31.88	12.28	20.98	106.82	415.40	150.08	3.991e+04	3.152e+04	1.178e+04

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
3	ok Av	5.11	0.22	0.09	5.4	2.2	167.7	67.9
4	ok Av	4.67	0.20	0.08	4.9	2.1	153.1	65.2
21	ok Av	7.19	0.20	0.28	4.9	7.0	152.0	217.8
63	ok Av	10.89	0.48	0.13	11.9	3.3	371.6	104.4
79	ok Av	13.51	0.40	0.47	10.0	11.6	313.5	362.2
128	ok Av	12.05	0.55	0.07	13.6	1.7	423.8	53.4
209	ok Av	7.13	0.23	0.25	5.8	6.1	181.2	191.4
210	ok Av	9.75	0.07	0.44	1.6	11.0	51.4	344.1
211	ok Av	8.18	0.24	0.29	6.0	7.1	187.7	222.1
212	ok Av	13.64	0.27	0.57	6.7	14.1	210.4	440.8
213	ok Av	11.24	0.51	0.05	12.7	1.4	396.3	42.6
221	ok Av	20.46	0.31	0.88	7.8	21.9	242.6	683.4
222	ok Av	6.95	0.20	0.24	5.1	6.1	158.1	189.9
223	ok Av	12.96	0.51	0.31	12.6	7.6	393.7	236.8
224	ok Av	5.33	0.17	0.22	4.3	5.5	133.5	172.2
225	ok Av	14.37	0.25	0.61	6.3	15.1	196.5	470.4
226	ok Av	11.29	0.51	0.06	12.7	1.4	397.8	44.5
259	ok Av	9.34	0.23	0.36	5.8	8.9	182.3	276.5
260	ok Av	9.12	0.23	0.35	5.7	8.7	177.7	270.7
261	ok Av	10.58	0.43	0.23	10.6	5.7	331.2	176.7
262	ok Av	12.40	0.16	0.56	3.9	13.9	121.9	435.1
263	ok Av	12.12	0.43	0.36	10.7	8.9	335.1	278.7
264	ok Av	6.39	0.14	0.26	3.5	6.5	108.8	203.7
265	ok Av	13.13	0.25	0.55	6.1	13.6	191.7	425.5
266	ok Av	11.89	0.53	0.13	13.1	3.2	409.3	100.9
267	ok Av	17.12	0.24	0.75	6.0	18.7	186.7	583.0
268	ok Av	12.52	0.51	0.32	12.7	8.0	395.6	248.5
269	ok Av	5.29	0.12	0.23	3.0	5.8	94.9	181.3
270	ok Av	12.49	0.26	0.53	6.5	13.1	203.0	409.5
271	ok Av	11.42	0.52	0.09	12.9	2.2	401.7	70.1
272	ok Av	17.27	0.28	0.74	7.0	18.3	217.4	572.4
273	ok Av	12.99	0.53	0.32	13.1	7.8	409.3	244.8
274	ok Av	5.22	0.12	0.23	2.9	5.7	91.7	177.7
275	ok Av	13.20	0.25	0.55	6.2	13.7	193.1	426.3
276	ok Av	10.95	0.50	0.06	12.4	1.4	387.0	44.6
277	ok Av	19.76	0.26	0.86	6.5	21.5	201.6	670.9
279	ok Av	13.08	0.51	0.32	12.8	7.9	398.0	248.0
280	ok Av	5.35	0.11	0.23	2.6	5.6	82.2	175.5
301	ok Av	9.09	0.22	0.41	5.4	10.2	167.0	317.0
302	ok Av	16.27	0.53	0.56	13.2	14.0	411.8	437.5
303	ok Av	13.90	0.38	0.51	9.4	12.8	292.0	398.7
313	ok Av	11.06	0.50	0.09	12.3	2.3	385.1	73.1
321	ok Av	8.71	0.24	0.38	5.9	9.6	183.5	298.1
322	ok Av	9.41	0.05	0.43	1.3	10.6	39.8	331.3
323	ok Av	6.38	0.23	0.22	5.6	5.5	176.1	172.2
358	ok Av	10.58	0.44	0.24	11.1	5.9	345.2	184.4
552	ok Av	12.89	0.52	0.29	12.9	7.3	404.0	227.2
553	ok Av	4.97	0.11	0.21	2.6	5.3	82.5	166.0
554	ok Av	13.22	0.26	0.55	6.6	13.7	205.0	427.2
555	ok Av	18.10	0.29	0.77	7.2	19.2	226.0	600.4
556	ok Av	13.07	0.52	0.30	12.9	7.4	403.6	230.5
557	ok Av	5.21	0.10	0.22	2.5	5.4	76.9	167.9
558	ok Av	13.37	0.26	0.55	6.4	13.8	199.1	430.1
559	ok Av	17.30	0.25	0.76	6.3	18.8	196.3	587.9
560	ok Av	13.61	0.54	0.36	13.4	9.0	417.0	282.4
561	ok Av	5.72	0.21	0.25	5.2	6.3	162.4	196.2
562	ok Av	13.72	0.25	0.57	6.3	14.3	196.3	445.0
563	ok Av	19.84	0.29	0.87	7.1	21.6	222.2	675.4
564	ok Av	13.33	0.50	0.35	12.4	8.8	385.7	273.3
565	ok Av	5.61	0.18	0.23	4.4	5.7	137.1	177.3
566	ok Av	13.73	0.33	0.53	8.3	13.2	259.9	411.8
567	ok Av	15.18	0.26	0.68	6.4	16.9	200.5	526.2
568	ok Av	12.07	0.42	0.36	10.4	9.0	324.6	279.8
569	ok Av	5.86	0.14	0.23	3.4	5.7	107.2	178.1

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
570	ok Av	9.21	0.23	0.36	5.6	8.8	174.9	275.9
571	ok Av	27.15	0.85	0.94	21.3	23.3	663.5	728.5
572	ok Av	13.46	0.38	0.48	9.5	12.0	296.3	375.6
573	ok Av	9.49	0.22	0.37	5.6	9.2	173.3	288.4
574	ok Av	9.79	0.30	0.42	7.6	10.5	235.7	328.7
575	ok Av	11.83	0.52	0.24	13.1	6.0	407.3	187.0
581	ok Av	11.51	0.52	0.06	13.0	1.4	405.8	43.6
582	ok Av	12.68	0.51	0.29	12.8	7.1	398.6	222.8
583	ok Av	4.86	0.10	0.21	2.4	5.1	73.9	160.3
584	ok Av	12.61	0.26	0.52	6.6	12.9	205.3	402.2
585	ok Av	16.74	0.24	0.73	5.9	18.2	184.7	566.8
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		27.15	0.85	0.94	21.26	23.34	663.50	728.50

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
15	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
176	ok	0.19	0.1	2.69e-02	13.4	13.4	10.3	10.3	136.8	-30.5	-121.2	910.1	432.0	-100.0
240	ok	0.19	0.1	2.46e-02	13.4	13.4	10.3	10.3	11.2	35.2	-102.4	-1202.3	-124.2	-48.6
256	ok	0.19	0.3	4.59e-02	13.4	13.4	10.3	10.3	6.7	-112.0	59.2	-3269.8	-1013.9	-376.5
342	ok	0.19	0.1	9.65e-03	13.4	13.4	10.3	10.3	7.6	28.2	5.7	-946.2	-406.9	284.3
359	ok	0.19	0.4	4.47e-02	13.4	13.4	10.3	10.3	-44.4	-118.7	63.2	-3883.2	-769.2	181.9
380	ok	0.19	0.1	5.07e-03	13.4	13.4	10.3	10.3	277.6	26.1	-29.1	237.7	-738.6	296.4
401	ok	0.19	0.1	1.04e-02	13.4	13.4	10.3	10.3	-6.8	18.3	-10.2	-542.4	-530.9	220.8
402	ok	0.19	0.2	2.65e-02	13.4	13.4	10.3	10.3	16.8	-50.7	45.5	-1484.5	-348.6	82.0
403	ok	0.19	0.2	2.97e-02	13.4	13.4	10.3	10.3	13.7	-61.0	-32.6	-1705.2	-358.6	-67.3
405	ok	0.19	0.1	1.95e-02	13.4	13.4	10.3	10.3	18.0	6.1	70.3	-923.8	-145.5	-1.8
425	ok	0.19	0.1	2.28e-02	13.4	13.4	10.3	10.3	138.7	-28.0	106.3	835.5	330.3	112.7
438	ok	0.19	0.3	3.37e-02	13.4	13.4	10.3	10.3	62.3	72.0	117.9	442.9	-1683.0	-712.7
444	ok	0.19	0.4	1.72e-02	13.4	13.4	10.3	10.3	-28.4	34.5	-40.0	2682.2	2229.9	-830.9
451	ok	0.19	0.2	3.09e-03	13.4	13.4	10.3	10.3	25.8	71.1	14.2	741.5	490.0	490.4
452	ok	0.19	0.4	1.78e-02	13.4	13.4	10.3	10.3	-47.5	51.9	43.1	2972.3	2387.8	793.8
453	ok	0.19	0.3	2.05e-02	13.4	13.4	10.3	10.3	93.8	84.8	-105.8	54.6	-1816.9	689.6
455	ok	0.19	0.2	7.58e-03	13.4	13.4	10.3	10.3	-4.3	68.6	-14.6	808.6	666.4	-326.1
465	ok	0.19	0.2	3.34e-03	13.4	13.4	10.3	10.3	268.3	17.2	35.3	523.7	148.0	-133.3
480	ok	0.19	0.1	4.75e-02	13.4	13.4	10.3	10.3	-152.0	-99.9	-38.8	-916.2	196.7	-309.2
485	ok	0.19	8.34e-02	3.15e-02	13.4	13.4	10.3	10.3	-21.9	-93.8	15.8	-390.2	121.5	366.3
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-151.96	-118.70	-121.18	-3883.23	-1816.87	-830.92
		0.19	0.41	0.05	13.40	13.40	10.26	10.26	277.63	84.83	117.86	2972.34	2387.76	793.78

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
176	ok	1.81						
240	ok	4.92						
256	ok	1.97						
342	ok	1.79						
359	ok	2.28						
380	ok	1.29						
401	ok	1.72						
402	ok	2.52						
403	ok	2.36						
405	ok	4.21						
425	ok	1.57						
438	ok	3.32						
444	ok	5.25						
451	ok	1.99						
452	ok	4.92						
453	ok	2.25						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
455	ok	1.97						
465	ok	1.33						
480	ok	3.01						
485	ok	1.40						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		5.25						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
16	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
176	ok	0.19	8.94e-02	0.1	13.4	13.4	10.3	10.3	82.5	-194.5	344.7	-354.7	-30.5	-289.2
240	ok	0.19	8.47e-02	0.1	13.4	13.4	10.3	10.3	-59.6	-224.6	317.4	129.2	-233.6	-19.4
380	ok	0.19	0.2	0.0	13.4	13.4	10.3	10.3	425.5	72.4	36.8	200.5	1089.5	313.7
406	ok	0.19	0.1	2.85e-02	13.4	13.4	10.3	10.3	23.7	53.9	128.0	689.7	372.3	162.9
428	ok	0.19	0.1	9.01e-02	13.4	13.4	10.3	10.3	-197.6	221.3	218.8	117.3	-668.0	520.0
437	ok	0.19	0.2	8.44e-02	13.4	13.4	10.3	10.3	-128.8	396.3	-129.0	287.6	178.7	-219.4
438	ok	0.19	0.2	8.17e-02	13.4	13.4	10.3	10.3	3.9	13.4	-217.0	312.9	1419.2	124.2
443	ok	0.19	0.2	0.3	13.4	13.4	10.3	10.3	-487.9	-851.3	425.7	-404.5	-590.5	-232.4
480	ok	0.19	8.81e-02	0.1	13.4	13.4	10.3	10.3	-231.0	-236.9	-189.8	301.1	73.2	7.2
492	ok	0.19	7.00e-02	4.12e-02	13.4	13.4	10.3	10.3	73.5	-55.4	-119.5	45.1	90.0	262.3
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-487.87	-851.26	-216.99	-404.50	-668.03	-289.15
		0.19	0.18	0.32	13.40	13.40	10.26	10.26	425.55	396.31	425.66	689.74	1419.23	519.98

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
176	ok	1.66						
240	ok	1.09						
380	ok	1.10						
406	ok	1.87						
428	ok	1.73						
437	ok	0.79						
438	ok	0.60						
443	ok	1.53						
480	ok	1.46						
492	ok	1.52						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		1.87						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
4	50.00	1	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.09	0.7	2.17e-02	13.4	5.7	13.4	5.7	213.8	207.8	-333.9	1430.3	1464.3	5845.3
2	ok	0.07	0.7	2.68e-02	8.4	5.7	8.4	5.7	105.9	122.4	265.0	194.1	253.5	-2384.9
3	ok	0.09	0.6	2.42e-02	14.6	5.7	14.6	5.7	206.9	218.3	352.4	1425.2	1571.2	-6689.0
4	ok	0.08	0.6	2.17e-02	12.1	5.7	12.1	5.7	158.0	212.0	-307.4	367.3	963.5	4569.7
5	ok	0.06	0.5	8.06e-02	5.7	5.7	5.7	5.7	-320.0	-405.2	42.5	-1472.8	-8131.0	503.1
6	ok	0.08	1.0	0.1	10.6	5.7	7.4	5.7	-478.7	-166.2	254.7	-2.444e+04	-5408.8	-946.4
8	ok	0.06	0.4	8.76e-02	5.7	5.7	5.7	5.7	-305.0	-421.2	61.2	2839.4	6688.3	-219.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
11	ok	0.06	0.3	8.21e-02	5.7	5.7	5.7	5.7	-256.7	-307.4	69.8	2405.3	4899.1	897.4
12	ok	0.06	0.3	8.08e-02	5.7	5.7	5.7	5.7	-321.2	-311.7	104.2	3330.8	5208.1	-672.6
13	ok	0.06	0.3	7.62e-02	5.7	5.7	5.7	5.7	-277.3	-262.7	66.4	2324.9	3595.0	1449.3
17	ok	0.06	0.4	8.56e-02	5.7	5.7	5.7	5.7	-207.2	-308.0	22.3	2408.6	6271.5	1008.9
18	ok	0.06	0.7	0.1	5.7	5.7	5.7	5.7	-353.3	-589.5	-153.2	-3375.6	-1.525e+04	529.3
19	ok	0.06	0.5	9.41e-02	5.7	5.7	5.7	5.7	-224.2	-341.5	-57.3	-3650.9	-8803.5	-576.7
23	ok	0.07	1.0	8.15e-02	7.5	5.7	7.5	5.7	-326.5	-107.5	-213.7	-1.152e+04	-3377.5	5556.6
25	ok	0.06	0.8	0.1	5.7	5.7	5.7	5.7	-343.8	-572.7	-86.0	-3403.7	-1.687e+04	291.6
31	ok	0.06	0.6	9.85e-02	5.7	5.7	5.7	5.7	-460.2	-245.2	116.4	-1.022e+04	-2243.5	-1868.4
42	ok	0.06	0.7	0.1	5.7	5.7	5.7	5.7	-554.1	-260.4	-90.9	-1.327e+04	-3019.9	-428.0
45	ok	0.07	1.0	8.41e-02	7.3	5.7	7.3	5.7	-90.4	-317.3	-203.4	-3460.7	-1.162e+04	5103.2
46	ok	0.06	0.8	0.1	5.7	5.7	5.7	5.7	-354.3	-575.2	80.1	-3574.4	-1.666e+04	55.1
52	ok	0.06	0.7	9.65e-02	5.7	5.7	5.7	5.7	-242.3	-472.7	-102.6	-2638.9	-1.206e+04	1879.7
63	ok	0.10	1.0	0.1	7.7	5.7	16.8	5.7	-458.9	-517.5	-286.7	-6824.2	-3.412e+04	2431.3
64	ok	0.06	0.2	8.88e-02	5.7	5.7	5.7	5.7	-243.3	-303.5	-26.7	1451.2	4796.8	-290.7
65	ok	0.06	0.7	0.1	5.7	5.7	5.7	5.7	-288.8	-556.4	118.1	-3420.9	-1.510e+04	540.3
70	ok	0.07	1.0	8.22e-02	7.8	5.7	7.8	5.7	-294.2	-31.6	225.5	-9768.2	-3408.2	-5580.7
71	ok	0.06	0.7	0.1	5.7	5.7	5.7	5.7	-586.0	-247.8	-126.1	-1.366e+04	-3247.6	458.4
77	ok	0.06	0.7	0.1	5.7	5.7	5.7	5.7	-570.7	-231.8	-129.4	-1.297e+04	-2943.6	1220.0
89	ok	0.08	1.0	0.1	6.9	5.7	10.0	5.7	-336.4	-405.7	216.2	-4461.8	-2.308e+04	-1583.0
97	ok	0.06	0.9	9.08e-02	5.7	5.7	5.7	5.7	-337.9	-141.0	176.3	-1.192e+04	-2674.1	-1762.3
98	ok	0.07	1.0	0.1	8.8	5.7	7.1	5.7	-483.1	-254.8	229.3	-2.219e+04	-4738.7	-1328.1
99	ok	0.06	0.2	0.1	5.7	5.7	5.7	5.7	-392.2	-284.9	-2.9	-307.9	-2080.0	1232.3
109	ok	0.06	0.6	0.1	5.7	5.7	5.7	5.7	-265.7	-478.6	115.6	-1704.9	-7470.3	-2115.8
116	ok	0.06	0.6	0.1	5.7	5.7	5.7	5.7	-280.0	-574.4	64.1	-1994.8	-8567.4	-809.3
125	ok	0.06	0.5	0.1	5.7	5.7	5.7	5.7	-289.4	-578.5	-21.7	-2017.5	-8046.4	-67.1
127	ok	0.06	0.4	9.05e-02	5.7	5.7	5.7	5.7	-286.9	-418.1	-27.9	1986.8	5850.7	1103.7
128	ok	0.12	1.0	0.1	6.7	5.7	19.3	5.7	-448.8	-569.3	-223.7	-7964.9	-3.997e+04	1141.9
140	ok	0.06	0.3	8.43e-02	5.7	5.7	5.7	5.7	-376.5	-412.1	-38.8	-4897.5	279.0	520.4
148	ok	0.09	1.0	0.1	12.6	5.7	7.8	5.7	-492.7	-309.4	-223.4	-2.709e+04	-5517.9	3114.5
151	ok	0.06	0.5	9.87e-02	5.7	5.7	5.7	5.7	-154.7	-368.2	96.2	-2133.4	-9362.9	-263.7
161	ok	0.10	1.0	0.1	16.0	5.7	6.8	5.7	-585.4	-382.7	-205.0	-3.514e+04	-7227.5	1805.3
163	ok	0.06	0.2	0.1	5.7	5.7	5.7	5.7	-392.9	-241.6	81.1	-2330.3	1213.6	-594.2
166	ok	0.08	1.0	0.1	11.3	5.7	7.6	5.7	-575.7	-195.8	280.6	-2.684e+04	-5794.9	-1079.3
171	ok	0.06	0.3	0.1	5.7	5.7	5.7	5.7	-327.6	-476.2	-14.0	-603.1	-4281.8	1253.4
174	ok	0.11	1.0	0.1	17.0	5.7	6.3	5.7	-573.4	-375.3	-181.9	-3.709e+04	-7656.7	650.0
187	ok	0.10	1.0	0.1	16.1	5.7	6.6	5.7	-571.7	-355.4	186.2	-3.542e+04	-7394.3	-1409.8
196	ok	0.06	0.3	8.53e-02	5.7	5.7	5.7	5.7	-332.9	-402.1	-10.8	-3945.8	-835.6	-170.5
199	ok	0.06	0.6	0.1	5.7	5.7	5.7	5.7	-341.4	-371.7	-112.9	-6597.4	-1.023e+04	142.5
213	ok	0.11	1.0	0.1	6.5	5.7	18.5	5.7	-406.0	-551.6	-159.9	-7683.5	-3.898e+04	532.6
215	ok	0.06	1.0	0.1	6.2	5.7	6.2	5.7	-258.7	-3.8	-98.3	-1.260e+04	-3707.2	3012.7
216	ok	0.06	0.3	7.38e-02	5.7	5.7	5.7	5.7	-290.2	-264.9	108.8	-741.2	-5404.4	536.3
226	ok	0.12	1.0	0.1	6.3	5.7	18.8	5.7	-414.5	-537.7	-180.5	-7722.9	-3.938e+04	639.8
227	ok	0.06	0.4	0.1	5.7	5.7	5.7	5.7	-270.5	-546.4	178.1	-1624.9	-7875.3	151.9
228	ok	0.10	1.0	0.1	7.6	5.7	16.1	5.7	-423.3	-510.8	241.8	-6663.3	-3.307e+04	-2402.4
230	ok	0.06	1.0	9.80e-02	5.9	5.7	5.9	5.7	-374.5	-257.8	212.1	-1.049e+04	-8166.8	-2445.6
231	ok	0.06	1.0	8.64e-02	6.4	5.7	6.4	5.7	-242.1	-364.4	-166.6	-1.034e+04	-1.320e+04	2024.8
254	ok	0.06	0.5	9.10e-02	5.7	5.7	5.7	5.7	-300.6	-487.2	3.8	-1619.0	-9544.2	759.1
256	ok	0.06	0.2	8.50e-02	5.7	5.7	5.7	5.7	-227.0	-382.9	44.2	-369.8	-3891.6	310.8
261	ok	0.09	1.0	0.1	8.3	5.7	13.2	5.7	-317.4	-511.0	264.1	-5573.7	-2.760e+04	-3309.6
266	ok	0.10	1.0	0.1	7.2	5.7	16.7	5.7	-397.0	-590.8	247.9	-7313.0	-3.565e+04	-1981.0
271	ok	0.11	1.0	0.1	6.8	5.7	18.2	5.7	-393.5	-534.9	242.4	-7567.0	-3.769e+04	-1175.1
276	ok	0.11	1.0	0.1	6.7	5.7	18.4	5.7	-400.5	-562.1	228.7	-7652.0	-3.856e+04	-856.3
282	ok	0.06	0.7	0.1	5.7	5.7	5.7	5.7	-518.3	-199.2	-178.6	-1.089e+04	-2223.3	2292.8
283	ok	0.06	0.7	0.1	5.7	5.7	5.7	5.7	-361.0	-563.8	-127.2	-3220.5	-1.453e+04	291.5
292	ok	0.06	0.2	8.65e-02	5.7	5.7	5.7	5.7	-249.2	-377.6	-16.4	1016.0	3344.1	-971.4
295	ok	0.06	0.8	0.1	5.7	5.7	5.7	5.7	-311.7	-558.4	-36.9	-3718.9	-1.597e+04	174.1
301	ok	0.07	1.0	8.19e-02	8.0	5.7	8.0	5.7	-94.7	-308.3	250.7	-3330.6	-9944.9	-6177.5
311	ok	0.06	0.7	0.1	5.7	5.7	5.7	5.7	-278.3	-247.1	137.1	-3726.6	-6788.5	-2271.0
313	ok	0.11	1.0	0.1	7.1	5.7	18.6	5.7	-464.5	-590.4	-254.1	-7656.3	-3.871e+04	1777.1
318	ok	0.06	0.4	1.00e-01	5.7	5.7	5.7	5.7	-202.6	-459.5	54.1	-1623.3	-7994.3	-1632.0
321	ok	0.07	1.0	9.97e-02	7.4	5.7	7.4	5.7	-277.0	-343.2	-252.5	-3196.4	-1.310e+04	5283.0
324	ok	0.06	0.3	8.45e-02	5.7	5.7	5.7	5.7	-314.1	-395.8	-24.7	2824.7	4573.5	1767.9
327	ok	0.07	1.0	9.64e-02	7.0	5.7	6.9	5.7	-400.7	-238.9	197.7	-1.837e+04	-3844.2	-1367.8
333	ok	0.06	0.4	9.89e-02	5.7	5.7	5.7	5.7	-176.2	-485.4	-2.5	-1603.0	-8720.6	-750.2
339	ok	0.10	1.0	0.1	6.7	5.7	16.9	5.7	-470.6	-597.4	214.4	-7378.9	-3.682e+04	-1393.1
345	ok	0.06	0.2	8.91e-02	5.7	5.7	5.7	5.7	-235.3	-286.6	-15.1	1789.9	4163.2	-1057.6
348	ok	0.06	0.1	0.1	5.7	5.7	5.7	5.7	-434.7	-271.2	-40.4	-1511.2	-920.4	261.4
355	ok	0.06	0.5	9.75e-02	5.7	5.7	5.7	5.7	-282.7	-477.9	55.8	-2031.2	-8901.5	-1496.1
358	ok	0.09	1.0	0.1	8.5	5.7	13.4	5.7	-446.2	-505.5	-293.7	-5539.8	-2.754e+04	3765.6
359	ok	0.06	0.2	7.67e-02	5.7	5.7	5.7	5.7	-259.6	-307.6	89.0	-527.8	-3116.4	-346.7
363	ok	0.06	0.2	8.32e-02	5.7	5.7	5.7	5.7	-259.2	-341.0	-32.4	902.1	3479.9	492.1
365	ok	0.06	0.8	0.1	5.7	5.7	5.7	5.7	-333.5	-559.5	117.2	-3437.3	-1.662e+04	-123.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
376	ok	0.06	0.5	0.1	5.7	5.7	5.7	5.7	-127.4	-636.6	-56.1	-3710.1	-1.124e+04	-660.9
396	ok	0.09	1.0	0.1	13.1	5.7	7.5	5.7	-524.8	-293.0	-164.4	-3.073e+04	-6383.2	-1115.2
399	ok	0.06	0.6	0.1	5.7	5.7	5.7	5.7	-324.9	-535.5	-9.9	-2742.0	-1.239e+04	-206.3
408	ok	0.09	1.0	0.1	7.8	5.7	13.3	5.7	-351.6	-465.8	245.0	-5506.2	-2.777e+04	-2880.8
416	ok	0.09	1.0	0.1	7.2	5.7	12.7	5.7	-320.7	-520.4	-192.9	-5827.2	-2.868e+04	2454.0
422	ok	0.10	1.0	0.1	6.3	5.7	16.5	5.7	-401.2	-598.5	-162.9	-7422.0	-3.587e+04	794.6
429	ok	0.07	1.0	0.1	6.8	5.7	8.3	5.7	-372.2	-414.8	225.1	-4197.5	-2.078e+04	-797.2
432	ok	0.06	1.0	8.91e-02	5.7	5.7	5.7	5.7	-224.9	-354.4	205.0	-2769.6	-1.275e+04	-1939.3
446	ok	0.07	1.0	0.1	7.2	5.7	7.7	5.7	-343.2	-405.4	225.7	-3926.6	-1.902e+04	-1250.9
454	ok	0.07	1.0	0.1	6.6	5.7	8.4	5.7	-378.6	-429.7	-133.8	-4393.8	-2.207e+04	391.5
457	ok	0.07	1.0	0.1	6.6	5.7	8.4	5.7	-386.5	-461.7	209.3	-4441.8	-2.195e+04	-529.7
460	ok	0.07	1.0	0.1	6.7	5.7	8.4	5.7	-363.8	-419.6	229.6	-4271.5	-2.107e+04	-665.8
480	ok	0.06	0.2	0.1	5.7	5.7	5.7	5.7	-150.7	-509.8	-18.9	-3018.5	-4842.8	335.3
485	ok	0.06	0.2	8.81e-02	5.7	5.7	5.7	5.7	-281.7	-333.5	-140.0	2494.4	2097.4	-305.8
486	ok	0.06	0.3	7.50e-02	5.7	5.7	5.7	5.7	-405.0	-319.7	45.1	3774.5	3986.6	709.8
492	ok	0.06	0.3	8.46e-02	5.7	5.7	5.7	5.7	-332.2	-362.2	-41.3	1286.6	4299.6	-334.0
529	ok	0.06	0.3	8.96e-02	5.7	5.7	5.7	5.7	-351.2	-312.9	-90.2	2456.3	2415.2	1576.9
530	ok	0.06	0.3	8.78e-02	5.7	5.7	5.7	5.7	-410.0	-286.6	-45.2	4203.5	2456.2	695.6
531	ok	0.06	0.3	8.69e-02	5.7	5.7	5.7	5.7	-361.8	-235.8	-2.8	5291.3	1796.7	182.8
532	ok	0.06	0.3	8.57e-02	5.7	5.7	5.7	5.7	-402.9	-298.8	35.3	4450.7	2542.2	-239.4
533	ok	0.06	0.3	8.94e-02	5.7	5.7	5.7	5.7	-287.4	-277.7	126.2	2295.5	2429.2	-1472.0
534	ok	0.06	0.3	9.02e-02	5.7	5.7	5.7	5.7	-284.7	-410.4	37.0	2888.1	4554.9	79.5
535	ok	0.06	0.4	9.17e-02	5.7	5.7	5.7	5.7	-272.4	-426.4	3.7	2268.3	5620.5	768.1
536	ok	0.06	0.4	7.93e-02	5.7	5.7	5.7	5.7	-294.5	-284.4	35.3	4666.4	3808.8	1700.0
537	ok	0.06	0.4	8.15e-02	5.7	5.7	5.7	5.7	-218.0	-238.8	-28.9	6818.8	1871.9	183.7
538	ok	0.06	0.4	7.94e-02	5.7	5.7	5.7	5.7	-313.8	-278.8	-55.7	4386.9	3762.6	-1911.5
539	ok	0.06	0.3	8.80e-02	5.7	5.7	5.7	5.7	-285.4	-288.2	-67.0	2998.0	4726.7	-353.9
540	ok	0.06	0.4	8.97e-02	5.7	5.7	5.7	5.7	-288.7	-311.9	-39.1	2005.2	5853.9	-966.3
541	ok	0.06	0.4	8.60e-02	5.7	5.7	5.7	5.7	-275.2	-409.9	-11.0	1387.6	5265.3	-2291.7
542	ok	0.06	0.4	9.48e-02	5.7	5.7	5.7	5.7	-278.9	-334.1	8.3	1047.9	6591.8	-464.4
543	ok	0.06	0.2	9.15e-02	5.7	5.7	5.7	5.7	-308.2	-420.9	32.1	-1045.8	3353.7	228.3
544	ok	0.06	0.4	9.90e-02	5.7	5.7	5.7	5.7	-277.1	-364.1	6.3	1145.2	6927.2	-128.2
545	ok	0.06	0.2	0.1	5.7	5.7	5.7	5.7	-326.7	-563.9	33.1	746.4	3901.4	-223.4
546	ok	0.06	0.4	0.1	5.7	5.7	5.7	5.7	-251.9	-389.0	-3.0	1313.8	7124.9	260.0
547	ok	0.06	0.4	0.1	5.7	5.7	5.7	5.7	-269.9	-504.0	3.8	596.4	4545.8	-97.0
548	ok	0.06	0.4	0.1	5.7	5.7	5.7	5.7	-269.6	-369.9	-6.3	1632.7	6889.3	468.9
549	ok	0.06	0.4	9.63e-02	5.7	5.7	5.7	5.7	-302.1	-460.9	23.7	2142.4	6843.9	-122.2
550	ok	0.06	0.3	9.86e-02	5.7	5.7	5.7	5.7	-215.4	-294.0	35.6	1294.6	5772.2	-35.7
551	ok	0.06	0.3	9.17e-02	5.7	5.7	5.7	5.7	-215.4	-303.0	56.6	1513.4	5584.6	-155.4
576	ok	0.06	0.1	8.99e-02	5.7	5.7	5.7	5.7	-359.6	-303.2	53.2	-1366.6	-1598.2	-242.5
577	ok	0.06	0.1	8.86e-02	5.7	5.7	5.7	5.7	-300.5	-351.1	42.2	1099.1	-1004.7	-71.5
578	ok	0.06	0.3	0.1	5.7	5.7	5.7	5.7	-276.5	-482.5	-14.1	1066.0	5003.9	189.0
579	ok	0.06	0.4	0.1	5.7	5.7	5.7	5.7	-258.2	-386.1	-23.2	1364.7	7133.7	441.1
580	ok	0.06	0.8	0.1	5.7	5.7	5.7	5.7	-357.8	-582.5	-129.9	-3417.9	-1.605e+04	473.5
581	ok	0.12	1.0	0.1	6.5	5.7	19.1	5.7	-434.6	-569.2	-197.2	-7869.1	-3.998e+04	819.1
586	ok	0.06	0.2	9.11e-02	5.7	5.7	5.7	5.7	-288.8	-271.9	-47.5	2445.0	3091.2	689.0
587	ok	0.06	0.2	8.03e-02	5.7	5.7	5.7	5.7	-389.0	-399.8	-35.5	1932.9	3722.9	-361.1
592	ok	0.06	0.1	8.51e-02	5.7	5.7	5.7	5.7	-331.7	-419.3	-7.9	-898.8	-1415.8	90.5
593	ok	0.06	0.1	8.63e-02	5.7	5.7	5.7	5.7	-305.3	-410.5	47.3	-635.0	-1200.3	-3.2
594	ok	0.06	0.2	7.70e-02	5.7	5.7	5.7	5.7	-259.1	-399.3	85.8	1526.7	1217.4	573.8
595	ok	0.06	0.1	7.90e-02	5.7	5.7	5.7	5.7	-291.9	-326.5	-135.0	-1077.8	-769.5	-944.2
596	ok	0.06	0.2	7.37e-02	5.7	5.7	5.7	5.7	-393.9	-240.6	66.6	910.4	1731.8	439.2
597	ok	0.06	0.3	8.46e-02	5.7	5.7	5.7	5.7	-199.0	-177.2	26.3	-1836.6	-1753.3	1814.2
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-586.02	-636.61	-333.93	-3.709e+04	-3.998e+04	-6688.99
		0.12	0.99	0.14	16.97	5.65	19.31	5.65	213.85	218.30	352.43	6818.79	7133.73	5845.25

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok	2.68						
2	ok	0.91						
3	ok	3.39						
4	ok	2.28						
5	ok	2.06						
6	ok	3.21						
8	ok	2.26						
11	ok	2.52						
12	ok	2.83						
13	ok	2.09						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
17	ok	2.99						
18	ok Av	4.56	0.12	0.17	2.9	4.3	117.8	172.5
19	ok	2.22						
23	ok Av	3.96	0.12	0.14	3.0	3.4	119.9	136.2
25	ok Av	4.04	0.11	0.15	2.7	3.8	108.2	152.2
31	ok Av	4.17	0.11	0.16	2.8	3.9	112.0	158.6
42	ok Av	4.21	0.15	0.13	3.6	3.2	145.8	128.4
45	ok Av	3.88	0.13	0.12	3.3	2.9	133.1	117.8
46	ok Av	4.11	0.10	0.16	2.6	3.9	105.0	159.2
52	ok Av	4.34	0.17	0.11	4.3	2.7	171.5	109.5
63	ok	3.73						
64	ok	3.47						
65	ok Av	4.27	0.14	0.14	3.5	3.4	139.5	137.5
70	ok Av	4.87	0.15	0.16	3.7	4.1	149.4	165.6
71	ok	3.68						
77	ok Av	3.83	0.14	0.11	3.4	2.7	137.7	108.6
89	ok	3.35						
97	ok	2.13						
98	ok	3.04						
99	ok	3.62						
109	ok Av	4.06	0.14	0.17	3.4	4.4	138.2	175.4
116	ok Av	4.07	0.08	0.17	2.1	4.1	83.4	166.5
125	ok Av	4.37	0.10	0.17	2.5	4.3	99.9	174.0
127	ok	2.14						
128	ok	4.13						
140	ok	1.79						
148	ok	2.69						
151	ok	2.28						
161	ok	3.49						
163	ok Av	3.85	0.17	0.04	4.2	1.1	170.9	43.1
166	ok	3.58						
171	ok Av	4.24	0.14	0.15	3.5	3.6	139.2	146.3
174	ok	3.85						
187	ok	3.74						
196	ok	1.67						
199	ok Av	7.26	0.27	0.25	6.6	6.2	267.8	250.3
213	ok	3.68						
215	ok	2.62						
216	ok	2.66						
226	ok	3.75						
227	ok Av	4.51	0.12	0.17	3.1	4.2	125.1	168.6
228	ok	3.90						
230	ok Av	4.73	0.15	0.16	3.7	3.9	149.2	157.3
231	ok Av	6.57	0.22	0.21	5.4	5.2	216.8	208.8
254	ok	2.00						
256	ok	2.38						
261	ok	2.87						
266	ok	3.87						
271	ok	3.78						
276	ok	3.66						
282	ok Av	4.21	0.18	0.16	4.6	3.9	184.4	157.9
283	ok Av	4.94	0.14	0.17	3.6	4.3	144.9	173.6
292	ok	1.27						
295	ok Av	3.94	0.11	0.15	2.8	3.7	113.2	150.3
301	ok Av	4.84	0.16	0.15	4.1	3.7	164.8	148.0
311	ok	3.58						
313	ok Av	4.09	0.09	0.16	2.2	4.1	87.5	165.7
318	ok	2.07						
321	ok	2.61						
324	ok	2.30						
327	ok	2.90						
333	ok	2.44						
339	ok Av	4.34	0.05	0.19	1.3	4.8	52.9	193.1
345	ok	3.12						
348	ok Av	4.35	0.11	0.18	2.6	4.4	105.5	178.1
355	ok Av	4.63	0.19	0.11	4.7	2.7	187.8	110.0
358	ok	3.61						
359	ok	1.93						
363	ok	1.04						
365	ok Av	4.20	0.12	0.15	2.9	3.8	118.8	155.2
376	ok Av	3.98	0.05	0.18	1.2	4.4	49.9	177.5
396	ok	3.10						
399	ok Av	4.54	0.15	0.15	3.7	3.6	150.7	146.7

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
408	ok	3.67						
416	ok	2.93						
422	ok Av	4.32	0.03	0.19	0.9	4.8	35.0	194.6
429	ok	2.73						
432	ok	2.19						
446	ok	3.13						
454	ok	3.22						
457	ok	2.92						
460	ok	2.79						
480	ok	2.21						
485	ok	2.75						
486	ok	3.44						
492	ok	2.18						
529	ok Av	3.82	0.12	0.13	2.9	3.3	115.5	131.2
530	ok	2.33						
531	ok	2.26						
532	ok	2.63						
533	ok	3.70						
534	ok	2.37						
535	ok	2.18						
536	ok	2.74						
537	ok	2.74						
538	ok	2.65						
539	ok	2.34						
540	ok	2.30						
541	ok	2.94						
542	ok	2.35						
543	ok	3.38						
544	ok	2.32						
545	ok	2.85						
546	ok	2.35						
547	ok	3.24						
548	ok	2.34						
549	ok	2.50						
550	ok	2.18						
551	ok	2.26						
576	ok	3.63						
577	ok	3.53						
578	ok	2.70						
579	ok	2.28						
580	ok Av	4.31	0.11	0.16	2.7	4.1	110.2	163.9
581	ok	3.98						
586	ok	2.95						
587	ok	2.10						
592	ok Av	3.80	0.10	0.14	2.5	3.5	100.1	142.3
593	ok Av	3.80	0.12	0.12	3.0	3.1	121.8	124.5
594	ok	3.50						
595	ok Av	4.07	0.14	0.12	3.4	3.1	138.4	124.7
596	ok Av	3.76	0.12	0.12	3.0	3.1	120.2	123.3
597	ok	3.03						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		7.26	0.27	0.25	6.64	6.21	267.85	250.26

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
14	20.00	1	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
91	ok	0.16	0.4	0.2	7.7	7.7	7.7	7.7	-163.2	-632.9	31.8	-108.8	2308.5	-224.0
132	ok	0.16	0.1	0.2	7.7	7.7	7.7	7.7	-11.9	-203.1	257.7	282.6	-121.4	66.3
214	ok	0.16	0.3	0.2	7.7	7.7	7.7	7.7	-166.6	-120.1	-226.7	1317.0	441.8	193.1
249	ok	0.16	8.13e-02	1.01e-02	7.7	7.7	7.7	7.7	82.5	80.4	-91.3	-130.3	-101.3	163.9
251	ok	0.16	0.3	0.2	7.7	7.7	7.7	7.7	-291.5	-434.3	233.6	-737.5	-1396.1	392.7
332	ok	0.16	0.3	0.3	7.7	7.7	7.7	7.7	-560.2	-314.5	-370.2	1470.4	206.5	38.1
436	ok	0.16	0.4	0.2	7.7	7.7	7.7	7.7	-180.2	-355.1	-168.4	499.8	2101.2	125.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
443	ok	0.16	0.2	0.3	7.7	7.7	7.7	7.7	12.0	-744.3	277.1	-168.6	-740.1	-12.1
447	ok	0.16	0.3	0.2	7.7	7.7	7.7	7.7	-136.2	-315.7	-209.3	327.8	1318.0	164.1
461	ok	0.16	0.4	0.2	7.7	7.7	7.7	7.7	-216.1	-337.5	-48.9	562.8	2357.1	31.8
463	ok	0.16	0.5	0.2	7.7	7.7	7.7	7.7	-216.3	-189.0	220.9	1241.2	2925.5	-311.8
468	ok	0.16	0.6	0.1	7.7	7.7	7.7	7.7	-288.4	-219.7	-73.9	777.5	3194.8	-243.8
470	ok	0.16	0.2	0.3	7.7	7.7	7.7	7.7	-215.1	-683.6	125.8	-463.7	-532.7	-16.9
474	ok	0.16	0.5	0.2	7.7	7.7	7.7	7.7	-404.7	-302.1	165.8	587.1	3005.0	247.6
476	ok	0.16	0.2	2.91e-02	7.7	7.7	7.7	7.7	48.4	238.1	86.0	-118.3	-628.7	-110.0
495	ok	0.16	0.2	4.37e-02	7.7	7.7	7.7	7.7	38.5	-45.2	-62.7	-183.8	-647.1	-9.0
518	ok	0.16	0.2	0.2	7.7	7.7	7.7	7.7	-270.3	-209.1	-344.6	-378.5	-384.9	-251.8
519	ok	0.16	0.2	0.2	7.7	7.7	7.7	7.7	-128.4	-326.3	-173.3	-207.4	-594.3	-90.9
520	ok	0.16	0.2	0.1	7.7	7.7	7.7	7.7	-124.4	-330.9	123.9	57.9	-593.6	192.2
521	ok	0.16	0.2	0.1	7.7	7.7	7.7	7.7	-73.8	-226.4	16.6	-128.0	-536.1	-234.5
522	ok	0.16	0.2	0.1	7.7	7.7	7.7	7.7	-261.2	-177.6	54.7	-348.8	-408.1	383.1
523	ok	0.16	6.92e-02	2.20e-02	7.7	7.7	7.7	7.7	113.5	309.9	43.1	-154.6	-76.6	65.6
524	ok	0.16	0.2	0.2	7.7	7.7	7.7	7.7	-230.4	-254.3	-230.9	-232.2	-535.7	-25.7
525	ok	0.16	0.1	0.1	7.7	7.7	7.7	7.7	-302.1	83.5	-201.6	-129.9	126.1	158.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-560.20	-744.32	-370.23	-737.48	-1396.09	-311.84
		0.16	0.57	0.35	7.70	7.70	7.70	7.70	113.49	309.87	277.09	1470.37	3194.79	392.67

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
91	ok Av	14.20	0.19	0.61	4.7	15.4	68.0	225.7
132	ok	1.51						
214	ok	0.64						
249	ok	0.28						
251	ok Av	6.56	0.05	0.30	1.4	7.4	19.7	108.3
332	ok	2.47						
436	ok	1.26						
443	ok	1.36						
447	ok	0.92						
461	ok	1.45						
463	ok	4.60						
468	ok	2.16						
470	ok	1.85						
474	ok	1.89						
476	ok	1.20						
495	ok	1.48						
518	ok	1.11						
519	ok	1.27						
520	ok	1.21						
521	ok	1.58						
522	ok	3.51						
523	ok	1.61						
524	ok	1.53						
525	ok	1.38						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		14.20	0.19	0.61	4.65	15.44	68.00	225.72

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
17	20.00	1	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
61	ok	0.16	0.1	1.20e-02	7.7	7.7	7.7	7.7	14.8	57.8	51.5	175.2	446.6	61.5
240	ok	0.16	0.2	0.1	7.7	7.7	7.7	7.7	14.1	-258.9	27.8	613.5	565.7	-101.8
368	ok	0.16	0.4	6.29e-02	7.7	7.7	7.7	7.7	-148.9	-146.7	19.7	375.6	2087.4	164.0
370	ok	0.16	0.3	5.39e-02	7.7	7.7	7.7	7.7	-61.4	-123.5	25.1	362.2	1426.7	242.3
374	ok	0.16	0.4	5.87e-02	7.7	7.7	7.7	7.7	-62.3	-135.8	-6.8	485.1	1913.4	42.4
375	ok	0.16	0.4	7.27e-02	7.7	7.7	7.7	7.7	-98.7	-150.9	-34.4	423.8	2385.6	-38.9

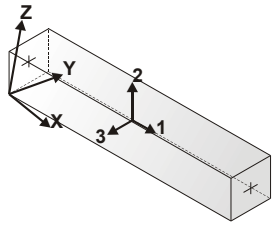
Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
402	ok	0.16	0.3	5.14e-02	7.7	7.7	7.7	7.7	-109.0	-64.9	-28.6	-378.1	-1314.1	152.3
403	ok	0.16	0.3	4.79e-02	7.7	7.7	7.7	7.7	-116.2	-74.4	-13.1	-380.7	-1422.6	-121.2
405	ok	0.16	0.2	0.1	7.7	7.7	7.7	7.7	48.6	-291.4	-11.1	823.9	334.2	177.4
406	ok	0.16	0.1	5.73e-02	7.7	7.7	7.7	7.7	-111.9	22.9	83.9	358.3	195.6	140.1
407	ok	0.16	0.4	2.09e-02	7.7	7.7	7.7	7.7	159.8	-50.2	-18.0	569.5	1713.8	-72.4
411	ok	0.16	0.4	1.97e-02	7.7	7.7	7.7	7.7	172.0	-50.7	-15.7	591.9	1870.6	74.6
412	ok	0.16	0.1	6.18e-02	7.7	7.7	7.7	7.7	-113.7	15.9	-93.9	460.9	235.2	-189.7
413	ok	0.16	0.1	5.19e-02	7.7	7.7	7.7	7.7	-24.8	-118.1	-5.1	-322.7	-186.5	-115.7
414	ok	0.16	0.2	9.76e-02	7.7	7.7	7.7	7.7	-105.4	-89.8	-126.7	907.7	241.6	-110.2
499	ok	0.16	0.2	1.52e-02	7.7	7.7	7.7	7.7	98.7	-31.6	10.3	805.0	76.9	188.4
500	ok	0.16	0.1	3.50e-02	7.7	7.7	7.7	7.7	-80.0	-61.3	-12.2	526.2	238.1	14.6
501	ok	0.16	9.16e-02	5.07e-02	7.7	7.7	7.7	7.7	-25.1	-55.6	-33.7	-344.8	-294.2	39.8
502	ok	0.16	0.2	7.00e-03	7.7	7.7	7.7	7.7	40.1	31.6	11.8	-680.5	141.9	-297.1
503	ok	0.16	0.1	4.11e-02	7.7	7.7	7.7	7.7	-106.2	6.4	11.8	-514.2	-153.4	91.3
504	ok	0.16	0.1	1.41e-02	7.7	7.7	7.7	7.7	53.0	17.3	-21.8	-528.8	230.3	155.2
526	ok	0.16	0.3	4.72e-02	7.7	7.7	7.7	7.7	-21.0	-30.9	-97.2	374.2	954.1	-467.3
527	ok	0.16	0.5	0.1	7.7	7.7	7.7	7.7	-278.1	-168.0	18.4	409.9	2525.3	-275.0
528	ok	0.16	4.09e-02	1.97e-02	7.7	7.7	7.7	7.7	55.6	-25.3	-49.9	158.2	82.1	18.3
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-278.07	-291.39	-126.66	-680.46	-1422.63	-467.31
		0.16	0.47	0.12	7.70	7.70	7.70	7.70	172.02	57.85	83.86	907.72	2525.29	242.31

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
61	ok	0.64						
240	ok	1.25						
368	ok	1.31						
370	ok	1.07						
374	ok	1.57						
375	ok	1.22						
402	ok	1.63						
403	ok	1.82						
405	ok	1.79						
406	ok	1.95						
407	ok	1.56						
411	ok	1.55						
412	ok	1.68						
413	ok	1.22						
414	ok	1.38						
499	ok	0.62						
500	ok	0.46						
501	ok	1.70						
502	ok	0.83						
503	ok	2.41						
504	ok	1.03						
526	ok	0.79						
527	ok	2.67						
528	ok	0.50						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		2.67						

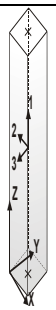
TABULATO DI CALCOLO RELATIVO ALL'IMPIANTO DI SOLLEVAMENTO. (LOCALE TECNICO)

TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.
Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa,
Nodo I (J)	numero del nodo iniziale (finale)
Mat.	codice del materiale assegnato all'elemento
Sez.	codice della sezione assegnata all'elemento
Rotaz.	valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo
Svincolo I (J)	codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

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

Test N°	Titolo
2	TRAVI A UNA CAMPATA
3	TRAVE A PIU' CAMPATE
4	TRAVE A UNA CAMPATA SU TERRENO ALLA WINKLER
5	TRAVI SU TERRENO ALLA WINKLER CON CARICO TRASVERSALE
6	TELAI PIANI CON CERNIERE ALLA BASE
7	TELAI PIANI CON INCASTRI ALLA BASE
11	STRUTTURE SOGGETTE A VARIAZIONI TERMICHE
12	STRUTTURE SU TERRENO ALLA WINKLER SOTTOPOSTE A CARICHI DISTRIBUITI TRIANGOLARI
21	DRILLING
24	TENSIONI E ROTAZIONI RISPETTO ALLA CORDA DI ELEMENTI TRAVE
27	FRECCIA DI ELEMENTI TRAVE
42	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
43	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
44	VERIFICA ALLE TA DI STRUTTURE IN C.A.
45	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
47	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
49	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
50	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
51	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
52	FATTORE DI STRUTTURA
53	SOVRARESISTENZE
54	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
56	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
57	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
58	LUCE LIBERA DI COLONNE IN ACCIAIO
59	SVERGOLAMENTO DI TRAVI IN ACCIAIO
64	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
74	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D
85	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
87	ANALISI ELASTO PLASTICA INCREMENTALE
88	ANALISI ELASTO PLASTICA INCREMENTALE
98	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
99	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
102	SNELLEZZE EC5
130	PROGETTO E VERIFICA DI TRAVI PREM

Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Rotaz.	Svincolo I	Svincolo J	Wink V	Wink O
						gradi			daN/cm3	daN/cm3
1	Pilas.	1	2	1	1					
2	Pilas.	3	4	1	1					
3	Pilas.	5	6	1	1					
4	Pilas.	7	8	1	1					
5	Pilas.	9	10	1	1					
6	Pilas.	11	12	1	1					
7	Pilas.	13	14	1	1					
8	Pilas.	15	16	1	1					
9	Pilas.	17	18	1	1					
10	Trave	14	16	1	3					

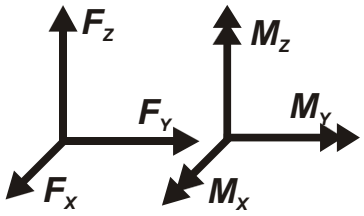
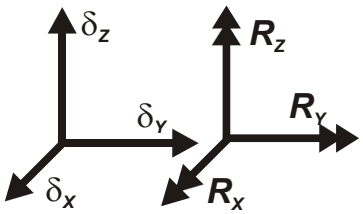
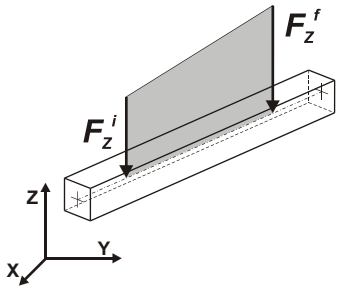
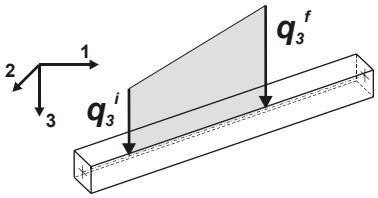
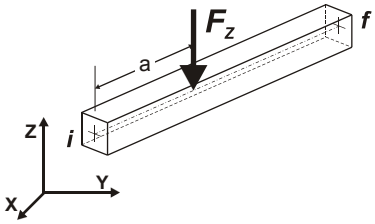
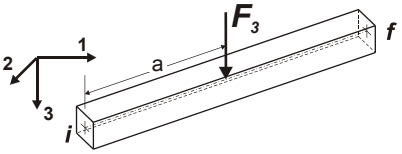
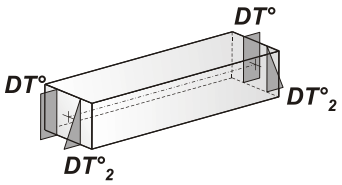
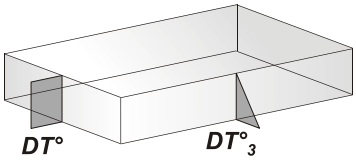
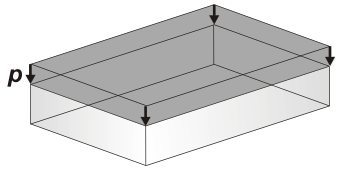
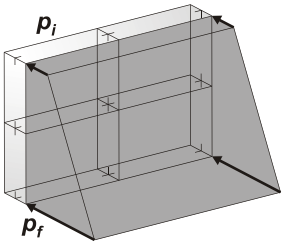
Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Rotaz.	Svincolo I	Svincolo J	Wink V	Wink O
11	Trave	16	18	1	3					
12	Trave	8	10	1	3					
13	Trave	10	12	1	3					
14	Trave	2	4	1	3					
15	Trave	4	6	1	3					
16	Trave	2	8	1	3					
17	Trave	8	14	1	3					
18	Trave	4	10	1	3					
19	Trave	10	16	1	3					
20	Trave	6	12	1	3					
21	Trave	12	18	1	3					
22	Trave f.	5	11	1	2				10.00	1.00
23	Trave f.	11	17	1	2				10.00	1.00
24	Trave f.	9	15	1	2				10.00	1.00
25	Trave f.	7	13	1	2				10.00	1.00
26	Trave f.	1	7	1	2				10.00	1.00
27	Trave f.	3	9	1	2				10.00	1.00
28	Trave f.	1	3	1	2				10.00	1.00
29	Trave f.	3	5	1	2				10.00	1.00
30	Trave f.	13	15	1	2				10.00	1.00
31	Trave f.	15	17	1	2				10.00	1.00
32	Trave f.	7	9	1	2				10.00	1.00
33	Trave f.	9	11	1	2				10.00	1.00

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

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

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

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

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
7	QVK PAN ++ vento*0.4	0.01
8	QVK PAN -- vento*0.4	0.01

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

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

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

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

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

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

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

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

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

***Combinazione fondamentale** SLU*

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

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

$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

***Combinazione frequente** SLE*

$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione quasi permanente** SLE*

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

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

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

NTC 2018 Tabella 2.6.I

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

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

Cmb	Tipo	Sigla Id	effetto P-delta
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 15	
16	SLU	Comb. SLU A1 16	
17	SLU	Comb. SLU A1 17	
18	SLU	Comb. SLU A1 18	
19	SLU	Comb. SLU A1 19	
20	SLU	Comb. SLU A1 20	
21	SLU	Comb. SLU A1 21	
22	SLU	Comb. SLU A1 22	
23	SLU	Comb. SLU A1 23	
24	SLU	Comb. SLU A1 24	
25	SLU	Comb. SLU A1 25	
26	SLU	Comb. SLU A1 26	
27	SLU	Comb. SLU A1 27	
28	SLU	Comb. SLU A1 28	
29	SLU	Comb. SLU A1 29	
30	SLU	Comb. SLU A1 30	
31	SLU	Comb. SLU A1 31	
32	SLU	Comb. SLU A1 32	
33	SLU	Comb. SLU A1 33	
34	SLU	Comb. SLU A1 34	
35	SLU	Comb. SLU A1 35	
36	SLU	Comb. SLU A1 36	
37	SLU	Comb. SLU A1 37	
38	SLU	Comb. SLU A1 38	
39	SLU	Comb. SLU A1 39	
40	SLU	Comb. SLU A1 40	
41	SLU	Comb. SLU A1 41	
42	SLU	Comb. SLU A1 42	
43	SLU	Comb. SLU A1 43	
44	SLU	Comb. SLU A1 44	
45	SLU	Comb. SLU A1 45	
46	SLU	Comb. SLU A1 46	
47	SLU	Comb. SLU A1 (SLV sism.) 47	
48	SLU	Comb. SLU A1 (SLV sism.) 48	
49	SLU	Comb. SLU A1 (SLV sism.) 49	
50	SLU	Comb. SLU A1 (SLV sism.) 50	
51	SLU	Comb. SLU A1 (SLV sism.) 51	
52	SLU	Comb. SLU A1 (SLV sism.) 52	
53	SLU	Comb. SLU A1 (SLV sism.) 53	
54	SLU	Comb. SLU A1 (SLV sism.) 54	
55	SLU	Comb. SLU A1 (SLV sism.) 55	
56	SLU	Comb. SLU A1 (SLV sism.) 56	
57	SLU	Comb. SLU A1 (SLV sism.) 57	
58	SLU	Comb. SLU A1 (SLV sism.) 58	
59	SLU	Comb. SLU A1 (SLV sism.) 59	
60	SLU	Comb. SLU A1 (SLV sism.) 60	
61	SLU	Comb. SLU A1 (SLV sism.) 61	
62	SLU	Comb. SLU A1 (SLV sism.) 62	
63	SLU	Comb. SLU A1 (SLV sism.) 63	
64	SLU	Comb. SLU A1 (SLV sism.) 64	
65	SLU	Comb. SLU A1 (SLV sism.) 65	
66	SLU	Comb. SLU A1 (SLV sism.) 66	
67	SLU	Comb. SLU A1 (SLV sism.) 67	
68	SLU	Comb. SLU A1 (SLV sism.) 68	
69	SLU	Comb. SLU A1 (SLV sism.) 69	
70	SLU	Comb. SLU A1 (SLV sism.) 70	
71	SLU	Comb. SLU A1 (SLV sism.) 71	
72	SLU	Comb. SLU A1 (SLV sism.) 72	
73	SLU	Comb. SLU A1 (SLV sism.) 73	
74	SLU	Comb. SLU A1 (SLV sism.) 74	
75	SLU	Comb. SLU A1 (SLV sism.) 75	
76	SLU	Comb. SLU A1 (SLV sism.) 76	
77	SLU	Comb. SLU A1 (SLV sism.) 77	

Cmb	Tipo	Sigla Id	effetto P-delta
78	SLU	Comb. SLU A1 (SLV sism.) 78	
79	SLD(sis)	Comb. SLE (SLD Danno sism.) 79	
80	SLD(sis)	Comb. SLE (SLD Danno sism.) 80	
81	SLD(sis)	Comb. SLE (SLD Danno sism.) 81	
82	SLD(sis)	Comb. SLE (SLD Danno sism.) 82	
83	SLD(sis)	Comb. SLE (SLD Danno sism.) 83	
84	SLD(sis)	Comb. SLE (SLD Danno sism.) 84	
85	SLD(sis)	Comb. SLE (SLD Danno sism.) 85	
86	SLD(sis)	Comb. SLE (SLD Danno sism.) 86	
87	SLD(sis)	Comb. SLE (SLD Danno sism.) 87	
88	SLD(sis)	Comb. SLE (SLD Danno sism.) 88	
89	SLD(sis)	Comb. SLE (SLD Danno sism.) 89	
90	SLD(sis)	Comb. SLE (SLD Danno sism.) 90	
91	SLD(sis)	Comb. SLE (SLD Danno sism.) 91	
92	SLD(sis)	Comb. SLE (SLD Danno sism.) 92	
93	SLD(sis)	Comb. SLE (SLD Danno sism.) 93	
94	SLD(sis)	Comb. SLE (SLD Danno sism.) 94	
95	SLD(sis)	Comb. SLE (SLD Danno sism.) 95	
96	SLD(sis)	Comb. SLE (SLD Danno sism.) 96	
97	SLD(sis)	Comb. SLE (SLD Danno sism.) 97	
98	SLD(sis)	Comb. SLE (SLD Danno sism.) 98	
99	SLD(sis)	Comb. SLE (SLD Danno sism.) 99	
100	SLD(sis)	Comb. SLE (SLD Danno sism.) 100	
101	SLD(sis)	Comb. SLE (SLD Danno sism.) 101	
102	SLD(sis)	Comb. SLE (SLD Danno sism.) 102	
103	SLD(sis)	Comb. SLE (SLD Danno sism.) 103	
104	SLD(sis)	Comb. SLE (SLD Danno sism.) 104	
105	SLD(sis)	Comb. SLE (SLD Danno sism.) 105	
106	SLD(sis)	Comb. SLE (SLD Danno sism.) 106	
107	SLD(sis)	Comb. SLE (SLD Danno sism.) 107	
108	SLD(sis)	Comb. SLE (SLD Danno sism.) 108	
109	SLD(sis)	Comb. SLE (SLD Danno sism.) 109	
110	SLD(sis)	Comb. SLE (SLD Danno sism.) 110	

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

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
18	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0											
19	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0											
20	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0											
21	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0											
22	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0											
23	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0											
24	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0											
25	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0											
26	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0											
27	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0											
28	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0											
29	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0											
30	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0											
31	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0											
32	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0											
33	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0											
34	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0											
35	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0											
36	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0											
37	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90											
38	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90											
39	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90											
40	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90											
41	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90											
42	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90											
43	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50											
44	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50											
45	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50											
46	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50											
47	1.00	1.00	1.00	1.00	0.30	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
48	1.00	1.00	1.00	1.00	0.30	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
49	1.00	1.00	1.00	1.00	0.30	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
50	1.00	1.00	1.00	1.00	0.30	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
51	1.00	1.00	1.00	1.00	0.30	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
52	1.00	1.00	1.00	1.00	0.30	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
53	1.00	1.00	1.00	1.00	0.30	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
54	1.00	1.00	1.00	1.00	0.30	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
55	1.00	1.00	1.00	1.00	0.30	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
56	1.00	1.00	1.00	1.00	0.30	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
57	1.00	1.00	1.00	1.00	0.30	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
58	1.00	1.00	1.00	1.00	0.30	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
59	1.00	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
60	1.00	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
61	1.00	1.00	1.00	1.00	0.30	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
62	1.00	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
63	1.00	1.00	1.00	1.00	0.30	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
64	1.00	1.00	1.00	1.00	0.30	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
65	1.00	1.00	1.00	1.00	0.30	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
66	1.00	1.00	1.00	1.00	0.30	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
67	1.00	1.00	1.00	1.00	0.30	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
68	1.00	1.00	1.00	1.00	0.30	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
69	1.00	1.00	1.00	1.00	0.30	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
70	1.00	1.00	1.00	1.00	0.30	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
71	1.00	1.00	1.00	1.00	0.30	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
72	1.00	1.00	1.00	1.00	0.30	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
73	1.00	1.00	1.00	1.00	0.30	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
74	1.00	1.00	1.00	1.00	0.30	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
75	1.00	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
76	1.00	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
77	1.00	1.00	1.00	1.00	0.30	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
78	1.00	1.00	1.00	1.00	0.30	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0											
79	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0											
80	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0											
81	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0											
82	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0											
83	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0
	0.0	0.0	0.0											
84	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	0.0
	0.0	0.0	0.0											
85	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	0.0
	0.0	0.0	0.0											
86	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0
	0.0	0.0	0.0											
87	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0
	0.0	0.0	0.0											
88	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	0.0
	0.0	0.0	0.0											
89	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	0.0
	0.0	0.0	0.0											

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
90	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0
	0.0	0.0	0.0											
91	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0
	0.0	0.0	0.0											
92	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0
	0.0	0.0	0.0											
93	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0
	0.0	0.0	0.0											
94	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0
	0.0	0.0	0.0											
95	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0											
96	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0											
97	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0											
98	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0											
99	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0
	0.0	0.0	0.0											
100	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	0.0
	0.0	0.0	0.0											
101	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	0.0
	0.0	0.0	0.0											
102	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	0.0
	0.0	0.0	0.0											
103	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0
	0.0	0.0	0.0											
104	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	0.0
	0.0	0.0	0.0											
105	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	0.0
	0.0	0.0	0.0											
106	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	0.0
	0.0	0.0	0.0											
107	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0
	0.0	0.0	0.0											
108	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0
	0.0	0.0	0.0											
109	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0
	0.0	0.0	0.0											
110	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0
	0.0	0.0	0.0											

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

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

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

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
II	50.0	1.0	50.0	A	T1

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

Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	15.959	41.706	
29451	15.900	41.660	7.060
29452	15.967	41.658	5.361
29230	15.969	41.708	0.857
29229	15.902	41.710	4.737

SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	81.0	30.0	0.055	2.470	0.270
SLD	63.0	50.0	0.074	2.490	0.280
SLV	10.0	475.0	0.206	2.440	0.320
SLC	5.0	975.0	0.272	2.420	0.340

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.055	1.000	2.470	0.784	0.090	0.270	1.821
SLD	0.074	1.000	2.490	0.912	0.093	0.280	1.894
SLV	0.206	1.000	2.440	1.495	0.107	0.320	2.424
SLC	0.272	1.000	2.420	1.704	0.113	0.340	2.689

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

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

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

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

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

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

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

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

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

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

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

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

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

Affinché la verifica sia positiva deve essere:

7) V > 0
8) Sig s < fyk
9) Gam t < 5
10) Gam s < Gam * (caratteristica dell' elastomero)
11) Gam s < 2
12) V < 0.5 Vcr

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

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

Calcolo dei fattori di comportamento secondo il D.M. 17/01/2018

La costruzione, nuova, è caratterizzata da regolarità sia in pianta sia in altezza ed è progettata in classe di duttilità media (CD"B").

Parametri fattore in direzione x e y

Sistema costruttivo: calcestruzzo
Tipologia strutturale: strutture a pendolo inverso intelaiate monopiano
Valore base fattore q_0 = 2.500
Fattore di regolarità K_R = 1.0
Fattore dissipativo $q_D = q_0 \cdot K_R$ = 2.500

Fattori di comportamento utilizzati

	Dissipativi
q SLU x	2.500
q SLU y	2.500
q SLU z	1.500

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.201 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.328 sec.
			fattore q: 2.500
			fattore per spost. mu d: 2.500
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
462.00	6.697e+04	415.00	415.00	0.0	-41.50	415.00	415.00	2.000	0.0	0.0
Risulta	6.697e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.049	0.328	0.196	6.403e+04	95.6	0.0	0.0	0.0	0.0	0.0	0.0
2	3.081	0.325	0.198	0.0	0.0	6.691e+04	99.9	0.0	0.0	0.0	0.0
3	3.716	0.269	0.201	2874.66	4.3	0.0	0.0	0.0	0.0	0.0	0.0
4	22.491	0.044	0.204	0.0	0.0	0.0	0.0	1.692e+04	25.3	0.0	0.0
5	24.733	0.040	0.204	0.0	0.0	62.45	9.33e-02	1.00e-04	0.0	0.0	0.0
6	24.734	0.040	0.204	62.47	9.33e-02	0.0	0.0	0.0	0.0	0.0	0.0
7	25.026	0.040	0.204	0.0	0.0	0.0	0.0	4.553e+04	68.0	0.0	0.0
8	25.950	0.039	0.204	0.0	0.0	0.0	0.0	4522.38	6.8	0.0	0.0
9	30.356	0.033	0.204	0.0	0.0	3.51e-03	5.24e-06	9.66e-04	1.44e-06	0.0	0.0
Risulta				6.697e+04		6.697e+04		6.697e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.201 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.328 sec.
			fattore q: 2.500
			fattore per spost. mu d: 2.500
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
462.00	6.697e+04	415.00	415.00	0.0	41.50	415.00	415.00	2.000	0.0	0.0
Risulta	6.697e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.049	0.328	0.196	6.403e+04	95.6	0.0	0.0	0.0	0.0	0.0	0.0
2	3.081	0.325	0.198	0.0	0.0	6.691e+04	99.9	0.0	0.0	0.0	0.0
3	3.716	0.269	0.201	2874.66	4.3	0.0	0.0	0.0	0.0	0.0	0.0
4	22.491	0.044	0.204	0.0	0.0	0.0	0.0	1.692e+04	25.3	0.0	0.0
5	24.733	0.040	0.204	0.0	0.0	62.45	9.33e-02	1.00e-04	0.0	0.0	0.0
6	24.734	0.040	0.204	62.47	9.33e-02	0.0	0.0	0.0	0.0	0.0	0.0
7	25.026	0.040	0.204	0.0	0.0	0.0	0.0	4.553e+04	68.0	0.0	0.0
8	25.950	0.039	0.204	0.0	0.0	0.0	0.0	4522.38	6.8	0.0	0.0
9	30.356	0.033	0.204	0.0	0.0	3.51e-03	5.24e-06	9.66e-04	1.44e-06	0.0	0.0
Risulta				6.697e+04		6.697e+04		6.697e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.201 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.328 sec.
			fattore q: 2.500
			fattore per spost. mu d: 2.500
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
462.00	6.697e+04	415.00	415.00	41.50	0.0	415.00	415.00	2.000	0.0	0.0
Risulta	6.697e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.049	0.328	0.196	0.0	0.0	6.403e+04	95.6	0.0	0.0	0.0	0.0
2	3.081	0.325	0.198	6.691e+04	99.9	0.0	0.0	0.0	0.0	0.0	0.0
3	3.716	0.269	0.201	0.0	0.0	2874.66	4.3	0.0	0.0	0.0	0.0
4	22.491	0.044	0.204	0.0	0.0	0.0	0.0	1.692e+04	25.3	0.0	0.0
5	24.733	0.040	0.204	62.45	9.33e-02	0.0	0.0	1.00e-04	0.0	0.0	0.0
6	24.734	0.040	0.204	0.0	0.0	62.47	9.33e-02	0.0	0.0	0.0	0.0
7	25.026	0.040	0.204	0.0	0.0	0.0	0.0	4.553e+04	68.0	0.0	0.0
8	25.950	0.039	0.204	0.0	0.0	0.0	0.0	4522.38	6.8	0.0	0.0
9	30.356	0.033	0.204	3.51e-03	5.24e-06	0.0	0.0	9.66e-04	1.44e-06	0.0	0.0
Risulta				6.697e+04		6.697e+04		6.697e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.201 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.328 sec.
			fattore q: 2.500
			fattore per spost. mu d: 2.500
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
462.00	6.697e+04	415.00	415.00	-41.50	0.0	415.00	415.00	2.000	0.0	0.0
Risulta	6.697e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.049	0.328	0.196	0.0	0.0	6.403e+04	95.6	0.0	0.0	0.0	0.0
2	3.081	0.325	0.198	6.691e+04	99.9	0.0	0.0	0.0	0.0	0.0	0.0
3	3.716	0.269	0.201	0.0	0.0	2874.66	4.3	0.0	0.0	0.0	0.0
4	22.491	0.044	0.204	0.0	0.0	0.0	0.0	1.692e+04	25.3	0.0	0.0
5	24.733	0.040	0.204	62.45	9.33e-02	0.0	0.0	1.00e-04	0.0	0.0	0.0
6	24.734	0.040	0.204	0.0	0.0	62.47	9.33e-02	0.0	0.0	0.0	0.0
7	25.026	0.040	0.204	0.0	0.0	0.0	0.0	4.553e+04	68.0	0.0	0.0
8	25.950	0.039	0.204	0.0	0.0	0.0	0.0	4522.38	6.8	0.0	0.0
9	30.356	0.033	0.204	3.51e-03	5.24e-06	0.0	0.0	9.66e-04	1.44e-06	0.0	0.0
Risulta				6.697e+04		6.697e+04		6.697e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.328 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
462.00	6.697e+04	415.00	415.00	0.0	-41.50	415.00	415.00	2.000	0.0	0.0
Risulta	6.697e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.049	0.328	0.156	6.403e+04	95.6	0.0	0.0	0.0	0.0	0.0	0.0
2	3.081	0.325	0.158	0.0	0.0	6.691e+04	99.9	0.0	0.0	0.0	0.0
3	3.716	0.269	0.183	2874.66	4.3	0.0	0.0	0.0	0.0	0.0	0.0
4	22.491	0.044	0.126	0.0	0.0	0.0	0.0	1.692e+04	25.3	0.0	0.0
5	24.733	0.040	0.121	0.0	0.0	62.45	9.33e-02	1.00e-04	0.0	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
6	24.734	0.040	0.121	62.47	9.33e-02	0.0	0.0	0.0	0.0	0.0	0.0
7	25.026	0.040	0.121	0.0	0.0	0.0	0.0	4.553e+04	68.0	0.0	0.0
8	25.950	0.039	0.119	0.0	0.0	0.0	0.0	4522.38	6.8	0.0	0.0
9	30.356	0.033	0.112	0.0	0.0	3.51e-03	5.24e-06	9.66e-04	1.44e-06	0.0	0.0
Risulta				6.697e+04		6.697e+04		6.697e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.328 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
462.00	6.697e+04	415.00	415.00	0.0	41.50	415.00	415.00	2.000	0.0	0.0
Risulta	6.697e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.049	0.328	0.156	6.403e+04	95.6	0.0	0.0	0.0	0.0	0.0	0.0
2	3.081	0.325	0.158	0.0	0.0	6.691e+04	99.9	0.0	0.0	0.0	0.0
3	3.716	0.269	0.183	2874.66	4.3	0.0	0.0	0.0	0.0	0.0	0.0
4	22.491	0.044	0.126	0.0	0.0	0.0	0.0	1.692e+04	25.3	0.0	0.0
5	24.733	0.040	0.121	0.0	0.0	62.45	9.33e-02	1.00e-04	0.0	0.0	0.0
6	24.734	0.040	0.121	62.47	9.33e-02	0.0	0.0	0.0	0.0	0.0	0.0
7	25.026	0.040	0.121	0.0	0.0	0.0	0.0	4.553e+04	68.0	0.0	0.0
8	25.950	0.039	0.119	0.0	0.0	0.0	0.0	4522.38	6.8	0.0	0.0
9	30.356	0.033	0.112	0.0	0.0	3.51e-03	5.24e-06	9.66e-04	1.44e-06	0.0	0.0
Risulta				6.697e+04		6.697e+04		6.697e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.328 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
462.00	6.697e+04	415.00	415.00	41.50	0.0	415.00	415.00	2.000	0.0	0.0
Risulta	6.697e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.049	0.328	0.156	0.0	0.0	6.403e+04	95.6	0.0	0.0	0.0	0.0
2	3.081	0.325	0.158	6.691e+04	99.9	0.0	0.0	0.0	0.0	0.0	0.0
3	3.716	0.269	0.183	0.0	0.0	2874.66	4.3	0.0	0.0	0.0	0.0
4	22.491	0.044	0.126	0.0	0.0	0.0	0.0	1.692e+04	25.3	0.0	0.0
5	24.733	0.040	0.121	62.45	9.33e-02	0.0	0.0	1.00e-04	0.0	0.0	0.0
6	24.734	0.040	0.121	0.0	0.0	62.47	9.33e-02	0.0	0.0	0.0	0.0
7	25.026	0.040	0.121	0.0	0.0	0.0	0.0	4.553e+04	68.0	0.0	0.0
8	25.950	0.039	0.119	0.0	0.0	0.0	0.0	4522.38	6.8	0.0	0.0
9	30.356	0.033	0.112	3.51e-03	5.24e-06	0.0	0.0	9.66e-04	1.44e-06	0.0	0.0
Risulta				6.697e+04		6.697e+04		6.697e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.328 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
462.00	6.697e+04	415.00	415.00	-41.50	0.0	415.00	415.00	2.000	0.0	0.0
Risulta	6.697e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	3.049	0.328	0.156	0.0	0.0	6.403e+04	95.6	0.0	0.0	0.0	0.0
2	3.081	0.325	0.158	6.691e+04	99.9	0.0	0.0	0.0	0.0	0.0	0.0
3	3.716	0.269	0.183	0.0	0.0	2874.66	4.3	0.0	0.0	0.0	0.0
4	22.491	0.044	0.126	0.0	0.0	0.0	0.0	1.692e+04	25.3	0.0	0.0
5	24.733	0.040	0.121	62.45	9.33e-02	0.0	0.0	1.00e-04	0.0	0.0	0.0
6	24.734	0.040	0.121	0.0	0.0	62.47	9.33e-02	0.0	0.0	0.0	0.0
7	25.026	0.040	0.121	0.0	0.0	0.0	0.0	4.553e+04	68.0	0.0	0.0
8	25.950	0.039	0.119	0.0	0.0	0.0	0.0	4522.38	6.8	0.0	0.0
9	30.356	0.033	0.112	3.51e-03	5.24e-06	0.0	0.0	9.66e-04	1.44e-06	0.0	0.0
Risulta				6.697e+04		6.697e+04		6.697e+04			
In percentuale				100.00		100.00		100.00			

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
			cm	cm			cm	cm			cm	cm
79	1	0.96	0.45	462.0	2	1.00	0.46	462.0	3	1.06	0.49	462.0
	4	0.79	0.36	462.0	5	0.82	0.38	462.0	6	0.90	0.41	462.0
	7	0.61	0.28	462.0	8	0.65	0.30	462.0	9	0.74	0.34	462.0
80	1	0.93	0.43	462.0	2	0.89	0.41	462.0	3	0.85	0.39	462.0
	4	0.87	0.40	462.0	5	0.82	0.38	462.0	6	0.78	0.36	462.0
	7	0.81	0.38	462.0	8	0.76	0.35	462.0	9	0.71	0.33	462.0
81	1	0.93	0.43	462.0	2	0.89	0.41	462.0	3	0.86	0.40	462.0
	4	0.86	0.40	462.0	5	0.82	0.38	462.0	6	0.79	0.37	462.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	7	0.79	0.37	462.0	8	0.75	0.35	462.0	9	0.72	0.33	462.0
82	1	0.95	0.44	462.0	2	0.99	0.46	462.0	3	1.06	0.49	462.0
	4	0.77	0.36	462.0	5	0.82	0.38	462.0	6	0.91	0.42	462.0
	7	0.60	0.28	462.0	8	0.66	0.30	462.0	9	0.76	0.35	462.0
83	1	0.86	0.40	462.0	2	0.89	0.41	462.0	3	0.93	0.43	462.0
	4	0.79	0.37	462.0	5	0.82	0.38	462.0	6	0.86	0.40	462.0
	7	0.72	0.33	462.0	8	0.75	0.35	462.0	9	0.79	0.37	462.0
84	1	1.06	0.49	462.0	2	0.99	0.46	462.0	3	0.95	0.44	462.0
	4	0.91	0.42	462.0	5	0.82	0.38	462.0	6	0.77	0.36	462.0
	7	0.76	0.35	462.0	8	0.66	0.30	462.0	9	0.60	0.28	462.0
85	1	1.06	0.49	462.0	2	1.00	0.46	462.0	3	0.96	0.45	462.0
	4	0.90	0.41	462.0	5	0.82	0.38	462.0	6	0.79	0.36	462.0
	7	0.74	0.34	462.0	8	0.65	0.30	462.0	9	0.61	0.28	462.0
86	1	0.85	0.39	462.0	2	0.89	0.41	462.0	3	0.93	0.43	462.0
	4	0.78	0.36	462.0	5	0.82	0.38	462.0	6	0.87	0.40	462.0
	7	0.71	0.33	462.0	8	0.76	0.35	462.0	9	0.81	0.38	462.0
87	1	0.81	0.38	462.0	2	0.76	0.35	462.0	3	0.71	0.33	462.0
	4	0.87	0.40	462.0	5	0.82	0.38	462.0	6	0.78	0.36	462.0
	7	0.93	0.43	462.0	8	0.89	0.41	462.0	9	0.85	0.39	462.0
88	1	0.61	0.28	462.0	2	0.65	0.30	462.0	3	0.74	0.34	462.0
	4	0.79	0.36	462.0	5	0.82	0.38	462.0	6	0.90	0.41	462.0
	7	0.96	0.45	462.0	8	1.00	0.46	462.0	9	1.06	0.49	462.0
89	1	0.60	0.28	462.0	2	0.66	0.30	462.0	3	0.76	0.35	462.0
	4	0.77	0.36	462.0	5	0.82	0.38	462.0	6	0.91	0.42	462.0
	7	0.95	0.44	462.0	8	0.99	0.46	462.0	9	1.06	0.49	462.0
90	1	0.79	0.37	462.0	2	0.75	0.35	462.0	3	0.72	0.33	462.0
	4	0.86	0.40	462.0	5	0.82	0.38	462.0	6	0.79	0.37	462.0
	7	0.93	0.43	462.0	8	0.89	0.41	462.0	9	0.86	0.40	462.0
91	1	0.76	0.35	462.0	2	0.66	0.30	462.0	3	0.60	0.28	462.0
	4	0.91	0.42	462.0	5	0.82	0.38	462.0	6	0.77	0.36	462.0
	7	1.06	0.49	462.0	8	0.99	0.46	462.0	9	0.95	0.44	462.0
92	1	0.72	0.33	462.0	2	0.75	0.35	462.0	3	0.79	0.37	462.0
	4	0.79	0.37	462.0	5	0.82	0.38	462.0	6	0.86	0.40	462.0
	7	0.86	0.40	462.0	8	0.89	0.41	462.0	9	0.93	0.43	462.0
93	1	0.71	0.33	462.0	2	0.76	0.35	462.0	3	0.81	0.38	462.0
	4	0.78	0.36	462.0	5	0.82	0.38	462.0	6	0.87	0.40	462.0
	7	0.85	0.39	462.0	8	0.89	0.41	462.0	9	0.93	0.43	462.0
94	1	0.74	0.34	462.0	2	0.65	0.30	462.0	3	0.61	0.28	462.0
	4	0.90	0.41	462.0	5	0.82	0.38	462.0	6	0.79	0.36	462.0
	7	1.06	0.49	462.0	8	1.00	0.46	462.0	9	0.96	0.45	462.0
95	1	0.76	0.35	462.0	2	0.91	0.42	462.0	3	1.06	0.49	462.0
	4	0.66	0.30	462.0	5	0.82	0.38	462.0	6	0.99	0.46	462.0
	7	0.60	0.28	462.0	8	0.77	0.36	462.0	9	0.95	0.44	462.0
96	1	0.71	0.33	462.0	2	0.78	0.36	462.0	3	0.85	0.39	462.0
	4	0.76	0.35	462.0	5	0.82	0.38	462.0	6	0.89	0.41	462.0
	7	0.81	0.38	462.0	8	0.87	0.40	462.0	9	0.94	0.43	462.0
97	1	0.73	0.34	462.0	2	0.79	0.37	462.0	3	0.86	0.40	462.0
	4	0.75	0.35	462.0	5	0.82	0.38	462.0	6	0.89	0.41	462.0
	7	0.79	0.37	462.0	8	0.86	0.40	462.0	9	0.93	0.43	462.0
98	1	0.74	0.34	462.0	2	0.89	0.41	462.0	3	1.05	0.49	462.0
	4	0.65	0.30	462.0	5	0.82	0.38	462.0	6	1.00	0.46	462.0
	7	0.61	0.28	462.0	8	0.79	0.36	462.0	9	0.97	0.45	462.0
99	1	0.81	0.38	462.0	2	0.87	0.40	462.0	3	0.94	0.43	462.0
	4	0.76	0.35	462.0	5	0.82	0.38	462.0	6	0.89	0.41	462.0
	7	0.71	0.33	462.0	8	0.78	0.36	462.0	9	0.85	0.39	462.0
100	1	0.60	0.28	462.0	2	0.77	0.36	462.0	3	0.95	0.44	462.0
	4	0.66	0.30	462.0	5	0.82	0.38	462.0	6	0.99	0.46	462.0
	7	0.76	0.35	462.0	8	0.91	0.42	462.0	9	1.06	0.49	462.0
101	1	0.61	0.28	462.0	2	0.79	0.36	462.0	3	0.97	0.45	462.0
	4	0.65	0.30	462.0	5	0.82	0.38	462.0	6	1.00	0.46	462.0
	7	0.74	0.34	462.0	8	0.89	0.41	462.0	9	1.05	0.49	462.0
102	1	0.79	0.37	462.0	2	0.86	0.40	462.0	3	0.93	0.43	462.0
	4	0.75	0.35	462.0	5	0.82	0.38	462.0	6	0.89	0.41	462.0
	7	0.73	0.34	462.0	8	0.79	0.37	462.0	9	0.86	0.40	462.0
103	1	0.86	0.40	462.0	2	0.79	0.37	462.0	3	0.73	0.34	462.0
	4	0.89	0.41	462.0	5	0.82	0.38	462.0	6	0.75	0.35	462.0
	7	0.93	0.43	462.0	8	0.86	0.40	462.0	9	0.79	0.37	462.0
104	1	1.05	0.49	462.0	2	0.89	0.41	462.0	3	0.74	0.34	462.0
	4	1.00	0.46	462.0	5	0.82	0.38	462.0	6	0.65	0.30	462.0
	7	0.97	0.45	462.0	8	0.79	0.36	462.0	9	0.61	0.28	462.0
105	1	1.06	0.49	462.0	2	0.91	0.42	462.0	3	0.76	0.35	462.0
	4	0.99	0.46	462.0	5	0.82	0.38	462.0	6	0.66	0.30	462.0
	7	0.95	0.44	462.0	8	0.77	0.36	462.0	9	0.60	0.28	462.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
106	1	0.85	0.39	462.0	2	0.78	0.36	462.0	3	0.71	0.33	462.0
	4	0.89	0.41	462.0	5	0.82	0.38	462.0	6	0.76	0.35	462.0
	7	0.94	0.43	462.0	8	0.87	0.40	462.0	9	0.81	0.38	462.0
107	1	0.97	0.45	462.0	2	0.79	0.36	462.0	3	0.61	0.28	462.0
	4	1.00	0.46	462.0	5	0.82	0.38	462.0	6	0.65	0.30	462.0
	7	1.05	0.49	462.0	8	0.89	0.41	462.0	9	0.74	0.34	462.0
108	1	0.93	0.43	462.0	2	0.86	0.40	462.0	3	0.79	0.37	462.0
	4	0.89	0.41	462.0	5	0.82	0.38	462.0	6	0.75	0.35	462.0
	7	0.86	0.40	462.0	8	0.79	0.37	462.0	9	0.73	0.34	462.0
109	1	0.94	0.43	462.0	2	0.87	0.40	462.0	3	0.81	0.38	462.0
	4	0.89	0.41	462.0	5	0.82	0.38	462.0	6	0.76	0.35	462.0
	7	0.85	0.39	462.0	8	0.78	0.36	462.0	9	0.71	0.33	462.0
110	1	0.95	0.44	462.0	2	0.77	0.36	462.0	3	0.60	0.28	462.0
	4	0.99	0.46	462.0	5	0.82	0.38	462.0	6	0.66	0.30	462.0
	7	1.06	0.49	462.0	8	0.91	0.42	462.0	9	0.76	0.35	462.0
Cmb		**1000 etaT/h**										
		1.06										

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	24	-0.07	-6.46e-03	-0.08	3.16e-04	-4.76e-04	1.90e-05
1	35	-1.86e-03	0.04	-0.03	-1.09e-05	-9.94e-05	3.22e-05
1	50	-0.07	-3.73e-03	-0.08	3.29e-04	-5.76e-04	-4.69e-05
1	54	-0.06	-9.84e-03	-0.08	3.51e-04	-5.56e-04	-2.69e-05
1	78	-3.15e-03	-0.07	-0.08	5.99e-04	-3.06e-04	4.66e-05
1	82	-0.06	-3.32e-03	-0.07	3.01e-04	-4.90e-04	-3.87e-05
1	86	-0.05	-7.99e-03	-0.07	3.18e-04	-4.74e-04	-2.21e-05
1	110	-2.74e-03	-0.06	-0.07	5.13e-04	-2.78e-04	3.84e-05
2	13	0.41	1.22e-04	-0.03	-2.96e-04	4.38e-04	-1.31e-04
2	24	-0.41	-3.34e-05	-0.09	-4.83e-04	-2.36e-04	6.93e-05
2	34	3.83e-05	0.27	-0.06	-7.24e-04	1.22e-04	1.29e-04
2	50	-0.62	-0.01	-0.08	-2.92e-04	-4.85e-04	-3.36e-04
2	54	-0.55	-0.06	-0.08	-2.50e-04	-4.30e-04	-1.81e-04
2	75	0.01	0.62	-0.02	-8.97e-04	1.20e-04	-3.36e-04
2	82	-0.50	-7.87e-03	-0.08	-3.01e-04	-3.69e-04	-2.79e-04
2	86	-0.44	-0.05	-0.08	-2.69e-04	-3.23e-04	-1.50e-04
2	107	7.89e-03	0.50	-0.03	-7.81e-04	1.11e-04	-2.79e-04
3	12	0.06	-5.22e-03	-0.06	2.44e-04	9.36e-05	6.09e-06
3	35	0.0	0.04	-0.03	2.14e-06	0.0	0.0
3	38	0.0	-0.02	-0.06	3.04e-04	0.0	0.0
3	52	0.06	-0.02	-0.04	2.60e-04	1.53e-04	4.32e-05
3	64	4.05e-03	-0.05	-0.05	4.74e-04	1.69e-05	-2.15e-05
3	84	0.05	-0.01	-0.04	2.41e-04	1.22e-04	3.57e-05
3	96	2.75e-03	-0.04	-0.05	4.12e-04	1.25e-05	-1.79e-05
4	11	0.41	1.17e-05	-0.06	-6.15e-04	1.62e-04	3.13e-05
4	34	0.0	0.27	-0.06	-9.97e-04	0.0	0.0
4	38	0.0	-0.08	-0.08	-7.62e-04	0.0	0.0
4	52	0.62	-0.15	-0.05	-3.66e-04	2.54e-04	3.45e-04
4	64	0.06	-0.50	-0.06	-3.93e-05	3.81e-05	-1.86e-04
4	65	-0.06	0.50	-0.04	-9.72e-04	-3.81e-05	1.86e-04
4	84	0.50	-0.12	-0.05	-3.94e-04	2.02e-04	2.87e-04
4	96	0.05	-0.40	-0.06	-1.34e-04	2.90e-05	-1.54e-04
4	97	-0.05	0.40	-0.04	-8.77e-04	-2.90e-05	1.54e-04
5	12	0.07	-6.46e-03	-0.08	3.16e-04	4.76e-04	-1.90e-05
5	35	1.86e-03	0.04	-0.03	-1.09e-05	9.94e-05	-3.22e-05
5	48	0.06	-9.84e-03	-0.08	3.51e-04	5.56e-04	2.69e-05
5	52	0.07	-3.73e-03	-0.08	3.29e-04	5.76e-04	4.69e-05
5	68	3.15e-03	-0.07	-0.08	5.99e-04	3.06e-04	-4.66e-05
5	80	0.05	-7.99e-03	-0.07	3.18e-04	4.74e-04	2.21e-05
5	84	0.06	-3.32e-03	-0.07	3.01e-04	4.90e-04	3.87e-05
5	100	2.74e-03	-0.06	-0.07	5.13e-04	2.78e-04	-3.84e-05
6	12	0.41	-3.34e-05	-0.09	-4.83e-04	2.36e-04	-6.93e-05
6	25	-0.41	1.22e-04	-0.03	-2.96e-04	-4.38e-04	1.31e-04
6	34	-3.83e-05	0.27	-0.06	-7.24e-04	-1.22e-04	-1.29e-04
6	48	0.55	-0.06	-0.08	-2.50e-04	4.30e-04	1.81e-04
6	52	0.62	-0.01	-0.08	-2.92e-04	4.85e-04	3.36e-04
6	69	-0.01	0.62	-0.02	-8.97e-04	-1.20e-04	3.36e-04
6	80	0.44	-0.05	-0.08	-2.69e-04	3.23e-04	1.50e-04
6	84	0.50	-7.87e-03	-0.08	-3.01e-04	3.69e-04	2.79e-04
6	101	-7.89e-03	0.50	-0.03	-7.81e-04	-1.11e-04	2.79e-04
7	24	-0.07	0.0	-0.07	0.0	-4.38e-04	0.0
7	33	-3.72e-03	0.04	-0.06	-6.24e-05	-1.82e-04	-4.06e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
7	61	-0.05	4.05e-03	-0.06	-1.69e-05	-4.52e-04	2.15e-05
7	72	0.01	-0.06	-0.04	1.53e-04	-5.34e-05	4.32e-05
7	93	-0.04	2.75e-03	-0.06	-1.25e-05	-3.90e-04	1.79e-05
7	104	8.24e-03	-0.05	-0.04	1.22e-04	-7.20e-05	3.57e-05
8	13	0.41	0.0	-0.04	0.0	4.51e-04	0.0
8	18	-0.24	0.0	-0.09	0.0	-4.98e-05	0.0
8	33	-8.83e-05	0.27	-0.07	-1.08e-04	1.38e-04	-2.09e-05
8	61	-0.50	0.06	-0.07	-3.81e-05	-3.57e-04	1.86e-04
8	72	0.15	-0.62	-0.05	2.54e-04	2.49e-04	3.45e-04
8	93	-0.40	0.05	-0.07	-2.90e-05	-2.63e-04	1.54e-04
8	104	0.12	-0.50	-0.05	2.02e-04	2.21e-04	2.87e-04
9	11	0.07	0.0	-0.06	0.0	9.17e-05	0.0
9	33	0.0	0.04	-0.06	-6.11e-05	0.0	0.0
9	38	0.0	-0.01	-0.08	1.83e-05	0.0	0.0
9	55	0.04	0.01	-0.05	-3.69e-05	1.23e-04	-2.20e-05
9	60	0.04	-0.01	-0.05	3.69e-05	1.23e-04	-2.20e-05
9	64	0.01	-0.04	-0.05	1.23e-04	3.69e-05	-2.20e-05
9	87	0.03	0.01	-0.05	-2.94e-05	9.81e-05	-1.83e-05
9	92	0.03	-0.01	-0.05	2.94e-05	9.81e-05	-1.83e-05
9	96	0.01	-0.03	-0.05	9.81e-05	2.94e-05	-1.83e-05
10	11	0.41	0.0	-0.08	0.0	1.44e-04	0.0
10	33	0.0	0.27	-0.08	-9.59e-05	0.0	0.0
10	38	0.0	-0.08	-0.11	2.88e-05	0.0	0.0
10	55	0.50	0.15	-0.07	-5.81e-05	1.94e-04	-1.86e-04
10	60	0.50	-0.15	-0.07	5.81e-05	1.94e-04	-1.86e-04
10	64	0.15	-0.50	-0.07	1.94e-04	5.81e-05	-1.86e-04
10	87	0.40	0.12	-0.07	-4.63e-05	1.54e-04	-1.55e-04
10	92	0.40	-0.12	-0.07	4.63e-05	1.54e-04	-1.55e-04
10	96	0.12	-0.40	-0.07	1.54e-04	4.63e-05	-1.55e-04
11	12	0.07	0.0	-0.07	0.0	4.38e-04	0.0
11	33	3.72e-03	0.04	-0.06	-6.24e-05	1.82e-04	4.06e-06
11	60	0.05	-0.02	-0.06	5.82e-05	4.52e-04	-2.27e-05
11	63	0.02	0.06	-0.05	-1.53e-04	2.37e-04	4.32e-05
11	92	0.04	-0.02	-0.06	4.76e-05	3.90e-04	-1.88e-05
11	98	-8.24e-03	-0.05	-0.04	1.22e-04	7.20e-05	-3.57e-05
12	8	0.24	0.0	-0.09	0.0	4.98e-05	0.0
12	25	-0.41	0.0	-0.04	0.0	-4.51e-04	0.0
12	33	8.83e-05	0.27	-0.07	-1.08e-04	-1.38e-04	2.09e-05
12	60	0.50	-0.24	-0.07	9.22e-05	3.57e-04	-1.86e-04
12	63	0.15	0.62	-0.06	-2.54e-04	3.07e-05	3.45e-04
12	92	0.40	-0.19	-0.07	7.50e-05	2.63e-04	-1.54e-04
12	98	-0.12	-0.50	-0.05	2.02e-04	-2.21e-04	-2.87e-04
13	24	-0.07	6.46e-03	-0.08	-3.16e-04	-4.76e-04	-1.90e-05
13	34	-5.08e-03	0.05	-0.08	-4.25e-04	-2.59e-04	3.32e-06
13	57	-0.07	3.73e-03	-0.08	-3.29e-04	-5.76e-04	4.69e-05
13	61	-0.06	9.84e-03	-0.08	-3.51e-04	-5.56e-04	2.69e-05
13	73	-3.15e-03	0.07	-0.08	-5.99e-04	-3.06e-04	-4.66e-05
13	89	-0.06	3.32e-03	-0.07	-3.01e-04	-4.90e-04	3.87e-05
13	93	-0.05	7.99e-03	-0.07	-3.18e-04	-4.74e-04	2.21e-05
13	105	-2.74e-03	0.06	-0.07	-5.13e-04	-2.78e-04	-3.84e-05
14	13	0.41	-1.22e-04	-0.03	2.96e-04	4.38e-04	1.31e-04
14	24	-0.41	3.34e-05	-0.09	4.83e-04	-2.36e-04	-6.93e-05
14	35	-6.82e-05	0.27	-0.06	5.45e-05	8.09e-05	5.10e-06
14	57	-0.62	0.01	-0.08	2.92e-04	-4.85e-04	3.36e-04
14	61	-0.55	0.06	-0.08	2.50e-04	-4.30e-04	1.81e-04
14	72	0.01	-0.62	-0.02	8.97e-04	1.20e-04	3.36e-04
14	89	-0.50	7.87e-03	-0.08	3.01e-04	-3.69e-04	2.79e-04
14	93	-0.44	0.05	-0.08	2.69e-04	-3.23e-04	1.50e-04
14	104	7.89e-03	-0.50	-0.03	7.81e-04	1.11e-04	2.79e-04
15	11	0.06	4.46e-03	-0.05	-2.09e-04	9.36e-05	-6.09e-06
15	28	0.0	0.03	-0.06	-3.50e-04	0.0	0.0
15	34	0.0	0.05	-0.06	-3.96e-04	0.0	0.0
15	56	0.06	-0.01	-0.04	-7.56e-05	1.53e-04	-4.32e-05
15	65	-0.02	0.05	-0.05	-4.74e-04	-5.82e-05	2.27e-05
15	88	0.05	-7.58e-03	-0.04	-9.42e-05	1.22e-04	-3.57e-05
15	97	-0.02	0.04	-0.05	-4.12e-04	-4.76e-05	1.88e-05
16	12	0.41	-2.57e-05	-0.07	7.67e-04	1.62e-04	-3.13e-05
16	28	0.0	0.16	-0.08	6.92e-04	0.0	0.0
16	35	0.0	0.27	-0.05	2.16e-04	0.0	0.0
16	56	0.62	-0.15	-0.05	6.45e-04	2.54e-04	-3.45e-04
16	64	0.24	-0.50	-0.04	9.72e-04	9.22e-05	-1.86e-04
16	65	-0.24	0.50	-0.06	3.93e-05	-9.22e-05	1.86e-04
16	88	0.50	-0.12	-0.05	6.17e-04	2.02e-04	-2.87e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
16	96	0.19	-0.40	-0.04	8.77e-04	7.50e-05	-1.54e-04
16	97	-0.19	0.40	-0.06	1.34e-04	-7.50e-05	1.54e-04
17	12	0.07	6.46e-03	-0.08	-3.16e-04	4.76e-04	1.90e-05
17	34	5.08e-03	0.05	-0.08	-4.25e-04	2.59e-04	-3.32e-06
17	55	0.06	9.84e-03	-0.08	-3.51e-04	5.56e-04	-2.69e-05
17	59	0.07	3.73e-03	-0.08	-3.29e-04	5.76e-04	-4.69e-05
17	63	3.15e-03	0.07	-0.08	-5.99e-04	3.06e-04	4.66e-05
17	87	0.05	7.99e-03	-0.07	-3.18e-04	4.74e-04	-2.21e-05
17	91	0.06	3.32e-03	-0.07	-3.01e-04	4.90e-04	-3.87e-05
17	95	2.74e-03	0.06	-0.07	-5.13e-04	2.78e-04	3.84e-05
18	12	0.41	3.34e-05	-0.09	4.83e-04	2.36e-04	6.93e-05
18	25	-0.41	-1.22e-04	-0.03	2.96e-04	-4.38e-04	-1.31e-04
18	35	6.82e-05	0.27	-0.06	5.45e-05	-8.09e-05	-5.10e-06
18	55	0.55	0.06	-0.08	2.50e-04	4.30e-04	-1.81e-04
18	59	0.62	0.01	-0.08	2.92e-04	4.85e-04	-3.36e-04
18	66	-0.01	-0.62	-0.02	8.97e-04	-1.20e-04	-3.36e-04
18	87	0.44	0.05	-0.08	2.69e-04	3.23e-04	-1.50e-04
18	91	0.50	7.87e-03	-0.08	3.01e-04	3.69e-04	-2.79e-04
18	98	-7.89e-03	-0.50	-0.03	7.81e-04	-1.11e-04	-2.79e-04
Nodo		**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		-0.62	-0.62	-0.11	-9.97e-04	-5.76e-04	-3.45e-04
		0.62	0.62	-0.02	9.72e-04	5.76e-04	3.45e-04

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm
Nodo		**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.
Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione Fz (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.
In particolare viene riportato:

Nodo		numero del nodo a cui è applicato il plinto
Tipo		Codice identificativo del nome assegnato al plinto
area		area dell'impronta del plinto
Wink O	**Wink V**	coefficienti di Winkler (orizzontale e verticale) adottati
Comb		Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)		valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

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

Test N°	Titolo
105	PLINTO SUPERFICIALE
106	PLINTO SUPERFICIALE
107	PLINTO SUPERFICIALE
108	PLINTO SUPERFICIALE
109	PLINTO SUPERFICIALE
110	PLINTO SUPERFICIALE
111	PLINTO SUPERFICIALE
112	PLINTO SUPERFICIALE
113	PLINTO SUPERFICIALE
114	PLINTO SUPERFICIALE
115	PLINTO SUPERFICIALE
116	PLINTO SUPERFICIALE
117	PLINTO SUPERFICIALE
118	PLINTO SUPERFICIALE
119	PLINTO SUPERFICIALE
120	PLINTO SUPERFICIALE
121	PLINTO SUPERFICIALE
122	PLINTO SUPERFICIALE
123	PLINTO SUPERFICIALE
124	FONDAZIONE NASTRIFORME
125	CALCOLO DEI K DI WINKLER

Elem.	**Cmb**	**Pt ini**	**Pt fin**	**Pt max**	**Cmb**	**Pt ini**	**Pt fin**	**Pt max**	**Cmb**	**Pt ini**	**Pt fin**	**Pt max**
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2
22	12	-0.98	-0.87	-0.98	51	-0.95	-0.71	-0.95	83	-0.86	-0.67	-0.86
23	12	-0.87	-0.98	-0.98	59	-0.71	-0.95	-0.95	91	-0.67	-0.86	-0.86
24	18	-0.77	-0.62	-0.77	75	-0.50	-0.55	-0.55	107	-0.50	-0.52	-0.52
25	24	-0.87	-0.98	-0.98	55	-0.71	-0.95	-0.95	87	-0.67	-0.86	-0.86
26	24	-0.98	-0.87	-0.98	47	-0.95	-0.71	-0.95	79	-0.86	-0.67	-0.86
27	8	-0.62	-0.77	-0.77	71	-0.55	-0.50	-0.55	103	-0.52	-0.50	-0.52
28	24	-0.93	-0.65	-0.93	75	-0.96	-0.67	-0.96	107	-0.87	-0.63	-0.87
29	12	-0.65	-0.93	-0.93	67	-0.67	-0.96	-0.96	99	-0.63	-0.87	-0.87
30	24	-0.93	-0.65	-0.93	71	-0.96	-0.67	-0.96	103	-0.87	-0.63	-0.87
31	12	-0.65	-0.93	-0.93	63	-0.67	-0.96	-0.96	95	-0.63	-0.87	-0.87
32	28	-0.69	-0.76	-0.76	51	-0.60	-0.50	-0.60	83	-0.57	-0.50	-0.57
33	28	-0.76	-0.69	-0.76	47	-0.50	-0.60	-0.60	79	-0.50	-0.57	-0.57
Elem.		**Pt ini**	**Pt fin**	**Pt max**		**Pt ini**	**Pt fin**	**Pt max**		**Pt ini**	**Pt fin**	**Pt max**
		-0.98										
		-0.50										

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

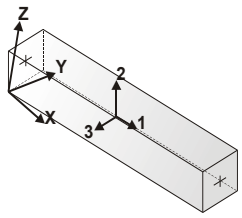
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

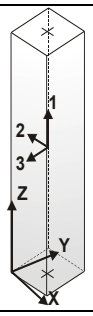
Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
Q2/Q3	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
Pos.	ascissa del punto iniziale e finale dell'elemento
N, V2, ecc..	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
1	12	2.048e+05	1.542e+04	-0.34	0.0	0.0	-5876.14	1043.96	-316.32	-5797.19	1.542e+04	-2.775e+05
		-2.775e+05	-1.307e+05	0.04	0.0	462.0	-4036.80	1043.96	-316.32	-5797.19	-1.307e+05	2.048e+05
1	13	2.029e+05	1.417e+04	-0.34	0.0	0.0	-3638.19	996.54	-206.14	-5803.30	1.417e+04	-2.575e+05
		-2.575e+05	-8.106e+04	0.02	0.0	462.0	-2223.32	996.54	-206.14	-5803.30	-8.106e+04	2.029e+05
1	18	7.188e+04	-2.180e+04	0.20	0.0	0.0	-7445.12	-418.53	-210.47	1812.98	-2.180e+04	7.188e+04
		-1.215e+05	-1.190e+05	0.04	0.0	462.0	-5605.78	-418.53	-210.47	1812.98	-1.190e+05	-1.215e+05
1	35	-1.066e+04	6.892e+04	9.81e-03	0.0	0.0	-3898.38	22.54	488.57	5758.43	-1.568e+05	-2.107e+04
		-2.107e+04	-1.568e+05	-0.23	0.0	462.0	-2483.50	22.54	488.57	5758.43	6.892e+04	-1.066e+04
1	44	5068.15	6.454e+04	0.02	0.0	0.0	-6915.22	152.46	-540.07	-2861.41	6.454e+04	-6.537e+04
		-6.537e+04	-1.850e+05	0.12	0.0	462.0	-5075.88	152.46	-540.07	-2861.41	-1.850e+05	5068.15
1	51	2.993e+05	-1.160e+04	-0.50	0.0	0.0	-3300.74	1429.69	-109.48	9235.70	-1.160e+04	-3.611e+05
		-3.611e+05	-6.227e+04	-0.06	0.0	462.0	-1885.86	1429.69	-109.48	9235.70	-6.227e+04	2.993e+05
1	52	3.494e+05	1.996e+05	-0.56	0.0	0.0	-3947.75	1671.24	-988.65	1.714e+04	1.996e+05	-4.228e+05
		-4.228e+05	-2.573e+05	0.25	0.0	462.0	-2532.88	1671.24	-988.65	1.714e+04	-2.573e+05	3.494e+05
1	54	2.811e+05	-5909.57	0.49	0.0	0.0	-6104.48	-1259.34	-183.47	-9217.74	-5909.57	2.811e+05
		-3.007e+05	-9.058e+04	0.07	0.0	462.0	-4689.61	-1259.34	-183.47	-9217.74	-9.058e+04	-3.007e+05
1	72	1.802e+05	3.740e+05	-0.26	0.0	0.0	-5457.46	927.35	-1732.54	1.714e+04	3.740e+05	-2.483e+05
		-2.483e+05	-4.265e+05	0.55	0.0	462.0	-4042.59	927.35	-1732.54	1.714e+04	-4.265e+05	1.802e+05
1	83	2.374e+05	-9403.04	-0.40	0.0	0.0	-3584.94	1152.07	-124.34	7695.89	-9403.04	-2.949e+05
		-2.949e+05	-6.694e+04	-0.05	0.0	462.0	-2170.07	1152.07	-124.34	7695.89	-6.694e+04	2.374e+05
1	84	2.782e+05	1.585e+05	-0.45	0.0	0.0	-4100.79	1348.51	-823.41	1.428e+04	1.585e+05	-3.449e+05
		-3.449e+05	-2.220e+05	0.21	0.0	462.0	-2685.91	1348.51	-823.41	1.428e+04	-2.220e+05	2.782e+05
1	86	2.148e+05	-8106.62	0.39	0.0	0.0	-5820.28	-981.72	-168.61	-7677.93	-8106.62	2.148e+05
		-2.387e+05	-8.592e+04	0.06	0.0	462.0	-4405.40	-981.72	-168.61	-7677.93	-8.592e+04	-2.387e+05
1	104	1.449e+05	2.961e+05	-0.21	0.0	0.0	-5304.43	762.11	-1409.81	1.428e+04	2.961e+05	-2.073e+05
		-2.073e+05	-3.553e+05	0.44	0.0	462.0	-3889.56	762.11	-1409.81	1.428e+04	-3.553e+05	1.449e+05
2	11	3.006e+05	2.707e+04	-0.34	0.0	0.0	-1.047e+04	1326.66	-421.01	1509.40	2.707e+04	-3.123e+05
		-3.123e+05	-1.674e+05	0.05	0.0	462.0	-8632.30	1326.66	-421.01	1509.40	-1.674e+05	3.006e+05
2	23	3.123e+05	2.707e+04	0.34	0.0	0.0	-1.047e+04	-1326.66	-421.01	-1509.40	2.707e+04	3.123e+05
		-3.006e+05	-1.674e+05	0.05	0.0	462.0	-8632.30	-1326.66	-421.01	-1509.40	-1.674e+05	-3.006e+05
2	35	0.0	1.801e+04	0.0	0.0	0.0	-7107.79	0.0	329.00	0.0	-1.340e+05	0.0
		0.0	-1.340e+05	-0.23	0.0	462.0	-5692.91	0.0	329.00	0.0	1.801e+04	0.0
2	38	0.0	9.106e+04	0.0	0.0	0.0	-1.294e+04	0.0	-787.19	0.0	9.106e+04	0.0
		0.0	-2.726e+05	0.11	0.0	462.0	-1.110e+04	0.0	-787.19	0.0	-2.726e+05	0.0
2	44	0.0	1.163e+05	0.0	0.0	0.0	-1.240e+04	0.0	-861.18	0.0	1.163e+05	0.0
		0.0	-2.816e+05	0.14	0.0	462.0	-1.056e+04	0.0	-861.18	0.0	-2.816e+05	0.0
2	47	4.986e+05	-5.342e+04	-0.56	0.0	0.0	-7967.66	2195.37	34.55	1.804e+04	-6.938e+04	-5.157e+05
		-5.157e+05	-6.938e+04	-0.14	0.0	462.0	-6552.78	2195.37	34.55	1.804e+04	-5.342e+04	4.986e+05
2	50	5.157e+05	1.168e+05	0.56	0.0	0.0	-8817.12	-2195.37	-736.21	-1.804e+04	1.168e+05	5.157e+05
		-4.986e+05	-2.233e+05	0.14	0.0	462.0	-7402.25	-2195.37	-736.21	-1.804e+04	-2.233e+05	-4.986e+05
2	64	4.940e+04	3.340e+05	-0.06	0.0	0.0	-9808.16	221.66	-1635.43	-9830.09	3.340e+05	-5.300e+04
		-5.300e+04	-4.215e+05	0.45	0.0	462.0	-8393.29	221.66	-1635.43	-9830.09	-4.215e+05	4.940e+04
2	65	5.300e+04	1.448e+05	0.06	0.0	0.0	-6976.62	-221.66	933.78	9830.09	-2.866e+05	5.300e+04
		-4.940e+04	-2.866e+05	-0.45	0.0	462.0	-5561.74	-221.66	933.78	9830.09	1.448e+05	-4.940e+04
2	79	3.974e+05	-5.054e+04	-0.45	0.0	0.0	-8053.71	1749.99	-43.46	1.501e+04	-5.054e+04	-4.111e+05
		-4.111e+05	-7.062e+04	-0.11	0.0	462.0	-6638.84	1749.99	-43.46	1.501e+04	-7.062e+04	3.974e+05
2	82	4.111e+05	9.797e+04	0.45	0.0	0.0	-8731.07	-1749.99	-658.20	-1.501e+04	9.797e+04	4.111e+05
		-3.974e+05	-2.061e+05	0.12	0.0	462.0	-7316.19	-1749.99	-658.20	-1.501e+04	-2.061e+05	-3.974e+05
2	96	3.599e+04	2.712e+05	-0.04	0.0	0.0	-9521.31	161.88	-1375.40	-8164.83	2.712e+05	-3.880e+04
		-3.880e+04	-3.642e+05	0.36	0.0	462.0	-8106.43	161.88	-1375.40	-8164.83	-3.642e+05	3.599e+04
2	97	3.880e+04	8.747e+04	0.04	0.0	0.0	-7263.47	-161.88	673.74	8164.83	-2.238e+05	3.880e+04
		-3.599e+04	-2.238e+05	-0.36	0.0	462.0	-5848.59	-161.88	673.74	8164.83	8.747e+04	-3.599e+04
3	8	1.215e+05	-2.180e+04	-0.20	0.0	0.0	-7445.12	418.53	-210.47	-1812.98	-2.180e+04	-7.188e+04
		-7.188e+04	-1.190e+05	0.04	0.0	462.0	-5605.78	418.53	-210.47	-1812.98	-1.190e+05	1.215e+05
3	24	2.775e+05	1.542e+04	0.34	0.0	0.0	-5876.14	-1043.96	-316.32	5797.19	1.542e+04	2.775e+05
		-2.048e+05	-1.307e+05	0.04	0.0	462.0	-4036.80	-1043.96	-316.32	5797.19	-1.307e+05	-2.048e+05
3	25	2.575e+05	1.417e+04	0.34	0.0	0.0	-3638.19	-996.54	-206.14	5803.30	1.417e+04	2.575e+05
		-2.029e+05	-8.106e+04	0.02	0.0	462.0	-2223.32	-996.54	-206.14	5803.30	-8.106e+04	-2.029e+05
3	35	2.107e+04	6.892e+04	-9.81e-03	0.0	0.0	-3898.38	-22.54	488.57	-5758.43	-1.568e+05	2.107e+04
		1.066e+04	-1.568e+05	-0.23	0.0	462.0	-2483.50	-22.54	488.57	-5758.43	6.892e+04	1.066e+04
3	44	6.537e+04	6.454e+04	-0.02	0.0	0.0	-6915.22	-152.46	-540.07	2861.41	6.454e+04	6.537e+04
		-5068.15	-1.850e+05	0.12	0.0	462.0	-5075.88	-152.46	-540.07	2861.41	-1.850e+05	-5068.15
3	48	3.007e+05	-5909.57	-0.49	0.0	0.0	-6104.48	1259.34	-183.47	9217.74	-5909.57	-2.811e+05
		-2.811e+05	-9.058e+04	0.07	0.0	462.0	-4689.61	1259.34	-183.47	9217.74	-9.058e+04	3.007e+05
3	49	3.611e+05	-1.160e+04	0.50	0.0	0.0	-3300.74	-1429.69	-109.48	-9235.70	-1.160e+04	3.611e+05
		-2.993e+05	-6.227e+04	-0.06	0.0	462.0	-1885.86	-1429.69	-109.48	-9235.70	-6.227e+04	-2.993e+05
3	50	4.228e+05	1.996e+05	0.56	0.0	0.0	-3947.75	-1671.24	-988.65	-1.714e+04	1.996e+05	4.228e+05
		-3.494e+05	-2.573e+05	0.25	0.0	462.0	-2532.88	-1671.24	-988.65	-1.714e+04	-2.573e+05	-3.494e+05
3	66	2.483e+05	3.740e+05	0.26	0.0	0.0	-5457.46	-927.35	-1732.54	-1.714e+04	3.740e+05	2.483e+05
		-1.802e+05	-4.265e+05	0.55	0.0	462.0	-4042.59	-927.35	-1732.54	-1.714e+04	-4.265e+05	-1.802e+05

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
3	80	2.387e+05	-8106.62	-0.39	0.0	0.0	-5820.28	981.72	-168.61	7677.93	-8106.62	-2.148e+05
		-2.148e+05	-8.592e+04	0.06	0.0	462.0	-4405.40	981.72	-168.61	7677.93	-8.592e+04	2.387e+05
3	81	2.949e+05	-9403.04	0.40	0.0	0.0	-3584.94	-1152.07	-124.34	-7695.89	-9403.04	2.949e+05
		-2.374e+05	-6.694e+04	-0.05	0.0	462.0	-2170.07	-1152.07	-124.34	-7695.89	-6.694e+04	-2.374e+05
3	82	3.449e+05	1.585e+05	0.45	0.0	0.0	-4100.79	-1348.51	-823.41	-1.428e+04	1.585e+05	3.449e+05
		-2.782e+05	-2.220e+05	0.21	0.0	462.0	-2685.91	-1348.51	-823.41	-1.428e+04	-2.220e+05	-2.782e+05
3	98	2.073e+05	2.961e+05	0.21	0.0	0.0	-5304.43	-762.11	-1409.81	-1.428e+04	2.961e+05	2.073e+05
		-1.449e+05	-3.553e+05	0.44	0.0	462.0	-3889.56	-762.11	-1409.81	-1.428e+04	-3.553e+05	-1.449e+05
4	12	1.980e+05	0.0	-0.34	0.0	0.0	-1.344e+04	1034.10	0.0	0.0	0.0	-2.798e+05
		-2.798e+05	0.0	0.0	0.0	462.0	-1.160e+04	1034.10	0.0	0.0	0.0	1.980e+05
4	13	2.003e+05	0.0	-0.34	0.0	0.0	-8117.28	998.81	0.0	0.0	0.0	-2.611e+05
		-2.611e+05	0.0	0.0	0.0	462.0	-6702.41	998.81	0.0	0.0	0.0	2.003e+05
4	14	2.004e+05	0.0	-0.34	0.0	0.0	-1.024e+04	1014.64	0.0	0.0	0.0	-2.683e+05
		-2.683e+05	0.0	0.0	0.0	462.0	-8822.30	1014.64	0.0	0.0	0.0	2.004e+05
4	18	8.583e+04	0.0	0.20	0.0	0.0	-1.599e+04	-485.08	0.0	0.0	0.0	8.583e+04
		-1.383e+05	0.0	0.0	0.0	462.0	-1.415e+04	-485.08	0.0	0.0	0.0	-1.383e+05
4	33	-1.210e+04	2.004e+05	0.02	0.0	0.0	-1.235e+04	65.49	884.44	-1006.26	-2.082e+05	-4.236e+04
		-4.236e+04	-2.082e+05	-0.23	0.0	462.0	-1.051e+04	65.49	884.44	-1006.26	2.004e+05	-1.210e+04
4	52	2.737e+05	2.396e+05	-0.45	0.0	0.0	-8531.91	1337.48	-1023.41	1.814e+04	2.396e+05	-3.442e+05
		-3.442e+05	-2.332e+05	0.26	0.0	462.0	-7117.03	1337.48	-1023.41	1.814e+04	-2.332e+05	2.737e+05
4	53	2.764e+05	2.332e+05	0.45	0.0	0.0	-1.136e+04	-1231.73	1023.41	-1.814e+04	-2.396e+05	2.764e+05
		-2.926e+05	-2.396e+05	-0.26	0.0	462.0	-9948.58	-1231.73	1023.41	-1.814e+04	2.332e+05	-2.926e+05
4	72	7.548e+04	5.157e+05	-0.14	0.0	0.0	-9522.95	438.26	-2195.37	1.804e+04	5.157e+05	-1.270e+05
		-1.270e+05	-4.986e+05	0.56	0.0	462.0	-8108.07	438.26	-2195.37	1.804e+04	-4.986e+05	7.548e+04
4	73	5.921e+04	4.986e+05	0.13	0.0	0.0	-1.037e+04	-332.51	2195.37	-1.804e+04	-5.157e+05	5.921e+04
		-9.441e+04	-5.157e+05	-0.56	0.0	462.0	-8957.53	-332.51	2195.37	-1.804e+04	4.986e+05	-9.441e+04
4	84	2.164e+05	1.939e+05	-0.36	0.0	0.0	-8818.76	1077.44	-828.15	1.508e+04	1.939e+05	-2.814e+05
		-2.814e+05	-1.887e+05	0.21	0.0	462.0	-7403.88	1077.44	-828.15	1.508e+04	-1.887e+05	2.164e+05
4	85	2.136e+05	1.887e+05	0.36	0.0	0.0	-1.108e+04	-971.69	828.15	-1.508e+04	-1.939e+05	2.136e+05
		-2.353e+05	-1.939e+05	-0.21	0.0	462.0	-9661.72	-971.69	828.15	-1.508e+04	1.887e+05	-2.353e+05
4	104	5.829e+04	4.111e+05	-0.11	0.0	0.0	-9609.00	360.25	-1749.99	1.501e+04	4.111e+05	-1.081e+05
		-1.081e+05	-3.974e+05	0.45	0.0	462.0	-8194.13	360.25	-1749.99	1.501e+04	-3.974e+05	5.829e+04
4	105	4.036e+04	3.974e+05	0.11	0.0	0.0	-1.029e+04	-254.50	1749.99	-1.501e+04	-4.111e+05	4.036e+04
		-7.721e+04	-4.111e+05	-0.45	0.0	462.0	-8871.48	-254.50	1749.99	-1.501e+04	3.974e+05	-7.721e+04
5	11	3.048e+05	0.0	-0.34	0.0	0.0	-2.059e+04	1338.52	0.0	0.0	0.0	-3.136e+05
		-3.136e+05	0.0	0.0	0.0	462.0	-1.875e+04	1338.52	0.0	0.0	0.0	3.048e+05
5	23	3.136e+05	0.0	0.34	0.0	0.0	-2.059e+04	-1338.52	0.0	0.0	0.0	3.136e+05
		-3.048e+05	0.0	0.0	0.0	462.0	-1.875e+04	-1338.52	0.0	0.0	0.0	-3.048e+05
5	33	0.0	2.032e+05	0.0	0.0	0.0	-2.059e+04	0.0	892.35	0.0	-2.091e+05	0.0
		0.0	-2.091e+05	-0.23	0.0	462.0	-1.875e+04	0.0	892.35	0.0	2.032e+05	0.0
5	35	0.0	2.032e+05	0.0	0.0	0.0	-1.514e+04	0.0	892.35	0.0	-2.091e+05	0.0
		0.0	-2.091e+05	-0.23	0.0	462.0	-1.373e+04	0.0	892.35	0.0	2.032e+05	0.0
5	38	0.0	6.273e+04	0.0	0.0	0.0	-2.639e+04	0.0	-267.70	0.0	6.273e+04	0.0
		0.0	-6.095e+04	0.07	0.0	462.0	-2.455e+04	0.0	-267.70	0.0	-6.095e+04	0.0
5	52	4.094e+05	1.264e+05	-0.46	0.0	0.0	-1.670e+04	1798.40	-539.52	1.822e+04	1.264e+05	-4.214e+05
		-4.214e+05	-1.228e+05	0.14	0.0	462.0	-1.528e+04	1798.40	-539.52	1.822e+04	-1.228e+05	4.094e+05
5	53	4.214e+05	1.228e+05	0.46	0.0	0.0	-1.670e+04	-1798.40	539.52	-1.822e+04	-1.264e+05	4.214e+05
		-4.094e+05	-1.264e+05	-0.14	0.0	462.0	-1.528e+04	-1798.40	539.52	-1.822e+04	1.228e+05	-4.094e+05
5	55	4.094e+05	1.228e+05	-0.46	0.0	0.0	-1.670e+04	1798.40	539.52	-9812.16	-1.264e+05	-4.214e+05
		-4.214e+05	-1.264e+05	-0.14	0.0	462.0	-1.528e+04	1798.40	539.52	-9812.16	1.228e+05	4.094e+05
5	57	4.214e+05	1.228e+05	0.46	0.0	0.0	-1.670e+04	-1798.40	539.52	1.822e+04	-1.264e+05	4.214e+05
		-4.094e+05	-1.264e+05	-0.14	0.0	462.0	-1.528e+04	-1798.40	539.52	1.822e+04	1.228e+05	-4.094e+05
5	64	1.228e+05	4.214e+05	-0.14	0.0	0.0	-1.670e+04	539.52	-1798.40	-9812.16	4.214e+05	-1.264e+05
		-1.264e+05	-4.094e+05	0.46	0.0	462.0	-1.528e+04	539.52	-1798.40	-9812.16	-4.094e+05	1.228e+05
5	65	1.264e+05	4.094e+05	0.14	0.0	0.0	-1.670e+04	-539.52	1798.40	9812.16	-4.214e+05	1.264e+05
		-1.228e+05	-4.214e+05	-0.46	0.0	462.0	-1.528e+04	-539.52	1798.40	9812.16	4.094e+05	-1.228e+05
5	84	3.265e+05	1.008e+05	-0.36	0.0	0.0	-1.670e+04	1434.36	-430.31	1.514e+04	1.008e+05	-3.361e+05
		-3.361e+05	-9.796e+04	0.11	0.0	462.0	-1.528e+04	1434.36	-430.31	1.514e+04	-9.796e+04	3.265e+05
5	85	3.361e+05	9.796e+04	0.36	0.0	0.0	-1.670e+04	-1434.36	430.31	-1.514e+04	-1.008e+05	3.361e+05
		-3.265e+05	-1.008e+05	-0.11	0.0	462.0	-1.528e+04	-1434.36	430.31	-1.514e+04	9.796e+04	-3.265e+05
5	87	3.265e+05	9.796e+04	-0.36	0.0	0.0	-1.670e+04	1434.36	430.31	-8153.96	-1.008e+05	-3.361e+05
		-3.361e+05	-1.008e+05	-0.11	0.0	462.0	-1.528e+04	1434.36	430.31	-8153.96	9.796e+04	3.265e+05
5	89	3.361e+05	9.796e+04	0.36	0.0	0.0	-1.670e+04	-1434.36	430.31	1.514e+04	-1.008e+05	3.361e+05
		-3.265e+05	-1.008e+05	-0.11	0.0	462.0	-1.528e+04	-1434.36	430.31	1.514e+04	9.796e+04	-3.265e+05
5	96	9.796e+04	3.361e+05	-0.11	0.0	0.0	-1.670e+04	430.31	-1434.36	-8153.96	3.361e+05	-1.008e+05
		-1.008e+05	-3.265e+05	0.36	0.0	462.0	-1.528e+04	430.31	-1434.36	-8153.96	-3.265e+05	9.796e+04
5	97	1.008e+05	3.265e+05	0.11	0.0	0.0	-1.670e+04	-430.31	1434.36	8153.96	-3.361e+05	1.008e+05
		-9.796e+04	-3.361e+05	-0.36	0.0	462.0	-1.528e+04	-430.31	1434.36	8153.96	3.265e+05	-9.796e+04
6	8	1.383e+05	0.0	-0.20	0.0	0.0	-1.599e+04	485.08	0.0	0.0	0.0	-8.583e+04
		-8.583e+04	0.0	0.0	0.0	462.0	-1.415e+04	485.08	0.0	0.0	0.0	1.383e+05
6	24	2.798e+05	0.0	0.34	0.0	0.0	-1.344e+04	-1034.10	0.0	0.0	0.0	2.798e+05
		-1.980e+05	0.0	0.0	0.0	462.0	-1.160e+04	-1034.10	0.0	0.0	0.0	-1.980e+05
6	25	2.611e+05	0.0	0.34	0.0	0.0	-8117.28	-998.81	0.0	0.0	0.0	2.611e+05

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-2.003e+05	0.0	0.0	0.0	462.0	-6702.41	-998.81	0.0	0.0	0.0	-2.003e+05
6	26	2.683e+05	0.0	0.34	0.0	0.0	-1.024e+04	-1014.64	0.0	0.0	0.0	2.683e+05
		-2.004e+05	0.0	0.0	0.0	462.0	-8822.30	-1014.64	0.0	0.0	0.0	-2.004e+05
6	33	4.236e+04	2.004e+05	-0.02	0.0	0.0	-1.235e+04	-65.49	884.44	1006.26	-2.082e+05	4.236e+04
		1.210e+04	-2.082e+05	-0.23	0.0	462.0	-1.051e+04	-65.49	884.44	1006.26	2.004e+05	1.210e+04
6	52	2.926e+05	1.092e+04	-0.45	0.0	0.0	-1.136e+04	1231.73	-40.92	1.822e+04	1.092e+04	-2.764e+05
		-2.764e+05	-7986.50	0.01	0.0	462.0	-9948.58	1231.73	-40.92	1.822e+04	-7986.50	2.926e+05
6	53	3.442e+05	7986.50	0.45	0.0	0.0	-8531.91	-1337.48	40.92	-1.822e+04	-1.092e+04	3.442e+05
		-2.737e+05	-1.092e+04	-0.01	0.0	462.0	-7117.03	-1337.48	40.92	-1.822e+04	7986.50	-2.737e+05
6	63	9.441e+04	4.986e+05	-0.13	0.0	0.0	-1.037e+04	332.51	2195.37	1.804e+04	-5.157e+05	-5.921e+04
		-5.921e+04	-5.157e+05	-0.56	0.0	462.0	-8957.53	332.51	2195.37	1.804e+04	4.986e+05	9.441e+04
6	66	1.270e+05	5.157e+05	0.14	0.0	0.0	-9522.95	-438.26	-2195.37	-1.804e+04	5.157e+05	1.270e+05
		-7.548e+04	-4.986e+05	0.56	0.0	462.0	-8108.07	-438.26	-2195.37	-1.804e+04	-4.986e+05	-7.548e+04
6	84	2.353e+05	6589.76	-0.36	0.0	0.0	-1.108e+04	971.69	-23.55	1.514e+04	6589.76	-2.136e+05
		-2.136e+05	-4290.94	9.62e-03	0.0	462.0	-9661.72	971.69	-23.55	1.514e+04	-4290.94	2.353e+05
6	85	2.814e+05	4290.94	0.36	0.0	0.0	-8818.76	-1077.44	23.55	-1.514e+04	-6589.76	2.814e+05
		-2.164e+05	-6589.76	-9.62e-03	0.0	462.0	-7403.88	-1077.44	23.55	-1.514e+04	4290.94	-2.164e+05
6	95	7.721e+04	3.974e+05	-0.11	0.0	0.0	-1.029e+04	254.50	1749.99	1.501e+04	-4.111e+05	-4.036e+04
		-4.036e+04	-4.111e+05	-0.45	0.0	462.0	-8871.48	254.50	1749.99	1.501e+04	3.974e+05	7.721e+04
6	98	1.081e+05	4.111e+05	0.11	0.0	0.0	-9609.00	-360.25	-1749.99	-1.501e+04	4.111e+05	1.081e+05
		-5.829e+04	-3.974e+05	0.45	0.0	462.0	-8194.13	-360.25	-1749.99	-1.501e+04	-3.974e+05	-5.829e+04
7	12	2.048e+05	1.307e+05	-0.34	0.0	0.0	-5876.14	1043.96	316.32	5797.19	-1.542e+04	-2.775e+05
		-2.775e+05	-1.542e+04	-0.04	0.0	462.0	-4036.80	1043.96	316.32	5797.19	1.307e+05	2.048e+05
7	13	2.029e+05	8.106e+04	-0.34	0.0	0.0	-3638.19	996.54	206.14	5803.30	-1.417e+04	-2.575e+05
		-2.575e+05	-1.417e+04	-0.02	0.0	462.0	-2223.32	996.54	206.14	5803.30	8.106e+04	2.029e+05
7	18	7.188e+04	1.190e+05	0.20	0.0	0.0	-7445.12	-418.53	210.47	-1812.98	2.180e+04	7.188e+04
		-1.215e+05	2.180e+04	-0.04	0.0	462.0	-5605.78	-418.53	210.47	-1812.98	1.190e+05	-1.215e+05
7	34	9634.95	2.533e+05	0.02	0.0	0.0	-7175.96	179.76	847.30	107.02	-1.382e+05	-7.342e+04
		-7.342e+04	-1.382e+05	-0.22	0.0	462.0	-5336.62	179.76	847.30	107.02	2.533e+05	9634.95
7	36	9510.08	2.279e+05	0.02	0.0	0.0	-5688.24	151.56	797.65	110.03	-1.406e+05	-6.051e+04
		-6.051e+04	-1.406e+05	-0.22	0.0	462.0	-4273.37	151.56	797.65	110.03	2.279e+05	9510.08
7	59	3.494e+05	2.573e+05	-0.56	0.0	0.0	-3947.75	1671.24	988.65	-1.714e+04	-1.996e+05	-4.228e+05
		-4.228e+05	-1.996e+05	-0.25	0.0	462.0	-2532.88	1671.24	988.65	-1.714e+04	2.573e+05	3.494e+05
7	60	2.993e+05	6.227e+04	-0.50	0.0	0.0	-3300.74	1429.69	109.48	-9235.70	1.160e+04	-3.611e+05
		-3.611e+05	1.160e+04	0.06	0.0	462.0	-1885.86	1429.69	109.48	-9235.70	6.227e+04	2.993e+05
7	61	2.811e+05	9.058e+04	0.49	0.0	0.0	-6104.48	-1259.34	183.47	9217.74	5909.57	2.811e+05
		-3.007e+05	5909.57	-0.07	0.0	462.0	-4689.61	-1259.34	183.47	9217.74	9.058e+04	-3.007e+05
7	75	1.802e+05	4.265e+05	-0.26	0.0	0.0	-5457.46	927.35	1732.54	-1.714e+04	-3.740e+05	-2.483e+05
		-2.483e+05	-3.740e+05	-0.55	0.0	462.0	-4042.59	927.35	1732.54	-1.714e+04	4.265e+05	1.802e+05
7	91	2.782e+05	2.220e+05	-0.45	0.0	0.0	-4100.79	1348.51	823.41	-1.428e+04	-1.585e+05	-3.449e+05
		-3.449e+05	-1.585e+05	-0.21	0.0	462.0	-2685.91	1348.51	823.41	-1.428e+04	2.220e+05	2.782e+05
7	92	2.374e+05	6.694e+04	-0.40	0.0	0.0	-3584.94	1152.07	124.34	-7695.89	9403.04	-2.949e+05
		-2.949e+05	9403.04	0.05	0.0	462.0	-2170.07	1152.07	124.34	-7695.89	6.694e+04	2.374e+05
7	93	2.148e+05	8.592e+04	0.39	0.0	0.0	-5820.28	-981.72	168.61	7677.93	8106.62	2.148e+05
		-2.387e+05	8106.62	-0.06	0.0	462.0	-4405.40	-981.72	168.61	7677.93	8.592e+04	-2.387e+05
7	107	1.449e+05	3.553e+05	-0.21	0.0	0.0	-5304.43	762.11	1409.81	-1.428e+04	-2.961e+05	-2.073e+05
		-2.073e+05	-2.961e+05	-0.44	0.0	462.0	-3889.56	762.11	1409.81	-1.428e+04	3.553e+05	1.449e+05
8	11	3.006e+05	1.674e+05	-0.34	0.0	0.0	-1.047e+04	1326.66	421.01	-1509.40	-2.707e+04	-3.123e+05
		-3.123e+05	-2.707e+04	-0.05	0.0	462.0	-8632.30	1326.66	421.01	-1509.40	1.674e+05	3.006e+05
8	23	3.123e+05	1.674e+05	0.34	0.0	0.0	-1.047e+04	-1326.66	421.01	1509.40	-2.707e+04	3.123e+05
		-3.006e+05	-2.707e+04	-0.05	0.0	462.0	-8632.30	-1326.66	421.01	1509.40	1.674e+05	-3.006e+05
8	28	0.0	3.151e+05	0.0	0.0	0.0	-1.315e+04	0.0	979.89	0.0	-1.376e+05	0.0
		0.0	-1.376e+05	-0.16	0.0	462.0	-1.131e+04	0.0	979.89	0.0	3.151e+05	0.0
8	34	0.0	3.524e+05	0.0	0.0	0.0	-1.274e+04	0.0	1182.35	0.0	-1.939e+05	0.0
		0.0	-1.939e+05	-0.24	0.0	462.0	-1.090e+04	0.0	1182.35	0.0	3.524e+05	0.0
8	45	0.0	5.793e+04	0.0	0.0	0.0	-7447.28	0.0	-14.17	0.0	5.793e+04	0.0
		0.0	5.138e+04	0.12	0.0	462.0	-6032.40	0.0	-14.17	0.0	5.138e+04	0.0
8	56	4.986e+05	6.938e+04	-0.56	0.0	0.0	-7967.66	2195.37	-34.55	-1.804e+04	6.938e+04	-5.157e+05
		-5.157e+05	5.342e+04	0.14	0.0	462.0	-6552.78	2195.37	-34.55	-1.804e+04	5.342e+04	4.986e+05
8	57	5.157e+05	2.233e+05	0.56	0.0	0.0	-8817.12	-2195.37	736.21	1.804e+04	-1.168e+05	5.157e+05
		-4.986e+05	-1.168e+05	-0.14	0.0	462.0	-7402.25	-2195.37	736.21	1.804e+04	2.233e+05	-4.986e+05
8	64	1.918e+05	2.866e+05	-0.21	0.0	0.0	-6976.62	842.68	-933.78	-9748.68	2.866e+05	-1.975e+05
		-1.975e+05	-1.448e+05	0.45	0.0	462.0	-5561.74	842.68	-933.78	-9748.68	-1.448e+05	1.918e+05
8	65	1.975e+05	4.215e+05	0.21	0.0	0.0	-9808.16	-842.68	1635.43	9748.68	-3.340e+05	1.975e+05
		-1.918e+05	-3.340e+05	-0.45	0.0	462.0	-8393.29	-842.68	1635.43	9748.68	4.215e+05	-1.918e+05
8	88	3.974e+05	7.062e+04	-0.45	0.0	0.0	-8053.71	1749.99	43.46	-1.501e+04	5.054e+04	-4.111e+05
		-4.111e+05	5.054e+04	0.11	0.0	462.0	-6638.84	1749.99	43.46	-1.501e+04	7.062e+04	3.974e+05
8	89	4.111e+05	2.061e+05	0.45	0.0	0.0	-8731.07	-1749.99	658.20	1.501e+04	-9.797e+04	4.111e+05
		-3.974e+05	-9.797e+04	-0.12	0.0	462.0	-7316.19	-1749.99	658.20	1.501e+04	2.061e+05	-3.974e+05
8	96	1.570e+05	2.238e+05	-0.17	0.0	0.0	-7263.47	689.82	-673.74	-8104.90	2.238e+05	-1.617e+05
		-1.617e+05	-8.747e+04	0.36	0.0	462.0	-5848.59	689.82	-673.74	-8104.90	-8.747e+04	1.570e+05
8	97	1.617e+05	3.642e+05	0.17	0.0	0.0	-9521.31	-689.82	1375.40	8104.90	-2.712e+05	1.617e+05
		-1.570e+05	-2.712e+05	-0.36	0.0	462.0	-8106.43	-689.82	1375.40	8104.90	3.642e+05	-1.570e+05

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
9	8	1.215e+05	1.190e+05	-0.20	0.0	0.0	-7445.12	418.53	210.47	1812.98	2.180e+04	-7.188e+04
		-7.188e+04	2.180e+04	-0.04	0.0	462.0	-5605.78	418.53	210.47	1812.98	1.190e+05	1.215e+05
9	24	2.775e+05	1.307e+05	0.34	0.0	0.0	-5876.14	-1043.96	316.32	-5797.19	-1.542e+04	2.775e+05
		-2.048e+05	-1.542e+04	-0.04	0.0	462.0	-4036.80	-1043.96	316.32	-5797.19	1.307e+05	-2.048e+05
9	25	2.575e+05	8.106e+04	0.34	0.0	0.0	-3638.19	-996.54	206.14	-5803.30	-1.417e+04	2.575e+05
		-2.029e+05	-1.417e+04	-0.02	0.0	462.0	-2223.32	-996.54	206.14	-5803.30	8.106e+04	-2.029e+05
9	34	7.342e+04	2.533e+05	-0.02	0.0	0.0	-7175.96	-179.76	847.30	-107.02	-1.382e+05	7.342e+04
		-9634.95	-1.382e+05	-0.22	0.0	462.0	-5336.62	-179.76	847.30	-107.02	2.533e+05	-9634.95
9	36	6.051e+04	2.279e+05	-0.02	0.0	0.0	-5688.24	-151.56	797.65	-110.03	-1.406e+05	6.051e+04
		-9510.08	-1.406e+05	-0.22	0.0	462.0	-4273.37	-151.56	797.65	-110.03	2.279e+05	-9510.08
9	55	3.007e+05	9.058e+04	-0.49	0.0	0.0	-6104.48	1259.34	183.47	-9217.74	5909.57	-2.811e+05
		-2.811e+05	5909.57	-0.07	0.0	462.0	-4689.61	1259.34	183.47	-9217.74	9.058e+04	3.007e+05
9	57	4.228e+05	2.573e+05	0.56	0.0	0.0	-3947.75	-1671.24	988.65	1.714e+04	-1.996e+05	4.228e+05
		-3.494e+05	-1.996e+05	-0.25	0.0	462.0	-2532.88	-1671.24	988.65	1.714e+04	2.573e+05	-3.494e+05
9	58	3.611e+05	6.227e+04	0.50	0.0	0.0	-3300.74	-1429.69	109.48	9235.70	1.160e+04	3.611e+05
		-2.993e+05	1.160e+04	0.06	0.0	462.0	-1885.86	-1429.69	109.48	9235.70	6.227e+04	-2.993e+05
9	69	2.483e+05	4.265e+05	0.26	0.0	0.0	-5457.46	-927.35	1732.54	1.714e+04	-3.740e+05	2.483e+05
		-1.802e+05	-3.740e+05	-0.55	0.0	462.0	-4042.59	-927.35	1732.54	1.714e+04	4.265e+05	-1.802e+05
9	87	2.387e+05	8.592e+04	-0.39	0.0	0.0	-5820.28	981.72	168.61	-7677.93	8106.62	-2.148e+05
		-2.148e+05	8106.62	-0.06	0.0	462.0	-4405.40	981.72	168.61	-7677.93	8.592e+04	2.387e+05
9	89	3.449e+05	2.220e+05	0.45	0.0	0.0	-4100.79	-1348.51	823.41	1.428e+04	-1.585e+05	3.449e+05
		-2.782e+05	-1.585e+05	-0.21	0.0	462.0	-2685.91	-1348.51	823.41	1.428e+04	2.220e+05	-2.782e+05
9	90	2.949e+05	6.694e+04	0.40	0.0	0.0	-3584.94	-1152.07	124.34	7695.89	9403.04	2.949e+05
		-2.374e+05	9403.04	0.05	0.0	462.0	-2170.07	-1152.07	124.34	7695.89	6.694e+04	-2.374e+05
9	101	2.073e+05	3.553e+05	0.21	0.0	0.0	-5304.43	-762.11	1409.81	1.428e+04	-2.961e+05	2.073e+05
		-1.449e+05	-2.961e+05	-0.44	0.0	462.0	-3889.56	-762.11	1409.81	1.428e+04	3.553e+05	-1.449e+05
Pilas.		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-5.157e+05	-5.157e+05	-0.56	0.0		-2.639e+04	-2195.37	-2195.37	-1.822e+04		
		5.157e+05	5.157e+05	0.56	0.0		-1885.86	2195.37	2195.37	1.822e+04		

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
10	12	2.071e+05	4.916e+04	-0.03	-1888.25	0.0	-78.88	-157.04	-152.17	2.361e+04	4.916e+04	2.071e+05
		-2.499e+05	-1.399e+04	-9.12e-03	0.0	415.0	-78.88	-2045.29	-152.17	2.361e+04	-1.399e+04	-2.499e+05
10	13	2.040e+05	4.915e+04	-0.03	-1452.50	0.0	-92.52	-311.02	-152.13	1.314e+04	4.915e+04	2.040e+05
		-2.265e+05	-1.398e+04	-9.12e-03	0.0	415.0	-92.52	-1763.52	-152.13	1.314e+04	-1.398e+04	-2.265e+05
10	25	7.306e+04	1118.19	0.02	-1452.50	0.0	2.45	1391.55	57.92	1.392e+04	-2.292e+04	-2.036e+05
		-2.036e+05	-2.292e+04	5.40e-03	0.0	415.0	2.45	-60.95	57.92	1.392e+04	1118.19	7.253e+04
10	34	5.838e+04	2082.69	-0.01	-1888.25	0.0	86.04	646.37	-7.37	2.437e+04	2082.69	1.282e+04
		-1.108e+05	-976.70	-3.29e-04	0.0	415.0	86.04	-1241.88	-7.37	2.437e+04	-976.70	-1.108e+05
10	59	3.421e+05	8608.27	-0.04	-1452.50	0.0	86.28	-890.55	-36.79	2.553e+04	8608.27	3.421e+05
		-3.289e+05	-6661.18	0.14	0.0	415.0	86.28	-2343.05	-36.79	2.553e+04	-6661.18	-3.289e+05
10	62	1.746e+05	6632.25	0.02	-1452.50	0.0	-40.80	1965.35	36.64	5531.62	-8574.31	-3.396e+05
		-3.396e+05	-8574.31	-0.14	0.0	415.0	-40.80	512.85	36.64	5531.62	6632.25	1.746e+05
10	63	1.177e+05	6938.17	-0.02	-1452.50	0.0	97.14	61.77	38.38	5331.26	-8988.11	1.172e+05
		-1.589e+05	-8988.11	-0.11	0.0	415.0	97.14	-1390.73	38.38	5331.26	6938.17	-1.589e+05
10	66	3.206e+04	9022.06	-5.90e-03	-1452.50	0.0	-51.66	1013.03	-38.53	2.573e+04	9022.06	-1.147e+05
		-1.147e+05	-6967.10	0.11	0.0	415.0	-51.66	-439.47	-38.53	2.573e+04	-6967.10	4592.49
10	75	1.726e+05	8561.32	-0.02	-1452.50	0.0	122.33	-192.33	-36.49	2.596e+04	8561.32	1.726e+05
		-2.087e+05	-6582.87	0.12	0.0	415.0	122.33	-1644.83	-36.49	2.596e+04	-6582.87	-2.087e+05
10	78	5.928e+04	6553.94	-7.39e-03	-1452.50	0.0	-76.85	1267.13	36.34	5101.31	-8527.37	-1.701e+05
		-1.701e+05	-8527.37	-0.12	0.0	415.0	-76.85	-185.37	36.34	5101.31	6553.94	5.438e+04
10	91	2.727e+05	7171.48	-0.03	-1452.50	0.0	73.31	-599.78	-30.65	2.387e+04	7171.48	2.727e+05
		-2.776e+05	-5547.18	0.11	0.0	415.0	73.31	-2052.28	-30.65	2.387e+04	-5547.18	-2.776e+05
10	95	1.000e+05	5742.55	-0.02	-1452.50	0.0	82.95	141.67	31.77	7043.84	-7442.48	9.741e+04
		-1.454e+05	-7442.48	-0.09	0.0	415.0	82.95	-1310.83	31.77	7043.84	5742.55	-1.454e+05
10	98	2.952e+04	7476.44	-5.83e-03	-1452.50	0.0	-37.47	933.12	-31.92	2.402e+04	7476.44	-9.493e+04
		-9.493e+04	-5771.48	0.09	0.0	415.0	-37.47	-519.38	-31.92	2.402e+04	-5771.48	-8842.02
10	107	1.390e+05	7138.44	-0.02	-1452.50	0.0	102.03	-48.58	-30.43	2.419e+04	7138.44	1.390e+05
		-1.826e+05	-5491.47	0.10	0.0	415.0	102.03	-1501.08	-30.43	2.419e+04	-5491.47	-1.826e+05
10	110	4.364e+04	5462.54	-6.60e-03	-1452.50	0.0	-56.56	1123.37	30.28	6874.13	-7104.48	-1.365e+05
		-1.365e+05	-7104.48	-0.10	0.0	415.0	-56.56	-329.13	30.28	6874.13	5462.54	2.835e+04
11	13	7.306e+04	1118.19	-0.02	-1452.50	0.0	2.45	60.95	-57.92	-1.392e+04	1118.19	7.253e+04
		-2.036e+05	-2.292e+04	5.34e-03	0.0	415.0	2.45	-1391.55	-57.92	-1.392e+04	-2.292e+04	-2.036e+05
11	24	2.071e+05	4.916e+04	0.02	-1888.25	0.0	-78.88	2045.29	152.17	-2.361e+04	-1.399e+04	-2.499e+05
		-2.499e+05	-1.399e+04	-9.00e-03	0.0	415.0	-78.88	157.04	152.17	-2.361e+04	4.916e+04	2.071e+05
11	25	2.040e+05	4.915e+04	0.02	-1452.50	0.0	-92.52	1763.52	152.13	-1.314e+04	-1.398e+04	-2.265e+05
		-2.265e+05	-1.398e+04	-9.00e-03	0.0	415.0	-92.52	311.02	152.13	-1.314e+04	4.915e+04	2.040e+05
11	34	5.838e+04	2082.69	-0.02	-1888.25	0.0	86.04	1241.88	7.37	-2.437e+04	-976.70	-1.108e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-1.108e+05	-976.70	-2.66e-04	0.0	415.0	86.04	-646.37	7.37	-2.437e+04	2082.69	1.282e+04
11	56	1.746e+05	6632.25	-0.02	-1452.50	0.0	-40.80	-512.85	-36.64	-5531.62	6632.25	1.746e+05
		-3.396e+05	-8574.31	0.14	0.0	415.0	-40.80	-1965.35	-36.64	-5531.62	-8574.31	-3.396e+05
11	57	3.421e+05	8608.27	-0.02	-1452.50	0.0	86.28	2343.05	36.79	-2.553e+04	-6661.18	-3.289e+05
		-3.289e+05	-6661.18	-0.14	0.0	415.0	86.28	890.55	36.79	-2.553e+04	8608.27	3.421e+05
11	68	5.928e+04	6553.94	6.61e-03	-1452.50	0.0	-76.85	185.37	-36.34	-5101.31	6553.94	5.438e+04
		-1.701e+05	-8527.37	0.12	0.0	415.0	-76.85	-1267.13	-36.34	-5101.31	-8527.37	-1.701e+05
11	69	1.726e+05	8561.32	-0.03	-1452.50	0.0	122.33	1644.83	36.49	-2.596e+04	-6582.87	-2.087e+05
		-2.087e+05	-6582.87	-0.12	0.0	415.0	122.33	192.33	36.49	-2.596e+04	8561.32	1.726e+05
11	72	3.206e+04	9022.06	-3.92e-03	-1452.50	0.0	-51.66	439.47	38.53	-2.573e+04	-6967.10	4592.49
		-1.147e+05	-6967.10	-0.11	0.0	415.0	-51.66	-1013.03	38.53	-2.573e+04	9022.06	-1.147e+05
11	73	1.177e+05	6938.17	-0.02	-1452.50	0.0	97.14	1390.73	-38.38	-5331.26	6938.17	-1.589e+05
		-1.589e+05	-8988.11	0.11	0.0	415.0	97.14	-61.77	-38.38	-5331.26	-8988.11	1.172e+05
11	89	2.727e+05	7171.48	-0.02	-1452.50	0.0	73.31	2052.28	30.65	-2.387e+04	-5547.18	-2.776e+05
		-2.776e+05	-5547.18	-0.11	0.0	415.0	73.31	599.78	30.65	-2.387e+04	7171.48	2.727e+05
11	100	4.364e+04	5462.54	-5.35e-03	-1452.50	0.0	-56.56	329.13	-30.28	-6874.13	5462.54	2.835e+04
		-1.365e+05	-7104.48	0.10	0.0	415.0	-56.56	-1123.37	-30.28	-6874.13	-7104.48	-1.365e+05
11	101	1.390e+05	7138.44	-0.02	-1452.50	0.0	102.03	1501.08	30.43	-2.419e+04	-5491.47	-1.826e+05
		-1.826e+05	-5491.47	-0.10	0.0	415.0	102.03	48.58	30.43	-2.419e+04	7138.44	1.390e+05
11	104	2.952e+04	7476.44	-4.58e-03	-1452.50	0.0	-37.47	519.38	31.92	-2.402e+04	-5771.48	-8842.02
		-9.493e+04	-5771.48	-0.09	0.0	415.0	-37.47	-933.12	31.92	-2.402e+04	7476.44	-9.493e+04
11	105	1.000e+05	5742.55	-0.02	-1452.50	0.0	82.95	1310.83	-31.77	-7043.84	5742.55	-1.454e+05
		-1.454e+05	-7442.48	0.09	0.0	415.0	82.95	-141.67	-31.77	-7043.84	-7442.48	9.741e+04
12	13	1.982e+05	0.0	-0.03	-1452.50	0.0	-263.30	-261.85	0.0	0.0	0.0	1.982e+05
		-2.119e+05	0.0	0.0	0.0	415.0	-263.30	-1714.35	0.0	0.0	0.0	-2.119e+05
12	24	8.805e+04	0.0	-0.02	-1888.25	0.0	64.26	1700.71	0.0	0.0	0.0	-2.295e+05
		-2.295e+05	0.0	0.0	0.0	415.0	64.26	-187.54	0.0	0.0	0.0	8.444e+04
12	33	5.423e+04	4538.00	-0.02	-1888.25	0.0	93.68	804.13	32.77	1065.32	-9060.02	-1.678e+04
		-7.488e+04	-9060.02	1.25e-03	0.0	415.0	93.68	-1084.12	32.77	1065.32	4538.00	-7.488e+04
12	34	5.592e+04	4538.00	-0.02	-1888.25	0.0	98.16	819.36	32.77	1065.32	-9060.02	-1.785e+04
		-6.963e+04	-9060.02	1.25e-03	0.0	415.0	98.16	-1068.89	32.77	1065.32	4538.00	-6.963e+04
12	51	2.705e+05	2445.27	-0.04	-1452.50	0.0	25.81	-558.89	11.92	-1620.70	-2499.92	2.705e+05
		-2.629e+05	-2499.92	-0.09	0.0	415.0	25.81	-2011.39	11.92	-1620.70	2445.27	-2.629e+05
12	52	2.705e+05	4501.34	-0.04	-1452.50	0.0	25.81	-558.89	22.03	-4401.27	-4641.27	2.705e+05
		-2.629e+05	-4641.27	-0.14	0.0	415.0	25.81	-2011.39	22.03	-4401.27	4501.34	-2.629e+05
12	53	1.504e+05	4641.27	0.01	-1452.50	0.0	1.75	1804.40	-22.03	4401.27	4641.27	-2.971e+05
		-2.971e+05	-4501.34	0.14	0.0	415.0	1.75	351.90	-22.03	4401.27	-4501.34	1.504e+05
12	54	1.504e+05	2499.92	0.01	-1452.50	0.0	1.75	1804.40	-11.92	1620.70	2499.92	-2.971e+05
		-2.971e+05	-2445.27	0.09	0.0	415.0	1.75	351.90	-11.92	1620.70	-2445.27	1.504e+05
12	63	8.210e+04	4689.91	-0.02	-1452.50	0.0	17.39	268.26	22.84	1092.32	-4789.03	7.182e+04
		-1.182e+05	-4789.03	-0.11	0.0	415.0	17.39	-1184.24	22.84	1092.32	4689.91	-1.182e+05
12	66	3.793e+04	4789.03	-0.01	-1452.50	0.0	10.17	977.25	-22.84	-1092.32	4789.03	-9.844e+04
		-9.844e+04	-4689.91	0.11	0.0	415.0	10.17	-475.25	-22.84	-1092.32	-4689.91	5724.17
12	83	2.130e+05	2032.31	-0.04	-1452.50	0.0	23.37	-319.70	9.91	-1381.80	-2079.50	2.130e+05
		-2.211e+05	-2079.50	-0.07	0.0	415.0	23.37	-1772.20	9.91	-1381.80	2032.31	-2.211e+05
12	84	2.130e+05	3746.50	-0.04	-1452.50	0.0	23.37	-319.70	18.33	-3622.65	-3861.95	2.130e+05
		-2.211e+05	-3861.95	-0.11	0.0	415.0	23.37	-1772.20	18.33	-3622.65	3746.50	-2.211e+05
12	85	1.085e+05	3861.95	9.43e-03	-1452.50	0.0	4.19	1565.20	-18.33	3622.65	3861.95	-2.396e+05
		-2.396e+05	-3746.50	0.11	0.0	415.0	4.19	112.70	-18.33	3622.65	-3746.50	1.085e+05
12	86	1.085e+05	2079.50	9.43e-03	-1452.50	0.0	4.19	1565.20	-9.91	1381.80	2079.50	-2.396e+05
		-2.396e+05	-2032.31	0.07	0.0	415.0	4.19	112.70	-9.91	1381.80	-2032.31	1.085e+05
12	95	7.103e+04	3883.17	-0.02	-1452.50	0.0	16.66	340.02	18.92	1047.63	-3968.92	5.459e+04
		-1.057e+05	-3968.92	-0.09	0.0	415.0	16.66	-1112.48	18.92	1047.63	3883.17	-1.057e+05
12	98	3.592e+04	3968.92	-0.01	-1452.50	0.0	10.90	905.49	-18.92	-1047.63	3968.92	-8.121e+04
		-8.121e+04	-3883.17	0.09	0.0	415.0	10.90	-547.01	-18.92	-1047.63	-3883.17	-6823.29
13	12	8.805e+04	0.0	0.01	-1888.25	0.0	64.26	187.54	0.0	0.0	0.0	8.444e+04
		-2.295e+05	0.0	0.0	0.0	415.0	64.26	-1700.71	0.0	0.0	0.0	-2.295e+05
13	25	1.982e+05	0.0	0.02	-1452.50	0.0	-263.30	1714.35	0.0	0.0	0.0	-2.119e+05
		-2.119e+05	0.0	0.0	0.0	415.0	-263.30	261.85	0.0	0.0	0.0	1.982e+05
13	33	5.423e+04	4538.00	0.01	-1888.25	0.0	93.68	1084.12	-32.77	-1065.32	4538.00	-7.488e+04
		-7.488e+04	-9060.02	1.35e-03	0.0	415.0	93.68	-804.13	-32.77	-1065.32	-9060.02	-1.678e+04
13	34	5.592e+04	4538.00	0.02	-1888.25	0.0	98.16	1068.89	-32.77	-1065.32	4538.00	-6.963e+04
		-6.963e+04	-9060.02	1.35e-03	0.0	415.0	98.16	-819.36	-32.77	-1065.32	-9060.02	-1.785e+04
13	48	1.504e+05	2499.92	0.01	-1452.50	0.0	1.75	-351.90	11.92	-1620.70	-2445.27	1.504e+05
		-2.971e+05	-2445.27	-0.09	0.0	415.0	1.75	-1804.40	11.92	-1620.70	2499.92	-2.971e+05
13	49	2.705e+05	2445.27	0.03	-1452.50	0.0	25.81	2011.39	-11.92	1620.70	2445.27	-2.629e+05
		-2.629e+05	-2499.92	0.09	0.0	415.0	25.81	558.89	-11.92	1620.70	-2499.92	2.705e+05
13	52	1.504e+05	4685.95	0.01	-1452.50	0.0	1.75	-351.90	22.30	-2412.30	-4567.68	1.504e+05
		-2.971e+05	-4567.68	-0.14	0.0	415.0	1.75	-1804.40	22.30	-2412.30	4685.95	-2.971e+05
13	53	2.705e+05	4567.68	0.03	-1452.50	0.0	25.81	2011.39	-22.30	2412.30	4567.68	-2.629e+05
		-2.629e+05	-4685.95	0.14	0.0	415.0	25.81	558.89	-22.30	2412.30	-4685.95	2.705e+05
13	72	3.793e+04	4789.03	7.92e-03	-1452.50	0.0	10.17	475.25	22.84	1092.32	-4689.91	5724.17
		-9.844e+04	-4689.91	-0.11	0.0	415.0	10.17	-977.25	22.84	1092.32	4789.03	-9.844e+04

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
13	73	8.210e+04	4689.91	0.02	-1452.50	0.0	17.39	1184.24	-22.84	-1092.32	4689.91	-1.182e+05
		-1.182e+05	-4789.03	0.11	0.0	415.0	17.39	-268.26	-22.84	-1092.32	-4789.03	7.182e+04
13	80	1.085e+05	2079.50	0.01	-1452.50	0.0	4.19	-112.70	9.91	-1381.80	-2032.31	1.085e+05
		-2.396e+05	-2032.31	-0.07	0.0	415.0	4.19	-1565.20	9.91	-1381.80	2079.50	-2.396e+05
13	81	2.130e+05	2032.31	0.02	-1452.50	0.0	23.37	1772.20	-9.91	1381.80	2032.31	-2.211e+05
		-2.211e+05	-2079.50	0.07	0.0	415.0	23.37	319.70	-9.91	1381.80	-2079.50	2.130e+05
13	84	1.085e+05	3894.04	0.01	-1452.50	0.0	4.19	-112.70	18.53	-1962.74	-3794.31	1.085e+05
		-2.396e+05	-3794.31	-0.11	0.0	415.0	4.19	-1565.20	18.53	-1962.74	3894.04	-2.396e+05
13	85	2.130e+05	3794.31	0.02	-1452.50	0.0	23.37	1772.20	-18.53	1962.74	3794.31	-2.211e+05
		-2.211e+05	-3894.04	0.11	0.0	415.0	23.37	319.70	-18.53	1962.74	-3894.04	2.130e+05
13	104	3.592e+04	3968.92	8.56e-03	-1452.50	0.0	10.90	547.01	18.92	1047.63	-3883.17	-6823.29
		-8.121e+04	-3883.17	-0.09	0.0	415.0	10.90	-905.49	18.92	1047.63	3968.92	-8.121e+04
13	105	7.103e+04	3883.17	0.02	-1452.50	0.0	16.66	1112.48	-18.92	-1047.63	3883.17	-1.057e+05
		-1.057e+05	-3968.92	0.09	0.0	415.0	16.66	-340.02	-18.92	-1047.63	-3968.92	5.459e+04
14	12	2.071e+05	1.399e+04	-0.03	-1888.25	0.0	-78.88	-157.04	152.17	-2.361e+04	-4.916e+04	2.071e+05
		-2.499e+05	-4.916e+04	9.12e-03	0.0	415.0	-78.88	-2045.29	152.17	-2.361e+04	1.399e+04	-2.499e+05
14	13	2.040e+05	1.398e+04	-0.03	-1452.50	0.0	-92.52	-311.02	152.13	-1.314e+04	-4.915e+04	2.040e+05
		-2.265e+05	-4.915e+04	9.12e-03	0.0	415.0	-92.52	-1763.52	152.13	-1.314e+04	1.398e+04	-2.265e+05
14	35	3.989e+04	7.159e+04	-0.01	-1452.50	0.0	-54.31	587.80	1401.01	-1.308e+04	-5.599e+04	-9205.29
		-6.666e+04	-1.370e+05	-0.02	-3192.30	415.0	-54.31	-864.70	-1791.30	-1.308e+04	-1.370e+05	-6.666e+04
14	44	5.730e+04	6.852e+04	-0.01	-1888.25	0.0	71.35	670.11	-700.36	-2.422e+04	2.796e+04	8112.04
		-1.056e+05	-3.580e+04	0.01	1596.15	415.0	71.35	-1218.14	895.79	-2.422e+04	6.852e+04	-1.056e+05
14	52	3.421e+05	6661.18	-0.04	-1452.50	0.0	86.28	-890.55	36.79	-2.553e+04	-8608.27	3.421e+05
		-3.289e+05	-8608.27	-0.14	0.0	415.0	86.28	-2343.05	36.79	-2.553e+04	6661.18	-3.289e+05
14	53	1.746e+05	8574.31	0.02	-1452.50	0.0	-40.80	1965.35	-36.64	-5531.62	8574.31	-3.396e+05
		-3.396e+05	-6632.25	0.14	0.0	415.0	-40.80	512.85	-36.64	-5531.62	-6632.25	1.746e+05
14	68	1.177e+05	8988.11	-0.02	-1452.50	0.0	97.14	61.77	-38.38	-5331.26	8988.11	1.172e+05
		-1.589e+05	-6938.17	0.11	0.0	415.0	97.14	-1390.73	-38.38	-5331.26	-6938.17	-1.589e+05
14	69	3.206e+04	6967.10	-5.90e-03	-1452.50	0.0	-51.66	1013.03	38.53	-2.573e+04	-9022.06	-1.147e+05
		-1.147e+05	-9022.06	-0.11	0.0	415.0	-51.66	-439.47	38.53	-2.573e+04	6967.10	4592.49
14	72	1.726e+05	6582.87	-0.02	-1452.50	0.0	122.33	-192.33	36.49	-2.596e+04	-8561.32	1.726e+05
		-2.087e+05	-8561.32	-0.12	0.0	415.0	122.33	-1644.83	36.49	-2.596e+04	6582.87	-2.087e+05
14	73	5.928e+04	8527.37	-7.39e-03	-1452.50	0.0	-76.85	1267.13	-36.34	-5101.31	8527.37	-1.701e+05
		-1.701e+05	-6553.94	0.12	0.0	415.0	-76.85	-185.37	-36.34	-5101.31	-6553.94	5.438e+04
14	84	2.727e+05	5547.18	-0.03	-1452.50	0.0	73.31	-599.78	30.65	-2.387e+04	-7171.48	2.727e+05
		-2.776e+05	-7171.48	-0.11	0.0	415.0	73.31	-2052.28	30.65	-2.387e+04	5547.18	-2.776e+05
14	100	1.000e+05	7442.48	-0.02	-1452.50	0.0	82.95	141.67	-31.77	-7043.84	7442.48	9.741e+04
		-1.454e+05	-5742.55	0.09	0.0	415.0	82.95	-1310.83	-31.77	-7043.84	-5742.55	-1.454e+05
14	101	2.952e+04	5771.48	-5.83e-03	-1452.50	0.0	-37.47	933.12	31.92	-2.402e+04	-7476.44	-9.493e+04
		-9.493e+04	-7476.44	-0.09	0.0	415.0	-37.47	-519.38	31.92	-2.402e+04	5771.48	-8842.02
14	104	1.390e+05	5491.47	-0.02	-1452.50	0.0	102.03	-48.58	30.43	-2.419e+04	-7138.44	1.390e+05
		-1.826e+05	-7138.44	-0.10	0.0	415.0	102.03	-1501.08	30.43	-2.419e+04	5491.47	-1.826e+05
14	105	4.364e+04	7104.48	-6.60e-03	-1452.50	0.0	-56.56	1123.37	-30.28	-6874.13	7104.48	-1.365e+05
		-1.365e+05	-5462.54	0.10	0.0	415.0	-56.56	-329.13	-30.28	-6874.13	-5462.54	2.835e+04
15	24	2.071e+05	1.399e+04	0.02	-1888.25	0.0	-78.88	2045.29	-152.17	2.361e+04	1.399e+04	-2.499e+05
		-2.499e+05	-4.916e+04	9.00e-03	0.0	415.0	-78.88	157.04	-152.17	2.361e+04	-4.916e+04	2.071e+05
15	25	2.040e+05	1.398e+04	0.02	-1452.50	0.0	-92.52	1763.52	-152.13	1.314e+04	1.398e+04	-2.265e+05
		-2.265e+05	-4.915e+04	9.00e-03	0.0	415.0	-92.52	311.02	-152.13	1.314e+04	-4.915e+04	2.040e+05
15	35	3.989e+04	7.159e+04	-7.67e-03	-1452.50	0.0	-54.31	864.70	1791.30	1.308e+04	-1.370e+05	-6.666e+04
		-6.666e+04	-1.370e+05	-0.02	-3192.30	415.0	-54.31	-587.80	-1401.01	1.308e+04	-5.599e+04	-9205.29
15	44	5.730e+04	6.852e+04	-0.02	-1888.25	0.0	71.35	1218.14	-895.79	2.422e+04	6.852e+04	-1.056e+05
		-1.056e+05	-3.580e+04	0.01	1596.15	415.0	71.35	-670.11	700.36	2.422e+04	2.796e+04	8112.04
15	47	1.746e+05	8574.31	-0.02	-1452.50	0.0	-40.80	-512.85	36.64	5531.62	-6632.25	1.746e+05
		-3.396e+05	-6632.25	-0.14	0.0	415.0	-40.80	-1965.35	36.64	5531.62	8574.31	-3.396e+05
15	50	3.421e+05	6661.18	-0.02	-1452.50	0.0	86.28	2343.05	-36.79	2.553e+04	6661.18	-3.289e+05
		-3.289e+05	-8608.27	0.14	0.0	415.0	86.28	890.55	-36.79	2.553e+04	-8608.27	3.421e+05
15	63	5.928e+04	8527.37	6.61e-03	-1452.50	0.0	-76.85	185.37	36.34	5101.31	-6553.94	5.438e+04
		-1.701e+05	-6553.94	-0.12	0.0	415.0	-76.85	-1267.13	36.34	5101.31	8527.37	-1.701e+05
15	66	1.726e+05	6582.87	-0.03	-1452.50	0.0	122.33	1644.83	-36.49	2.596e+04	6582.87	-2.087e+05
		-2.087e+05	-8561.32	0.12	0.0	415.0	122.33	192.33	-36.49	2.596e+04	-8561.32	1.726e+05
15	75	3.206e+04	6967.10	-3.92e-03	-1452.50	0.0	-51.66	439.47	-38.53	2.573e+04	6967.10	4592.49
		-1.147e+05	-9022.06	0.11	0.0	415.0	-51.66	-1013.03	-38.53	2.573e+04	-9022.06	-1.147e+05
15	78	1.177e+05	8988.11	-0.02	-1452.50	0.0	97.14	1390.73	38.38	5331.26	-6938.17	-1.589e+05
		-1.589e+05	-6938.17	-0.11	0.0	415.0	97.14	-61.77	38.38	5331.26	8988.11	1.172e+05
15	82	2.727e+05	5547.18	-0.02	-1452.50	0.0	73.31	2052.28	-30.65	2.387e+04	5547.18	-2.776e+05
		-2.776e+05	-7171.48	0.11	0.0	415.0	73.31	599.78	-30.65	2.387e+04	-7171.48	2.727e+05
15	95	4.364e+04	7104.48	-5.35e-03	-1452.50	0.0	-56.56	329.13	30.28	6874.13	-5462.54	2.835e+04
		-1.365e+05	-5462.54	-0.10	0.0	415.0	-56.56	-1123.37	30.28	6874.13	7104.48	-1.365e+05
15	98	1.390e+05	5491.47	-0.02	-1452.50	0.0	102.03	1501.08	-30.43	2.419e+04	5491.47	-1.826e+05
		-1.826e+05	-7138.44	0.10	0.0	415.0	102.03	48.58	-30.43	2.419e+04	-7138.44	1.390e+05
15	107	2.952e+04	5771.48	-4.58e-03	-1452.50	0.0	-37.47	519.38	-31.92	2.402e+04	5771.48	-8842.02
		-9.493e+04	-7476.44	0.09	0.0	415.0	-37.47	-933.12	-31.92	2.402e+04	-7476.44	-9.493e+04
15	110	1.000e+05	7442.48	-0.02	-1452.50	0.0	82.95	1310.83	31.77	7043.84	-5742.55	-1.454e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-1.454e+05	-5742.55	-0.09	0.0	415.0	82.95	-141.67	31.77	7043.84	7442.48	9.741e+04
16	12	2.561e+05	1.375e+05	-0.07	-1.003e+04	0.0	-154.64	4193.84	-1397.37	2279.88	5.496e+04	-1.071e+05
		-4.470e+05	-7.196e+04	0.02	3192.30	415.0	-154.64	-5832.04	1794.94	2279.88	1.375e+05	-4.470e+05
16	13	1.533e+05	1.375e+05	-0.04	-6016.46	0.0	-129.66	2534.34	-1397.35	1071.39	5.496e+04	-6.792e+04
		-2.646e+05	-7.196e+04	0.02	3192.30	415.0	-129.66	-3482.13	1794.96	1071.39	1.375e+05	-2.646e+05
16	25	1.571e+05	3.654e+04	-0.03	-6016.46	0.0	60.40	2391.22	693.16	2307.60	-2.592e+04	-3.950e+04
		-2.956e+05	-6.946e+04	-0.01	-1596.15	415.0	60.40	-3625.25	-902.99	2307.60	-6.946e+04	-2.956e+05
16	28	3.042e+05	3.015e+04	-0.08	-1.080e+04	0.0	-157.21	4106.04	-98.51	3014.44	3.015e+04	-1.964e+04
		-5.568e+05	-1.074e+04	-5.15e-03	0.0	415.0	-157.21	-6694.86	-98.51	3014.44	-1.074e+04	-5.568e+05
16	34	3.035e+05	5.024e+04	-0.08	-1.003e+04	0.0	-216.42	3555.21	-164.15	2661.94	5.024e+04	4.281e+04
		-5.622e+05	-1.788e+04	-8.59e-03	0.0	415.0	-216.42	-6470.67	-164.15	2661.94	-1.788e+04	-5.622e+05
16	52	1.420e+05	6557.89	-0.04	-6705.36	0.0	-133.63	3480.07	36.37	-8505.30	-8536.34	-2.323e+05
		-2.323e+05	-8536.34	-0.12	0.0	415.0	-133.63	-3225.30	36.37	-8505.30	6557.89	-1.794e+05
16	53	2.366e+05	8552.35	-0.05	-6705.36	0.0	65.55	2020.61	-36.46	1.235e+04	8552.35	1.105e+05
		-4.424e+05	-6578.92	0.12	0.0	415.0	65.55	-4684.75	-36.46	1.235e+04	-6578.92	-4.424e+05
16	56	1.448e+05	9013.09	-0.04	-6705.36	0.0	-108.44	3225.97	-38.50	1.212e+04	9013.09	-1.768e+05
		-2.291e+05	-6963.15	0.11	0.0	415.0	-108.44	-3479.39	-38.50	1.212e+04	-6963.15	-2.291e+05
16	57	2.141e+05	6942.12	-0.05	-6705.36	0.0	40.36	2274.71	38.41	-8275.35	-8997.08	5.506e+04
		-3.926e+05	-8997.08	-0.11	0.0	415.0	40.36	-4430.66	38.41	-8275.35	6942.12	-3.926e+05
16	73	3.340e+05	8599.29	-0.07	-6705.36	0.0	29.50	1322.39	-36.76	1.192e+04	8599.29	2.800e+05
		-5.626e+05	-6657.23	0.14	0.0	415.0	29.50	-5382.98	-36.76	1.192e+04	-6657.23	-5.626e+05
16	84	1.458e+05	5466.49	-0.04	-6705.36	0.0	-113.33	3336.31	30.31	-6732.48	-7113.46	-1.986e+05
		-2.054e+05	-7113.46	-0.10	0.0	415.0	-113.33	-3369.05	30.31	-6732.48	5466.49	-2.054e+05
16	85	2.217e+05	7129.46	-0.05	-6705.36	0.0	45.26	2164.36	-30.40	1.058e+04	7129.46	7.685e+04
		-4.164e+05	-5487.52	0.10	0.0	415.0	45.26	-4541.00	-30.40	1.058e+04	-5487.52	-4.164e+05
16	88	1.480e+05	7467.46	-0.04	-6705.36	0.0	-94.25	3146.06	-31.89	1.041e+04	7467.46	-1.571e+05
		-2.426e+05	-5767.53	0.09	0.0	415.0	-94.25	-3559.30	-31.89	1.041e+04	-5767.53	-2.426e+05
16	89	2.060e+05	5746.50	-0.05	-6705.36	0.0	26.17	2354.61	31.80	-6562.77	-7451.46	3.527e+04
		-3.792e+05	-7451.46	-0.09	0.0	415.0	26.17	-4350.75	31.80	-6562.77	5746.50	-3.792e+05
16	105	2.910e+05	7162.50	-0.07	-6705.36	0.0	16.53	1613.16	-30.62	1.026e+04	7162.50	2.106e+05
		-5.113e+05	-5543.23	0.11	0.0	415.0	16.53	-5092.21	-30.62	1.026e+04	-5543.23	-5.113e+05
17	12	2.561e+05	1.375e+05	-0.05	-1.003e+04	0.0	-154.64	5832.04	-1794.94	-2279.88	1.375e+05	-4.470e+05
		-4.470e+05	-7.196e+04	0.02	3192.30	415.0	-154.64	-4193.84	1397.37	-2279.88	5.496e+04	-1.071e+05
17	13	1.533e+05	1.375e+05	-0.03	-6016.46	0.0	-129.66	3482.13	-1794.96	-1071.39	1.375e+05	-2.646e+05
		-2.646e+05	-7.196e+04	0.02	3192.30	415.0	-129.66	-2534.34	1397.35	-1071.39	5.496e+04	-6.792e+04
17	25	1.571e+05	3.654e+04	-0.04	-6016.46	0.0	60.40	3625.25	902.99	-2307.60	-6.946e+04	-2.956e+05
		-2.956e+05	-6.946e+04	-0.01	-1596.15	415.0	60.40	-2391.22	-693.16	-2307.60	-2.592e+04	-3.950e+04
17	38	2.900e+05	2325.60	-0.06	-1.080e+04	0.0	-29.98	6525.04	-7.15	-3087.48	2325.60	-5.270e+05
		-5.270e+05	-642.63	-4.41e-04	0.0	415.0	-29.98	-4275.86	-7.15	-3087.48	-642.63	-6.026e+04
17	47	1.448e+05	9013.09	-0.03	-6705.36	0.0	-108.44	3479.39	38.50	-1.212e+04	-6963.15	-2.291e+05
		-2.291e+05	-6963.15	-0.11	0.0	415.0	-108.44	-3225.97	38.50	-1.212e+04	9013.09	-1.768e+05
17	50	2.141e+05	6942.12	-0.05	-6705.36	0.0	40.36	4430.66	-38.41	8275.35	6942.12	-3.926e+05
		-3.926e+05	-8997.08	0.11	0.0	415.0	40.36	-2274.71	-38.41	8275.35	-8997.08	5.506e+04
17	59	1.420e+05	6557.89	-0.03	-6705.36	0.0	-133.63	3225.30	-36.37	8505.30	6557.89	-1.794e+05
		-2.323e+05	-8536.34	0.12	0.0	415.0	-133.63	-3480.07	-36.37	8505.30	-8536.34	-2.323e+05
17	62	2.366e+05	8552.35	-0.05	-6705.36	0.0	65.55	4684.75	36.46	-1.235e+04	-6578.92	-4.424e+05
		-4.424e+05	-6578.92	-0.12	0.0	415.0	65.55	-2020.61	36.46	-1.235e+04	8552.35	1.105e+05
17	78	3.340e+05	8599.29	-0.05	-6705.36	0.0	29.50	5382.98	36.76	-1.192e+04	-6657.23	-5.626e+05
		-5.626e+05	-6657.23	-0.14	0.0	415.0	29.50	-1322.39	36.76	-1.192e+04	8599.29	2.800e+05
17	79	1.480e+05	7467.46	-0.03	-6705.36	0.0	-94.25	3559.30	31.89	-1.041e+04	-5767.53	-2.426e+05
		-2.426e+05	-5767.53	-0.09	0.0	415.0	-94.25	-3146.06	31.89	-1.041e+04	7467.46	-1.571e+05
17	82	2.060e+05	5746.50	-0.05	-6705.36	0.0	26.17	4350.75	-31.80	6562.77	5746.50	-3.792e+05
		-3.792e+05	-7451.46	0.09	0.0	415.0	26.17	-2354.61	-31.80	6562.77	-7451.46	3.527e+04
17	91	1.458e+05	5466.49	-0.03	-6705.36	0.0	-113.33	3369.05	-30.31	6732.48	5466.49	-2.054e+05
		-2.054e+05	-7113.46	0.10	0.0	415.0	-113.33	-3336.31	-30.31	6732.48	-7113.46	-1.986e+05
17	94	2.217e+05	7129.46	-0.05	-6705.36	0.0	45.26	4541.00	30.40	-1.058e+04	-5487.52	-4.164e+05
		-4.164e+05	-5487.52	-0.10	0.0	415.0	45.26	-2164.36	30.40	-1.058e+04	7129.46	7.685e+04
17	110	2.910e+05	7162.50	-0.04	-6705.36	0.0	16.53	5092.21	30.62	-1.026e+04	-5543.23	-5.113e+05
		-5.113e+05	-5543.23	-0.11	0.0	415.0	16.53	-1613.16	30.62	-1.026e+04	7162.50	2.106e+05
18	11	3.532e+05	1.359e+04	-0.09	-1.455e+04	0.0	-12.41	6255.90	-49.15	-1597.97	1.359e+04	-2.049e+05
		-6.272e+05	-6807.00	-1.87e-03	0.0	415.0	-12.41	-8290.89	-49.15	-1597.97	-6807.00	-6.272e+05
18	23	3.532e+05	6807.00	-0.09	-1.455e+04	0.0	-12.41	6255.90	49.15	1597.97	-1.359e+04	-2.049e+05
		-6.272e+05	-1.359e+04	1.87e-03	0.0	415.0	-12.41	-8290.89	49.15	1597.97	6807.00	-6.272e+05
18	28	4.982e+05	0.0	-0.13	-1.971e+04	0.0	-275.11	8151.44	0.0	0.0	0.0	-1.989e+05
		-9.066e+05	0.0	0.0	0.0	415.0	-275.11	-1.156e+04	0.0	0.0	0.0	-9.066e+05
18	34	4.781e+05	0.0	-0.13	-1.816e+04	0.0	-404.09	7243.05	0.0	0.0	0.0	-1.191e+05
		-8.822e+05	0.0	0.0	0.0	415.0	-404.09	-1.092e+04	0.0	0.0	0.0	-8.822e+05
18	45	2.399e+05	0.0	-0.06	-1.058e+04	0.0	132.39	4842.15	0.0	0.0	0.0	-2.191e+05
		-4.050e+05	0.0	0.0	0.0	415.0	132.39	-5738.28	0.0	0.0	0.0	-4.050e+05
18	56	2.694e+05	4789.03	-0.07	-1.196e+04	0.0	-45.96	5501.80	-22.84	-1092.32	4789.03	-2.546e+05
		-4.526e+05	-4689.91	0.11	0.0	415.0	-45.96	-6456.42	-22.84	-1092.32	-4689.91	-4.526e+05
18	57	3.126e+05	4689.91	-0.08	-1.196e+04	0.0	-38.75	4792.81	22.84	1092.32	-4789.03	-8.430e+04
		-5.766e+05	-4789.03	-0.11	0.0	415.0	-38.75	-7165.41	22.84	1092.32	4689.91	-5.766e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
18	63	3.863e+05	4501.34	-0.10	-1.196e+04	0.0	-30.33	3965.66	22.03	-4401.27	-4641.27	1.143e+05
		-7.212e+05	-4641.27	-0.14	0.0	415.0	-30.33	-7992.56	22.03	-4401.27	4501.34	-7.212e+05
18	65	3.863e+05	2445.27	-0.10	-1.196e+04	0.0	-30.33	3965.66	11.92	-1620.70	-2499.92	1.143e+05
		-7.212e+05	-2499.92	-0.09	0.0	415.0	-30.33	-7992.56	11.92	-1620.70	2445.27	-7.212e+05
18	66	2.397e+05	4641.27	-0.06	-1.196e+04	0.0	-54.39	6328.96	-22.03	4401.27	4641.27	-4.532e+05
		-4.532e+05	-4501.34	0.14	0.0	415.0	-54.39	-5629.27	-22.03	4401.27	-4501.34	-3.080e+05
18	88	2.736e+05	3968.92	-0.07	-1.196e+04	0.0	-45.23	5430.04	-18.92	-1047.63	3968.92	-2.373e+05
		-4.652e+05	-3883.17	0.09	0.0	415.0	-45.23	-6528.18	-18.92	-1047.63	-3883.17	-4.652e+05
18	89	3.068e+05	3883.17	-0.08	-1.196e+04	0.0	-39.48	4864.57	18.92	1047.63	-3968.92	-1.015e+05
		-5.641e+05	-3968.92	-0.09	0.0	415.0	-39.48	-7093.65	18.92	1047.63	3883.17	-5.641e+05
18	95	3.623e+05	3746.50	-0.09	-1.196e+04	0.0	-32.77	4204.86	18.33	-3622.65	-3861.95	5.690e+04
		-6.794e+05	-3861.95	-0.11	0.0	415.0	-32.77	-7753.37	18.33	-3622.65	3746.50	-6.794e+05
18	97	3.623e+05	2032.31	-0.09	-1.196e+04	0.0	-32.77	4204.86	9.91	-1381.80	-2079.50	5.690e+04
		-6.794e+05	-2079.50	-0.07	0.0	415.0	-32.77	-7753.37	9.91	-1381.80	2032.31	-6.794e+05
18	98	2.475e+05	3861.95	-0.06	-1.196e+04	0.0	-51.95	6089.76	-18.33	3622.65	3861.95	-3.958e+05
		-3.958e+05	-3746.50	0.11	0.0	415.0	-51.95	-5868.46	-18.33	3622.65	-3746.50	-3.498e+05
19	11	3.532e+05	1.359e+04	-0.07	-1.455e+04	0.0	-12.41	8290.89	49.15	1597.97	-6807.00	-6.272e+05
		-6.272e+05	-6807.00	-2.02e-03	0.0	415.0	-12.41	-6255.90	49.15	1597.97	1.359e+04	-2.049e+05
19	23	3.532e+05	6807.00	-0.07	-1.455e+04	0.0	-12.41	8290.89	-49.15	-1597.97	6807.00	-6.272e+05
		-6.272e+05	-1.359e+04	2.02e-03	0.0	415.0	-12.41	-6255.90	-49.15	-1597.97	-1.359e+04	-2.049e+05
19	34	4.058e+05	0.0	-0.08	-1.816e+04	0.0	-191.89	9746.33	0.0	0.0	0.0	-6.769e+05
		-6.769e+05	0.0	0.0	0.0	415.0	-191.89	-8417.18	0.0	0.0	0.0	-4.011e+05
19	38	4.880e+05	0.0	-0.10	-1.971e+04	0.0	-34.23	1.139e+04	0.0	0.0	0.0	-8.759e+05
		-8.759e+05	0.0	0.0	0.0	415.0	-34.23	-8326.38	0.0	0.0	0.0	-2.408e+05
19	45	2.754e+05	0.0	-0.05	-1.058e+04	0.0	26.29	6325.34	0.0	0.0	0.0	-5.076e+05
		-5.076e+05	0.0	0.0	0.0	415.0	26.29	-4255.08	0.0	0.0	0.0	-7.807e+04
19	47	2.694e+05	4789.03	-0.06	-1.196e+04	0.0	-45.96	6456.42	22.84	1092.32	-4689.91	-4.526e+05
		-4.526e+05	-4689.91	-0.11	0.0	415.0	-45.96	-5501.80	22.84	1092.32	4789.03	-2.546e+05
19	50	3.126e+05	4689.91	-0.06	-1.196e+04	0.0	-38.75	7165.41	-22.84	-1092.32	4689.91	-5.766e+05
		-5.766e+05	-4789.03	0.11	0.0	415.0	-38.75	-4792.81	-22.84	-1092.32	-4789.03	-8.430e+04
19	63	2.397e+05	4685.95	-0.05	-1.196e+04	0.0	-54.39	5629.27	22.30	-2412.30	-4567.68	-3.080e+05
		-4.532e+05	-4567.68	-0.14	0.0	415.0	-54.39	-6328.96	22.30	-2412.30	4685.95	-4.532e+05
19	64	3.863e+05	2378.93	-0.07	-1.196e+04	0.0	-30.33	7992.56	-11.65	3609.67	2378.93	-7.212e+05
		-7.212e+05	-2455.24	0.09	0.0	415.0	-30.33	-3965.66	-11.65	3609.67	-2455.24	1.143e+05
19	66	3.863e+05	4567.68	-0.07	-1.196e+04	0.0	-30.33	7992.56	-22.30	2412.30	4567.68	-7.212e+05
		-7.212e+05	-4685.95	0.14	0.0	415.0	-30.33	-3965.66	-22.30	2412.30	-4685.95	1.143e+05
19	79	2.736e+05	3968.92	-0.06	-1.196e+04	0.0	-45.23	6528.18	18.92	1047.63	-3883.17	-4.652e+05
		-4.652e+05	-3883.17	-0.09	0.0	415.0	-45.23	-5430.04	18.92	1047.63	3968.92	-2.373e+05
19	82	3.068e+05	3883.17	-0.06	-1.196e+04	0.0	-39.48	7093.65	-18.92	-1047.63	3883.17	-5.641e+05
		-5.641e+05	-3968.92	0.09	0.0	415.0	-39.48	-4864.57	-18.92	-1047.63	-3968.92	-1.015e+05
19	95	2.475e+05	3894.04	-0.05	-1.196e+04	0.0	-51.95	5868.46	18.53	-1962.74	-3794.31	-3.498e+05
		-3.958e+05	-3794.31	-0.11	0.0	415.0	-51.95	-6089.76	18.53	-1962.74	3894.04	-3.958e+05
19	96	3.623e+05	1984.50	-0.07	-1.196e+04	0.0	-32.77	7753.37	-9.72	3041.72	1984.50	-6.794e+05
		-6.794e+05	-2047.42	0.08	0.0	415.0	-32.77	-4204.86	-9.72	3041.72	-2047.42	5.690e+04
19	98	3.623e+05	3794.31	-0.07	-1.196e+04	0.0	-32.77	7753.37	-18.53	1962.74	3794.31	-6.794e+05
		-6.794e+05	-3894.04	0.11	0.0	415.0	-32.77	-4204.86	-18.53	1962.74	-3894.04	5.690e+04
20	13	1.571e+05	6.946e+04	-0.03	-6016.46	0.0	60.40	2391.22	-693.16	-2307.60	2.592e+04	-3.950e+04
		-2.956e+05	-3.654e+04	0.01	1596.15	415.0	60.40	-3625.25	902.99	-2307.60	6.946e+04	-2.956e+05
20	24	2.561e+05	7.196e+04	-0.07	-1.003e+04	0.0	-154.64	4193.84	1397.37	-2279.88	-5.496e+04	-1.071e+05
		-4.470e+05	-1.375e+05	-0.02	-3192.30	415.0	-154.64	-5832.04	-1794.94	-2279.88	-1.375e+05	-4.470e+05
20	25	1.533e+05	7.196e+04	-0.04	-6016.46	0.0	-129.66	2534.34	1397.35	-1071.39	-5.496e+04	-6.792e+04
		-2.646e+05	-1.375e+05	-0.02	-3192.30	415.0	-129.66	-3482.13	-1794.96	-1071.39	-1.375e+05	-2.646e+05
20	28	3.042e+05	1.074e+04	-0.08	-1.080e+04	0.0	-157.21	4106.04	98.51	-3014.44	-3.015e+04	-1.964e+04
		-5.568e+05	-3.015e+04	5.15e-03	0.0	415.0	-157.21	-6694.86	98.51	-3014.44	1.074e+04	-5.568e+05
20	34	3.035e+05	1.788e+04	-0.08	-1.003e+04	0.0	-216.42	3555.21	164.15	-2661.94	-5.024e+04	4.281e+04
		-5.622e+05	-5.024e+04	8.59e-03	0.0	415.0	-216.42	-6470.67	164.15	-2661.94	1.788e+04	-5.622e+05
20	47	2.366e+05	6578.92	-0.05	-6705.36	0.0	65.55	2020.61	36.46	-1.235e+04	-8552.35	1.105e+05
		-4.424e+05	-8552.35	-0.12	0.0	415.0	65.55	-4684.75	36.46	-1.235e+04	6578.92	-4.424e+05
20	50	1.420e+05	8536.34	-0.04	-6705.36	0.0	-133.63	3480.07	-36.37	8505.30	8536.34	-2.323e+05
		-2.323e+05	-6557.89	0.12	0.0	415.0	-133.63	-3225.30	-36.37	8505.30	-6557.89	-1.794e+05
20	59	2.141e+05	8997.08	-0.05	-6705.36	0.0	40.36	2274.71	-38.41	8275.35	8997.08	5.506e+04
		-3.926e+05	-6942.12	0.11	0.0	415.0	40.36	-4430.66	-38.41	8275.35	-6942.12	-3.926e+05
20	62	1.448e+05	6963.15	-0.04	-6705.36	0.0	-108.44	3225.97	38.50	-1.212e+04	-9013.09	-1.768e+05
		-2.291e+05	-9013.09	-0.11	0.0	415.0	-108.44	-3479.39	38.50	-1.212e+04	6963.15	-2.291e+05
20	63	3.340e+05	6657.23	-0.07	-6705.36	0.0	29.50	1322.39	36.76	-1.192e+04	-8599.29	2.800e+05
		-5.626e+05	-8599.29	-0.14	0.0	415.0	29.50	-5382.98	36.76	-1.192e+04	6657.23	-5.626e+05
20	79	2.217e+05	5487.52	-0.05	-6705.36	0.0	45.26	2164.36	30.40	-1.058e+04	-7129.46	7.685e+04
		-4.164e+05	-7129.46	-0.10	0.0	415.0	45.26	-4541.00	30.40	-1.058e+04	5487.52	-4.164e+05
20	82	1.458e+05	7113.46	-0.04	-6705.36	0.0	-113.33	3336.31	-30.31	6732.48	7113.46	-1.986e+05
		-2.054e+05	-5466.49	0.10	0.0	415.0	-113.33	-3369.05	-30.31	6732.48	-5466.49	-2.054e+05
20	91	2.060e+05	7451.46	-0.05	-6705.36	0.0	26.17	2354.61	-31.80	6562.77	7451.46	3.527e+04
		-3.792e+05	-5746.50	0.09	0.0	415.0	26.17	-4350.75	-31.80	6562.77	-5746.50	-3.792e+05
20	94	1.480e+05	5767.53	-0.04	-6705.36	0.0	-94.25	3146.06	31.89	-1.041e+04	-7467.46	-1.571e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-2.426e+05	-7467.46	-0.09	0.0	415.0	-94.25	-3559.30	31.89	-1.041e+04	5767.53	-2.426e+05
20	95	2.910e+05	5543.23	-0.07	-6705.36	0.0	16.53	1613.16	30.62	-1.026e+04	-7162.50	2.106e+05
		-5.113e+05	-7162.50	-0.11	0.0	415.0	16.53	-5092.21	30.62	-1.026e+04	5543.23	-5.113e+05
21	13	1.571e+05	6.946e+04	-0.04	-6016.46	0.0	60.40	3625.25	-902.99	2307.60	6.946e+04	-2.956e+05
		-2.956e+05	-3.654e+04	0.01	1596.15	415.0	60.40	-2391.22	693.16	2307.60	2.592e+04	-3.950e+04
21	24	2.561e+05	7.196e+04	-0.05	-1.003e+04	0.0	-154.64	5832.04	1794.94	2279.88	-1.375e+05	-4.470e+05
		-4.470e+05	-1.375e+05	-0.02	-3192.30	415.0	-154.64	-4193.84	-1397.37	2279.88	-5.496e+04	-1.071e+05
21	25	1.533e+05	7.196e+04	-0.03	-6016.46	0.0	-129.66	3482.13	1794.96	1071.39	-1.375e+05	-2.646e+05
		-2.646e+05	-1.375e+05	-0.02	-3192.30	415.0	-129.66	-2534.34	-1397.35	1071.39	-5.496e+04	-6.792e+04
21	38	2.900e+05	642.63	-0.06	-1.080e+04	0.0	-29.98	6525.04	7.15	3087.48	-2325.60	-5.270e+05
		-5.270e+05	-2325.60	4.41e-04	0.0	415.0	-29.98	-4275.86	7.15	3087.48	642.63	-6.026e+04
21	52	2.141e+05	8997.08	-0.05	-6705.36	0.0	40.36	4430.66	38.41	-8275.35	-6942.12	-3.926e+05
		-3.926e+05	-6942.12	-0.11	0.0	415.0	40.36	-2274.71	38.41	-8275.35	8997.08	5.506e+04
21	53	1.448e+05	6963.15	-0.03	-6705.36	0.0	-108.44	3479.39	-38.50	1.212e+04	6963.15	-2.291e+05
		-2.291e+05	-9013.09	0.11	0.0	415.0	-108.44	-3225.97	-38.50	1.212e+04	-9013.09	-1.768e+05
21	56	2.366e+05	6578.92	-0.05	-6705.36	0.0	65.55	4684.75	-36.46	1.235e+04	6578.92	-4.424e+05
		-4.424e+05	-8552.35	0.12	0.0	415.0	65.55	-2020.61	-36.46	1.235e+04	-8552.35	1.105e+05
21	57	1.420e+05	8536.34	-0.03	-6705.36	0.0	-133.63	3225.30	36.37	-8505.30	-6557.89	-1.794e+05
		-2.323e+05	-6557.89	-0.12	0.0	415.0	-133.63	-3480.07	36.37	-8505.30	8536.34	-2.323e+05
21	68	3.340e+05	6657.23	-0.05	-6705.36	0.0	29.50	5382.98	-36.76	1.192e+04	6657.23	-5.626e+05
		-5.626e+05	-8599.29	0.14	0.0	415.0	29.50	-1322.39	-36.76	1.192e+04	-8599.29	2.800e+05
21	84	2.060e+05	7451.46	-0.05	-6705.36	0.0	26.17	4350.75	31.80	-6562.77	-5746.50	-3.792e+05
		-3.792e+05	-5746.50	-0.09	0.0	415.0	26.17	-2354.61	31.80	-6562.77	7451.46	3.527e+04
21	85	1.480e+05	5767.53	-0.03	-6705.36	0.0	-94.25	3559.30	-31.89	1.041e+04	5767.53	-2.426e+05
		-2.426e+05	-7467.46	0.09	0.0	415.0	-94.25	-3146.06	-31.89	1.041e+04	-7467.46	-1.571e+05
21	88	2.217e+05	5487.52	-0.05	-6705.36	0.0	45.26	4541.00	-30.40	1.058e+04	5487.52	-4.164e+05
		-4.164e+05	-7129.46	0.10	0.0	415.0	45.26	-2164.36	-30.40	1.058e+04	-7129.46	7.685e+04
21	89	1.458e+05	7113.46	-0.03	-6705.36	0.0	-113.33	3369.05	30.31	-6732.48	-5466.49	-2.054e+05
		-2.054e+05	-5466.49	-0.10	0.0	415.0	-113.33	-3336.31	30.31	-6732.48	7113.46	-1.986e+05
21	100	2.910e+05	5543.23	-0.04	-6705.36	0.0	16.53	5092.21	-30.62	1.026e+04	5543.23	-5.113e+05
		-5.113e+05	-7162.50	0.11	0.0	415.0	16.53	-1613.16	-30.62	1.026e+04	-7162.50	2.106e+05
Trave		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-9.066e+05	-1.375e+05	-0.14	-1.971e+04		-404.09	-1.156e+04	-1794.96	-2.596e+04		
		4.982e+05	1.375e+05	0.14	3192.30		132.39	1.139e+04	1794.96	2.596e+04		

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm
22	12	4.606e+05	5.620e+04	0.03	-0.98	0.0	258.43	-4444.28	-743.27	-2.594e+04	3.346e+04	5.763e+04
		-2.480e+05	-3.810e+04	3.44e-03		415.0	258.43	6444.63	852.88	7315.16	5.620e+04	4.606e+05
22	24	3.298e+05	7.524e+04	0.02	-0.56	0.0	104.67	-1967.21	1442.30	7643.84	-5.983e+04	-2.812e+04
		-1.514e+05	-1.237e+05	-6.21e-03		415.0	104.67	4377.54	-1750.01	5301.57	-1.237e+05	3.298e+05
22	35	1.633e+05	2.460e+04	0.01	-0.47	0.0	-865.67	-2445.54	213.98	4182.80	-6.421e+04	1.633e+05
		-8.810e+04	-6.421e+04	2.44e-03		415.0	-865.67	2669.20	213.98	1.269e+04	2.460e+04	1.376e+05
22	44	4.510e+05	3.302e+04	0.03	-0.79	0.0	730.55	-3052.53	-110.55	-1.482e+04	3.302e+04	-5.913e+04
		-2.338e+05	-1.286e+04	-1.31e-03		415.0	730.55	5793.71	-110.55	1420.57	-1.286e+04	4.510e+05
22	47	4.106e+05	1.511e+04	0.02	-0.95	0.0	-62.50	11.12	49.31	-4.402e+04	-5496.65	2.378e+05
		-4.616e+04	-5496.65	-0.02		415.0	-62.50	5460.74	49.31	-9551.44	1.511e+04	4.106e+05
22	50	1.321e+05	6435.46	0.02	-0.38	0.0	357.55	-4555.53	-52.99	2.989e+04	6435.46	-2.102e+05
		-2.337e+05	-1.569e+04	0.02		415.0	357.55	1997.70	-52.99	1.708e+04	-1.569e+04	1.321e+05
22	56	3.221e+05	3.291e+04	0.03	-0.77	0.0	0.48	-1179.75	148.16	-1.699e+04	-2.862e+04	-4.540e+04
		-1.130e+05	-2.862e+04	8.23e-03		415.0	0.48	4825.26	148.16	-4723.57	3.291e+04	3.221e+05
22	57	2.206e+05	2.956e+04	-0.02	-0.38	0.0	294.57	-3364.66	-151.84	2859.98	2.956e+04	7.304e+04
		-1.794e+05	-3.349e+04	-8.47e-03		415.0	294.57	2633.18	-151.84	1.225e+04	-3.349e+04	2.206e+05
22	67	5.693e+05	1.583e+04	-0.03	-0.87	0.0	62.45	-915.21	-58.72	-2.706e+04	1.583e+04	3.767e+05
		-6.827e+04	-8530.78	-0.01		415.0	62.45	5955.80	-58.72	-1.341e+04	-8530.78	5.693e+05
22	70	-2.661e+04	7944.86	0.03	-0.43	0.0	232.60	-3629.20	55.04	1.293e+04	-1.489e+04	-3.490e+05
		-3.815e+05	-1.489e+04	0.01		415.0	232.60	1502.64	55.04	2.094e+04	7944.86	-2.661e+04
22	79	3.849e+05	1.218e+04	0.02	-0.86	0.0	-19.70	-455.90	40.16	-3.674e+04	-4623.46	1.929e+05
		-6.403e+04	-4623.46	-0.02		415.0	-19.70	5118.16	40.16	-7515.91	1.218e+04	3.849e+05
22	82	1.578e+05	5562.26	0.02	-0.39	0.0	314.75	-4088.51	-43.84	2.261e+04	5562.26	-1.652e+05
		-2.149e+05	-1.277e+04	0.02		415.0	314.75	2340.28	-43.84	1.505e+04	-1.277e+04	1.578e+05
22	88	3.119e+05	2.611e+04	0.03	-0.72	0.0	29.55	-1385.48	117.45	-1.552e+04	-2.267e+04	-2.792e+04
		-1.153e+05	-2.267e+04	6.18e-03		415.0	29.55	4600.78	117.45	-3087.96	2.611e+04	3.119e+05
22	89	2.308e+05	2.361e+04	-0.01	-0.39	0.0	265.50	-3158.93	-121.12	1393.76	2.361e+04	5.557e+04
		-1.704e+05	-2.670e+04	-6.42e-03		415.0	265.50	2857.66	-121.12	1.062e+04	-2.670e+04	2.308e+05
22	99	5.083e+05	1.269e+04	-0.02	-0.80	0.0	78.98	-1184.90	-47.11	-2.398e+04	1.269e+04	3.040e+05
		-7.629e+04	-6851.45	-9.60e-03		415.0	78.98	5500.03	-47.11	-1.065e+04	-6851.45	5.083e+05
22	102	3.437e+04	6265.53	0.03	-0.45	0.0	216.06	-3359.52	43.44	9852.60	-1.175e+04	-2.763e+05
		-3.205e+05	-1.175e+04	9.35e-03		415.0	216.06	1958.41	43.44	1.818e+04	6265.53	3.437e+04

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
23	24	3.298e+05	7.524e+04	0.02	-0.56	0.0	104.67	-4377.54	1750.01	-5301.57	-1.237e+05	3.298e+05
		-1.514e+05	-1.237e+05	-3.70e-03		415.0	104.67	1967.21	-1442.30	-7643.84	-5.983e+04	-2.812e+04
23	34	5.068e+05	4139.95	0.03	-0.85	0.0	-166.23	-6176.59	0.56	3484.61	3907.53	5.068e+05
		-2.741e+05	3907.53	8.30e-04		415.0	-166.23	2898.96	0.56	2.052e+04	4139.95	-1.334e+05
23	35	3.609e+05	4067.04	0.02	-0.62	0.0	-276.81	-4202.39	-0.50	6786.61	4067.04	3.609e+05
		-2.090e+05	3860.41	8.87e-04		415.0	-276.81	1833.79	-0.50	1.848e+04	3860.41	-1.326e+05
23	44	3.393e+05	-1017.09	0.02	-0.71	0.0	436.12	-5027.12	3.81	-1.116e+04	-2596.64	3.393e+05
		-1.721e+05	-2596.64	-2.64e-04		415.0	436.12	3358.40	3.81	3484.82	-1017.09	8.881e+04
23	47	4.777e+05	3.291e+04	0.03	-0.92	0.0	0.48	-1588.50	-148.16	-2.031e+04	3.291e+04	4.777e+05
		-4.633e+04	-2.862e+04	-8.23e-03		415.0	0.48	3931.29	-148.16	-1.223e+04	-2.862e+04	1.641e+05
23	50	6.497e+04	2.956e+04	0.02	-0.38	0.0	294.57	-5869.94	151.84	1.278e+04	-3.349e+04	6.497e+04
		-2.648e+05	-3.349e+04	8.47e-03		415.0	294.57	613.13	151.84	2.636e+04	2.956e+04	-1.365e+05
23	56	2.549e+05	1.511e+04	0.02	-0.79	0.0	-62.50	-3042.40	-49.31	-9030.04	1.511e+04	2.549e+05
		-1.550e+05	-5496.65	0.02		415.0	-62.50	3988.92	-49.31	-2.052e+04	-5496.65	2.831e+04
23	57	2.878e+05	6435.46	0.02	-0.39	0.0	357.55	-4416.04	52.99	1499.56	-1.569e+04	2.878e+05
		-1.698e+05	-1.569e+04	-0.02		415.0	357.55	555.49	52.99	3.465e+04	6435.46	-671.88
23	63	5.693e+05	2.486e+04	0.03	-0.87	0.0	137.61	-1502.63	-128.22	-2.094e+04	2.486e+04	5.693e+05
		-6.827e+04	-2.836e+04	-0.01		415.0	137.61	3629.22	-128.22	-1.293e+04	-2.836e+04	3.767e+05
23	66	-2.661e+04	2.930e+04	0.03	-0.43	0.0	157.44	-5955.81	131.89	1.341e+04	-2.545e+04	-2.661e+04
		-3.815e+05	-2.545e+04	0.01		415.0	157.44	915.19	131.89	2.706e+04	2.930e+04	-3.490e+05
23	79	4.356e+05	2.611e+04	0.03	-0.84	0.0	29.55	-2026.81	-117.45	-1.742e+04	2.611e+04	4.356e+05
		-5.897e+04	-2.267e+04	-6.18e-03		415.0	29.55	3611.06	-117.45	-9309.80	-2.267e+04	1.387e+05
23	82	1.071e+05	2.361e+04	0.01	-0.39	0.0	265.50	-5431.63	121.12	9890.59	-2.670e+04	1.071e+05
		-2.383e+05	-2.670e+04	6.42e-03		415.0	265.50	933.35	121.12	2.344e+04	2.361e+04	-1.110e+05
23	88	2.611e+05	1.218e+04	0.02	-0.74	0.0	-19.70	-3171.14	-40.16	-8243.78	1.218e+04	2.611e+05
		-1.467e+05	-4623.46	0.02		415.0	-19.70	3636.40	-40.16	-1.469e+04	-4623.46	2.626e+04
23	89	2.816e+05	5562.26	0.02	-0.39	0.0	314.75	-4287.31	43.84	713.30	-1.277e+04	2.816e+05
		-1.609e+05	-1.277e+04	-0.02		415.0	314.75	908.01	43.84	2.882e+04	5562.26	1380.20
23	95	5.083e+05	1.972e+04	0.03	-0.80	0.0	139.80	-1958.41	-101.62	-1.818e+04	1.972e+04	5.083e+05
		-7.629e+04	-2.247e+04	-0.01		415.0	139.80	3359.53	-101.62	-9852.71	-2.247e+04	3.040e+05
23	98	3.437e+04	2.341e+04	0.02	-0.45	0.0	155.24	-5500.03	105.30	1.065e+04	-2.030e+04	3.437e+04
		-3.205e+05	-2.030e+04	0.01		415.0	155.24	1184.88	105.30	2.398e+04	2.341e+04	-2.763e+05
24	12	4.655e+05	3.230e+04	0.03	-0.74	0.0	633.30	-6167.13	139.67	-2898.42	-2.566e+04	4.655e+05
		-2.074e+05	-2.566e+04	-2.51e-03		415.0	633.30	2691.21	139.67	3845.22	3.230e+04	-3.586e+04
24	25	2.848e+05	2.566e+04	0.02	-0.48	0.0	401.50	-3789.40	-139.67	2898.42	2.566e+04	2.848e+05
		-1.293e+05	-3.230e+04	2.51e-03		415.0	401.50	1732.94	-139.67	-3845.22	-3.230e+04	-1.809e+04
24	34	5.771e+05	0.0	0.04	-0.71	0.0	-490.70	-6869.47	0.0	0.0	0.0	5.771e+05
		-2.822e+05	0.0	0.0		415.0	-490.70	1993.81	0.0	0.0	0.0	-2.013e+05
24	35	3.964e+05	0.0	0.02	-0.46	0.0	-722.50	-4491.74	0.0	0.0	0.0	3.964e+05
		-2.140e+05	0.0	0.0		415.0	-722.50	1035.54	0.0	0.0	0.0	-1.836e+05
24	44	4.097e+05	0.0	0.03	-0.71	0.0	1034.98	-5816.68	0.0	0.0	0.0	4.097e+05
		-1.826e+05	0.0	0.0		415.0	1034.98	3040.29	0.0	0.0	0.0	4.689e+04
24	47	3.819e+05	3.181e+04	0.02	-0.53	0.0	332.18	-3753.60	-146.37	-1.136e+04	3.181e+04	3.819e+05
		-1.160e+05	-2.893e+04	-9.01e-03		415.0	332.18	2290.29	-146.37	-6584.40	-2.893e+04	7.773e+04
24	50	2.472e+05	2.893e+04	0.02	-0.53	0.0	346.17	-4602.28	146.37	1.136e+04	-3.181e+04	2.472e+05
		-1.854e+05	-3.181e+04	9.01e-03		415.0	346.17	1456.50	146.37	6584.40	2.893e+04	-1.213e+05
24	63	5.390e+05	1.274e+04	0.02	-0.55	0.0	315.85	-2763.48	-59.58	-8801.22	1.274e+04	5.390e+05
		-1.003e+05	-1.198e+04	-0.01		415.0	315.85	3263.05	-59.58	-8249.49	-1.198e+04	3.100e+05
24	64	9.012e+04	5715.74	0.02	-0.50	0.0	362.50	-5592.40	-25.15	3049.21	5715.74	9.012e+04
		-3.583e+05	-4721.10	0.01		415.0	362.50	483.74	-25.15	5539.90	-4721.10	-3.535e+05
24	65	5.390e+05	4721.10	0.02	-0.55	0.0	315.85	-2763.48	25.15	-3049.21	-5715.74	5.390e+05
		-1.003e+05	-5715.74	-0.01		415.0	315.85	3263.05	25.15	-5539.90	4721.10	3.100e+05
24	66	9.012e+04	1.198e+04	0.02	-0.50	0.0	362.50	-5592.40	59.58	8801.22	-1.274e+04	9.012e+04
		-3.583e+05	-1.274e+04	0.01		415.0	362.50	483.74	59.58	8249.49	1.198e+04	-3.535e+05
24	79	3.682e+05	2.535e+04	0.02	-0.52	0.0	333.59	-3839.50	-116.63	-9188.46	2.535e+04	3.682e+05
		-1.201e+05	-2.305e+04	-6.80e-03		415.0	333.59	2205.89	-116.63	-5808.83	-2.305e+04	5.758e+04
24	82	2.608e+05	2.305e+04	0.02	-0.52	0.0	344.76	-4516.38	116.63	9188.46	-2.535e+04	2.608e+05
		-1.749e+05	-2.535e+04	6.80e-03		415.0	344.76	1540.89	116.63	5808.83	2.305e+04	-1.012e+05
24	95	4.935e+05	1.026e+04	0.02	-0.52	0.0	320.57	-3049.80	-48.00	-7237.36	1.026e+04	4.935e+05
		-1.014e+05	-9661.64	-0.01		415.0	320.57	2981.73	-48.00	-6956.62	-9661.64	2.428e+05
24	96	1.355e+05	4424.53	0.02	-0.50	0.0	357.78	-5306.08	-19.40	2610.60	4424.53	1.355e+05
		-2.987e+05	-3627.70	9.88e-03		415.0	357.78	765.06	-19.40	4502.66	-3627.70	-2.864e+05
24	97	4.935e+05	3627.70	0.02	-0.52	0.0	320.57	-3049.80	19.40	-2610.60	-4424.53	4.935e+05
		-1.014e+05	-4424.53	-9.88e-03		415.0	320.57	2981.73	19.40	-4502.66	3627.70	2.428e+05
24	106	1.355e+05	3627.70	0.02	-0.50	0.0	357.78	-5306.08	19.40	7237.36	-4424.53	1.355e+05
		-2.987e+05	-4424.53	-9.88e-03		415.0	357.78	765.07	19.40	6956.62	3627.70	-2.864e+05
25	12	3.298e+05	1.237e+05	0.02	-0.56	0.0	104.67	-4377.54	-1750.01	5301.57	1.237e+05	3.298e+05
		-1.514e+05	-7.524e+04	3.70e-03		415.0	104.67	1967.21	1442.30	7643.84	5.983e+04	-2.812e+04
25	34	5.068e+05	-3907.53	0.03	-0.85	0.0	-166.23	-6176.59	-0.56	-3484.61	-3907.53	5.068e+05
		-2.741e+05	-4139.95	-8.30e-04		415.0	-166.23	2898.96	-0.56	-2.052e+04	-4139.95	-1.334e+05
25	35	3.609e+05	-3860.41	0.02	-0.62	0.0	-276.81	-4202.39	0.50	-6786.61	-4067.04	3.609e+05
		-2.090e+05	-4067.04	-8.87e-04		415.0	-276.81	1833.79	0.50	-1.848e+04	-3860.41	-1.326e+05
25	44	3.393e+05	2596.64	0.02	-0.71	0.0	436.12	-5027.12	-3.81	1.116e+04	2596.64	3.393e+05

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		-1.721e+05	1017.09	2.64e-04		415.0	436.12	3358.40	-3.81	-3484.82	1017.09	8.881e+04
25	52	3.221e+05	3.349e+04	-0.04	-0.77	0.0	294.57	-2633.15	-151.84	-4723.26	3.349e+04	3.221e+05
		-1.130e+05	-2.956e+04	-8.47e-03		415.0	294.57	3364.73	-151.84	-1.699e+04	-2.956e+04	-4.540e+04
25	53	2.206e+05	2.862e+04	0.05	-0.38	0.0	0.48	-4825.29	148.16	1.225e+04	-3.291e+04	2.206e+05
		-1.794e+05	-3.291e+04	8.23e-03		415.0	0.48	1179.68	148.16	2860.26	2.862e+04	7.304e+04
25	59	4.106e+05	1.569e+04	-0.04	-0.95	0.0	357.55	-1997.75	-52.99	-9551.76	1.569e+04	4.106e+05
		-4.616e+04	-6435.46	0.02		415.0	357.55	4555.47	-52.99	-4.402e+04	-6435.46	2.378e+05
25	62	1.321e+05	5496.65	0.04	-0.38	0.0	-62.50	-5460.69	49.31	1.708e+04	-1.511e+04	1.321e+05
		-2.337e+05	-1.511e+04	-0.02		415.0	-62.50	-11.06	49.31	2.989e+04	5496.65	-2.102e+05
25	71	5.693e+05	1.489e+04	-0.04	-0.87	0.0	232.60	-1502.62	55.04	-1.341e+04	-7944.86	5.693e+05
		-6.826e+04	-7944.86	0.01		415.0	232.60	3629.19	55.04	-2.707e+04	1.489e+04	3.767e+05
25	74	-2.661e+04	8530.78	0.03	-0.43	0.0	62.45	-5955.82	-58.72	2.094e+04	8530.78	-2.661e+04
		-3.815e+05	-1.583e+04	-0.01		415.0	62.45	915.22	-58.72	1.293e+04	-1.583e+04	-3.490e+05
25	84	3.119e+05	2.670e+04	-0.03	-0.72	0.0	265.50	-2857.64	-121.12	-3087.79	2.670e+04	3.119e+05
		-1.153e+05	-2.361e+04	-6.42e-03		415.0	265.50	3158.97	-121.12	-1.552e+04	-2.361e+04	-2.792e+04
25	85	2.308e+05	2.267e+04	0.04	-0.39	0.0	29.55	-4600.80	117.45	1.062e+04	-2.611e+04	2.308e+05
		-1.704e+05	-2.611e+04	6.18e-03		415.0	29.55	1385.44	117.45	1393.93	2.267e+04	5.556e+04
25	91	3.849e+05	1.277e+04	-0.04	-0.86	0.0	314.75	-2340.31	-43.84	-7516.11	1.277e+04	3.849e+05
		-6.403e+04	-5562.26	0.02		415.0	314.75	4088.48	-43.84	-3.674e+04	-5562.26	1.929e+05
25	94	1.578e+05	4623.46	0.04	-0.39	0.0	-19.70	-5118.14	40.16	1.505e+04	-1.218e+04	1.578e+05
		-2.149e+05	-1.218e+04	-0.02		415.0	-19.70	455.93	40.16	2.261e+04	4623.46	-1.652e+05
25	103	5.083e+05	1.175e+04	-0.03	-0.80	0.0	216.06	-1958.40	43.44	-1.065e+04	-6265.53	5.083e+05
		-7.628e+04	-6265.53	9.35e-03		415.0	216.06	3359.51	43.44	-2.398e+04	1.175e+04	3.040e+05
25	106	3.437e+04	6851.45	0.03	-0.45	0.0	78.98	-5500.04	-47.11	1.818e+04	6851.45	3.437e+04
		-3.205e+05	-1.269e+04	-9.60e-03		415.0	78.98	1184.90	-47.11	9853.34	-1.269e+04	-2.763e+05
26	12	3.298e+05	1.237e+05	0.02	-0.56	0.0	104.67	-1967.21	-1442.30	-7643.84	5.983e+04	-2.812e+04
		-1.514e+05	-7.524e+04	6.21e-03		415.0	104.67	4377.54	1750.01	-5301.57	1.237e+05	3.298e+05
26	24	4.606e+05	3.810e+04	0.03	-0.98	0.0	258.43	-4444.28	743.27	2.594e+04	-3.346e+04	5.763e+04
		-2.480e+05	-5.620e+04	-3.44e-03		415.0	258.43	6444.63	-852.88	-7315.16	-5.620e+04	4.606e+05
26	35	1.633e+05	6.421e+04	0.01	-0.47	0.0	-865.67	-2445.54	-213.98	-4182.80	6.421e+04	1.633e+05
		-8.810e+04	-2.460e+04	-2.44e-03		415.0	-865.67	2669.20	-213.98	-1.269e+04	-2.460e+04	1.376e+05
26	44	4.510e+05	1.286e+04	0.03	-0.79	0.0	730.55	-3052.53	110.55	1.482e+04	-3.302e+04	-5.913e+04
		-2.338e+05	-3.302e+04	1.31e-03		415.0	730.55	5793.71	110.55	-1420.57	1.286e+04	4.510e+05
26	52	2.549e+05	1.569e+04	-0.03	-0.79	0.0	357.55	-555.44	52.99	-2.052e+04	-6435.46	2.832e+04
		-1.550e+05	-6435.46	-0.02		415.0	357.55	4416.09	52.99	-9029.73	1.569e+04	2.549e+05
26	53	2.878e+05	5496.65	0.04	-0.39	0.0	-62.50	-3988.97	-49.31	3.465e+04	5496.65	-673.24
		-1.698e+05	-1.511e+04	0.02		415.0	-62.50	3042.35	-49.31	1499.25	-1.511e+04	2.878e+05
26	59	4.777e+05	3.349e+04	-0.04	-0.92	0.0	294.57	-613.20	151.84	-1.223e+04	-2.956e+04	1.641e+05
		-4.633e+04	-2.956e+04	8.47e-03		415.0	294.57	5869.90	151.84	-2.031e+04	3.349e+04	4.777e+05
26	62	6.497e+04	2.862e+04	0.05	-0.38	0.0	0.48	-3931.21	-148.16	2.636e+04	2.862e+04	-1.365e+05
		-2.648e+05	-3.291e+04	-8.23e-03		415.0	0.48	1588.54	-148.16	1.278e+04	-3.291e+04	6.497e+04
26	75	5.693e+05	2.545e+04	-0.04	-0.87	0.0	157.44	-915.24	131.89	-1.293e+04	-2.930e+04	3.767e+05
		-6.826e+04	-2.930e+04	0.01		415.0	157.44	5955.81	131.89	-2.094e+04	2.545e+04	5.693e+05
26	78	-2.661e+04	2.836e+04	0.04	-0.43	0.0	137.61	-3629.17	-128.22	2.706e+04	2.836e+04	-3.490e+05
		-3.815e+05	-2.486e+04	-0.01		415.0	137.61	1502.63	-128.22	1.341e+04	-2.486e+04	-2.661e+04
26	84	2.611e+05	1.277e+04	-0.02	-0.74	0.0	314.75	-907.98	43.84	-1.469e+04	-5562.26	2.626e+04
		-1.467e+05	-5562.26	-0.02		415.0	314.75	4287.33	43.84	-8243.58	1.277e+04	2.611e+05
26	85	2.816e+05	4623.46	0.04	-0.39	0.0	-19.70	-3636.43	-40.16	2.882e+04	4623.46	1379.47
		-1.609e+05	-1.218e+04	0.02		415.0	-19.70	3171.11	-40.16	713.10	-1.218e+04	2.816e+05
26	91	4.356e+05	2.670e+04	-0.04	-0.84	0.0	265.50	-933.40	121.12	-9309.63	-2.361e+04	1.387e+05
		-5.897e+04	-2.361e+04	6.42e-03		415.0	265.50	5431.61	121.12	-1.742e+04	2.670e+04	4.356e+05
26	94	1.071e+05	2.267e+04	0.04	-0.39	0.0	29.55	-3611.01	-117.45	2.344e+04	2.267e+04	-1.110e+05
		-2.383e+05	-2.611e+04	-6.18e-03		415.0	29.55	2026.83	-117.45	9890.77	-2.611e+04	1.071e+05
26	107	5.083e+05	2.030e+04	-0.03	-0.80	0.0	155.24	-1184.91	105.30	-9853.23	-2.341e+04	3.040e+05
		-7.628e+04	-2.341e+04	0.01		415.0	155.24	5500.03	105.30	-1.818e+04	2.030e+04	5.083e+05
26	110	3.437e+04	2.247e+04	0.04	-0.45	0.0	139.80	-3359.50	-101.62	2.398e+04	2.247e+04	-2.763e+05
		-3.205e+05	-1.972e+04	-0.01		415.0	139.80	1958.41	-101.62	1.065e+04	-1.972e+04	3.437e+04
27	12	4.655e+05	3.230e+04	0.03	-0.74	0.0	633.30	-2691.21	-139.67	-3845.22	3.230e+04	-3.586e+04
		-2.074e+05	-2.566e+04	2.37e-03		415.0	633.30	6167.13	-139.67	2898.42	-2.566e+04	4.655e+05
27	25	2.848e+05	2.566e+04	0.02	-0.48	0.0	401.50	-1732.94	139.67	3845.22	-3.230e+04	-1.809e+04
		-1.293e+05	-3.230e+04	-2.37e-03		415.0	401.50	3789.40	139.67	-2898.42	2.566e+04	2.848e+05
27	35	1.733e+05	0.0	0.01	-0.46	0.0	-2186.90	-2426.70	0.0	0.0	0.0	1.465e+05
		-9.612e+04	0.0	0.0		415.0	-2186.90	3087.50	0.0	0.0	0.0	1.733e+05
27	38	5.325e+05	0.0	0.03	-0.75	0.0	1322.04	-2628.23	0.0	0.0	0.0	-9.000e+04
		-2.401e+05	0.0	0.0		415.0	1322.04	6813.60	0.0	0.0	0.0	5.325e+05
27	44	5.212e+05	0.0	0.03	-0.71	0.0	1767.18	-2344.71	0.0	0.0	0.0	-1.182e+05
		-2.400e+05	0.0	0.0		415.0	1767.18	6518.80	0.0	0.0	0.0	5.212e+05
27	56	2.472e+05	3.181e+04	0.02	-0.53	0.0	332.18	-2290.29	146.37	-2447.58	-2.893e+04	-1.213e+05
		-1.854e+05	-2.893e+04	9.01e-03		415.0	332.18	3753.60	146.37	-7809.13	3.181e+04	2.472e+05
27	57	3.819e+05	2.893e+04	0.02	-0.53	0.0	346.17	-1456.50	-146.37	2447.58	2.893e+04	7.773e+04
		-1.160e+05	-3.181e+04	-9.01e-03		415.0	346.17	4602.28	-146.37	7809.13	-3.181e+04	3.819e+05
27	63	5.390e+05	4129.88	-0.02	-0.55	0.0	362.50	-483.74	17.38	-1.017e+04	-3084.40	3.100e+05
		-1.003e+05	-3084.40	-0.02		415.0	362.50	5592.40	17.38	-7083.72	4129.88	5.390e+05

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
27	64	9.012e+04	1.115e+04	0.03	-0.50	0.0	315.85	-3263.05	51.81	3621.00	-1.035e+04	-3.535e+05
		-3.583e+05	-1.035e+04	8.79e-03		415.0	315.85	2763.48	51.81	4766.71	1.115e+04	9.012e+04
27	65	5.390e+05	1.035e+04	-0.02	-0.55	0.0	362.50	-483.74	-51.81	-3621.00	1.035e+04	3.100e+05
		-1.003e+05	-1.115e+04	-8.79e-03		415.0	362.50	5592.40	-51.81	-4766.71	-1.115e+04	5.390e+05
27	66	9.012e+04	3084.40	0.03	-0.50	0.0	315.85	-3263.05	-17.38	1.017e+04	3084.40	-3.535e+05
		-3.583e+05	-4129.88	0.02		415.0	315.85	2763.48	-17.38	7083.72	-4129.88	9.012e+04
27	88	2.608e+05	2.535e+04	0.02	-0.52	0.0	333.59	-2205.89	116.63	-2371.04	-2.305e+04	-1.012e+05
		-1.749e+05	-2.305e+04	6.80e-03		415.0	333.59	3839.50	116.63	-6234.08	2.535e+04	2.608e+05
27	89	3.682e+05	2.305e+04	0.02	-0.52	0.0	344.76	-1540.89	-116.63	2371.04	2.305e+04	5.758e+04
		-1.201e+05	-2.535e+04	-6.80e-03		415.0	344.76	4516.38	-116.63	6234.08	-2.535e+04	3.682e+05
27	95	4.935e+05	3208.07	-0.02	-0.52	0.0	357.78	-765.06	13.45	-8365.05	-2372.68	2.428e+05
		-1.014e+05	-2372.68	-0.01		415.0	357.78	5306.08	13.45	-5976.52	3208.07	4.935e+05
27	96	1.355e+05	9043.50	0.03	-0.50	0.0	320.57	-2981.73	42.05	3094.22	-8406.62	-2.864e+05
		-2.987e+05	-8406.62	7.49e-03		415.0	320.57	3049.80	42.05	3871.45	9043.50	1.355e+05
27	97	4.935e+05	8406.62	-0.02	-0.52	0.0	357.78	-765.06	-42.05	-3094.22	8406.62	2.428e+05
		-1.014e+05	-9043.50	-7.49e-03		415.0	357.78	5306.08	-42.05	-3871.45	-9043.50	4.935e+05
27	106	1.355e+05	8406.62	0.03	-0.50	0.0	320.57	-2981.72	-42.05	8365.05	8406.62	-2.864e+05
		-2.987e+05	-9043.50	-7.49e-03		415.0	320.57	3049.80	-42.05	5976.52	-9043.50	1.355e+05
28	12	2.908e+05	2.171e+04	0.01	-0.65	0.0	-910.50	-3908.93	210.46	6380.43	-6.563e+04	2.908e+05
		-1.264e+05	-6.563e+04	2.87e-03		415.0	-910.50	3532.55	210.46	2.197e+04	2.171e+04	1.630e+05
28	24	4.980e+05	3.647e+04	0.03	-0.93	0.0	-27.21	-2991.31	-109.77	-2.762e+04	3.647e+04	-1.530e+05
		-2.896e+05	-9085.62	-1.92e-03		415.0	-27.21	5832.34	-109.77	-7251.02	-9085.62	4.980e+05
28	25	3.805e+05	3.618e+04	0.02	-0.69	0.0	18.63	-1818.52	-108.10	-2.494e+04	3.618e+04	-1.761e+05
		-2.416e+05	-8679.93	-1.99e-03		415.0	18.63	4177.71	-108.10	-1.103e+04	-8679.93	3.805e+05
28	34	2.870e+05	7.448e+04	0.02	-0.56	0.0	-279.69	-2625.62	1428.89	623.14	-5.816e+04	4.036e+04
		-1.450e+05	-1.276e+05	-5.83e-03		415.0	-279.69	3995.18	-1763.42	6758.55	-1.276e+05	2.870e+05
28	35	1.696e+05	7.450e+04	0.01	-0.33	0.0	-233.85	-1452.83	1430.55	3296.07	-5.845e+04	1.734e+04
		-8.401e+04	-1.272e+05	-5.89e-03		415.0	-233.85	2340.54	-1761.75	2977.32	-1.272e+05	1.696e+05
28	47	5.276e+05	2.931e+04	-0.04	-0.88	0.0	-72.48	-1073.44	-132.79	-2.800e+04	2.931e+04	4.117e+05
		-6.206e+04	-2.581e+04	-0.01		415.0	-72.48	5486.09	-132.79	-1.271e+04	-2.581e+04	5.276e+05
28	50	-6.832e+04	2.450e+04	0.04	-0.40	0.0	-92.32	-3787.37	127.33	1.200e+04	-2.835e+04	-3.141e+05
		-3.544e+05	-2.835e+04	0.01		415.0	-92.32	1032.91	127.33	2.164e+04	2.450e+04	-6.832e+04
28	63	4.360e+05	2.956e+04	-0.05	-0.93	0.0	64.65	-771.40	-152.73	-2.729e+04	2.956e+04	1.991e+05
		-4.012e+04	-3.385e+04	-8.39e-03		415.0	64.65	5400.18	-152.73	-1.207e+04	-3.385e+04	4.360e+05
28	66	2.326e+04	3.254e+04	0.05	-0.33	0.0	-229.45	-4089.41	147.27	1.130e+04	-2.861e+04	-1.015e+05
		-2.475e+05	-2.861e+04	8.31e-03		415.0	-229.45	1118.81	147.27	2.101e+04	3.254e+04	2.326e+04
28	72	2.461e+05	1.475e+04	0.04	-0.36	0.0	-292.42	-4147.17	48.42	1.959e+04	-5487.68	3.431e+04
		-1.606e+05	-5487.68	-0.02		415.0	-292.42	2572.63	48.42	9734.13	1.475e+04	2.461e+05
28	73	2.132e+05	6444.44	-0.03	-0.80	0.0	127.62	-713.64	-53.88	-3.558e+04	6444.44	6.330e+04
		-1.347e+05	-1.606e+04	0.02		415.0	127.62	3946.37	-53.88	-794.85	-1.606e+04	2.132e+05
28	79	4.666e+05	2.342e+04	-0.03	-0.81	0.0	-74.68	-1343.11	-106.19	-2.491e+04	2.342e+04	3.389e+05
		-7.008e+04	-2.066e+04	-0.01		415.0	-74.68	5030.31	-106.19	-9945.00	-2.066e+04	4.666e+05
28	82	-7345.59	1.935e+04	0.04	-0.41	0.0	-90.12	-3517.70	100.73	8922.63	-2.246e+04	-2.413e+05
		-2.970e+05	-2.246e+04	0.01		415.0	-90.12	1488.69	100.73	1.888e+04	1.935e+04	-7345.59
28	95	3.939e+05	2.362e+04	-0.04	-0.85	0.0	35.57	-1091.60	-122.02	-2.437e+04	2.362e+04	1.737e+05
		-5.260e+04	-2.706e+04	-6.34e-03		415.0	35.57	4961.89	-122.02	-9186.36	-2.706e+04	3.939e+05
28	98	6.537e+04	2.575e+04	0.04	-0.34	0.0	-200.37	-3769.21	116.56	8379.03	-2.266e+04	-7.605e+04
		-2.211e+05	-2.266e+04	6.26e-03		415.0	-200.37	1557.11	116.56	1.813e+04	2.575e+04	6.537e+04
28	104	2.399e+05	1.182e+04	0.04	-0.37	0.0	-249.62	-3794.63	39.27	1.376e+04	-4614.48	3.636e+04
		-1.517e+05	-4614.48	-0.02		415.0	-249.62	2701.38	39.27	8947.98	1.182e+04	2.399e+05
28	105	2.194e+05	5571.24	-0.03	-0.74	0.0	84.82	-1066.18	-44.73	-2.975e+04	5571.24	6.125e+04
		-1.265e+05	-1.313e+04	0.02		415.0	84.82	3817.61	-44.73	-8.70	-1.313e+04	2.194e+05
29	12	4.980e+05	3.647e+04	0.03	-0.93	0.0	-27.21	-5832.34	109.77	7251.02	-9085.62	4.980e+05
		-2.896e+05	-9085.62	1.24e-03		415.0	-27.21	2991.31	109.77	2.762e+04	3.647e+04	-1.530e+05
29	13	3.805e+05	3.618e+04	0.02	-0.69	0.0	18.63	-4177.71	108.10	1.103e+04	-8679.93	3.805e+05
		-2.416e+05	-8679.93	1.36e-03		415.0	18.63	1818.52	108.10	2.494e+04	3.618e+04	-1.761e+05
29	24	2.908e+05	2.171e+04	0.01	-0.65	0.0	-910.50	-3532.55	-210.46	-2.197e+04	2.171e+04	1.630e+05
		-1.264e+05	-6.563e+04	-1.47e-03		415.0	-910.50	3908.93	-210.46	-6380.43	-6.563e+04	2.908e+05
29	34	2.870e+05	7.448e+04	0.02	-0.56	0.0	-279.69	-3995.18	1763.42	-6758.55	-1.276e+05	2.870e+05
		-1.450e+05	-1.276e+05	-3.87e-03		415.0	-279.69	2625.62	-1428.89	-623.14	-5.816e+04	4.036e+04
29	35	1.696e+05	7.450e+04	0.01	-0.33	0.0	-233.85	-2340.54	1761.75	-2977.32	-1.272e+05	1.696e+05
		-8.401e+04	-1.272e+05	-3.82e-03		415.0	-233.85	1452.83	-1430.55	-3296.07	-5.845e+04	1.734e+04
29	51	5.276e+05	7583.00	-0.04	-0.88	0.0	2.67	-1032.90	-54.15	-2.164e+04	7583.00	5.276e+05
		-6.206e+04	-1.488e+04	-0.01		415.0	2.67	3787.39	-54.15	-1.200e+04	-1.488e+04	4.117e+05
29	54	-6.832e+04	1.584e+04	0.03	-0.40	0.0	-167.47	-5486.10	59.61	1.271e+04	-8892.64	-6.832e+04
		-3.544e+05	-8892.64	0.01		415.0	-167.47	1073.42	59.61	2.800e+04	1.584e+04	-3.141e+05
29	63	3.689e+05	6444.44	-0.05	-0.95	0.0	127.62	-1528.03	53.88	-1.779e+04	-1.606e+04	3.689e+05
		-3.604e+04	-1.606e+04	-0.02		415.0	127.62	4713.67	53.88	-2.896e+04	6444.44	2.728e+05
29	66	9.044e+04	1.475e+04	0.04	-0.33	0.0	-292.42	-4990.97	-48.42	8847.35	1.475e+04	9.044e+04
		-2.192e+05	-5487.68	0.02		415.0	-292.42	147.14	-48.42	4.495e+04	-5487.68	-1.752e+05
29	72	1.789e+05	3.254e+04	0.05	-0.34	0.0	-229.45	-4355.57	-147.27	4018.85	3.254e+04	1.789e+05
		-1.675e+05	-2.861e+04	-8.31e-03		415.0	-229.45	1337.88	-147.27	1.792e+04	-2.861e+04	1.080e+05
29	73	2.804e+05	2.956e+04	-0.04	-0.78	0.0	64.65	-2163.43	152.73	-1.296e+04	-3.385e+04	2.804e+05

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		-9.282e+04	-3.385e+04	8.39e-03		415.0	64.65	3522.93	152.73	-1929.66	2.956e+04	-1.042e+04
29	83	4.666e+05	5903.67	-0.03	-0.81	0.0	-13.86	-1488.68	-42.54	-1.888e+04	5903.67	4.666e+05
		-7.008e+04	-1.174e+04	-9.44e-03		415.0	-13.86	3517.71	-42.54	-8922.74	-1.174e+04	3.389e+05
29	86	-7345.91	1.270e+04	0.02	-0.41	0.0	-150.94	-5030.31	48.00	9944.99	-7213.32	-7345.91
		-2.970e+05	-7213.32	9.52e-03		415.0	-150.94	1343.10	48.00	2.491e+04	1.270e+04	-2.413e+05
29	95	3.432e+05	5571.24	-0.04	-0.87	0.0	84.82	-1870.58	44.73	-1.575e+04	-1.313e+04	3.432e+05
		-5.223e+04	-1.313e+04	-0.02		415.0	84.82	4246.68	44.73	-2.168e+04	5571.24	2.278e+05
29	98	1.161e+05	1.182e+04	0.04	-0.34	0.0	-249.62	-4648.41	-39.27	6811.71	1.182e+04	1.161e+05
		-2.004e+05	-4614.48	0.02		415.0	-249.62	614.13	-39.27	3.767e+04	-4614.48	-1.302e+05
29	104	1.891e+05	2.575e+04	0.04	-0.36	0.0	-200.37	-4131.08	-116.56	2383.38	2.575e+04	1.891e+05
		-1.585e+05	-2.266e+04	-6.26e-03		415.0	-200.37	1543.63	-116.56	1.646e+04	-2.266e+04	9.055e+04
29	105	2.702e+05	2.362e+04	-0.03	-0.73	0.0	35.57	-2387.92	122.02	-1.132e+04	-2.706e+04	2.702e+05
		-9.729e+04	-2.706e+04	6.34e-03		415.0	35.57	3317.17	122.02	-463.33	2.362e+04	7060.00
30	12	2.908e+05	6.563e+04	0.01	-0.65	0.0	-910.50	-3908.93	-210.46	-6380.43	6.563e+04	2.908e+05
		-1.264e+05	-2.171e+04	-2.87e-03		415.0	-910.50	3532.55	-210.46	-2.197e+04	-2.171e+04	1.630e+05
30	13	2.677e+05	6.592e+04	0.01	-0.43	0.0	-864.66	-2736.14	-212.12	-9053.36	6.592e+04	2.677e+05
		-8.090e+04	-2.211e+04	-2.81e-03		415.0	-864.66	1877.92	-212.12	-1.818e+04	-2.211e+04	4.554e+04
30	24	4.980e+05	9085.62	0.03	-0.93	0.0	-27.21	-2991.31	109.77	2.762e+04	-3.647e+04	-1.530e+05
		-2.896e+05	-3.647e+04	1.92e-03		415.0	-27.21	5832.34	109.77	7251.02	9085.62	4.980e+05
30	25	3.805e+05	8679.93	0.02	-0.69	0.0	18.63	-1818.52	108.10	2.494e+04	-3.618e+04	-1.761e+05
		-2.416e+05	-3.618e+04	1.99e-03		415.0	18.63	4177.71	108.10	1.103e+04	8679.93	3.805e+05
30	55	5.276e+05	8892.64	-0.03	-0.88	0.0	-167.47	-1073.41	59.61	-1.200e+04	-1.584e+04	4.117e+05
		-6.206e+04	-1.584e+04	0.01		415.0	-167.47	5486.08	59.61	-2.164e+04	8892.64	5.276e+05
30	58	-6.832e+04	1.488e+04	0.03	-0.40	0.0	2.67	-3787.40	-54.15	2.799e+04	1.488e+04	-3.141e+05
		-3.544e+05	-7583.00	-0.01		415.0	2.67	1032.91	-54.15	1.270e+04	-7583.00	-6.832e+04
30	68	1.789e+05	3.385e+04	-0.01	-0.34	0.0	64.65	-3522.86	152.73	1.792e+04	-2.956e+04	1.080e+05
		-1.675e+05	-2.956e+04	8.39e-03		415.0	64.65	2163.46	152.73	4019.17	3.385e+04	1.789e+05
30	69	2.804e+05	2.861e+04	0.03	-0.78	0.0	-229.45	-1337.95	-147.27	-1929.38	2.861e+04	-1.042e+04
		-9.282e+04	-3.254e+04	-8.31e-03		415.0	-229.45	4355.53	-147.27	-1.296e+04	-3.254e+04	2.804e+05
30	75	3.689e+05	5487.68	-0.02	-0.95	0.0	-292.42	-147.08	-48.42	-2.896e+04	5487.68	2.728e+05
		-3.604e+04	-1.475e+04	0.02		415.0	-292.42	4991.01	-48.42	-1.779e+04	-1.475e+04	3.689e+05
30	78	9.043e+04	1.606e+04	0.01	-0.33	0.0	127.62	-4713.72	53.88	4.495e+04	-6444.44	-1.752e+05
		-2.192e+05	-6444.44	-0.02		415.0	127.62	1527.98	53.88	8847.04	1.606e+04	9.043e+04
30	87	4.666e+05	7213.32	-0.03	-0.81	0.0	-150.94	-1343.09	48.00	-8922.00	-1.270e+04	3.389e+05
		-7.008e+04	-1.270e+04	9.52e-03		415.0	-150.94	5030.30	48.00	-1.888e+04	7213.32	4.666e+05
30	90	-7345.67	1.174e+04	0.03	-0.41	0.0	-13.86	-3517.71	-42.54	2.491e+04	1.174e+04	-2.413e+05
		-2.970e+05	-5903.67	-9.44e-03		415.0	-13.86	1488.69	-42.54	9944.45	-5903.67	-7345.67
30	100	1.891e+05	2.706e+04	-8.79e-03	-0.36	0.0	35.57	-3317.13	122.02	1.645e+04	-2.362e+04	9.055e+04
		-1.585e+05	-2.362e+04	6.34e-03		415.0	35.57	2387.94	122.02	2383.56	2.706e+04	1.891e+05
30	101	2.702e+05	2.266e+04	0.03	-0.73	0.0	-200.37	-1543.68	-116.56	-463.16	2.266e+04	7058.40
		-9.729e+04	-2.575e+04	-6.26e-03		415.0	-200.37	4131.06	-116.56	-1.132e+04	-2.575e+04	2.702e+05
30	107	3.432e+05	4614.48	0.02	-0.87	0.0	-249.62	-614.10	-39.27	-2.168e+04	4614.48	2.278e+05
		-5.223e+04	-1.182e+04	0.02		415.0	-249.62	4648.44	-39.27	-1.575e+04	-1.182e+04	3.432e+05
30	110	1.161e+05	1.313e+04	0.01	-0.34	0.0	84.82	-4246.71	44.73	3.767e+04	-5571.24	-1.302e+05
		-2.004e+05	-5571.24	-0.02		415.0	84.82	1870.55	44.73	6811.50	1.313e+04	1.161e+05
31	12	4.980e+05	9085.62	0.03	-0.93	0.0	-27.21	-5832.34	-109.77	-7251.02	9085.62	4.980e+05
		-2.896e+05	-3.647e+04	-1.24e-03		415.0	-27.21	2991.31	-109.77	-2.762e+04	-3.647e+04	-1.530e+05
31	13	3.805e+05	8679.93	0.02	-0.69	0.0	18.63	-4177.71	-108.10	-1.103e+04	8679.93	3.805e+05
		-2.416e+05	-3.618e+04	-1.36e-03		415.0	18.63	1818.52	-108.10	-2.494e+04	-3.618e+04	-1.761e+05
31	24	2.908e+05	6.563e+04	0.01	-0.65	0.0	-910.50	-3532.55	210.46	2.197e+04	-2.171e+04	1.630e+05
		-1.264e+05	-2.171e+04	1.47e-03		415.0	-910.50	3908.93	210.46	6380.43	6.563e+04	2.908e+05
31	25	2.677e+05	6.592e+04	0.01	-0.43	0.0	-864.66	-1877.92	212.12	1.818e+04	-2.211e+04	4.554e+04
		-8.090e+04	-2.211e+04	-1.46e-03		415.0	-864.66	2736.14	212.12	9053.36	6.592e+04	2.677e+05
31	59	5.276e+05	2.835e+04	-0.03	-0.88	0.0	-92.32	-1032.90	127.33	-1.270e+04	-2.450e+04	5.276e+05
		-6.206e+04	-2.450e+04	0.01		415.0	-92.32	3787.42	127.33	-2.799e+04	2.835e+04	4.117e+05
31	62	-6.832e+04	2.581e+04	0.02	-0.40	0.0	-72.48	-5486.09	-132.79	2.164e+04	2.581e+04	-6.832e+04
		-3.544e+05	-2.931e+04	-0.01		415.0	-72.48	1073.39	-132.79	1.200e+04	-2.931e+04	-3.141e+05
31	68	2.461e+05	1.606e+04	0.01	-0.36	0.0	127.62	-3946.32	-53.88	9734.44	1.606e+04	2.461e+05
		-1.606e+05	-6444.44	0.02		415.0	127.62	713.69	-53.88	1.959e+04	-6444.44	3.431e+04
31	69	2.132e+05	5487.68	0.02	-0.80	0.0	-292.42	-2572.67	48.42	-795.16	-1.475e+04	2.132e+05
		-1.347e+05	-1.475e+04	-0.02		415.0	-292.42	4147.12	48.42	-3.558e+04	5487.68	6.330e+04
31	75	4.360e+05	2.861e+04	0.03	-0.93	0.0	-229.45	-1118.78	147.27	-1.207e+04	-3.254e+04	4.360e+05
		-4.012e+04	-3.254e+04	8.31e-03		415.0	-229.45	4089.48	147.27	-2.729e+04	2.861e+04	1.991e+05
31	78	2.326e+04	3.385e+04	0.01	-0.33	0.0	64.65	-5400.22	-152.73	2.101e+04	3.385e+04	2.326e+04
		-2.475e+05	-2.956e+04	-8.39e-03		415.0	64.65	771.32	-152.73	1.130e+04	-2.956e+04	-1.015e+05
31	91	4.666e+05	2.246e+04	0.03	-0.81	0.0	-90.12	-1488.68	100.73	-9944.45	-1.935e+04	4.666e+05
		-7.008e+04	-1.935e+04	0.01		415.0	-90.12	3517.73	100.73	-2.491e+04	2.246e+04	3.389e+05
31	94	-7345.98	2.066e+04	0.02	-0.41	0.0	-74.68	-5030.31	-106.19	1.888e+04	2.066e+04	-7345.98
		-2.970e+05	-2.342e+04	-0.01		415.0	-74.68	1343.08	-106.19	8922.10	-2.342e+04	-2.413e+05
31	100	2.399e+05	1.313e+04	0.01	-0.37	0.0	84.82	-3817.58	-44.73	8948.19	1.313e+04	2.399e+05
		-1.517e+05	-5571.24	0.02		415.0	84.82	1066.21	-44.73	1.376e+04	-5571.24	3.636e+04
31	101	2.194e+05	4614.48	0.02	-0.74	0.0	-249.62	-2701.41	39.27	-8.90	-1.182e+04	2.194e+05
		-1.265e+05	-1.182e+04	-0.02		415.0	-249.62	3794.60	39.27	-2.975e+04	4614.48	6.124e+04

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
31	107	3.939e+05	2.266e+04	0.03	-0.85	0.0	-200.37	-1557.09	116.56	-9186.19	-2.575e+04	3.939e+05
		-5.259e+04	-2.575e+04	6.26e-03		415.0	-200.37	3769.25	116.56	-2.437e+04	2.266e+04	1.737e+05
31	110	6.537e+04	2.706e+04	8.79e-03	-0.34	0.0	35.57	-4961.91	-122.02	1.813e+04	2.706e+04	6.537e+04
		-2.211e+05	-2.362e+04	-6.34e-03		415.0	35.57	1091.55	-122.02	8379.20	-2.362e+04	-7.606e+04
32	12	3.111e+05	0.0	0.02	-0.71	0.0	-2058.02	-4687.85	0.0	0.0	0.0	3.111e+05
		-1.629e+05	0.0	0.0		415.0	-2058.02	5102.25	0.0	0.0	0.0	2.801e+05
32	24	6.147e+05	0.0	0.04	-0.74	0.0	138.58	-2601.11	0.0	0.0	0.0	-1.841e+05
		-3.005e+05	0.0	0.0		415.0	138.58	7208.61	0.0	0.0	0.0	6.147e+05
32	25	4.420e+05	0.0	0.02	-0.51	0.0	175.31	-1223.86	0.0	0.0	0.0	-2.100e+05
		-2.450e+05	0.0	0.0		415.0	175.31	4836.17	0.0	0.0	0.0	4.420e+05
32	33	3.731e+05	1.711e+04	0.02	-0.63	0.0	145.18	-3095.10	93.12	2563.48	-2.154e+04	5.271e+04
		-1.723e+05	-2.154e+04	-1.58e-03		415.0	145.18	5141.63	93.12	-1932.28	1.711e+04	3.731e+05
32	35	2.746e+05	1.711e+04	0.02	-0.47	0.0	165.43	-2267.76	93.12	2563.48	-2.154e+04	3.775e+04
		-1.268e+05	-2.154e+04	-1.58e-03		415.0	165.43	3782.16	93.12	-1932.28	1.711e+04	2.746e+05
32	52	5.273e+05	4129.88	-0.02	-0.58	0.0	-32.21	-1099.60	17.38	-3621.00	-3084.40	3.742e+05
		-1.075e+05	-3084.40	-0.02		415.0	-32.21	5584.63	17.38	-4766.71	4129.88	5.273e+05
32	53	7.843e+04	3084.40	0.03	-0.50	0.0	-78.86	-3878.87	-17.38	3621.00	3084.40	-2.893e+05
		-3.136e+05	-4129.88	0.02		415.0	-78.86	2755.69	-17.38	4766.71	-4129.88	7.843e+04
32	54	7.843e+04	1.115e+04	0.03	-0.50	0.0	-78.86	-3878.87	51.81	1.017e+04	-1.035e+04	-2.893e+05
		-3.136e+05	-1.035e+04	8.79e-03		415.0	-78.86	2755.69	51.81	7083.72	1.115e+04	7.843e+04
32	59	5.273e+05	3084.40	-0.02	-0.60	0.0	-32.21	-1099.58	-17.38	-1.017e+04	3084.40	3.742e+05
		-1.075e+05	-4129.88	0.02		415.0	-32.21	5584.63	-17.38	-7083.72	-4129.88	5.273e+05
32	63	3.702e+05	2.893e+04	0.02	-0.53	0.0	-48.54	-2072.35	-146.37	-6584.39	2.893e+04	1.420e+05
		-1.187e+05	-3.181e+04	-9.01e-03		415.0	-48.54	4594.50	-146.37	-1.136e+04	-3.181e+04	3.702e+05
32	66	2.355e+05	3.181e+04	0.02	-0.53	0.0	-62.53	-2906.13	146.37	6584.39	-2.893e+04	-5.704e+04
		-1.731e+05	-2.893e+04	9.01e-03		415.0	-62.53	3745.82	146.37	1.136e+04	3.181e+04	2.355e+05
32	84	4.819e+05	3208.07	-0.01	-0.56	0.0	-36.93	-1380.92	13.45	-3094.22	-2372.68	3.071e+05
		-1.087e+05	-2372.68	-0.01		415.0	-36.93	5298.31	13.45	-3871.45	3208.07	4.819e+05
32	85	1.239e+05	2372.68	0.03	-0.50	0.0	-74.14	-3597.56	-13.45	3094.22	2372.68	-2.221e+05
		-2.637e+05	-3208.07	0.01		415.0	-74.14	3042.02	-13.45	3871.45	-3208.07	1.239e+05
32	86	1.239e+05	9043.50	0.03	-0.50	0.0	-74.14	-3597.56	42.05	8365.05	-8406.62	-2.221e+05
		-2.637e+05	-8406.62	7.49e-03		415.0	-74.14	3042.02	42.05	5976.52	9043.50	1.239e+05
32	91	4.819e+05	2372.68	-0.01	-0.57	0.0	-36.93	-1380.90	-13.45	-8365.05	2372.68	3.071e+05
		-1.087e+05	-3208.07	0.01		415.0	-36.93	5298.30	-13.45	-5976.52	-3208.07	4.819e+05
32	95	3.566e+05	2.305e+04	0.02	-0.52	0.0	-49.95	-2156.74	-116.63	-5808.83	2.305e+04	1.219e+05
		-1.217e+05	-2.535e+04	-6.80e-03		415.0	-49.95	4508.60	-116.63	-9188.47	-2.535e+04	3.566e+05
32	98	2.492e+05	2.535e+04	0.02	-0.52	0.0	-61.12	-2821.73	116.63	5808.83	-2.305e+04	-3.690e+04
		-1.648e+05	-2.305e+04	6.80e-03		415.0	-61.12	3831.72	116.63	9188.47	2.535e+04	2.492e+05
33	12	6.147e+05	0.0	0.04	-0.74	0.0	138.58	-7208.61	0.0	0.0	0.0	6.147e+05
		-3.005e+05	0.0	0.0		415.0	138.58	2601.11	0.0	0.0	0.0	-1.841e+05
33	13	4.420e+05	0.0	0.02	-0.51	0.0	175.31	-4836.17	0.0	0.0	0.0	4.420e+05
		-2.450e+05	0.0	0.0		415.0	175.31	1223.86	0.0	0.0	0.0	-2.100e+05
33	24	3.111e+05	0.0	0.02	-0.71	0.0	-2058.02	-5102.25	0.0	0.0	0.0	2.801e+05
		-1.629e+05	0.0	0.0		415.0	-2058.02	4687.85	0.0	0.0	0.0	3.111e+05
33	33	3.731e+05	1.711e+04	0.02	-0.63	0.0	145.18	-5141.63	-93.12	1932.28	1.711e+04	3.731e+05
		-1.723e+05	-2.154e+04	1.68e-03		415.0	145.18	3095.10	-93.12	-2563.48	-2.154e+04	5.271e+04
33	35	2.746e+05	1.711e+04	0.02	-0.47	0.0	165.43	-3782.16	-93.12	1932.28	1.711e+04	2.746e+05
		-1.268e+05	-2.154e+04	1.68e-03		415.0	165.43	2267.76	-93.12	-2563.48	-2.154e+04	3.775e+04
33	52	5.273e+05	1.274e+04	0.02	-0.58	0.0	-78.86	-2755.69	-59.58	-3049.21	1.274e+04	5.273e+05
		-1.075e+05	-1.198e+04	-0.01		415.0	-78.86	3878.87	-59.58	-5539.90	-1.198e+04	3.742e+05
33	53	7.843e+04	1.198e+04	0.02	-0.50	0.0	-32.21	-5584.63	59.58	3049.21	-1.274e+04	7.843e+04
		-3.136e+05	-1.274e+04	0.01		415.0	-32.21	1099.60	59.58	5539.90	1.198e+04	-2.893e+05
33	54	7.843e+04	5715.74	0.02	-0.50	0.0	-32.21	-5584.63	-25.15	8801.22	5715.74	7.843e+04
		-3.136e+05	-4721.10	0.01		415.0	-32.21	1099.60	-25.15	8249.49	-4721.10	-2.893e+05
33	59	5.273e+05	1.198e+04	0.02	-0.59	0.0	-78.86	-2755.70	59.58	-8801.22	-1.274e+04	5.273e+05
		-1.075e+05	-1.274e+04	0.01		415.0	-78.86	3878.89	59.58	-8249.49	1.198e+04	3.742e+05
33	72	3.702e+05	3.181e+04	0.02	-0.53	0.0	-62.53	-3745.82	-146.37	7809.12	3.181e+04	3.702e+05
		-1.187e+05	-2.893e+04	-9.01e-03		415.0	-62.53	2906.13	-146.37	2447.58	-2.893e+04	1.420e+05
33	73	2.355e+05	2.893e+04	0.02	-0.53	0.0	-48.54	-4594.50	146.37	-7809.12	-3.181e+04	2.355e+05
		-1.731e+05	-3.181e+04	9.01e-03		415.0	-48.54	2072.35	146.37	-2447.58	2.893e+04	-5.704e+04
33	84	4.819e+05	1.026e+04	0.02	-0.55	0.0	-74.14	-3042.02	-48.00	-2610.60	1.026e+04	4.819e+05
		-1.087e+05	-9661.64	-0.01		415.0	-74.14	3597.56	-48.00	-4502.66	-9661.64	3.071e+05
33	85	1.239e+05	9661.64	0.02	-0.50	0.0	-36.93	-5298.31	48.00	2610.60	-1.026e+04	1.239e+05
		-2.637e+05	-1.026e+04	0.01		415.0	-36.93	1380.92	48.00	4502.66	9661.64	-2.221e+05
33	86	1.239e+05	4424.53	0.02	-0.50	0.0	-36.93	-5298.31	-19.40	7237.36	4424.53	1.239e+05
		-2.637e+05	-3627.70	9.88e-03		415.0	-36.93	1380.92	-19.40	6956.62	-3627.70	-2.221e+05
33	91	4.819e+05	9661.64	0.02	-0.57	0.0	-74.14	-3042.02	48.00	-7237.36	-1.026e+04	4.819e+05
		-1.087e+05	-1.026e+04	0.01		415.0	-74.14	3597.57	48.00	-6956.62	9661.64	3.071e+05
33	104	3.566e+05	2.535e+04	0.02	-0.52	0.0	-61.12	-3831.72	-116.63	6234.07	2.535e+04	3.566e+05
		-1.217e+05	-2.305e+04	-6.80e-03		415.0	-61.12	2821.73	-116.63	2371.05	-2.305e+04	1.219e+05
33	105	2.492e+05	2.305e+04	0.02	-0.52	0.0	-49.95	-4508.60	116.63	-6234.07	-2.535e+04	2.492e+05
		-1.648e+05	-2.535e+04	6.80e-03		415.0	-49.95	2156.74	116.63	-2371.05	2.305e+04	-3.690e+04

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
Trave f.		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Pt**		**N**	**V 2**	**V 3**	**T**		
		-3.815e+05	-1.276e+05	-0.05	-0.98		-2186.90	-7208.61	-1763.42	-4.402e+04		
		6.147e+05	1.237e+05	0.05	-0.33		1767.18	7208.61	1763.42	4.495e+04		

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

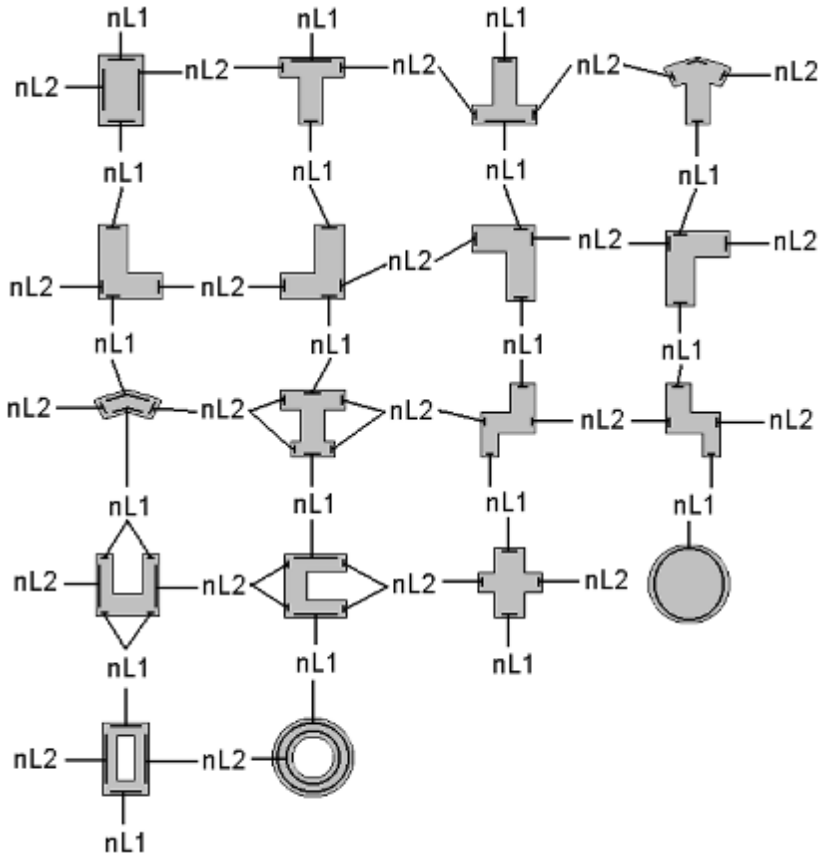
Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d, le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

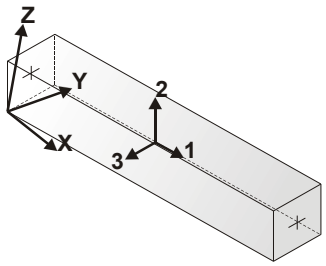
Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze **(G.R.)** vengono riportate le verifiche di sovraresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

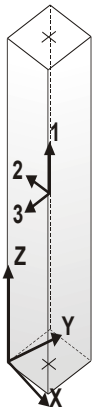
Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali





Orientamento elementi 2D non verticali



Orientamento elementi 2D verticali

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

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

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

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

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

Simbologia adottata nelle tabelle di verifica

Per le verifiche alle T.A. di pilastri e travi è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
M_T Z P P	Numero della travata, quota media pilastrata iniziale e finale (nodo in assenza di pilastrata)
Pilas. o Trave	numero identificativo dell'elemento D2
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m); nella terza riga viene riportato il valore delle snellezze in direzione 2-2 e 3-3
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Quota	Ascissa del punto di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Armat. long.	Numero e diametro dei ferri di armatura longitudinale: ferri di vertice + ferri di lato (come da fig. precedente)
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup	Area di armatura longitudinale posta all'estradosso della trave
Sc max	Massima tensione di compressione del calcestruzzo
Sc med	Massima tensione media di compressione del calcestruzzo
Sf max	Tensione massima nell'acciaio
staffe	Vengono riportati i dati del tratto di staffatura in cui cade la sezione di verifica; in particolare: numero dei bracci, diametro, passo, lunghezza tratto
Tau max	Tensione massima tangenziale nel cls
Rif. comb	Combinazioni in cui si generano i seguenti valori di tensione: Sc max, Sc med, Sf max, Tau max
AfV	area dell'armatura atta ad assorbire le azioni di taglio
AfT	area dell'armatura atta ad assorbire le azioni di torsione
Scorr. P	Scorrimento dei piegati
Af long.	Area del ferro longitudinale aggiuntivo per assorbire la torsione

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^*: valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto Nsd/Nrd ed Nrd calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche alla G.R. dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	numero identificativo dell'elemento D2 pilastro
sovr. Xi (Xf)	Verifica sovraresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovraresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per le verifiche dei dettagli costruttivi per la duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29
dmu_fi 2-2 (3-3)	Domanda in duttilità di curvatura in direzione 2 (3)
cmu_fi 2-2 (3-3)	Capacità in duttilità di curvatura in direzione 2 (3)
V. dutt. 2-2 (3-3)	Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3)

Per le verifiche nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
Bj2 (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
Hjc2 (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio Vjbd e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effattivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Fattore di sicurezza nei riguardi della verifica di resistenza a compressione (verificato se < 1.00).
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione.
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione.
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione.
ver. (-)	Fattore di sicurezza nei riguardi della verifica di resistenza a trazione (verificato se < 1.00).
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione.
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione.
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione.
Area G	Area resistente del nodo.
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte

%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

Per le verifiche alla G.R. delle travi è presente una tabella con i simboli di seguito descritti:

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
VEd, min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
VEd, max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
Vr1	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

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

Test N°	Titolo
24	TENSIONI E ROTAZIONI RISPETTO ALLA CORDA DI ELEMENTI TRAVE
27	FRECCIA DI ELEMENTI TRAVE
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
68	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
69	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D
120	PROGETTO E VERIFICA DI TRAVI PREM

					M_P= 1	**X=0.0**	**Y=0.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
			cm						L=cm			
1	s=1,m=1	ok,ok	0.0	1.16	0.38	4d16 2+2 d14	0.57	0.05	3+3d8/10 L=80	0.28	0.13	52,74,52,57
			231.0	1.16	0.38	4d16 2+2 d14	0.12	0.05	3+3d8/15 L=302	0.28	0.20	61,74,52,57
	[b=1.0;1.0]		462.0	1.16	0.38	4d16 2+2 d14	0.57	0.04	3+3d8/10 L=80	0.28	0.13	72,74,52,57
					M_P= 2	**X=415.0**	**Y=0.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
2	s=1,m=1	ok,ok	0.0	1.16	0.50	4d16 2+2 d14	0.60	0.09	3+3d8/10 L=80	0.29	0.14	52,72,73,56
			231.0	1.16	0.50	4d16 2+2 d14	0.11	0.08	3+3d8/15 L=302	0.29	0.21	28,72,73,56
	[b=1.0;1.0]		462.0	1.16	0.50	4d16 2+2 d14	0.64	0.07	3+3d8/10 L=80	0.29	0.14	52,72,73,56
					M_P= 3	**X=830.0**	**Y=0.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
3	s=1,m=1	ok,ok	0.0	1.16	0.38	4d16 2+2 d14	0.57	0.05	3+3d8/10 L=80	0.28	0.13	50,64,50,59
			231.0	1.16	0.38	4d16 2+2 d14	0.12	0.05	3+3d8/15 L=302	0.28	0.20	55,64,50,59

	[b=1.0;1.0]		462.0	1.16	0.38	4d16 2+2 d14	0.57	0.04	3+3d8/10 L=80	0.28	0.13	66,64,50,59
					M_P= 4	**X=0.0**	**Y=415.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
4	s=1,m=1	ok,ok	0.0	1.16	0.56	4d16 2+2 d14	0.60	0.10	3+3d8/10 L=80	0.29	0.14	75,61,52,63
			231.0	1.16	0.56	4d16 2+2 d14	0.06	0.09	3+3d8/15 L=302	0.29	0.21	12,61,52,63
	[b=1.0;1.0]		462.0	1.16	0.56	4d16 2+2 d14	0.58	0.09	3+3d8/10 L=80	0.29	0.14	72,61,52,63
					M_P= 5	**X=415.0**	**Y=415.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
5	s=1,m=1	ok,ok	0.0	1.16	0.71	4d16 2+2 d14	0.47	0.15	3+3d8/10 L=80	0.27	0.15	73,60,72,47
			231.0	1.16	0.71	4d16 2+2 d14	0.09	0.14	3+3d8/15 L=302	0.27	0.22	38,60,72,47
	[b=1.0;1.0]		462.0	1.16	0.71	4d16 2+2 d14	0.46	0.14	3+3d8/10 L=80	0.27	0.15	72,78,72,47
					M_P= 6	**X=830.0**	**Y=415.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
6	s=1,m=1	ok,ok	0.0	1.16	0.56	4d16 2+2 d14	0.60	0.10	3+3d8/10 L=80	0.29	0.14	66,60,57,72
			231.0	1.16	0.56	4d16 2+2 d14	0.06	0.09	3+3d8/15 L=302	0.29	0.21	24,60,57,72
	[b=1.0;1.0]		462.0	1.16	0.56	4d16 2+2 d14	0.58	0.09	3+3d8/10 L=80	0.29	0.14	69,60,57,72
					M_P= 7	**X=0.0**	**Y=830.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
7	s=1,m=1	ok,ok	0.0	1.16	0.38	4d16 2+2 d14	0.57	0.05	3+3d8/10 L=80	0.28	0.13	59,77,59,50
			231.0	1.16	0.38	4d16 2+2 d14	0.12	0.05	3+3d8/15 L=302	0.28	0.20	54,77,59,50
	[b=1.0;1.0]		462.0	1.16	0.38	4d16 2+2 d14	0.57	0.04	3+3d8/10 L=80	0.28	0.13	75,77,59,50
					M_P= 8	**X=415.0**	**Y=830.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
8	s=1,m=1	ok,ok	0.0	1.16	0.50	4d16 2+2 d14	0.60	0.09	3+3d8/10 L=80	0.29	0.14	57,73,68,47
			231.0	1.16	0.50	4d16 2+2 d14	0.11	0.08	3+3d8/15 L=302	0.29	0.21	38,73,68,47
	[b=1.0;1.0]		462.0	1.16	0.50	4d16 2+2 d14	0.64	0.07	3+3d8/10 L=80	0.29	0.14	57,73,68,47
					M_P= 9	**X=830.0**	**Y=830.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
9	s=1,m=1	ok,ok	0.0	1.16	0.38	4d16 2+2 d14	0.57	0.05	3+3d8/10 L=80	0.28	0.13	57,67,57,52
			231.0	1.16	0.38	4d16 2+2 d14	0.12	0.05	3+3d8/15 L=302	0.28	0.20	48,67,57,52
	[b=1.0;1.0]		462.0	1.16	0.38	4d16 2+2 d14	0.57	0.04	3+3d8/10 L=80	0.28	0.13	69,67,57,52
Pilas.				**%Af**	**r. snell.**		**V N/M**	**V N sis**		**V V/T cls**	**V V/T acc**	
				1.16	0.71		0.64	0.15		0.29	0.22	

Pilas.	**sovr. Xi**	**sovr. Xf**	**sovr. Yi**	**sovr. Yf**	**M 2-2 i**	**M 2-2 f**	**M 3-3 i**	**M 3-3 f**	**Luce per V**	**V M2-2**	**V M3-3**
					daN cm	daN cm	daN cm	daN cm	cm	daN	daN
1	0.0	0.0	0.0	0.0	8.436e+05	8.261e+05	8.436e+05	8.261e+05	442.00	4199.04	4199.04
2	0.0	0.0	0.0	0.0	8.889e+05	8.717e+05	8.889e+05	8.717e+05	442.00	4424.48	4424.48
3	0.0	0.0	0.0	0.0	8.436e+05	8.261e+05	8.436e+05	8.261e+05	442.00	4199.04	4199.04
4	0.0	0.0	0.0	0.0	9.076e+05	8.906e+05	9.076e+05	8.906e+05	442.00	4517.67	4517.67
5	0.0	0.0	0.0	0.0	9.703e+05	9.539e+05	9.703e+05	9.539e+05	442.00	4829.51	4829.51
6	0.0	0.0	0.0	0.0	9.076e+05	8.906e+05	9.076e+05	8.906e+05	442.00	4517.67	4517.67
7	0.0	0.0	0.0	0.0	8.436e+05	8.261e+05	8.436e+05	8.261e+05	442.00	4199.04	4199.04
8	0.0	0.0	0.0	0.0	8.889e+05	8.717e+05	8.889e+05	8.717e+05	442.00	4424.48	4424.48
9	0.0	0.0	0.0	0.0	8.436e+05	8.261e+05	8.436e+05	8.261e+05	442.00	4199.04	4199.04
Pilas.					**M 2-2 i**	**M 2-2 f**	**M 3-3 i**	**M 3-3 f**		**V M2-2**	**V M3-3**
					9.703e+05	9.539e+05	9.703e+05	9.539e+05		4829.51	4829.51

Pilas.	**nid**	**alfaomega**	**V. 7.4.29**	**V. 7.4.29**	**V. 7.4.29**	**dmu_fi**	**dmu_fi**	**cmu_fi**	**cmu_fi**	**V. dut.**	**V. dut.**
			2-2	**3-3**	**Stato**	**2-2**	**3-3**	**2-2**	**3-3**	**2-2**	**3-3**
1	0.04	0.14	0.0	0.0	ok	4.8	4.8	27.5	27.5	0.17	0.17
	0.03	0.14	0.0	0.0	ok			30.1	30.1	0.16	0.16
2	0.06	0.14	0.0	0.0	ok	4.8	4.8	22.3	22.3	0.22	0.22
	0.05	0.14	0.0	0.0	ok			24.0	24.0	0.20	0.20
3	0.04	0.14	0.0	0.0	ok	4.8	4.8	27.5	27.5	0.17	0.17
	0.03	0.14	0.0	0.0	ok			30.1	30.1	0.16	0.16
4	0.07	0.14	0.0	0.0	ok	4.8	4.8	20.6	20.6	0.23	0.23
	0.06	0.14	0.0	0.0	ok			22.1	22.1	0.22	0.22
5	0.10	0.14	0.0	0.0	ok	4.8	4.8	16.2	16.2	0.30	0.30
	0.09	0.14	0.0	0.0	ok			17.2	17.2	0.28	0.28
6	0.07	0.14	0.0	0.0	ok	4.8	4.8	20.6	20.6	0.23	0.23
	0.06	0.14	0.0	0.0	ok			22.1	22.1	0.22	0.22
7	0.04	0.14	0.0	0.0	ok	4.8	4.8	27.5	27.5	0.17	0.17
	0.03	0.14	0.0	0.0	ok			30.1	30.1	0.16	0.16
8	0.06	0.14	0.0	0.0	ok	4.8	4.8	22.3	22.3	0.22	0.22
	0.05	0.14	0.0	0.0	ok			24.0	24.0	0.20	0.20

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29	dmu_fi	dmu_fi	cmu_fi	cmu_fi	V. dut.	V. dut.
9	0.04	0.14	0.0	0.0	ok	4.8	4.8	27.5	27.5	0.17	0.17
	0.03	0.14	0.0	0.0	ok			30.1	30.1	0.16	0.16
			2-2	**3-3**						**2-2**	**3-3**
			0.0	0.0						0.30	0.30

Nodo	Conf.	Stato	Pilas.	Diam st	Passo	n. br. 2	Bj2	Hjc2	n. br. 3	Bj3	Hjc3	V. 7.4.8	V. Ash	7.4.10	Rif. cmb
				mm	cm		cm	cm		cm	cm				
2	NO	ok	1	8	10.0	4	35.0	25.8	4	35.0	25.8	0.4	0.9	NO	47,51
4	NO	ok	2	8	5.0	4	35.0	25.8	4	35.0	25.8	0.6	0.9	NO	47,47
6	NO	ok	3	8	10.0	4	35.0	25.8	4	35.0	25.8	0.4	0.9	NO	47,49
8	NO	ok	4	8	5.0	4	35.0	25.8	4	35.0	25.8	0.6	0.9	NO	63,63
10	SI	ok	5	8	8.0	4	35.0	25.8	4	35.0	25.8	0.7	0.8	NO	63,63
12	NO	ok	6	8	5.0	4	35.0	25.8	4	35.0	25.8	0.6	0.9	NO	63,63
14	NO	ok	7	8	10.0	4	35.0	25.8	4	35.0	25.8	0.4	0.9	NO	47,60
16	NO	ok	8	8	5.0	4	35.0	25.8	4	35.0	25.8	0.6	0.9	NO	47,47
18	NO	ok	9	8	10.0	4	35.0	25.8	4	35.0	25.8	0.4	0.9	NO	47,58
Nodo					**Passo**							**V. 7.4.8**	**V. Ash**		
					5.00										
												0.67	0.93		

							M_T= 7	**Z=0.0**	**P=3**	**P=9**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
		cm									L=cm		
22	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.62	0.15	0.10	2d12/15 L=50	63,54,50	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.31	0.09	0.08	2d12/25 L=280	58,71,67	
		415.0	0.23	5.6	5.6	0.0	0.10	0.85	0.16	0.13	2d12/15 L=50	67,12,12	
23	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.85	0.16	0.13	2d12/15 L=50	63,74,12	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.31	0.09	0.08	2d12/25 L=280	50,78,66	
		415.0	0.23	5.6	5.6	0.0	0.10	0.62	0.15	0.10	2d12/15 L=50	67,59,55	
							M_T= 8	**Z=0.0**	**P=2**	**P=8**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
27	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.55	0.09	0.07	2d12/15 L=50	66,74,66	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.27	0.05	0.07	2d12/25 L=280	38,75,71	
		415.0	0.23	5.6	5.6	0.0	0.10	0.80	0.14	0.14	2d12/15 L=50	63,38,38	
24	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.80	0.15	0.15	2d12/15 L=50	63,28,28	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.27	0.05	0.07	2d12/25 L=280	28,66,74	
		415.0	0.23	5.6	5.6	0.0	0.10	0.55	0.09	0.07	2d12/15 L=50	66,67,63	
							M_T= 9	**Z=0.0**	**P=1**	**P=7**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
26	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.62	0.17	0.10	2d12/15 L=50	71,50,54	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.31	0.09	0.08	2d12/25 L=280	62,63,75	
		415.0	0.23	5.6	5.6	0.0	0.10	0.85	0.17	0.13	2d12/15 L=50	75,67,24	
25	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.85	0.17	0.13	2d12/15 L=50	71,66,24	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.31	0.09	0.08	2d12/25 L=280	54,70,74	
		415.0	0.23	5.6	5.6	0.0	0.10	0.62	0.17	0.10	2d12/15 L=50	75,55,59	
							M_T= 10	**Z=0.0**	**P=1**	**P=3**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
28	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.66	0.15	0.10	2d12/15 L=50	51,78,74	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.29	0.09	0.07	2d12/25 L=280	66,59,47	
		415.0	0.23	5.6	5.6	0.0	0.10	0.78	0.15	0.12	2d12/15 L=50	47,55,24	
29	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.79	0.15	0.12	2d12/15 L=50	51,62,12	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.29	0.09	0.07	2d12/25 L=280	74,58,54	
		415.0	0.23	5.6	5.6	0.0	0.10	0.67	0.15	0.10	2d12/15 L=50	47,67,63	
							M_T= 11	**Z=0.0**	**P=7**	**P=9**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
30	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.66	0.17	0.10	2d12/15 L=50	59,74,78	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.30	0.08	0.07	2d12/25 L=280	70,51,55	
		415.0	0.23	5.6	5.6	0.0	0.10	0.78	0.16	0.12	2d12/15 L=50	55,47,24	
31	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.78	0.16	0.12	2d12/15 L=50	59,54,12	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.29	0.08	0.07	2d12/25 L=280	78,50,62	
		415.0	0.23	5.6	5.6	0.0	0.10	0.66	0.17	0.10	2d12/15 L=50	55,63,67	
							M_T= 12	**Z=0.0**	**P=4**	**P=6**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
32	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.57	0.10	0.10	2d12/15 L=50	59,54,12	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.29	0.05	0.06	2d12/25 L=280	18,47,51	

		415.0	0.23	5.6	5.6	0.0	0.10	0.81	0.15	0.15	2d12/15 L=50	24,18,18	
33	ok,ok	0.0	0.23	5.6	5.6	0.0	0.10	0.81	0.15	0.15	2d12/15 L=50	12,8,8	
	s=2,m=1	207.5	0.23	5.6	5.6	0.0	0.10	0.29	0.05	0.06	2d12/25 L=280	8,62,54	
		415.0	0.23	5.6	5.6	0.0	0.10	0.57	0.10	0.10	2d12/15 L=50	59,55,24	
							M_T= 1	**Z=462.0**	**P=7**	**P=9**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
10	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.46	0.26	0.13	2d8/8 L=50	59,53,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.11	0.23	0.20	2d8/15 L=280	55,53,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.44	0.26	0.13	2d8/8 L=50	59,53,78	
11	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.44	0.26	0.13	2d8/8 L=50	57,47,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.11	0.23	0.20	2d8/15 L=280	61,47,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.46	0.26	0.13	2d8/8 L=50	57,47,78	
							M_T= 2	**Z=462.0**	**P=4**	**P=6**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
12	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.40	0.20	0.13	2d8/8 L=50	53,72,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.11	0.17	0.20	2d8/15 L=280	12,72,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.35	0.20	0.13	2d8/8 L=50	52,72,78	
13	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.35	0.20	0.13	2d8/8 L=50	53,63,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.11	0.17	0.20	2d8/15 L=280	24,63,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.40	0.20	0.13	2d8/8 L=50	52,63,78	
							M_T= 3	**Z=462.0**	**P=1**	**P=3**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
14	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.46	0.26	0.13	2d8/8 L=50	52,62,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.11	0.23	0.20	2d8/15 L=280	48,62,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.44	0.26	0.13	2d8/8 L=50	52,62,78	
15	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.44	0.26	0.13	2d8/8 L=50	50,56,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.11	0.23	0.20	2d8/15 L=280	54,56,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.46	0.26	0.13	2d8/8 L=50	50,56,78	
							M_T= 4	**Z=462.0**	**P=1**	**P=7**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
16	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.54	0.31	0.19	2d8/8 L=50	72,66,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.36	0.19	0.20	2d8/15 L=280	28,66,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.76	0.31	0.19	2d8/8 L=50	73,66,78	
17	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.76	0.31	0.19	2d8/8 L=50	78,69,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.36	0.19	0.20	2d8/15 L=280	38,69,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.54	0.31	0.19	2d8/8 L=50	75,69,78	
							M_T= 5	**Z=462.0**	**P=2**	**P=8**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
18	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.61	0.38	0.26	2d8/8 L=50	64,47,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.63	0.19	0.23	2d8/15 L=280	28,47,78	
		415.0	0.51	5.6	7.1	0.0	0.13	0.96	0.41	0.29	2d8/8 L=50	28,28,28	
19	ok,ok	0.0	0.51	5.6	7.1	0.0	0.13	0.93	0.41	0.28	2d8/8 L=50	38,38,38	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.62	0.19	0.23	2d8/15 L=280	38,56,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.61	0.38	0.26	2d8/8 L=50	65,56,78	
							M_T= 6	**Z=462.0**	**P=3**	**P=9**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
20	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.54	0.31	0.19	2d8/8 L=50	66,72,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.36	0.19	0.20	2d8/15 L=280	28,72,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.76	0.31	0.19	2d8/8 L=50	63,72,78	
21	ok,ok	0.0	0.40	5.6	5.6	0.0	0.11	0.76	0.31	0.19	2d8/8 L=50	68,75,78	
	s=3,m=1	207.5	0.40	5.6	5.6	0.0	0.11	0.36	0.19	0.20	2d8/15 L=280	38,75,78	
		415.0	0.40	5.6	5.6	0.0	0.11	0.54	0.31	0.19	2d8/8 L=50	69,75,78	
Trave			**%Af**	**Af inf.**	**Af. sup**	**Af long.**	**x/d**	**V N/M**	**V V/T cls**	**V V/T acc**			
			0.51	5.56	7.10	0.0	0.13	0.96	0.41	0.29			

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	daN cm	daN cm	daN cm	daN cm	cm	daN	daN	daN	daN	daN	cm2
10	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
11	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
12	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
13	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
14	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
15	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
16	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
17	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
18	7.453e+05	7.453e+05	9.429e+05	7.453e+05	380.00	4314.76	4887.01	0.0	0.0	0.0	0.0
19	9.429e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4887.01	4314.76	0.0	0.0	0.0	0.0
20	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0
21	7.453e+05	7.453e+05	7.453e+05	7.453e+05	380.00	4314.87	4314.87	0.0	0.0	0.0	0.0

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
Trave	M negativo i	M positivo i	M negativo f	M positivo f		V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
								0.0			
	9.429e+05	7.453e+05	9.429e+05	7.453e+05		4887.01	4887.01		0.0	0.0	0.0

TABULATO DI CALCOLO RELATIVO ALL'IMPIANTO DI SOLLEVAMENTO. (VASCA)

MODELLAZIONE STRUTTURA : NODI

LEGENDA TABELLA DATI NODI

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

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

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

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

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

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
1	0.0	0.0	0.0	2	860.0	0.0	0.0	3	0.0	405.0	0.0
4	860.0	405.0	0.0	5	500.5	203.0	357.5	6	860.0	0.0	425.0
7	0.0	405.0	425.0	8	860.0	405.0	425.0	9	0.0	405.0	357.5
10	325.0	0.0	390.0	11	452.0	0.0	292.5	12	325.0	0.0	292.5
13	452.0	0.0	325.0	14	325.0	0.0	325.0	15	452.0	0.0	357.5
16	325.0	0.0	425.0	17	0.0	303.8	357.5	18	0.0	203.0	65.0
19	452.0	0.0	425.0	20	500.5	0.0	390.0	21	500.5	0.0	425.0
22	549.0	0.0	390.0	23	549.0	0.0	425.0	24	597.5	0.0	390.0
25	597.5	0.0	425.0	26	646.0	0.0	425.0	27	699.5	0.0	425.0
28	753.0	0.0	425.0	29	806.5	0.0	425.0	30	646.0	203.0	260.0
31	500.5	203.0	390.0	32	500.5	203.0	325.0	33	452.0	203.0	292.5
34	452.0	203.0	325.0	35	452.0	203.0	357.5	36	452.0	203.0	390.0
37	106.5	0.0	425.0	38	325.0	203.0	292.5	39	646.0	203.0	425.0
40	325.0	203.0	325.0	41	325.0	203.0	357.5	42	646.0	203.0	0.0
43	325.0	203.0	390.0	44	500.5	203.0	425.0	45	452.0	203.0	425.0
46	325.0	203.0	425.0	47	500.5	203.0	292.5	48	646.0	203.0	390.0
49	597.5	203.0	260.0	50	646.0	203.0	357.5	51	500.5	203.0	0.0
52	500.5	203.0	130.0	53	646.0	203.0	292.5	54	646.0	203.0	325.0
55	500.5	203.0	65.0	56	325.0	203.0	130.0	57	325.0	203.0	65.0
58	325.0	203.0	0.0	59	452.0	203.0	195.0	60	452.0	203.0	260.0
61	452.0	203.0	130.0	62	452.0	203.0	65.0	63	452.0	203.0	0.0
64	500.5	203.0	195.0	65	500.5	203.0	260.0	66	213.0	0.0	0.0
67	213.0	0.0	425.0	68	213.0	203.0	0.0	69	213.0	203.0	425.0
70	452.0	0.0	0.0	71	452.0	0.0	260.0	72	597.5	101.3	425.0
73	325.0	0.0	357.5	74	213.0	0.0	65.0	75	325.0	0.0	65.0
76	325.0	0.0	0.0	77	213.0	0.0	130.0	78	325.0	0.0	130.0
79	213.0	0.0	195.0	80	325.0	0.0	195.0	81	213.0	0.0	260.0
82	325.0	0.0	260.0	83	0.0	405.0	390.0	84	0.0	303.8	390.0
85	0.0	203.0	292.5	86	106.5	101.3	425.0	87	106.5	203.0	425.0
88	0.0	203.0	130.0	89	0.0	203.0	195.0	90	0.0	101.3	65.0
91	0.0	101.3	130.0	92	0.0	101.3	195.0	93	452.0	0.0	65.0

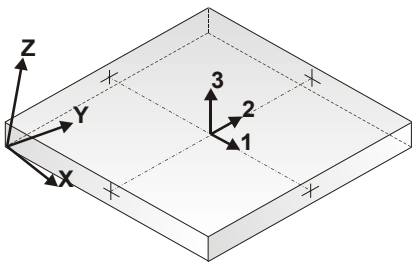
Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
94	452.0	0.0	130.0	95	452.0	0.0	195.0	96	646.0	0.0	0.0
97	646.0	0.0	260.0	98	452.0	0.0	390.0	99	646.0	0.0	390.0
100	500.5	0.0	195.0	101	500.5	0.0	260.0	102	500.5	0.0	130.0
103	500.5	0.0	65.0	104	500.5	0.0	0.0	105	549.0	0.0	195.0
106	549.0	0.0	260.0	107	549.0	0.0	130.0	108	549.0	0.0	65.0
109	549.0	0.0	0.0	110	597.5	0.0	195.0	111	597.5	0.0	260.0
112	597.5	0.0	130.0	113	597.5	0.0	65.0	114	597.5	0.0	0.0
115	646.0	0.0	195.0	116	646.0	0.0	130.0	117	646.0	0.0	65.0
118	213.0	0.0	292.5	119	0.0	405.0	292.5	120	213.0	0.0	325.0
121	0.0	303.8	292.5	122	213.0	0.0	357.5	123	0.0	405.0	325.0
124	213.0	0.0	390.0	125	0.0	303.8	325.0	126	106.5	303.8	425.0
127	213.0	303.8	425.0	128	213.0	405.0	425.0	129	699.5	0.0	195.0
130	699.5	0.0	260.0	131	699.5	0.0	130.0	132	699.5	0.0	65.0
133	699.5	0.0	0.0	134	753.0	0.0	195.0	135	753.0	0.0	260.0
136	753.0	0.0	130.0	137	753.0	0.0	65.0	138	753.0	0.0	0.0
139	806.5	0.0	195.0	140	806.5	0.0	260.0	141	806.5	0.0	130.0
142	806.5	0.0	65.0	143	806.5	0.0	0.0	144	860.0	0.0	195.0
145	860.0	0.0	260.0	146	860.0	0.0	130.0	147	860.0	0.0	65.0
148	646.0	0.0	357.5	149	699.5	0.0	357.5	150	699.5	0.0	390.0
151	646.0	0.0	325.0	152	699.5	0.0	325.0	153	646.0	0.0	292.5
154	699.5	0.0	292.5	155	753.0	0.0	357.5	156	753.0	0.0	390.0
157	753.0	0.0	325.0	158	753.0	0.0	292.5	159	806.5	0.0	357.5
160	806.5	0.0	390.0	161	806.5	0.0	325.0	162	806.5	0.0	292.5
163	860.0	0.0	357.5	164	860.0	0.0	390.0	165	860.0	0.0	325.0
166	860.0	0.0	292.5	167	860.0	101.3	195.0	168	860.0	101.3	260.0
169	860.0	101.3	130.0	170	860.0	101.3	65.0	171	860.0	101.3	0.0
172	860.0	203.0	195.0	173	860.0	203.0	260.0	174	860.0	203.0	130.0
175	860.0	203.0	65.0	176	860.0	203.0	0.0	177	860.0	303.8	195.0
178	860.0	303.8	260.0	179	860.0	303.8	130.0	180	860.0	303.8	65.0
181	860.0	303.8	0.0	182	860.0	405.0	195.0	183	860.0	405.0	260.0
184	860.0	405.0	130.0	185	860.0	405.0	65.0	186	860.0	101.3	357.5
187	860.0	101.3	390.0	188	860.0	101.3	325.0	189	860.0	101.3	292.5
190	860.0	203.0	357.5	191	860.0	203.0	390.0	192	860.0	203.0	325.0
193	860.0	203.0	292.5	194	860.0	303.8	357.5	195	860.0	303.8	390.0
196	860.0	303.8	325.0	197	860.0	303.8	292.5	198	860.0	405.0	357.5
199	860.0	405.0	390.0	200	860.0	405.0	325.0	201	860.0	405.0	292.5
202	860.0	101.3	425.0	203	860.0	203.0	425.0	204	860.0	303.8	425.0
205	213.0	203.0	65.0	206	213.0	101.3	65.0	207	213.0	101.3	0.0
208	213.0	203.0	130.0	209	213.0	101.3	130.0	210	213.0	203.0	195.0
211	213.0	101.3	195.0	212	213.0	203.0	260.0	213	213.0	101.3	260.0
214	452.0	405.0	292.5	215	106.5	405.0	357.5	216	106.5	405.0	390.0
217	106.5	405.0	325.0	218	106.5	405.0	292.5	219	0.0	203.0	390.0
220	0.0	101.3	292.5	221	0.0	101.3	325.0	222	0.0	101.3	357.5
223	0.0	101.3	390.0	224	213.0	203.0	292.5	225	213.0	101.3	292.5
226	213.0	203.0	325.0	227	213.0	101.3	325.0	228	213.0	203.0	357.5
229	213.0	101.3	357.5	230	213.0	203.0	390.0	231	213.0	101.3	390.0
232	646.0	405.0	425.0	233	452.0	405.0	425.0	234	106.5	405.0	425.0
235	0.0	203.0	357.5	236	0.0	303.8	425.0	237	0.0	203.0	425.0
238	0.0	101.3	425.0	239	646.0	405.0	195.0	240	213.0	101.3	425.0
241	0.0	203.0	325.0	242	646.0	405.0	260.0	243	646.0	101.3	425.0
244	325.0	203.0	195.0	245	325.0	203.0	260.0	246	106.5	0.0	195.0
247	106.5	0.0	260.0	248	106.5	0.0	130.0	249	106.5	0.0	65.0
250	106.5	0.0	0.0	251	646.0	405.0	130.0	252	646.0	405.0	65.0
253	646.0	405.0	0.0	254	452.0	405.0	195.0	255	452.0	405.0	260.0
256	452.0	405.0	130.0	257	452.0	405.0	65.0	258	452.0	405.0	0.0
259	106.5	405.0	195.0	260	106.5	405.0	260.0	261	0.0	0.0	195.0
262	0.0	0.0	260.0	263	0.0	0.0	130.0	264	0.0	0.0	65.0
265	0.0	0.0	292.5	266	106.5	0.0	292.5	267	0.0	0.0	325.0
268	106.5	0.0	325.0	269	0.0	0.0	357.5	270	106.5	0.0	357.5
271	0.0	0.0	390.0	272	106.5	0.0	390.0	273	106.5	405.0	130.0
274	106.5	405.0	65.0	275	106.5	405.0	0.0	276	646.0	405.0	357.5
277	646.0	405.0	390.0	278	646.0	405.0	325.0	279	646.0	405.0	292.5
280	452.0	405.0	357.5	281	0.0	0.0	425.0	282	452.0	405.0	390.0
283	452.0	405.0	325.0	284	0.0	405.0	260.0	285	0.0	303.8	260.0
286	0.0	303.8	0.0	287	0.0	203.0	260.0	288	0.0	203.0	0.0
289	0.0	101.3	260.0	290	0.0	101.3	0.0	291	0.0	405.0	65.0
292	0.0	303.8	65.0	293	0.0	405.0	130.0	294	0.0	303.8	130.0
295	0.0	405.0	195.0	296	0.0	303.8	195.0	297	325.0	101.3	425.0
298	452.0	101.3	425.0	299	500.5	101.3	425.0	300	549.0	203.0	390.0
301	549.0	203.0	357.5	302	549.0	203.0	325.0	303	549.0	203.0	130.0
304	549.0	203.0	65.0	305	549.0	203.0	292.5	306	549.0	203.0	195.0
307	549.0	203.0	260.0	308	549.0	203.0	425.0	309	549.0	203.0	0.0
310	549.0	101.3	425.0	311	646.0	203.0	195.0	312	597.5	203.0	425.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
313	597.5	203.0	0.0	314	646.0	203.0	130.0	315	646.0	203.0	65.0
316	597.5	203.0	390.0	317	597.5	203.0	357.5	318	597.5	203.0	325.0
319	597.5	203.0	130.0	320	597.5	203.0	65.0	321	597.5	203.0	292.5
322	597.5	203.0	195.0	323	213.0	405.0	0.0	324	213.0	405.0	65.0
325	213.0	405.0	130.0	326	213.0	405.0	195.0	327	213.0	405.0	260.0
328	213.0	405.0	292.5	329	213.0	405.0	325.0	330	213.0	405.0	357.5
331	213.0	405.0	390.0	332	325.0	405.0	425.0	333	325.0	405.0	0.0
334	325.0	405.0	65.0	335	325.0	405.0	130.0	336	325.0	405.0	195.0
337	325.0	405.0	260.0	338	325.0	405.0	292.5	339	325.0	405.0	325.0
340	325.0	405.0	357.5	341	325.0	405.0	390.0	342	325.0	303.8	425.0
343	452.0	303.8	425.0	344	500.5	405.0	357.5	345	549.0	405.0	130.0
346	500.5	405.0	390.0	347	500.5	405.0	325.0	348	549.0	405.0	65.0
349	549.0	405.0	292.5	350	549.0	405.0	195.0	351	549.0	405.0	260.0
352	549.0	405.0	425.0	353	549.0	405.0	0.0	354	500.5	405.0	425.0
355	597.5	405.0	292.5	356	500.5	405.0	292.5	357	597.5	405.0	425.0
358	597.5	405.0	260.0	359	597.5	405.0	0.0	360	500.5	405.0	0.0
361	500.5	405.0	130.0	362	597.5	405.0	195.0	363	500.5	303.8	425.0
364	500.5	405.0	65.0	365	597.5	405.0	390.0	366	597.5	405.0	357.5
367	597.5	405.0	325.0	368	597.5	405.0	130.0	369	597.5	405.0	65.0
370	500.5	405.0	195.0	371	500.5	405.0	260.0	372	549.0	405.0	390.0
373	549.0	405.0	357.5	374	549.0	405.0	325.0	375	549.0	303.8	425.0
376	597.5	303.8	425.0	377	646.0	303.8	425.0	378	753.0	405.0	325.0
379	753.0	405.0	292.5	380	699.5	405.0	425.0	381	753.0	405.0	425.0
382	806.5	405.0	425.0	383	699.5	405.0	195.0	384	699.5	405.0	260.0
385	699.5	405.0	130.0	386	699.5	405.0	65.0	387	699.5	405.0	0.0
388	753.0	405.0	195.0	389	753.0	405.0	260.0	390	753.0	405.0	130.0
391	753.0	405.0	65.0	392	753.0	405.0	0.0	393	806.5	405.0	195.0
394	806.5	405.0	260.0	395	806.5	405.0	130.0	396	806.5	405.0	65.0
397	806.5	405.0	0.0	398	806.5	405.0	357.5	399	806.5	405.0	390.0
400	806.5	405.0	325.0	401	806.5	405.0	292.5	402	699.5	405.0	357.5
403	699.5	405.0	390.0	404	699.5	405.0	325.0	405	699.5	405.0	292.5
406	753.0	405.0	357.5	407	753.0	405.0	390.0	408	699.5	303.8	425.0
409	699.5	203.0	425.0	410	699.5	101.3	425.0	411	753.0	303.8	425.0
412	753.0	203.0	425.0	413	753.0	101.3	425.0	414	806.5	303.8	425.0
415	806.5	203.0	425.0	416	806.5	101.3	425.0	417	753.0	303.8	0.0
418	753.0	203.0	0.0	419	753.0	101.3	0.0	420	500.5	303.8	0.0
421	549.0	303.8	0.0	422	597.5	303.8	0.0	423	646.0	303.8	0.0
424	806.5	303.8	0.0	425	806.5	203.0	0.0	426	806.5	101.3	0.0
427	646.0	101.3	0.0	428	325.0	101.3	0.0	429	452.0	101.3	0.0
430	500.5	101.3	0.0	431	699.5	303.8	0.0	432	549.0	101.3	0.0
433	699.5	203.0	0.0	434	699.5	101.3	0.0	435	325.0	303.8	0.0
436	597.5	101.3	0.0	437	106.5	101.3	0.0	438	106.5	203.0	0.0
439	106.5	303.8	0.0	440	213.0	303.8	0.0	441	452.0	303.8	0.0
442	0.0	420.0	0.0	443	860.0	420.0	0.0	444	646.0	420.0	0.0
445	452.0	420.0	0.0	446	106.5	420.0	0.0	447	213.0	420.0	0.0
448	325.0	420.0	0.0	449	549.0	420.0	0.0	450	597.5	420.0	0.0
451	500.5	420.0	0.0	452	699.5	420.0	0.0	453	753.0	420.0	0.0
454	806.5	420.0	0.0								

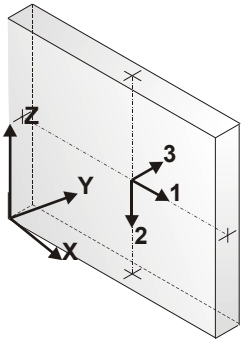
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.
Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 3D non verticali



orientamento elementi 3D verticali

In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: *Guscio* (elemento guscio in elevazione non verticale) *Guscio fond.* (elemento guscio su suolo elastico) *Setto* (elemento guscio in elevazione verticale) *Membrana* (elemento guscio con comportamento membranale)
Nodo I (J, K, L)	numero del nodo I (J, K, L)
Mat.	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico verticale
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

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

Test N°	Titolo
8	MENSOLE CON ELEMENTI PLATE E MATERIALE ORTOTROPO
10	PIASTRA CON ELEMENTI PLATE E MATERIALE ORTOTROPO
21	DRILLING
25	TENSIONI DI ELEMENTI PLATE
31	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON PUNTI FISSI IMPORTATA DA FILE .DXF
32	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON SEGMENTI E FORI INTERNI IMPORTATA DA FILE .DXF
33	REALIZZAZIONE DI MESH PIANE SU GEOMETRIE COSTRUITE IN PRO_SAP
34	ANALISI DI BUCKLING DI PIASTRA ISOTROPA
35	ANALISI DI BUCKLING DI UN CILINDRO COMPRESSO INCASTRATO ALLA BASE
36	ANALISI DI PARETI FORATE
37	BIMETALLIC STRIP (NAFEMS EXERCISE 6)
38	ANALISI ELASTICA DI PIASTRA CON INTAGLIO CIRCOLARE (FLAT BAR WITH EDGE NOTCHES-NAFEMS EXERCISE 9)
39	PLATEA NERVATA
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
							cm		daN/cm3	daN/cm3
1	Guscio	86	240	69	87	1	25.0			
2	Guscio	238	86	87	237	1	25.0			
3	Guscio	237	87	126	236	1	25.0			
4	Setto	83	216	215	9	1	30.0			
5	Setto	12	11	71	82	1	30.0			
6	Setto	14	13	11	12	1	30.0			
7	Setto	73	15	13	14	1	30.0			
8	Setto	10	98	15	73	1	30.0			
9	Setto	67	16	10	124	1	30.0			
10	Setto	9	215	217	123	1	30.0			
11	Setto	123	217	218	119	1	30.0			
12	Setto	16	19	98	10	1	30.0			
13	Setto	19	21	20	98	1	30.0			
14	Setto	21	23	22	20	1	30.0			
15	Setto	23	25	24	22	1	30.0			
16	Setto	25	26	99	24	1	30.0			
17	Setto	33	47	65	60	1	25.0			
18	Setto	34	32	47	33	1	25.0			
19	Setto	35	5	32	34	1	25.0			
20	Setto	36	31	5	35	1	25.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
21	Setto	38	33	60	245	1	25.0			
22	Setto	40	34	33	38	1	25.0			
23	Setto	41	35	34	40	1	25.0			
24	Setto	43	36	35	41	1	25.0			
25	Setto	224	38	245	212	1	25.0			
26	Setto	226	40	38	224	1	25.0			
27	Setto	228	41	40	226	1	25.0			
28	Setto	230	43	41	228	1	25.0			
29	Setto	336	254	256	335	1	30.0			
30	Setto	45	44	31	36	1	25.0			
31	Setto	46	45	36	43	1	25.0			
32	Setto	69	46	43	230	1	25.0			
33	Setto	337	255	254	336	1	30.0			
34	Guscio	281	37	86	238	1	25.0			
35	Guscio	240	297	46	69	1	25.0			
36	Guscio	67	16	297	240	1	25.0			
37	Setto	287	285	121	85	1	30.0			
38	Setto	85	121	125	241	1	30.0			
39	Setto	241	125	17	235	1	30.0			
40	Setto	235	17	84	219	1	30.0			
41	Setto	289	287	85	220	1	30.0			
42	Setto	220	85	241	221	1	30.0			
43	Setto	221	241	235	222	1	30.0			
44	Setto	222	235	219	223	1	30.0			
45	Setto	26	27	150	99	1	30.0			
46	Setto	27	28	156	150	1	30.0			
47	Setto	28	29	160	156	1	30.0			
48	Setto	29	6	164	160	1	30.0			
49	Setto	74	75	76	66	1	30.0			
50	Setto	77	78	75	74	1	30.0			
51	Setto	79	80	78	77	1	30.0			
52	Setto	81	82	80	79	1	30.0			
53	Setto	119	218	260	284	1	30.0			
54	Setto	84	83	7	236	1	30.0			
55	Setto	219	84	236	237	1	30.0			
56	Setto	223	219	237	238	1	30.0			
57	Setto	271	223	238	281	1	30.0			
58	Setto	281	37	272	271	1	30.0			
59	Setto	357	232	277	365	1	30.0			
60	Guscio	343	363	354	233	1	25.0			
61	Setto	75	93	70	76	1	30.0			
62	Setto	78	94	93	75	1	30.0			
63	Setto	80	95	94	78	1	30.0			
64	Setto	82	71	95	80	1	30.0			
65	Setto	71	101	100	95	1	30.0			
66	Setto	95	100	102	94	1	30.0			
67	Setto	94	102	103	93	1	30.0			
68	Setto	93	103	104	70	1	30.0			
69	Setto	101	106	105	100	1	30.0			
70	Setto	100	105	107	102	1	30.0			
71	Setto	102	107	108	103	1	30.0			
72	Setto	103	108	109	104	1	30.0			
73	Setto	106	111	110	105	1	30.0			
74	Setto	105	110	112	107	1	30.0			
75	Setto	107	112	113	108	1	30.0			
76	Setto	108	113	114	109	1	30.0			
77	Setto	111	97	115	110	1	30.0			
78	Setto	110	115	116	112	1	30.0			
79	Setto	112	116	117	113	1	30.0			
80	Setto	113	117	96	114	1	30.0			
81	Setto	118	12	82	81	1	30.0			
82	Setto	120	14	12	118	1	30.0			
83	Setto	122	73	14	120	1	30.0			
84	Setto	124	10	73	122	1	30.0			
85	Setto	37	67	124	272	1	30.0			
86	Guscio	45	44	363	343	1	25.0			
87	Guscio	236	126	234	7	1	25.0			
88	Guscio	126	127	128	234	1	25.0			
89	Setto	97	130	129	115	1	30.0			
90	Setto	115	129	131	116	1	30.0			
91	Setto	116	131	132	117	1	30.0			
92	Setto	117	132	133	96	1	30.0			
93	Setto	130	135	134	129	1	30.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
94	Setto	129	134	136	131	1	30.0			
95	Setto	131	136	137	132	1	30.0			
96	Setto	132	137	138	133	1	30.0			
97	Setto	135	140	139	134	1	30.0			
98	Setto	134	139	141	136	1	30.0			
99	Setto	136	141	142	137	1	30.0			
100	Setto	137	142	143	138	1	30.0			
101	Setto	140	145	144	139	1	30.0			
102	Setto	139	144	146	141	1	30.0			
103	Setto	141	146	147	142	1	30.0			
104	Setto	142	147	2	143	1	30.0			
105	Setto	99	150	149	148	1	30.0			
106	Setto	148	149	152	151	1	30.0			
107	Setto	151	152	154	153	1	30.0			
108	Setto	153	154	130	97	1	30.0			
109	Setto	150	156	155	149	1	30.0			
110	Setto	149	155	157	152	1	30.0			
111	Setto	152	157	158	154	1	30.0			
112	Setto	154	158	135	130	1	30.0			
113	Setto	156	160	159	155	1	30.0			
114	Setto	155	159	161	157	1	30.0			
115	Setto	157	161	162	158	1	30.0			
116	Setto	158	162	140	135	1	30.0			
117	Setto	160	164	163	159	1	30.0			
118	Setto	159	163	165	161	1	30.0			
119	Setto	161	165	166	162	1	30.0			
120	Setto	162	166	145	140	1	30.0			
121	Setto	144	167	168	145	1	30.0			
122	Setto	146	169	167	144	1	30.0			
123	Setto	147	170	169	146	1	30.0			
124	Setto	2	171	170	147	1	30.0			
125	Setto	167	172	173	168	1	30.0			
126	Setto	169	174	172	167	1	30.0			
127	Setto	170	175	174	169	1	30.0			
128	Setto	171	176	175	170	1	30.0			
129	Setto	172	177	178	173	1	30.0			
130	Setto	174	179	177	172	1	30.0			
131	Setto	175	180	179	174	1	30.0			
132	Setto	176	181	180	175	1	30.0			
133	Setto	177	182	183	178	1	30.0			
134	Setto	179	184	182	177	1	30.0			
135	Setto	180	185	184	179	1	30.0			
136	Setto	181	4	185	180	1	30.0			
137	Setto	163	186	187	164	1	30.0			
138	Setto	165	188	186	163	1	30.0			
139	Setto	166	189	188	165	1	30.0			
140	Setto	145	168	189	166	1	30.0			
141	Setto	186	190	191	187	1	30.0			
142	Setto	188	192	190	186	1	30.0			
143	Setto	189	193	192	188	1	30.0			
144	Setto	168	173	193	189	1	30.0			
145	Setto	190	194	195	191	1	30.0			
146	Setto	192	196	194	190	1	30.0			
147	Setto	193	197	196	192	1	30.0			
148	Setto	173	178	197	193	1	30.0			
149	Setto	194	198	199	195	1	30.0			
150	Setto	196	200	198	194	1	30.0			
151	Setto	197	201	200	196	1	30.0			
152	Setto	178	183	201	197	1	30.0			
153	Setto	164	187	202	6	1	30.0			
154	Setto	187	191	203	202	1	30.0			
155	Setto	191	195	204	203	1	30.0			
156	Setto	195	199	8	204	1	30.0			
157	Setto	207	68	205	206	1	25.0			
158	Setto	206	205	208	209	1	25.0			
159	Setto	209	208	210	211	1	25.0			
160	Setto	211	210	212	213	1	25.0			
161	Setto	338	214	255	337	1	30.0			
162	Setto	339	283	214	338	1	30.0			
163	Setto	340	280	283	339	1	30.0			
164	Setto	341	282	280	340	1	30.0			
165	Setto	332	233	282	341	1	30.0			
166	Guscio	87	69	127	126	1	25.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
167	Setto	7	234	216	83	1	30.0			
168	Guscio	37	67	240	86	1	25.0			
169	Setto	66	207	206	74	1	25.0			
170	Setto	74	206	209	77	1	25.0			
171	Setto	77	209	211	79	1	25.0			
172	Setto	79	211	213	81	1	25.0			
173	Setto	213	212	224	225	1	25.0			
174	Setto	225	224	226	227	1	25.0			
175	Setto	227	226	228	229	1	25.0			
176	Setto	229	228	230	231	1	25.0			
177	Setto	284	260	259	295	1	30.0			
178	Setto	295	259	273	293	1	30.0			
179	Setto	293	273	274	291	1	30.0			
180	Setto	291	274	275	3	1	30.0			
181	Setto	285	284	119	121	1	30.0			
182	Setto	121	119	123	125	1	30.0			
183	Setto	125	123	9	17	1	30.0			
184	Setto	17	9	83	84	1	30.0			
185	Setto	81	213	225	118	1	25.0			
186	Setto	118	225	227	120	1	25.0			
187	Setto	120	227	229	122	1	25.0			
188	Setto	122	229	231	124	1	25.0			
189	Setto	231	230	69	240	1	25.0			
190	Setto	286	3	291	292	1	30.0			
191	Setto	292	291	293	294	1	30.0			
192	Setto	124	231	240	67	1	25.0			
193	Setto	212	245	244	210	1	25.0			
194	Setto	210	244	56	208	1	25.0			
195	Setto	208	56	57	205	1	25.0			
196	Setto	205	57	58	68	1	25.0			
197	Setto	245	60	59	244	1	25.0			
198	Setto	244	59	61	56	1	25.0			
199	Setto	56	61	62	57	1	25.0			
200	Setto	57	62	63	58	1	25.0			
201	Setto	60	65	64	59	1	25.0			
202	Setto	59	64	52	61	1	25.0			
203	Setto	61	52	55	62	1	25.0			
204	Setto	62	55	51	63	1	25.0			
205	Guscio	297	298	45	46	1	25.0			
206	Guscio	16	19	298	297	1	25.0			
207	Guscio	298	299	44	45	1	25.0			
208	Guscio	19	21	299	298	1	25.0			
209	Setto	262	289	220	265	1	30.0			
210	Setto	265	220	221	267	1	30.0			
211	Setto	267	221	222	269	1	30.0			
212	Setto	269	222	223	271	1	30.0			
213	Guscio	363	375	352	354	1	25.0			
214	Guscio	44	308	375	363	1	25.0			
215	Guscio	375	376	357	352	1	25.0			
216	Guscio	308	312	376	375	1	25.0			
217	Setto	247	81	79	246	1	30.0			
218	Setto	246	79	77	248	1	30.0			
219	Setto	248	77	74	249	1	30.0			
220	Setto	249	74	66	250	1	30.0			
221	Setto	294	293	295	296	1	30.0			
222	Setto	296	295	284	285	1	30.0			
223	Setto	288	286	292	18	1	30.0			
224	Setto	18	292	294	88	1	30.0			
225	Setto	88	294	296	89	1	30.0			
226	Setto	89	296	285	287	1	30.0			
227	Setto	290	288	18	90	1	30.0			
228	Setto	90	18	88	91	1	30.0			
229	Setto	262	247	246	261	1	30.0			
230	Setto	261	246	248	263	1	30.0			
231	Setto	263	248	249	264	1	30.0			
232	Setto	264	249	250	1	1	30.0			
233	Setto	265	266	247	262	1	30.0			
234	Setto	267	268	266	265	1	30.0			
235	Setto	269	270	268	267	1	30.0			
236	Setto	271	272	270	269	1	30.0			
237	Setto	91	88	89	92	1	30.0			
238	Setto	92	89	287	289	1	30.0			
239	Setto	1	290	90	264	1	30.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
240	Setto	264	90	91	263	1	30.0			
241	Setto	263	91	92	261	1	30.0			
242	Setto	261	92	289	262	1	30.0			
243	Guscio	376	377	232	357	1	25.0			
244	Guscio	312	39	377	376	1	25.0			
245	Setto	266	118	81	247	1	30.0			
246	Setto	268	120	118	266	1	30.0			
247	Setto	270	122	120	268	1	30.0			
248	Setto	272	124	122	270	1	30.0			
249	Guscio	46	45	343	342	1	25.0			
250	Guscio	342	343	233	332	1	25.0			
251	Setto	55	304	309	51	1	25.0			
252	Setto	52	303	304	55	1	25.0			
253	Setto	64	306	303	52	1	25.0			
254	Setto	65	307	306	64	1	25.0			
255	Setto	47	305	307	65	1	25.0			
256	Setto	32	302	305	47	1	25.0			
257	Setto	5	301	302	32	1	25.0			
258	Setto	31	300	301	5	1	25.0			
259	Setto	44	308	300	31	1	25.0			
260	Guscio	299	310	308	44	1	25.0			
261	Guscio	21	23	310	299	1	25.0			
262	Setto	304	320	313	309	1	25.0			
263	Setto	303	319	320	304	1	25.0			
264	Setto	306	322	319	303	1	25.0			
265	Setto	307	49	322	306	1	25.0			
266	Setto	305	321	49	307	1	25.0			
267	Setto	302	318	321	305	1	25.0			
268	Setto	301	317	318	302	1	25.0			
269	Setto	300	316	317	301	1	25.0			
270	Setto	308	312	316	300	1	25.0			
271	Guscio	310	72	312	308	1	25.0			
272	Guscio	23	25	72	310	1	25.0			
273	Setto	320	315	42	313	1	25.0			
274	Setto	319	314	315	320	1	25.0			
275	Setto	322	311	314	319	1	25.0			
276	Setto	49	30	311	322	1	25.0			
277	Setto	321	53	30	49	1	25.0			
278	Setto	318	54	53	321	1	25.0			
279	Setto	317	50	54	318	1	25.0			
280	Setto	316	48	50	317	1	25.0			
281	Setto	312	39	48	316	1	25.0			
282	Guscio	72	243	39	312	1	25.0			
283	Guscio	25	26	243	72	1	25.0			
284	Setto	274	324	323	275	1	30.0			
285	Setto	273	325	324	274	1	30.0			
286	Setto	259	326	325	273	1	30.0			
287	Setto	260	327	326	259	1	30.0			
288	Setto	218	328	327	260	1	30.0			
289	Setto	217	329	328	218	1	30.0			
290	Setto	215	330	329	217	1	30.0			
291	Setto	216	331	330	215	1	30.0			
292	Setto	234	128	331	216	1	30.0			
293	Setto	324	334	333	323	1	30.0			
294	Setto	325	335	334	324	1	30.0			
295	Setto	326	336	335	325	1	30.0			
296	Setto	327	337	336	326	1	30.0			
297	Setto	328	338	337	327	1	30.0			
298	Setto	329	339	338	328	1	30.0			
299	Setto	330	340	339	329	1	30.0			
300	Setto	331	341	340	330	1	30.0			
301	Setto	128	332	341	331	1	30.0			
302	Guscio	127	342	332	128	1	25.0			
303	Guscio	69	46	342	127	1	25.0			
304	Setto	334	257	258	333	1	30.0			
305	Setto	335	256	257	334	1	30.0			
306	Setto	214	356	371	255	1	30.0			
307	Setto	283	347	356	214	1	30.0			
308	Setto	280	344	347	283	1	30.0			
309	Setto	282	346	344	280	1	30.0			
310	Setto	233	354	346	282	1	30.0			
311	Setto	255	371	370	254	1	30.0			
312	Setto	254	370	361	256	1	30.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
313	Setto	256	361	364	257	1	30.0			
314	Setto	257	364	360	258	1	30.0			
315	Setto	364	348	353	360	1	30.0			
316	Setto	361	345	348	364	1	30.0			
317	Setto	370	350	345	361	1	30.0			
318	Setto	371	351	350	370	1	30.0			
319	Setto	356	349	351	371	1	30.0			
320	Setto	347	374	349	356	1	30.0			
321	Setto	344	373	374	347	1	30.0			
322	Setto	346	372	373	344	1	30.0			
323	Setto	354	352	372	346	1	30.0			
324	Setto	348	369	359	353	1	30.0			
325	Setto	345	368	369	348	1	30.0			
326	Setto	350	362	368	345	1	30.0			
327	Setto	351	358	362	350	1	30.0			
328	Setto	349	355	358	351	1	30.0			
329	Setto	374	367	355	349	1	30.0			
330	Setto	373	366	367	374	1	30.0			
331	Setto	372	365	366	373	1	30.0			
332	Setto	352	357	365	372	1	30.0			
333	Setto	369	252	253	359	1	30.0			
334	Setto	368	251	252	369	1	30.0			
335	Setto	362	239	251	368	1	30.0			
336	Setto	358	242	239	362	1	30.0			
337	Setto	355	279	242	358	1	30.0			
338	Setto	367	278	279	355	1	30.0			
339	Setto	366	276	278	367	1	30.0			
340	Setto	365	277	276	366	1	30.0			
341	Setto	232	380	403	277	1	30.0			
342	Setto	380	381	407	403	1	30.0			
343	Setto	381	382	399	407	1	30.0			
344	Setto	382	8	199	399	1	30.0			
345	Setto	242	384	383	239	1	30.0			
346	Setto	239	383	385	251	1	30.0			
347	Setto	251	385	386	252	1	30.0			
348	Setto	252	386	387	253	1	30.0			
349	Setto	384	389	388	383	1	30.0			
350	Setto	383	388	390	385	1	30.0			
351	Setto	385	390	391	386	1	30.0			
352	Setto	386	391	392	387	1	30.0			
353	Setto	389	394	393	388	1	30.0			
354	Setto	388	393	395	390	1	30.0			
355	Setto	390	395	396	391	1	30.0			
356	Setto	391	396	397	392	1	30.0			
357	Setto	394	183	182	393	1	30.0			
358	Setto	393	182	184	395	1	30.0			
359	Setto	395	184	185	396	1	30.0			
360	Setto	396	185	4	397	1	30.0			
361	Setto	277	403	402	276	1	30.0			
362	Setto	276	402	404	278	1	30.0			
363	Setto	278	404	405	279	1	30.0			
364	Setto	279	405	384	242	1	30.0			
365	Setto	403	407	406	402	1	30.0			
366	Setto	402	406	378	404	1	30.0			
367	Setto	404	378	379	405	1	30.0			
368	Setto	405	379	389	384	1	30.0			
369	Setto	407	399	398	406	1	30.0			
370	Setto	406	398	400	378	1	30.0			
371	Setto	378	400	401	379	1	30.0			
372	Setto	379	401	394	389	1	30.0			
373	Setto	399	199	198	398	1	30.0			
374	Setto	398	198	200	400	1	30.0			
375	Setto	400	200	201	401	1	30.0			
376	Setto	401	201	183	394	1	30.0			
377	Guscio	377	408	380	232	1	25.0			
378	Guscio	39	409	408	377	1	25.0			
379	Guscio	243	410	409	39	1	25.0			
380	Guscio	26	27	410	243	1	25.0			
381	Guscio	408	411	381	380	1	25.0			
382	Guscio	409	412	411	408	1	25.0			
383	Guscio	410	413	412	409	1	25.0			
384	Guscio	27	28	413	410	1	25.0			
385	Guscio	411	414	382	381	1	25.0			

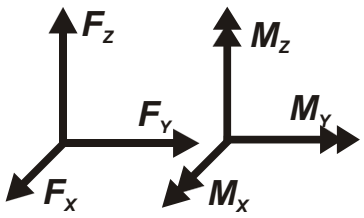
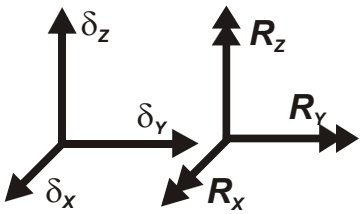
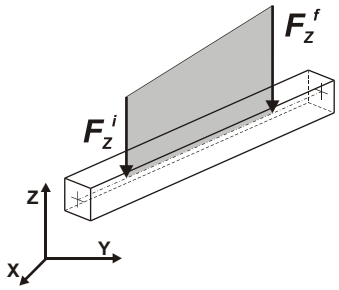
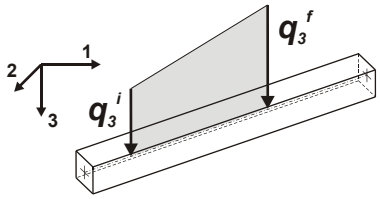
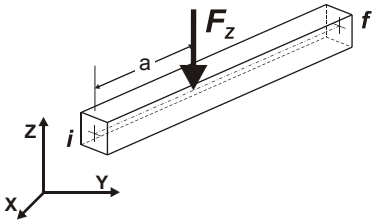
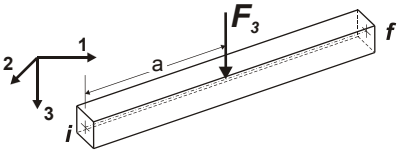
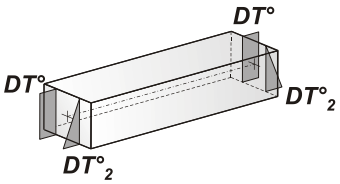
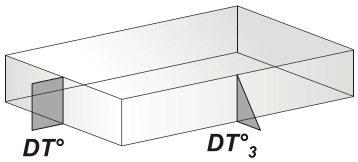
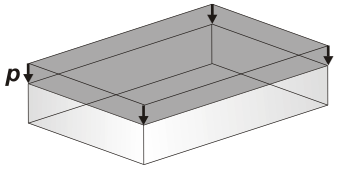
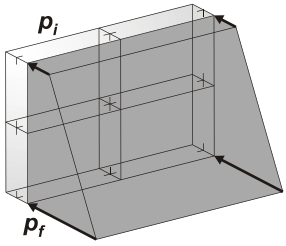
Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
386	Guscio	412	415	414	411	1	25.0			
387	Guscio	413	416	415	412	1	25.0			
388	Guscio	28	29	416	413	1	25.0			
389	Guscio	414	204	8	382	1	25.0			
390	Guscio	415	203	204	414	1	25.0			
391	Guscio	416	202	203	415	1	25.0			
392	Guscio	29	6	202	416	1	25.0			
393	Guscio fond.	437	207	68	438	1	50.0		10.00	1.00
394	Guscio fond.	290	437	438	288	1	50.0		10.00	1.00
395	Guscio fond.	288	438	439	286	1	50.0		10.00	1.00
396	Guscio fond.	1	250	437	290	1	50.0		10.00	1.00
397	Guscio fond.	207	428	58	68	1	50.0		10.00	1.00
398	Guscio fond.	66	76	428	207	1	50.0		10.00	1.00
399	Guscio fond.	441	420	360	258	1	50.0		10.00	1.00
400	Guscio fond.	63	51	420	441	1	50.0		10.00	1.00
401	Guscio fond.	286	439	275	3	1	50.0		10.00	1.00
402	Guscio fond.	439	440	323	275	1	50.0		10.00	1.00
403	Guscio fond.	438	68	440	439	1	50.0		10.00	1.00
404	Guscio fond.	250	66	207	437	1	50.0		10.00	1.00
405	Guscio fond.	428	429	63	58	1	50.0		10.00	1.00
406	Guscio fond.	76	70	429	428	1	50.0		10.00	1.00
407	Guscio fond.	429	430	51	63	1	50.0		10.00	1.00
408	Guscio fond.	70	104	430	429	1	50.0		10.00	1.00
409	Guscio fond.	420	421	353	360	1	50.0		10.00	1.00
410	Guscio fond.	51	309	421	420	1	50.0		10.00	1.00
411	Guscio fond.	421	422	359	353	1	50.0		10.00	1.00
412	Guscio fond.	309	313	422	421	1	50.0		10.00	1.00
413	Guscio fond.	422	423	253	359	1	50.0		10.00	1.00
414	Guscio fond.	313	42	423	422	1	50.0		10.00	1.00
415	Guscio fond.	58	63	441	435	1	50.0		10.00	1.00
416	Guscio fond.	435	441	258	333	1	50.0		10.00	1.00
417	Guscio fond.	430	432	309	51	1	50.0		10.00	1.00
418	Guscio fond.	104	109	432	430	1	50.0		10.00	1.00
419	Guscio fond.	432	436	313	309	1	50.0		10.00	1.00
420	Guscio fond.	109	114	436	432	1	50.0		10.00	1.00
421	Guscio fond.	436	427	42	313	1	50.0		10.00	1.00
422	Guscio fond.	114	96	427	436	1	50.0		10.00	1.00
423	Guscio fond.	440	435	333	323	1	50.0		10.00	1.00
424	Guscio fond.	68	58	435	440	1	50.0		10.00	1.00
425	Guscio fond.	423	431	387	253	1	50.0		10.00	1.00
426	Guscio fond.	42	433	431	423	1	50.0		10.00	1.00
427	Guscio fond.	427	434	433	42	1	50.0		10.00	1.00
428	Guscio fond.	96	133	434	427	1	50.0		10.00	1.00
429	Guscio fond.	431	417	392	387	1	50.0		10.00	1.00
430	Guscio fond.	433	418	417	431	1	50.0		10.00	1.00
431	Guscio fond.	434	419	418	433	1	50.0		10.00	1.00
432	Guscio fond.	133	138	419	434	1	50.0		10.00	1.00
433	Guscio fond.	417	424	397	392	1	50.0		10.00	1.00
434	Guscio fond.	418	425	424	417	1	50.0		10.00	1.00
435	Guscio fond.	419	426	425	418	1	50.0		10.00	1.00
436	Guscio fond.	138	143	426	419	1	50.0		10.00	1.00
437	Guscio fond.	424	181	4	397	1	50.0		10.00	1.00
438	Guscio fond.	425	176	181	424	1	50.0		10.00	1.00
439	Guscio fond.	426	171	176	425	1	50.0		10.00	1.00
440	Guscio fond.	143	2	171	426	1	50.0		10.00	1.00
441	Guscio fond.	3	275	446	442	1	50.0		10.00	1.00
442	Guscio fond.	275	323	447	446	1	50.0		10.00	1.00
443	Guscio fond.	323	333	448	447	1	50.0		10.00	1.00
444	Guscio fond.	333	258	445	448	1	50.0		10.00	1.00
445	Guscio fond.	258	360	451	445	1	50.0		10.00	1.00
446	Guscio fond.	360	353	449	451	1	50.0		10.00	1.00
447	Guscio fond.	353	359	450	449	1	50.0		10.00	1.00
448	Guscio fond.	359	253	444	450	1	50.0		10.00	1.00
449	Guscio fond.	253	387	452	444	1	50.0		10.00	1.00
450	Guscio fond.	387	392	453	452	1	50.0		10.00	1.00
451	Guscio fond.	392	397	454	453	1	50.0		10.00	1.00
452	Guscio fond.	397	4	443	454	1	50.0		10.00	1.00

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

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

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

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

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
11	carico generico su copertura	-0.01

Tipo	carico di pressione variabile su piastra

Id	Tipo	pressione	quota	pressione	quota
		daN/cm2	cm	daN/cm2	cm
4	spinta terreno a riposo	0.33	425.00	2.00	0.0
9	spinta terreno a riposo Y-	-0.33	425.00	-2.00	0.0
10	spinta terreno a riposo X-	-0.33	425.00	-2.00	0.0

Tipo	**carico variabile generale**

Id	**Tipo**	**ascissa**	**valore**	**ascissa**	**valore**
		cm	daN/cm2	cm	daN/cm2
1	massa sismica terreno su copertura				
	Unif. Qz Area L2=0.0		-0.12		
2	massa sismica acqua su parete X-				
	Z - Z Qy Area L2=0.0	0.0	-0.42	425.00	0.0
3	massa sismica acqua su fondazione				
	Unif. Qz Area L2=0.0		-0.40		
5	massa sismica acqua su parete Y-				
	Z - Z Qx Area L2=0.0	0.0	-0.42	425.00	0.0
6	massa sismica acqua su parete Y				
	Z - Z Qx Area L2=0.0	0.0	0.42	425.00	0.0
13	massa sismica acqua su parete X				
	Z - Z Qy Area L2=0.0	0.0	0.42	425.00	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

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

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

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

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

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

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

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

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 10 CDC=G1k (permanente generico) .....
			partecipazione:0.80 per 11 CDC=Qk (variabile generico) .....
			partecipazione:1.00 per 12 CDC=G1k (permanente generico) Terreno
3	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
4	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
5	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
6	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
7	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
8	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
9	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
10	Gk	CDC=G1k (permanente generico)	D3 :da 1 a 3 Azione : massa sismica terreno su copertura
			D3 : 29 Azione : massa sismica acqua su parete X
			D3 : 33 Azione : massa sismica acqua su parete X
			D3 :da 34 a 36 Azione : massa sismica terreno su copertura
			D3 :da 49 a 52 Azione : massa sismica acqua su parete X-
			D3 : 60 Azione : massa sismica terreno su copertura
			D3 :da 61 a 80 Azione : massa sismica acqua su parete X-
			D3 :da 86 a 88 Azione : massa sismica terreno su copertura
			D3 :da 89 a 104 Azione : massa sismica acqua su parete X-
			D3 :da 121 a 136 Azione : massa sismica acqua su parete Y
			D3 : 166 Azione : massa sismica terreno su copertura
			D3 : 168 Azione : massa sismica terreno su copertura
			D3 :da 177 a 180 Azione : massa sismica acqua su parete X
			D3 :da 190 a 191 Azione : massa sismica acqua su parete Y-
			D3 :da 193 a 204 Azione : massa sismica acqua su parete X-
			D3 :da 205 a 208 Azione : massa sismica terreno su copertura

CDC	Tipo	Sigla Id	Note
			D3 :da 213 a 216 Azione : massa sismica terreno su copertura
			D3 :da 217 a 220 Azione : massa sismica acqua su parete X-
			D3 :da 221 a 228 Azione : massa sismica acqua su parete Y-
			D3 :da 229 a 232 Azione : massa sismica acqua su parete X-
			D3 :da 237 a 242 Azione : massa sismica acqua su parete Y-
			D3 :da 243 a 244 Azione : massa sismica terreno su copertura
			D3 :da 249 a 250 Azione : massa sismica terreno su copertura
			D3 :da 251 a 254 Azione : massa sismica acqua su parete X-
			D3 :da 260 a 261 Azione : massa sismica terreno su copertura
			D3 :da 262 a 265 Azione : massa sismica acqua su parete X-
			D3 :da 271 a 272 Azione : massa sismica terreno su copertura
			D3 :da 273 a 276 Azione : massa sismica acqua su parete X-
			D3 :da 282 a 283 Azione : massa sismica terreno su copertura
			D3 :da 284 a 287 Azione : massa sismica acqua su parete X
			D3 :da 293 a 296 Azione : massa sismica acqua su parete X
			D3 :da 302 a 303 Azione : massa sismica terreno su copertura
			D3 :da 304 a 305 Azione : massa sismica acqua su parete X
			D3 :da 311 a 318 Azione : massa sismica acqua su parete X
			D3 :da 324 a 327 Azione : massa sismica acqua su parete X
			D3 :da 333 a 336 Azione : massa sismica acqua su parete X
			D3 :da 345 a 360 Azione : massa sismica acqua su parete X
			D3 :da 377 a 392 Azione : massa sismica terreno su copertura
			D3 :da 393 a 440 Azione : massa sismica acqua su fondazione
			D3 :da 441 a 452 Azione : massa sismica terreno su copertura
11	Qk	CDC=Qk (variabile generico)	D3 :da 1 a 3 Azione : carico generico su copertura
			D3 :da 34 a 36 Azione : carico generico su copertura
			D3 : 60 Azione : carico generico su copertura
			D3 :da 86 a 88 Azione : carico generico su copertura
			D3 : 166 Azione : carico generico su copertura
			D3 : 168 Azione : carico generico su copertura
			D3 :da 205 a 208 Azione : carico generico su copertura
			D3 :da 213 a 216 Azione : carico generico su copertura
			D3 :da 243 a 244 Azione : carico generico su copertura
			D3 :da 249 a 250 Azione : carico generico su copertura
			D3 :da 260 a 261 Azione : carico generico su copertura
			D3 :da 271 a 272 Azione : carico generico su copertura
			D3 :da 282 a 283 Azione : carico generico su copertura
			D3 :da 302 a 303 Azione : carico generico su copertura
			D3 :da 377 a 392 Azione : carico generico su copertura
12	Gk	CDC=G1k (permanente generico) Terreno	D3 : 4 Azione : spinta terreno a riposo Y-
			D3 :da 10 a 11 Azione : spinta terreno a riposo Y-
			D3 : 29 Azione : spinta terreno a riposo Y-
			D3 : 33 Azione : spinta terreno a riposo Y-
			D3 :da 37 a 44 Azione : spinta terreno a riposo
			D3 : 53 Azione : spinta terreno a riposo Y-
			D3 :da 54 a 57 Azione : spinta terreno a riposo
			D3 : 59 Azione : spinta terreno a riposo Y-
			D3 :da 121 a 156 Azione : spinta terreno a riposo X-
			D3 :da 161 a 165 Azione : spinta terreno a riposo Y-
			D3 : 167 Azione : spinta terreno a riposo Y-
			D3 :da 177 a 180 Azione : spinta terreno a riposo Y-
			D3 :da 181 a 184 Azione : spinta terreno a riposo
			D3 :da 190 a 191 Azione : spinta terreno a riposo
			D3 :da 209 a 212 Azione : spinta terreno a riposo
			D3 :da 221 a 228 Azione : spinta terreno a riposo
			D3 :da 237 a 242 Azione : spinta terreno a riposo
			D3 :da 284 a 301 Azione : spinta terreno a riposo Y-
			D3 :da 304 a 376 Azione : spinta terreno a riposo Y-

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

***Combinazione fondamentale** SLU*

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

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

$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

***Combinazione frequente** SLE*

$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione quasi permanente** SLE*

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

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

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

NTC 2018 Tabella 2.6.I

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

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 (SLV sism.) 5	
6	SLU	Comb. SLU A1 (SLV sism.) 6	

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

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0	1.30		
2	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	1.50	1.30		
3	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30		
4	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.50	1.00		
5	1.00	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
6	1.00	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
7	1.00	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
8	1.00	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
9	1.00	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
10	1.00	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
11	1.00	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
12	1.00	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
13	1.00	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
14	1.00	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
15	1.00	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
16	1.00	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
17	1.00	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
18	1.00	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
19	1.00	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
20	1.00	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
21	1.00	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
22	1.00	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
23	1.00	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
24	1.00	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
25	1.00	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
26	1.00	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
27	1.00	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
28	1.00	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
29	1.00	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
30	1.00	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
31	1.00	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
32	1.00	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
33	1.00	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
34	1.00	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
35	1.00	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
36	1.00	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
37	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	1.00	0.80	1.00		
38	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	1.00	0.80	1.00		
39	1.00	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	1.00	0.80	1.00		
40	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.80	1.00		
41	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	1.00	0.80	1.00		
42	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	1.00	0.80	1.00		
43	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	1.00	0.80	1.00		
44	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.80	1.00		
45	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	1.00	0.80	1.00		
46	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	1.00	0.80	1.00		
47	1.00	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	1.00	0.80	1.00		
48	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	1.00	0.80	1.00		
49	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	1.00	0.80	1.00		
50	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	1.00	0.80	1.00		
51	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	1.00	0.80	1.00		
52	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	1.00	0.80	1.00		
53	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	1.00	0.80	1.00		
54	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	1.00	0.80	1.00		
55	1.00	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	1.00	0.80	1.00		
56	1.00	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	1.00	0.80	1.00		
57	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	1.00	0.80	1.00		
58	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	1.00	0.80	1.00		
59	1.00	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	1.00	0.80	1.00		
60	1.00	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	1.00	0.80	1.00		
61	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	1.00	0.80	1.00		
62	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	1.00	0.80	1.00		
63	1.00	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	1.00	0.80	1.00		
64	1.00	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	1.00	0.80	1.00		
65	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	1.00	0.80	1.00		
66	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	1.00	0.80	1.00		
67	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	1.00	0.80	1.00		
68	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	1.00	0.80	1.00		

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

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

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

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
II	50.0	1.0	50.0	A	T1

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

Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	15.959	41.706	
29451	15.900	41.660	7.060
29452	15.967	41.658	5.361
29230	15.969	41.708	0.857
29229	15.902	41.710	4.737

SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	81.0	30.0	0.055	2.470	0.270
SLD	63.0	50.0	0.074	2.490	0.280
SLV	10.0	475.0	0.206	2.440	0.320
SLC	5.0	975.0	0.272	2.420	0.340

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.055	1.000	2.470	0.784	0.090	0.270	1.821
SLD	0.074	1.000	2.490	0.912	0.093	0.280	1.894
SLV	0.206	1.000	2.440	1.495	0.107	0.320	2.424
SLC	0.272	1.000	2.420	1.704	0.113	0.340	2.689

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

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

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

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

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

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

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

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

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

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

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

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

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

Affinché la verifica sia positiva deve essere:

13) V > 0
14) Sig s < fyk
15) Gam t < 5
16) Gam s < Gam * (caratteristica dell' elastomero)
17) Gam s < 2
18) V < 0.5 Vcr

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

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

Calcolo dei fattori di comportamento secondo il D.M. 17/01/2018

La costruzione, nuova, è caratterizzata da regolarità sia in pianta sia in altezza ed è progettata in classe di duttilità media (CD"B").

Parametri fattore in direzione x e y

Sistema costruttivo: calcestruzzo
Tipologia strutturale: strutture a pareti non accoppiate
Valore base fattore q_0 = 3.000
Fattore pareti k_w = 1.000
Fattore di regolarità K_R = 1.0
Fattore dissipativo $q_D = q_0 \cdot k_w \cdot K_R$ = 3.000

Fattori di comportamento utilizzati

	Dissipativi
q SLU x	3.000
q SLU y	3.000
q SLU z	1.500

CDC	Tipo	Sigla Id	Note
2	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.168 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.187 sec.
			fattore q: 3.000
			fattore per spost. mu d: 4.416
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
425.00	6.758e+04	429.28	202.17	0.0	-20.25	419.32	202.52	0.763	0.014	0.001
390.00	7509.19	413.82	203.18	0.0	-20.25	419.16	210.34	0.771	0.007	0.030
357.50	6985.88	409.07	210.31	0.0	-20.25	419.16	210.34	0.771	0.014	1.3897e-04
325.00	6985.88	409.07	210.31	0.0	-20.25	419.16	210.34	0.771	0.014	1.3897e-04
292.50	6985.88	409.07	210.31	0.0	-20.25	419.16	210.34	0.771	0.014	1.3897e-04
260.00	2.112e+04	422.24	201.88	0.0	-20.25	419.32	202.52	0.763	0.004	0.003
195.00	4.682e+04	426.11	200.79	0.0	-20.25	419.32	202.52	0.763	0.009	0.007
130.00	5.872e+04	426.88	201.15	0.0	-20.25	419.32	202.52	0.763	0.010	0.006
65.00	7.078e+04	427.40	201.40	0.0	-20.25	419.32	202.52	0.763	0.011	0.005
Risulta	2.935e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.589	0.218	0.168	7763.48	2.6	2.096e+05	71.4	36.99	1.26e-02	0.0	0.0
2	4.648	0.215	0.168	2.909e+04	9.9	6.421e+04	21.9	13.10	4.46e-03	0.0	0.0
3	5.338	0.187	0.168	2.519e+05	85.8	34.72	1.18e-02	0.25	8.47e-05	0.0	0.0
4	12.248	0.082	0.177	3.64	1.24e-03	1.955e+04	6.7	2152.35	0.7	0.0	0.0
5	13.998	0.071	0.180	4730.35	1.6	8.11	2.76e-03	39.16	1.33e-02	0.0	0.0
6	16.904	0.059	0.185	0.10	3.43e-05	25.44	8.67e-03	2.900e+05	98.8	0.0	0.0
7	33.003	0.030	0.195	0.06	2.01e-05	0.05	1.87e-05	609.48	0.2	0.0	0.0
8	36.945	0.027	0.196	0.02	7.16e-06	56.27	1.92e-02	9.60	3.27e-03	0.0	0.0
9	51.632	0.019	0.199	0.13	4.31e-05	2.74	9.33e-04	564.75	0.2	0.0	0.0
Risulta				2.935e+05		2.935e+05		2.934e+05			
In percentuale				100.00		100.00		99.98			

CDC	Tipo	Sigla Id	Note
3	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.168 g

CDC	Tipo	Sigla Id	Note
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.190 sec.
			fattore q: 3.000
			fattore per spost. mu d: 4.374
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
425.00	6.758e+04	429.28	202.17	0.0	20.25	419.32	202.52	0.763	0.014	0.001
390.00	7509.19	413.82	203.18	0.0	20.25	419.16	210.34	0.771	0.007	0.030
357.50	6985.88	409.07	210.31	0.0	20.25	419.16	210.34	0.771	0.014	1.3897e-04
325.00	6985.88	409.07	210.31	0.0	20.25	419.16	210.34	0.771	0.014	1.3897e-04
292.50	6985.88	409.07	210.31	0.0	20.25	419.16	210.34	0.771	0.014	1.3897e-04
260.00	2.112e+04	422.24	201.88	0.0	20.25	419.32	202.52	0.763	0.004	0.003
195.00	4.682e+04	426.11	200.79	0.0	20.25	419.32	202.52	0.763	0.009	0.007
130.00	5.872e+04	426.88	201.15	0.0	20.25	419.32	202.52	0.763	0.010	0.006
65.00	7.078e+04	427.40	201.40	0.0	20.25	419.32	202.52	0.763	0.011	0.005
Risulta	2.935e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.596	0.218	0.168	481.23	0.2	2.551e+05	86.9	46.57	1.59e-02	0.0	0.0
2	4.698	0.213	0.168	8983.99	3.1	1.871e+04	6.4	3.33	1.13e-03	0.0	0.0
3	5.272	0.190	0.168	2.793e+05	95.2	11.78	4.01e-03	0.47	1.59e-04	0.0	0.0
4	12.248	0.082	0.177	3.54	1.21e-03	1.955e+04	6.7	2151.61	0.7	0.0	0.0
5	13.998	0.071	0.180	4717.60	1.6	8.04	2.74e-03	37.94	1.29e-02	0.0	0.0
6	16.904	0.059	0.185	0.08	2.77e-05	25.44	8.67e-03	2.900e+05	98.8	0.0	0.0
7	33.343	0.030	0.195	7.19e-03	2.45e-06	0.32	1.10e-04	627.85	0.2	0.0	0.0
8	36.990	0.027	0.196	9.28e-03	3.16e-06	56.08	1.91e-02	20.63	7.03e-03	0.0	0.0
9	52.474	0.019	0.199	0.80	2.71e-04	2.61	8.91e-04	528.46	0.2	0.0	0.0
Risulta				2.935e+05		2.935e+05		2.934e+05			
In percentuale				100.00		100.00		99.98			

CDC	Tipo	Sigla Id	Note
4	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.168 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.227 sec.
			fattore q: 3.000
			fattore per spost. mu d: 3.816
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
425.00	6.758e+04	429.28	202.17	43.00	0.0	419.32	202.52	0.763	0.014	0.001
390.00	7509.19	413.82	203.18	43.00	0.0	419.16	210.34	0.771	0.007	0.030
357.50	6985.88	409.07	210.31	43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
325.00	6985.88	409.07	210.31	43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
292.50	6985.88	409.07	210.31	43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
260.00	2.112e+04	422.24	201.88	43.00	0.0	419.32	202.52	0.763	0.004	0.003
195.00	4.682e+04	426.11	200.79	43.00	0.0	419.32	202.52	0.763	0.009	0.007

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
130.00	5.872e+04	426.88	201.15	43.00	0.0	419.32	202.52	0.763	0.010	0.006
65.00	7.078e+04	427.40	201.40	43.00	0.0	419.32	202.52	0.763	0.011	0.005
Risulta	2.935e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.400	0.227	0.168	655.57	0.2	1.776e+05	60.5	25.62	8.73e-03	0.0	0.0
2	4.938	0.203	0.168	7425.52	2.5	9.525e+04	32.5	24.77	8.44e-03	0.0	0.0
3	5.264	0.190	0.168	2.807e+05	95.6	879.68	0.3	1.45	4.93e-04	0.0	0.0
4	12.250	0.082	0.177	3.81	1.30e-03	1.962e+04	6.7	2134.65	0.7	0.0	0.0
5	13.997	0.071	0.180	4717.54	1.6	7.31	2.49e-03	38.79	1.32e-02	0.0	0.0
6	16.903	0.059	0.185	0.09	3.03e-05	25.04	8.53e-03	2.900e+05	98.8	0.0	0.0
7	34.554	0.029	0.196	0.05	1.80e-05	26.48	9.02e-03	361.95	0.1	0.0	0.0
8	38.339	0.026	0.197	5.56e-04	0.0	34.15	1.16e-02	665.38	0.2	0.0	0.0
9	49.300	0.020	0.199	6.30	2.15e-03	1.58	5.39e-04	53.19	1.81e-02	0.0	0.0
Risulta				2.935e+05		2.935e+05		2.933e+05			
In percentuale				100.00		100.00		99.94			

CDC	Tipo	Sigla Id	Note
5	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.168 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.230 sec.
			fattore q: 3.000
			fattore per spost. mu d: 3.788
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
425.00	6.758e+04	429.28	202.17	-43.00	0.0	419.32	202.52	0.763	0.014	0.001
390.00	7509.19	413.82	203.18	-43.00	0.0	419.16	210.34	0.771	0.007	0.030
357.50	6985.88	409.07	210.31	-43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
325.00	6985.88	409.07	210.31	-43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
292.50	6985.88	409.07	210.31	-43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
260.00	2.112e+04	422.24	201.88	-43.00	0.0	419.32	202.52	0.763	0.004	0.003
195.00	4.682e+04	426.11	200.79	-43.00	0.0	419.32	202.52	0.763	0.009	0.007
130.00	5.872e+04	426.88	201.15	-43.00	0.0	419.32	202.52	0.763	0.010	0.006
65.00	7.078e+04	427.40	201.40	-43.00	0.0	419.32	202.52	0.763	0.011	0.005
Risulta	2.935e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.356	0.230	0.168	624.90	0.2	1.768e+05	60.2	24.34	8.29e-03	0.0	0.0
2	5.000	0.200	0.168	1.095e+04	3.7	9.522e+04	32.4	27.79	9.47e-03	0.0	0.0
3	5.266	0.190	0.168	2.772e+05	94.4	1721.04	0.6	0.03	1.17e-05	0.0	0.0
4	12.258	0.082	0.177	3.41	1.16e-03	1.964e+04	6.7	2168.42	0.7	0.0	0.0
5	13.997	0.071	0.180	4717.56	1.6	9.06	3.09e-03	38.03	1.30e-02	0.0	0.0
6	16.905	0.059	0.185	0.09	3.08e-05	26.13	8.90e-03	2.900e+05	98.8	0.0	0.0
7	35.263	0.028	0.196	0.13	4.41e-05	15.53	5.29e-03	514.55	0.2	0.0	0.0
8	40.901	0.024	0.197	0.76	2.59e-04	40.95	1.40e-02	478.99	0.2	0.0	0.0
9	47.284	0.021	0.198	4.83	1.65e-03	0.37	1.26e-04	68.86	2.35e-02	0.0	0.0
Risulta				2.935e+05		2.935e+05		2.933e+05			
In				100.00		100.00		99.95			

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
percentuale											

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.187 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
425.00	6.758e+04	429.28	202.17	0.0	-20.25	419.32	202.52	0.763	0.014	0.001
390.00	7509.19	413.82	203.18	0.0	-20.25	419.16	210.34	0.771	0.007	0.030
357.50	6985.88	409.07	210.31	0.0	-20.25	419.16	210.34	0.771	0.014	1.3897e-04
325.00	6985.88	409.07	210.31	0.0	-20.25	419.16	210.34	0.771	0.014	1.3897e-04
292.50	6985.88	409.07	210.31	0.0	-20.25	419.16	210.34	0.771	0.014	1.3897e-04
260.00	2.112e+04	422.24	201.88	0.0	-20.25	419.32	202.52	0.763	0.004	0.003
195.00	4.682e+04	426.11	200.79	0.0	-20.25	419.32	202.52	0.763	0.009	0.007
130.00	5.872e+04	426.88	201.15	0.0	-20.25	419.32	202.52	0.763	0.010	0.006
65.00	7.078e+04	427.40	201.40	0.0	-20.25	419.32	202.52	0.763	0.011	0.005
Risulta	2.935e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.589	0.218	0.183	7763.48	2.6	2.096e+05	71.4	36.99	1.26e-02	0.0	0.0
2	4.648	0.215	0.183	2.909e+04	9.9	6.421e+04	21.9	13.10	4.46e-03	0.0	0.0
3	5.338	0.187	0.183	2.519e+05	85.8	34.72	1.18e-02	0.25	8.47e-05	0.0	0.0
4	12.248	0.082	0.170	3.64	1.24e-03	1.955e+04	6.7	2152.35	0.7	0.0	0.0
5	13.998	0.071	0.158	4730.35	1.6	8.11	2.76e-03	39.16	1.33e-02	0.0	0.0
6	16.904	0.059	0.143	0.10	3.43e-05	25.44	8.67e-03	2.900e+05	98.8	0.0	0.0
7	33.003	0.030	0.109	0.06	2.01e-05	0.05	1.87e-05	609.48	0.2	0.0	0.0
8	36.945	0.027	0.106	0.02	7.16e-06	56.27	1.92e-02	9.60	3.27e-03	0.0	0.0
9	51.632	0.019	0.096	0.13	4.31e-05	2.74	9.33e-04	564.75	0.2	0.0	0.0
Risulta				2.935e+05		2.935e+05		2.934e+05			
In percentuale				100.00		100.00		99.98			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.190 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
425.00	6.758e+04	429.28	202.17	0.0	20.25	419.32	202.52	0.763	0.014	0.001
390.00	7509.19	413.82	203.18	0.0	20.25	419.16	210.34	0.771	0.007	0.030

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
357.50	6985.88	409.07	210.31	0.0	20.25	419.16	210.34	0.771	0.014	1.3897e-04
325.00	6985.88	409.07	210.31	0.0	20.25	419.16	210.34	0.771	0.014	1.3897e-04
292.50	6985.88	409.07	210.31	0.0	20.25	419.16	210.34	0.771	0.014	1.3897e-04
260.00	2.112e+04	422.24	201.88	0.0	20.25	419.32	202.52	0.763	0.004	0.003
195.00	4.682e+04	426.11	200.79	0.0	20.25	419.32	202.52	0.763	0.009	0.007
130.00	5.872e+04	426.88	201.15	0.0	20.25	419.32	202.52	0.763	0.010	0.006
65.00	7.078e+04	427.40	201.40	0.0	20.25	419.32	202.52	0.763	0.011	0.005
Risulta	2.935e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.596	0.218	0.183	481.23	0.2	2.551e+05	86.9	46.57	1.59e-02	0.0	0.0
2	4.698	0.213	0.183	8983.99	3.1	1.871e+04	6.4	3.33	1.13e-03	0.0	0.0
3	5.272	0.190	0.183	2.793e+05	95.2	11.78	4.01e-03	0.47	1.59e-04	0.0	0.0
4	12.248	0.082	0.170	3.54	1.21e-03	1.955e+04	6.7	2151.61	0.7	0.0	0.0
5	13.998	0.071	0.158	4717.60	1.6	8.04	2.74e-03	37.94	1.29e-02	0.0	0.0
6	16.904	0.059	0.143	0.08	2.77e-05	25.44	8.67e-03	2.900e+05	98.8	0.0	0.0
7	33.343	0.030	0.109	7.19e-03	2.45e-06	0.32	1.10e-04	627.85	0.2	0.0	0.0
8	36.990	0.027	0.105	9.28e-03	3.16e-06	56.08	1.91e-02	20.63	7.03e-03	0.0	0.0
9	52.474	0.019	0.096	0.80	2.71e-04	2.61	8.91e-04	528.46	0.2	0.0	0.0
Risulta				2.935e+05		2.935e+05		2.934e+05			
In percentuale				100.00		100.00		99.98			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.227 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
425.00	6.758e+04	429.28	202.17	43.00	0.0	419.32	202.52	0.763	0.014	0.001
390.00	7509.19	413.82	203.18	43.00	0.0	419.16	210.34	0.771	0.007	0.030
357.50	6985.88	409.07	210.31	43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
325.00	6985.88	409.07	210.31	43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
292.50	6985.88	409.07	210.31	43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
260.00	2.112e+04	422.24	201.88	43.00	0.0	419.32	202.52	0.763	0.004	0.003
195.00	4.682e+04	426.11	200.79	43.00	0.0	419.32	202.52	0.763	0.009	0.007
130.00	5.872e+04	426.88	201.15	43.00	0.0	419.32	202.52	0.763	0.010	0.006
65.00	7.078e+04	427.40	201.40	43.00	0.0	419.32	202.52	0.763	0.011	0.005
Risulta	2.935e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.400	0.227	0.183	655.57	0.2	1.776e+05	60.5	25.62	8.73e-03	0.0	0.0
2	4.938	0.203	0.183	7425.52	2.5	9.525e+04	32.5	24.77	8.44e-03	0.0	0.0
3	5.264	0.190	0.183	2.807e+05	95.6	879.68	0.3	1.45	4.93e-04	0.0	0.0
4	12.250	0.082	0.170	3.81	1.30e-03	1.962e+04	6.7	2134.65	0.7	0.0	0.0
5	13.997	0.071	0.158	4717.54	1.6	7.31	2.49e-03	38.79	1.32e-02	0.0	0.0
6	16.903	0.059	0.143	0.09	3.03e-05	25.04	8.53e-03	2.900e+05	98.8	0.0	0.0
7	34.554	0.029	0.108	0.05	1.80e-05	26.48	9.02e-03	361.95	0.1	0.0	0.0
8	38.339	0.026	0.104	5.56e-04	0.0	34.15	1.16e-02	665.38	0.2	0.0	0.0
9	49.300	0.020	0.098	6.30	2.15e-03	1.58	5.39e-04	53.19	1.81e-02	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
Risulta				2.935e+05		2.935e+05		2.933e+05			
In percentuale				100.00		100.00		99.94			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.230 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
425.00	6.758e+04	429.28	202.17	-43.00	0.0	419.32	202.52	0.763	0.014	0.001
390.00	7509.19	413.82	203.18	-43.00	0.0	419.16	210.34	0.771	0.007	0.030
357.50	6985.88	409.07	210.31	-43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
325.00	6985.88	409.07	210.31	-43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
292.50	6985.88	409.07	210.31	-43.00	0.0	419.16	210.34	0.771	0.014	1.3897e-04
260.00	2.112e+04	422.24	201.88	-43.00	0.0	419.32	202.52	0.763	0.004	0.003
195.00	4.682e+04	426.11	200.79	-43.00	0.0	419.32	202.52	0.763	0.009	0.007
130.00	5.872e+04	426.88	201.15	-43.00	0.0	419.32	202.52	0.763	0.010	0.006
65.00	7.078e+04	427.40	201.40	-43.00	0.0	419.32	202.52	0.763	0.011	0.005
Risulta	2.935e+05									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.356	0.230	0.183	624.90	0.2	1.768e+05	60.2	24.34	8.29e-03	0.0	0.0
2	5.000	0.200	0.183	1.095e+04	3.7	9.522e+04	32.4	27.79	9.47e-03	0.0	0.0
3	5.266	0.190	0.183	2.772e+05	94.4	1721.04	0.6	0.03	1.17e-05	0.0	0.0
4	12.258	0.082	0.170	3.41	1.16e-03	1.964e+04	6.7	2168.42	0.7	0.0	0.0
5	13.997	0.071	0.158	4717.56	1.6	9.06	3.09e-03	38.03	1.30e-02	0.0	0.0
6	16.905	0.059	0.143	0.09	3.08e-05	26.13	8.90e-03	2.900e+05	98.8	0.0	0.0
7	35.263	0.028	0.107	0.13	4.41e-05	15.53	5.29e-03	514.55	0.2	0.0	0.0
8	40.901	0.024	0.102	0.76	2.59e-04	40.95	1.40e-02	478.99	0.2	0.0	0.0
9	47.284	0.021	0.099	4.83	1.65e-03	0.37	1.26e-04	68.86	2.35e-02	0.0	0.0
Risulta				2.935e+05		2.935e+05		2.933e+05			
In percentuale				100.00		100.00		99.95			

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	1	5.14e-03	-0.35	-0.19	3.24e-04	1.29e-05	-3.79e-05
1	2	5.14e-03	-0.35	-0.20	3.25e-04	1.28e-05	-3.79e-05
1	10	0.13	-0.44	-0.14	2.94e-04	5.40e-05	3.24e-04
1	30	0.11	-0.48	-0.19	4.31e-04	4.62e-06	3.15e-04
1	36	0.05	-0.43	-0.20	4.36e-04	-2.81e-05	1.94e-04
1	42	0.15	-0.46	-0.14	2.98e-04	5.79e-05	3.57e-04
1	62	0.12	-0.50	-0.19	4.48e-04	4.06e-06	3.47e-04
1	68	0.05	-0.44	-0.20	4.53e-04	-3.15e-05	2.15e-04
2	1	-5.09e-03	-0.35	-0.19	3.38e-04	-1.33e-05	4.58e-05
2	2	-5.09e-03	-0.35	-0.19	3.40e-04	-1.28e-05	4.58e-05
2	11	-0.13	-0.36	-0.11	1.93e-04	-6.69e-05	-3.16e-04
2	24	-0.11	-0.47	-0.18	4.50e-04	-3.44e-06	-2.85e-04
2	26	-0.04	-0.42	-0.19	4.56e-04	2.99e-05	-1.64e-04
2	43	-0.15	-0.37	-0.11	1.87e-04	-7.19e-05	-3.49e-04
2	56	-0.12	-0.49	-0.19	4.67e-04	-2.75e-06	-3.15e-04
2	58	-0.05	-0.43	-0.20	4.74e-04	3.36e-05	-1.83e-04
3	1	1.54e-03	-0.36	-0.07	2.91e-04	3.52e-05	5.86e-05
3	2	1.54e-03	-0.36	-0.07	2.92e-04	3.50e-05	5.86e-05
3	3	3.66e-03	-1.24e-03	-0.06	1.61e-05	3.38e-05	5.90e-05
3	17	0.13	-0.27	-0.04	1.76e-04	8.04e-05	9.41e-05
3	27	-0.07	-0.15	-0.10	4.02e-05	-8.13e-06	2.37e-04
3	30	-3.68e-03	-0.48	-0.02	4.06e-04	5.87e-05	3.88e-04
3	49	0.14	-0.27	-0.04	1.72e-04	8.52e-05	9.87e-05
3	59	-0.07	-0.14	-0.10	2.36e-05	-1.13e-05	2.55e-04
3	62	-4.14e-03	-0.50	-0.01	4.22e-04	6.16e-05	4.21e-04
4	2	-1.69e-03	-0.35	-0.07	2.90e-04	-4.77e-05	-5.83e-05
4	3	-3.87e-03	-1.16e-03	-0.05	1.55e-05	-4.60e-05	-5.56e-05
4	20	-0.13	-0.36	-0.02	2.83e-04	-1.02e-04	-9.67e-05
4	24	-1.22e-03	-0.47	-0.01	4.12e-04	-6.91e-05	-3.65e-04
4	25	2.08e-03	-0.09	-0.09	3.57e-05	-1.74e-06	2.31e-04
4	52	-0.14	-0.37	-0.02	2.89e-04	-1.08e-04	-1.02e-04
4	56	-1.21e-03	-0.49	-7.72e-03	4.29e-04	-7.20e-05	-3.95e-04
4	57	2.39e-03	-0.08	-0.10	1.88e-05	1.45e-06	2.57e-04
5	2	-2.63e-03	-0.49	-0.13	5.70e-05	0.0	-1.54e-05
5	3	-3.24e-03	-9.41e-03	-0.06	2.12e-05	0.0	3.55e-06
5	13	0.14	-0.31	-0.10	-4.02e-06	0.0	1.88e-04
5	19	-0.14	-0.34	-0.09	-1.06e-05	0.0	-2.19e-04
5	24	-0.07	-0.56	-0.09	2.13e-04	0.0	-3.32e-04
5	45	0.15	-0.30	-0.10	-8.15e-06	0.0	2.07e-04
5	51	-0.16	-0.34	-0.09	-1.52e-05	0.0	-2.39e-04
5	56	-0.07	-0.57	-0.09	2.27e-04	0.0	-3.62e-04
6	2	-2.89e-03	-0.49	-0.19	2.92e-04	6.67e-05	9.04e-05
6	3	-6.80e-03	-0.01	-0.06	2.04e-05	6.57e-05	6.76e-05
6	19	-0.16	-0.39	-0.11	1.66e-04	-7.39e-06	-1.37e-04
6	24	-0.11	-0.65	-0.18	4.07e-04	5.37e-05	-2.40e-04
6	26	-0.04	-0.59	-0.20	4.12e-04	8.38e-05	-1.20e-04
6	51	-0.17	-0.39	-0.11	1.61e-04	-1.26e-05	-1.56e-04
6	56	-0.12	-0.67	-0.19	4.24e-04	5.41e-05	-2.69e-04
6	58	-0.04	-0.61	-0.20	4.29e-04	8.68e-05	-1.37e-04
7	2	1.40e-03	-0.49	-0.07	3.21e-04	-5.20e-05	5.06e-05
7	17	0.16	-0.36	-0.04	1.97e-04	9.39e-06	8.95e-05
7	27	-0.07	-0.20	-0.10	5.98e-05	-7.16e-05	2.39e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
7	30	3.30e-03	-0.65	-0.02	4.29e-04	-1.18e-05	3.74e-04
7	49	0.17	-0.36	-0.04	1.93e-04	1.38e-05	9.43e-05
7	59	-0.08	-0.18	-0.10	4.30e-05	-7.44e-05	2.58e-04
7	62	3.50e-03	-0.68	-0.01	4.46e-04	-9.30e-06	4.06e-04
8	1	-7.76e-03	-0.49	-0.07	3.21e-04	3.54e-05	-4.96e-05
8	2	-7.72e-03	-0.49	-0.07	3.22e-04	3.50e-05	-4.95e-05
8	20	-0.16	-0.48	-0.02	3.06e-04	-3.15e-05	-8.55e-05
8	24	-0.01	-0.65	-0.01	4.37e-04	0.0	-3.49e-04
8	33	0.07	-0.20	-0.09	6.68e-05	6.01e-05	-2.63e-04
8	52	-0.18	-0.49	-0.02	3.11e-04	-3.67e-05	-8.99e-05
8	56	-0.01	-0.67	-8.53e-03	4.55e-04	-3.04e-06	-3.79e-04
8	65	0.08	-0.19	-0.10	5.06e-05	6.31e-05	-2.84e-04
9	2	3.28e-03	-0.47	-0.07	3.43e-04	-7.28e-05	2.07e-04
9	17	0.15	-0.34	-0.04	2.14e-04	-5.84e-06	2.09e-04
9	27	-0.07	-0.19	-0.10	7.54e-05	-8.66e-05	3.59e-04
9	30	3.62e-03	-0.62	-0.02	4.49e-04	-2.86e-05	4.94e-04
9	49	0.17	-0.34	-0.04	2.09e-04	-1.41e-06	2.13e-04
9	59	-0.08	-0.17	-0.10	5.84e-05	-8.94e-05	3.78e-04
9	62	3.73e-03	-0.65	-0.01	4.65e-04	-2.61e-05	5.26e-04
10	1	-1.77e-03	-0.49	-0.19	2.21e-04	0.0	-3.58e-05
10	2	-1.76e-03	-0.49	-0.19	2.20e-04	0.0	-3.62e-05
10	19	-0.15	-0.31	-0.14	1.10e-04	0.0	-2.34e-04
10	28	-0.11	-0.53	-0.19	3.57e-04	0.0	-3.07e-04
10	30	0.12	-0.56	-0.18	3.55e-04	0.0	3.12e-04
10	51	-0.17	-0.30	-0.14	1.05e-04	0.0	-2.53e-04
10	60	-0.12	-0.55	-0.19	3.73e-04	0.0	-3.33e-04
10	62	0.13	-0.58	-0.19	3.72e-04	0.0	3.44e-04
11	1	-1.24e-03	-0.49	-0.19	9.72e-05	0.0	-1.89e-04
11	2	-1.24e-03	-0.49	-0.19	9.78e-05	0.0	-1.90e-04
11	19	-0.15	-0.34	-0.13	1.71e-05	0.0	-3.54e-04
11	22	-0.04	-0.53	-0.18	2.62e-04	0.0	-3.07e-04
11	24	-0.11	-0.54	-0.18	2.57e-04	0.0	-4.76e-04
11	51	-0.16	-0.33	-0.13	1.19e-05	0.0	-3.73e-04
11	54	-0.04	-0.54	-0.19	2.79e-04	0.0	-3.22e-04
11	56	-0.12	-0.55	-0.19	2.73e-04	0.0	-5.07e-04
12	1	-7.32e-04	-0.47	-0.19	2.27e-04	0.0	-1.40e-04
12	2	-7.30e-04	-0.47	-0.19	2.28e-04	0.0	-1.40e-04
12	19	-0.15	-0.30	-0.14	1.14e-04	0.0	-3.13e-04
12	28	-0.11	-0.50	-0.19	3.66e-04	0.0	-3.90e-04
12	30	0.12	-0.53	-0.18	3.65e-04	0.0	2.30e-04
12	51	-0.16	-0.29	-0.14	1.09e-04	0.0	-3.33e-04
12	60	-0.12	-0.51	-0.19	3.84e-04	0.0	-4.16e-04
12	62	0.13	-0.54	-0.19	3.82e-04	0.0	2.61e-04
13	1	-1.37e-03	-0.49	-0.19	5.01e-05	0.0	-1.29e-04
13	2	-1.36e-03	-0.49	-0.19	5.02e-05	0.0	-1.29e-04
13	19	-0.15	-0.34	-0.13	-1.73e-05	0.0	-3.07e-04
13	22	-0.04	-0.54	-0.18	2.18e-04	0.0	-2.59e-04
13	24	-0.11	-0.54	-0.18	2.12e-04	0.0	-4.27e-04
13	51	-0.16	-0.33	-0.13	-2.22e-05	0.0	-3.26e-04
13	54	-0.04	-0.55	-0.19	2.34e-04	0.0	-2.74e-04
13	56	-0.12	-0.56	-0.19	2.28e-04	0.0	-4.58e-04
14	1	-1.06e-03	-0.47	-0.19	2.14e-04	0.0	-1.08e-04
14	2	-1.05e-03	-0.47	-0.19	2.14e-04	0.0	-1.08e-04
14	19	-0.15	-0.30	-0.14	1.05e-04	0.0	-2.89e-04
14	28	-0.11	-0.51	-0.19	3.54e-04	0.0	-3.64e-04
14	30	0.12	-0.54	-0.18	3.53e-04	0.0	2.55e-04
14	51	-0.16	-0.30	-0.14	9.93e-05	0.0	-3.08e-04
14	60	-0.12	-0.53	-0.19	3.71e-04	0.0	-3.91e-04
14	62	0.13	-0.56	-0.19	3.70e-04	0.0	2.87e-04
15	1	-1.71e-03	-0.49	-0.19	4.77e-05	0.0	-6.53e-05
15	2	-1.71e-03	-0.49	-0.19	4.70e-05	0.0	-6.60e-05
15	19	-0.15	-0.33	-0.13	-1.86e-05	0.0	-2.58e-04
15	22	-0.04	-0.54	-0.18	2.13e-04	0.0	-2.07e-04
15	24	-0.11	-0.55	-0.18	2.07e-04	0.0	-3.75e-04
15	51	-0.16	-0.33	-0.13	-2.35e-05	0.0	-2.77e-04
15	54	-0.04	-0.56	-0.19	2.28e-04	0.0	-2.22e-04
15	56	-0.12	-0.57	-0.19	2.22e-04	0.0	-4.05e-04
16	1	-2.13e-03	-0.49	-0.19	2.40e-04	-4.27e-06	-1.76e-05
16	2	-2.11e-03	-0.49	-0.19	2.40e-04	-3.96e-06	-1.78e-05
16	19	-0.15	-0.31	-0.14	1.25e-04	-5.26e-05	-2.20e-04
16	28	-0.12	-0.55	-0.19	3.72e-04	-3.26e-05	-2.92e-04
16	30	0.12	-0.57	-0.18	3.71e-04	-5.04e-06	3.27e-04
16	51	-0.17	-0.31	-0.14	1.20e-04	-5.70e-05	-2.39e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
16	60	-0.13	-0.56	-0.19	3.89e-04	-3.53e-05	-3.18e-04
16	62	0.13	-0.59	-0.19	3.87e-04	-5.30e-06	3.59e-04
17	2	0.03	-0.47	-0.11	0.0	-4.72e-04	2.67e-04
17	3	0.04	-9.89e-03	-0.06	0.0	-5.47e-04	3.13e-04
17	15	-0.12	-0.26	-0.11	0.0	-4.13e-04	1.51e-04
17	17	0.17	-0.34	-0.06	0.0	-3.21e-04	2.53e-04
17	30	0.04	-0.62	-0.06	0.0	-3.40e-04	5.45e-04
17	47	-0.13	-0.25	-0.11	0.0	-4.17e-04	1.46e-04
17	49	0.18	-0.34	-0.06	0.0	-3.18e-04	2.57e-04
17	62	0.04	-0.65	-0.06	0.0	-3.38e-04	5.77e-04
18	2	0.05	-0.38	-0.13	0.0	7.04e-04	3.06e-06
18	3	0.06	-2.13e-03	-0.06	0.0	8.48e-04	0.0
18	18	0.16	-0.40	-0.08	0.0	6.16e-04	2.07e-04
18	20	-0.07	-0.29	-0.13	0.0	4.55e-04	-4.78e-05
18	30	0.10	-0.51	-0.10	0.0	5.42e-04	3.42e-04
18	50	0.17	-0.41	-0.08	0.0	6.23e-04	2.26e-04
18	52	-0.08	-0.29	-0.13	0.0	4.47e-04	-5.25e-05
18	62	0.10	-0.53	-0.10	0.0	5.42e-04	3.74e-04
19	2	-2.40e-03	-0.49	-0.19	1.67e-04	7.53e-06	1.13e-05
19	3	-3.15e-03	-0.01	-0.06	1.82e-06	-1.39e-05	1.11e-06
19	19	-0.15	-0.34	-0.13	7.19e-05	-5.24e-05	-1.98e-04
19	22	-0.04	-0.56	-0.19	3.13e-04	3.12e-05	-1.44e-04
19	24	-0.11	-0.56	-0.18	3.07e-04	3.65e-06	-3.10e-04
19	51	-0.17	-0.33	-0.13	6.68e-05	-5.75e-05	-2.17e-04
19	54	-0.04	-0.57	-0.19	3.30e-04	3.35e-05	-1.58e-04
19	56	-0.12	-0.58	-0.19	3.23e-04	3.58e-06	-3.40e-04
20	2	-2.93e-03	-0.49	-0.19	1.85e-04	0.0	2.23e-05
20	3	-3.46e-03	-0.01	-0.06	-4.42e-06	0.0	0.0
20	19	-0.15	-0.34	-0.13	9.37e-05	0.0	-1.89e-04
20	24	-0.11	-0.56	-0.18	3.29e-04	0.0	-2.99e-04
20	26	-0.04	-0.55	-0.19	3.25e-04	0.0	-1.78e-04
20	51	-0.17	-0.34	-0.13	8.93e-05	0.0	-2.09e-04
20	56	-0.12	-0.58	-0.19	3.46e-04	0.0	-3.29e-04
20	58	-0.04	-0.57	-0.19	3.42e-04	0.0	-1.96e-04
21	2	-2.64e-03	-0.49	-0.19	1.99e-04	9.53e-06	2.08e-05
21	3	-4.02e-03	-0.01	-0.06	-3.41e-06	-1.35e-05	0.0
21	19	-0.16	-0.34	-0.13	9.56e-05	-4.58e-05	-1.90e-04
21	24	-0.11	-0.57	-0.18	3.36e-04	5.76e-06	-3.01e-04
21	26	-0.04	-0.56	-0.19	3.40e-04	3.37e-05	-1.80e-04
21	51	-0.17	-0.34	-0.13	9.04e-05	-5.04e-05	-2.10e-04
21	56	-0.12	-0.59	-0.19	3.52e-04	5.73e-06	-3.31e-04
21	58	-0.04	-0.58	-0.19	3.57e-04	3.60e-05	-1.98e-04
22	2	-2.92e-03	-0.49	-0.19	2.00e-04	0.0	1.70e-06
22	3	-4.31e-03	-0.01	-0.06	-1.20e-05	0.0	-5.61e-06
22	19	-0.15	-0.35	-0.13	1.05e-04	0.0	-2.05e-04
22	24	-0.11	-0.57	-0.18	3.44e-04	0.0	-3.16e-04
22	26	-0.04	-0.55	-0.19	3.39e-04	0.0	-1.94e-04
22	51	-0.17	-0.34	-0.13	1.01e-04	0.0	-2.25e-04
22	56	-0.12	-0.59	-0.19	3.61e-04	0.0	-3.45e-04
22	58	-0.04	-0.57	-0.19	3.56e-04	0.0	-2.12e-04
23	2	-3.17e-03	-0.49	-0.19	2.09e-04	-6.23e-06	2.22e-06
23	3	-4.98e-03	-0.01	-0.06	-1.04e-05	-1.82e-05	-5.06e-06
23	19	-0.16	-0.35	-0.13	1.12e-04	-5.56e-05	-2.05e-04
23	24	-0.11	-0.58	-0.18	3.52e-04	-5.84e-06	-3.15e-04
23	26	-0.04	-0.57	-0.19	3.47e-04	2.12e-05	-1.94e-04
23	51	-0.17	-0.35	-0.13	1.07e-04	-6.00e-05	-2.24e-04
23	56	-0.13	-0.60	-0.19	3.69e-04	-5.83e-06	-3.45e-04
23	58	-0.04	-0.58	-0.19	3.64e-04	2.36e-05	-2.12e-04
24	2	-2.98e-03	-0.49	-0.19	1.60e-04	0.0	-2.15e-05
24	3	-5.28e-03	-0.01	-0.06	-3.11e-05	0.0	-1.45e-05
24	19	-0.15	-0.35	-0.13	7.59e-05	0.0	-2.24e-04
24	24	-0.11	-0.58	-0.18	3.10e-04	0.0	-3.35e-04
24	26	-0.04	-0.56	-0.19	3.06e-04	0.0	-2.13e-04
24	51	-0.17	-0.35	-0.12	7.16e-05	0.0	-2.43e-04
24	56	-0.12	-0.60	-0.19	3.27e-04	0.0	-3.65e-04
24	58	-0.04	-0.58	-0.19	3.22e-04	0.0	-2.32e-04
25	2	-3.70e-03	-0.49	-0.19	1.76e-04	-1.98e-05	-1.85e-05
25	3	-5.89e-03	-0.01	-0.06	-2.64e-05	-1.93e-05	-1.30e-05
25	19	-0.16	-0.36	-0.13	8.83e-05	-6.67e-05	-2.21e-04
25	24	-0.11	-0.59	-0.18	3.25e-04	-1.66e-05	-3.32e-04
25	26	-0.04	-0.57	-0.19	3.20e-04	1.08e-05	-2.10e-04
25	51	-0.17	-0.35	-0.12	8.40e-05	-7.12e-05	-2.41e-04
25	56	-0.13	-0.61	-0.19	3.42e-04	-1.67e-05	-3.62e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
25	58	-0.04	-0.59	-0.19	3.36e-04	1.31e-05	-2.29e-04
26	2	-3.89e-03	-0.49	-0.19	1.14e-04	-9.22e-06	-9.94e-06
26	3	-6.58e-03	-0.01	-0.06	-4.92e-05	-4.90e-06	-1.49e-05
26	19	-0.16	-0.36	-0.12	4.19e-05	-6.29e-05	-2.14e-04
26	24	-0.12	-0.60	-0.18	2.72e-04	-8.56e-06	-3.24e-04
26	26	-0.04	-0.57	-0.19	2.67e-04	2.07e-05	-2.03e-04
26	51	-0.17	-0.36	-0.12	3.77e-05	-6.79e-05	-2.34e-04
26	56	-0.13	-0.62	-0.19	2.88e-04	-8.64e-06	-3.54e-04
26	58	-0.04	-0.59	-0.19	2.83e-04	2.32e-05	-2.21e-04
27	2	-3.91e-03	-0.49	-0.19	1.13e-04	0.0	2.50e-05
27	3	-7.25e-03	-0.01	-0.06	-5.24e-05	-4.12e-06	-6.62e-06
27	19	-0.16	-0.37	-0.12	4.02e-05	-6.02e-05	-1.87e-04
27	24	-0.11	-0.61	-0.18	2.70e-04	0.0	-2.94e-04
27	26	-0.04	-0.58	-0.19	2.66e-04	3.01e-05	-1.73e-04
27	51	-0.17	-0.37	-0.12	3.59e-05	-6.55e-05	-2.06e-04
27	56	-0.13	-0.64	-0.18	2.87e-04	0.0	-3.23e-04
27	58	-0.04	-0.60	-0.19	2.82e-04	3.29e-05	-1.91e-04
28	2	-3.88e-03	-0.49	-0.19	1.66e-04	-3.00e-06	4.27e-05
28	3	-7.61e-03	-0.01	-0.06	-3.62e-05	-7.28e-06	4.68e-06
28	19	-0.16	-0.38	-0.12	7.08e-05	-6.17e-05	-1.73e-04
28	24	-0.11	-0.62	-0.18	3.12e-04	0.0	-2.79e-04
28	26	-0.04	-0.58	-0.19	3.11e-04	3.02e-05	-1.58e-04
28	51	-0.17	-0.38	-0.12	6.57e-05	-6.70e-05	-1.93e-04
28	56	-0.13	-0.65	-0.18	3.29e-04	0.0	-3.08e-04
28	58	-0.04	-0.60	-0.20	3.27e-04	3.32e-05	-1.76e-04
29	2	-3.52e-03	-0.49	-0.19	2.41e-04	1.41e-05	6.76e-05
29	3	-7.42e-03	-0.01	-0.06	-4.92e-06	1.28e-05	3.19e-05
29	19	-0.16	-0.38	-0.11	1.28e-04	-4.79e-05	-1.54e-04
29	24	-0.11	-0.64	-0.18	3.67e-04	1.41e-05	-2.58e-04
29	26	-0.04	-0.59	-0.19	3.71e-04	4.42e-05	-1.38e-04
29	51	-0.17	-0.38	-0.11	1.22e-04	-5.32e-05	-1.73e-04
29	56	-0.13	-0.66	-0.19	3.83e-04	1.45e-05	-2.87e-04
29	58	-0.04	-0.61	-0.20	3.88e-04	4.72e-05	-1.56e-04
30	2	-1.18e-03	-0.49	-0.12	9.21e-05	0.0	-7.60e-05
30	3	-1.77e-03	-6.69e-03	-0.05	2.62e-05	0.0	1.73e-06
30	17	0.11	-0.31	-0.11	9.09e-06	0.0	-5.94e-06
30	19	-0.14	-0.37	-0.08	1.79e-05	0.0	-2.68e-04
30	24	-0.06	-0.57	-0.09	2.69e-04	0.0	-3.85e-04
30	49	0.12	-0.30	-0.11	3.71e-06	0.0	-1.01e-06
30	51	-0.15	-0.37	-0.08	1.32e-05	0.0	-2.87e-04
30	56	-0.07	-0.59	-0.09	2.86e-04	0.0	-4.15e-04
31	2	-3.08e-03	-0.49	-0.13	1.08e-04	0.0	-2.26e-06
31	3	-3.79e-03	-0.01	-0.06	1.91e-05	0.0	3.23e-06
31	13	0.14	-0.31	-0.10	3.61e-05	0.0	1.98e-04
31	19	-0.14	-0.34	-0.09	2.98e-05	0.0	-2.09e-04
31	24	-0.07	-0.56	-0.09	2.48e-04	0.0	-3.21e-04
31	45	0.15	-0.30	-0.10	3.21e-05	0.0	2.16e-04
31	51	-0.16	-0.34	-0.09	2.52e-05	0.0	-2.28e-04
31	56	-0.07	-0.58	-0.09	2.62e-04	0.0	-3.51e-04
32	2	-2.20e-03	-0.48	-0.13	4.41e-05	0.0	-3.14e-05
32	3	-2.74e-03	-8.69e-03	-0.06	2.32e-05	0.0	3.81e-06
32	13	0.14	-0.31	-0.10	-1.59e-05	0.0	1.77e-04
32	19	-0.14	-0.34	-0.09	-2.28e-05	0.0	-2.32e-04
32	24	-0.07	-0.55	-0.09	2.10e-04	0.0	-3.46e-04
32	45	0.15	-0.30	-0.10	-2.02e-05	0.0	1.96e-04
32	51	-0.15	-0.34	-0.09	-2.76e-05	0.0	-2.52e-04
32	56	-0.07	-0.57	-0.09	2.25e-04	0.0	-3.76e-04
33	2	-1.81e-03	-0.48	-0.13	9.47e-05	0.0	-6.86e-05
33	3	-2.35e-03	-8.13e-03	-0.06	2.48e-05	0.0	5.18e-06
33	13	0.13	-0.32	-0.10	1.98e-05	0.0	1.50e-04
33	19	-0.14	-0.33	-0.10	1.26e-05	0.0	-2.61e-04
33	24	-0.06	-0.53	-0.09	2.61e-04	0.0	-3.78e-04
33	45	0.15	-0.31	-0.10	1.52e-05	0.0	1.69e-04
33	51	-0.15	-0.33	-0.10	7.32e-06	0.0	-2.81e-04
33	56	-0.07	-0.55	-0.09	2.77e-04	0.0	-4.08e-04
34	2	-2.14e-03	-0.48	-0.13	7.21e-05	0.0	-4.71e-05
34	3	-2.72e-03	-8.90e-03	-0.06	2.28e-05	0.0	4.92e-06
34	13	0.14	-0.32	-0.10	4.84e-06	0.0	1.65e-04
34	19	-0.14	-0.33	-0.10	-2.07e-06	0.0	-2.44e-04
34	24	-0.07	-0.54	-0.09	2.35e-04	0.0	-3.60e-04
34	45	0.15	-0.31	-0.10	0.0	0.0	1.84e-04
34	51	-0.15	-0.33	-0.10	-7.03e-06	0.0	-2.64e-04
34	56	-0.07	-0.55	-0.09	2.50e-04	0.0	-3.90e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
35	2	-2.49e-03	-0.48	-0.13	8.28e-05	0.0	-2.61e-05
35	3	-3.12e-03	-9.61e-03	-0.06	2.06e-05	0.0	4.52e-06
35	13	0.14	-0.32	-0.10	1.51e-05	0.0	1.80e-04
35	19	-0.14	-0.33	-0.10	8.47e-06	0.0	-2.27e-04
35	24	-0.07	-0.55	-0.10	2.36e-04	0.0	-3.41e-04
35	45	0.15	-0.31	-0.10	1.09e-05	0.0	1.99e-04
35	51	-0.16	-0.33	-0.10	3.72e-06	0.0	-2.47e-04
35	56	-0.07	-0.56	-0.10	2.50e-04	0.0	-3.71e-04
36	2	-2.84e-03	-0.49	-0.13	1.27e-04	0.0	-8.76e-06
36	3	-3.52e-03	-0.01	-0.06	1.85e-05	0.0	3.95e-06
36	13	0.14	-0.32	-0.10	5.03e-05	0.0	1.93e-04
36	19	-0.14	-0.33	-0.10	4.38e-05	0.0	-2.14e-04
36	24	-0.07	-0.55	-0.10	2.64e-04	0.0	-3.26e-04
36	45	0.15	-0.31	-0.10	4.62e-05	0.0	2.12e-04
36	51	-0.16	-0.33	-0.10	3.92e-05	0.0	-2.33e-04
36	56	-0.07	-0.57	-0.10	2.79e-04	0.0	-3.56e-04
37	1	-2.43e-03	-0.49	-0.19	2.86e-04	-2.16e-05	-1.61e-05
37	2	-2.41e-03	-0.49	-0.20	2.85e-04	-2.16e-05	-1.62e-05
37	19	-0.15	-0.27	-0.15	1.60e-04	-6.59e-05	-2.17e-04
37	30	0.12	-0.63	-0.18	4.08e-04	-1.92e-05	3.25e-04
37	36	0.04	-0.59	-0.19	4.03e-04	-4.93e-05	2.04e-04
37	51	-0.17	-0.26	-0.16	1.54e-04	-7.02e-05	-2.36e-04
37	62	0.13	-0.65	-0.19	4.24e-04	-1.96e-05	3.57e-04
37	68	0.05	-0.61	-0.20	4.20e-04	-5.23e-05	2.24e-04
38	2	-1.73e-03	-0.47	-0.13	1.93e-04	0.0	-1.24e-04
38	3	-2.45e-03	-9.01e-03	-0.06	2.27e-05	0.0	8.60e-06
38	19	-0.14	-0.30	-0.10	8.67e-05	0.0	-3.00e-04
38	30	0.07	-0.53	-0.09	3.41e-04	0.0	2.40e-04
38	51	-0.15	-0.29	-0.10	8.12e-05	0.0	-3.19e-04
38	62	0.07	-0.55	-0.09	3.58e-04	0.0	2.71e-04
39	2	-5.02e-03	-0.49	-0.13	2.38e-04	1.19e-05	3.73e-05
39	3	-6.11e-03	-0.01	-0.05	1.83e-05	-7.15e-05	0.0
39	18	0.14	-0.39	-0.11	2.28e-04	6.75e-05	2.35e-04
39	19	-0.15	-0.36	-0.08	1.38e-04	-5.14e-05	-1.78e-04
39	24	-0.07	-0.60	-0.10	3.57e-04	8.90e-06	-2.86e-04
39	50	0.15	-0.40	-0.11	2.32e-04	7.27e-05	2.54e-04
39	51	-0.16	-0.36	-0.08	1.34e-04	-5.66e-05	-1.97e-04
39	56	-0.08	-0.62	-0.10	3.72e-04	9.09e-06	-3.15e-04
40	2	-1.92e-03	-0.47	-0.13	1.83e-04	0.0	-9.04e-05
40	3	-2.63e-03	-9.70e-03	-0.06	1.99e-05	0.0	7.61e-06
40	19	-0.14	-0.30	-0.10	8.03e-05	0.0	-2.74e-04
40	30	0.07	-0.54	-0.09	3.29e-04	0.0	2.66e-04
40	51	-0.15	-0.30	-0.10	7.49e-05	0.0	-2.93e-04
40	62	0.07	-0.56	-0.09	3.46e-04	0.0	2.97e-04
41	2	-2.07e-03	-0.48	-0.13	1.88e-04	0.0	-5.56e-05
41	3	-2.75e-03	-0.01	-0.06	1.76e-05	0.0	6.28e-06
41	19	-0.14	-0.30	-0.10	8.54e-05	0.0	-2.48e-04
41	30	0.07	-0.55	-0.09	3.29e-04	0.0	2.94e-04
41	51	-0.16	-0.30	-0.10	8.02e-05	0.0	-2.67e-04
41	62	0.07	-0.57	-0.09	3.45e-04	0.0	3.25e-04
42	1	-2.71e-03	-0.35	-0.12	2.81e-04	2.23e-05	3.71e-05
42	2	-2.71e-03	-0.35	-0.12	2.81e-04	2.16e-05	3.71e-05
42	3	-3.23e-03	-7.36e-06	-0.06	2.21e-05	2.52e-05	-1.52e-06
42	18	0.12	-0.27	-0.10	2.58e-04	6.21e-05	2.31e-04
42	19	-0.12	-0.27	-0.08	1.74e-04	-2.85e-05	-1.74e-04
42	24	-0.06	-0.41	-0.09	3.79e-04	1.72e-05	-2.85e-04
42	50	0.13	-0.27	-0.11	2.62e-04	6.60e-05	2.50e-04
42	51	-0.13	-0.27	-0.08	1.71e-04	-3.25e-05	-1.93e-04
42	56	-0.06	-0.43	-0.09	3.93e-04	1.74e-05	-3.14e-04
43	2	-2.20e-03	-0.49	-0.13	2.06e-04	0.0	-2.54e-05
43	3	-2.81e-03	-0.01	-0.06	1.59e-05	0.0	4.93e-06
43	19	-0.14	-0.31	-0.10	1.01e-04	0.0	-2.25e-04
43	30	0.07	-0.56	-0.09	3.38e-04	0.0	3.18e-04
43	51	-0.16	-0.30	-0.10	9.60e-05	0.0	-2.44e-04
43	62	0.07	-0.58	-0.09	3.54e-04	0.0	3.50e-04
44	2	-3.56e-03	-0.49	-0.13	2.05e-04	-7.53e-06	4.12e-06
44	3	-4.38e-03	-0.01	-0.06	1.66e-05	-1.28e-05	3.02e-06
44	13	0.14	-0.31	-0.10	1.11e-04	4.48e-05	2.02e-04
44	19	-0.15	-0.34	-0.09	1.05e-04	-6.41e-05	-2.03e-04
44	24	-0.07	-0.57	-0.09	3.23e-04	-7.69e-06	-3.15e-04
44	45	0.15	-0.31	-0.10	1.07e-04	4.93e-05	2.21e-04
44	51	-0.16	-0.34	-0.09	1.00e-04	-6.93e-05	-2.23e-04
44	56	-0.08	-0.59	-0.09	3.38e-04	-7.76e-06	-3.45e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
45	2	-3.18e-03	-0.49	-0.13	2.12e-04	-2.26e-06	0.0
45	3	-3.95e-03	-0.01	-0.06	1.62e-05	-9.27e-06	3.65e-06
45	13	0.14	-0.32	-0.10	1.17e-04	4.87e-05	1.99e-04
45	19	-0.15	-0.33	-0.10	1.10e-04	-5.98e-05	-2.06e-04
45	24	-0.07	-0.56	-0.10	3.28e-04	-4.03e-06	-3.19e-04
45	45	0.15	-0.31	-0.10	1.12e-04	5.32e-05	2.18e-04
45	51	-0.16	-0.33	-0.10	1.05e-04	-6.50e-05	-2.26e-04
45	56	-0.08	-0.58	-0.10	3.43e-04	-4.14e-06	-3.49e-04
46	2	-2.34e-03	-0.49	-0.13	2.39e-04	-9.42e-06	-9.69e-06
46	3	-2.89e-03	-0.01	-0.06	1.36e-05	-8.69e-06	4.56e-06
46	19	-0.15	-0.31	-0.10	1.28e-04	-6.47e-05	-2.13e-04
46	30	0.07	-0.57	-0.09	3.58e-04	1.99e-05	3.32e-04
46	51	-0.16	-0.31	-0.10	1.23e-04	-6.98e-05	-2.32e-04
46	62	0.07	-0.59	-0.09	3.73e-04	2.24e-05	3.64e-04
47	2	-1.80e-03	-0.48	-0.13	6.96e-05	0.0	-4.69e-05
47	3	-2.30e-03	-7.90e-03	-0.06	2.50e-05	0.0	3.96e-06
47	13	0.13	-0.31	-0.10	1.05e-06	0.0	1.66e-04
47	19	-0.14	-0.34	-0.09	-6.06e-06	0.0	-2.45e-04
47	24	-0.06	-0.54	-0.09	2.39e-04	0.0	-3.60e-04
47	45	0.15	-0.30	-0.10	-3.53e-06	0.0	1.85e-04
47	51	-0.15	-0.34	-0.09	-1.12e-05	0.0	-2.65e-04
47	56	-0.07	-0.56	-0.09	2.55e-04	0.0	-3.90e-04
48	2	-3.59e-03	-0.49	-0.12	7.29e-05	0.0	2.64e-05
48	3	-4.27e-03	-9.77e-03	-0.05	2.03e-05	0.0	1.05e-06
48	18	0.14	-0.39	-0.11	9.99e-05	0.0	2.27e-04
48	19	-0.15	-0.36	-0.08	1.18e-05	0.0	-1.86e-04
48	24	-0.07	-0.59	-0.10	2.19e-04	0.0	-2.96e-04
48	50	0.15	-0.39	-0.11	1.04e-04	0.0	2.46e-04
48	51	-0.16	-0.36	-0.08	8.02e-06	0.0	-2.06e-04
48	56	-0.07	-0.61	-0.10	2.33e-04	0.0	-3.25e-04
49	2	-1.26e-03	-0.48	-0.12	1.08e-04	0.0	-5.01e-05
49	3	-1.77e-03	-6.78e-03	-0.06	2.63e-05	0.0	2.14e-06
49	17	0.11	-0.31	-0.10	2.95e-05	0.0	1.35e-05
49	19	-0.14	-0.36	-0.09	2.07e-05	0.0	-2.48e-04
49	24	-0.06	-0.56	-0.09	2.82e-04	0.0	-3.63e-04
49	49	0.12	-0.30	-0.11	2.49e-05	0.0	1.84e-05
49	51	-0.15	-0.36	-0.09	1.53e-05	0.0	-2.67e-04
49	56	-0.07	-0.58	-0.09	3.00e-04	0.0	-3.93e-04
50	2	-2.74e-03	-0.49	-0.12	-1.30e-06	0.0	4.64e-06
50	3	-3.37e-03	-9.07e-03	-0.05	2.21e-05	0.0	1.33e-06
50	17	0.12	-0.30	-0.11	-4.56e-05	0.0	5.41e-05
50	19	-0.14	-0.36	-0.08	-5.43e-05	0.0	-2.04e-04
50	24	-0.07	-0.59	-0.09	1.64e-04	0.0	-3.15e-04
50	49	0.13	-0.29	-0.11	-4.94e-05	0.0	5.89e-05
50	51	-0.16	-0.36	-0.08	-5.88e-05	0.0	-2.23e-04
50	56	-0.07	-0.61	-0.09	1.78e-04	0.0	-3.45e-04
51	1	-7.02e-04	-0.35	-0.12	2.93e-04	-5.52e-06	-2.62e-06
51	2	-7.01e-04	-0.35	-0.12	2.93e-04	-5.67e-06	-2.61e-06
51	3	-8.80e-04	2.02e-04	-0.05	2.33e-05	-4.57e-06	0.0
51	13	0.12	-0.23	-0.10	1.82e-04	4.19e-05	1.94e-04
51	19	-0.12	-0.26	-0.09	1.76e-04	-5.74e-05	-2.04e-04
51	24	-0.06	-0.38	-0.09	3.81e-04	-5.95e-06	-3.15e-04
51	45	0.13	-0.23	-0.10	1.78e-04	4.60e-05	2.12e-04
51	51	-0.13	-0.25	-0.09	1.71e-04	-6.22e-05	-2.23e-04
51	56	-0.06	-0.39	-0.09	3.95e-04	-6.02e-06	-3.45e-04
52	2	-5.97e-04	-0.43	-0.12	6.07e-04	0.0	-5.05e-05
52	3	-8.74e-04	-3.34e-03	-0.06	2.94e-05	0.0	2.06e-06
52	13	0.13	-0.28	-0.10	3.86e-04	0.0	1.63e-04
52	19	-0.13	-0.31	-0.09	4.06e-04	0.0	-2.46e-04
52	24	-0.06	-0.47	-0.09	7.13e-04	0.0	-3.62e-04
52	45	0.14	-0.28	-0.10	3.79e-04	0.0	1.81e-04
52	51	-0.14	-0.31	-0.09	4.01e-04	0.0	-2.66e-04
52	56	-0.06	-0.48	-0.09	7.36e-04	0.0	-3.92e-04
53	2	-1.59e-03	-0.49	-0.12	1.06e-05	0.0	-4.93e-05
53	3	-2.20e-03	-7.52e-03	-0.05	2.51e-05	0.0	1.68e-06
53	17	0.11	-0.30	-0.11	-5.01e-05	0.0	1.41e-05
53	19	-0.14	-0.37	-0.08	-4.14e-05	0.0	-2.47e-04
53	24	-0.06	-0.58	-0.09	1.92e-04	0.0	-3.62e-04
53	49	0.13	-0.30	-0.11	-5.51e-05	0.0	1.89e-05
53	51	-0.15	-0.36	-0.08	-4.57e-05	0.0	-2.66e-04
53	56	-0.07	-0.60	-0.09	2.07e-04	0.0	-3.93e-04
54	2	-2.10e-03	-0.49	-0.12	-2.09e-05	0.0	-2.19e-05
54	3	-2.72e-03	-8.32e-03	-0.05	2.37e-05	0.0	1.54e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
54	17	0.12	-0.30	-0.11	-6.26e-05	0.0	3.45e-05
54	19	-0.14	-0.36	-0.08	-7.16e-05	0.0	-2.25e-04
54	24	-0.07	-0.58	-0.09	1.56e-04	0.0	-3.39e-04
54	49	0.13	-0.30	-0.11	-6.66e-05	0.0	3.93e-05
54	51	-0.15	-0.36	-0.08	-7.63e-05	0.0	-2.44e-04
54	56	-0.07	-0.60	-0.09	1.71e-04	0.0	-3.69e-04
55	2	-5.57e-04	-0.39	-0.12	6.78e-04	0.0	-1.91e-05
55	3	-7.47e-04	-1.47e-03	-0.05	2.76e-05	0.0	0.0
55	13	0.12	-0.25	-0.10	4.45e-04	0.0	1.83e-04
55	19	-0.12	-0.28	-0.09	4.65e-04	0.0	-2.19e-04
55	24	-0.06	-0.42	-0.09	7.54e-04	0.0	-3.32e-04
55	45	0.13	-0.25	-0.10	4.38e-04	0.0	2.02e-04
55	51	-0.13	-0.28	-0.09	4.60e-04	0.0	-2.38e-04
55	56	-0.06	-0.43	-0.09	7.75e-04	0.0	-3.61e-04
56	2	-5.82e-04	-0.42	-0.12	4.78e-04	0.0	-1.26e-04
56	3	-8.96e-04	-4.18e-03	-0.06	3.53e-05	0.0	8.30e-06
56	19	-0.13	-0.27	-0.10	3.08e-04	0.0	-3.02e-04
56	30	0.06	-0.46	-0.09	5.80e-04	0.0	2.41e-04
56	51	-0.14	-0.26	-0.10	3.03e-04	0.0	-3.21e-04
56	62	0.07	-0.47	-0.09	5.99e-04	0.0	2.73e-04
57	2	1.24e-04	-0.38	-0.12	5.29e-04	0.0	-4.62e-05
57	3	1.50e-04	-1.84e-03	-0.06	3.50e-05	0.0	4.78e-06
57	18	0.12	-0.34	-0.09	4.74e-04	0.0	1.69e-04
57	19	-0.12	-0.25	-0.10	3.39e-04	0.0	-2.40e-04
57	30	0.06	-0.42	-0.09	6.12e-04	0.0	3.06e-04
57	50	0.13	-0.35	-0.09	4.80e-04	0.0	1.88e-04
57	51	-0.13	-0.24	-0.10	3.33e-04	0.0	-2.59e-04
57	62	0.07	-0.43	-0.09	6.31e-04	0.0	3.38e-04
58	2	1.24e-03	-0.35	-0.12	2.97e-04	-1.73e-05	-3.39e-06
58	3	1.53e-03	2.32e-04	-0.06	2.72e-05	-1.98e-05	1.12e-06
58	18	0.12	-0.32	-0.09	2.71e-04	4.14e-05	2.01e-04
58	19	-0.12	-0.23	-0.10	1.85e-04	-6.81e-05	-2.06e-04
58	30	0.06	-0.39	-0.09	3.82e-04	1.22e-05	3.37e-04
58	50	0.13	-0.32	-0.09	2.75e-04	4.63e-05	2.20e-04
58	51	-0.13	-0.22	-0.10	1.81e-04	-7.30e-05	-2.25e-04
58	62	0.06	-0.40	-0.09	3.96e-04	1.45e-05	3.69e-04
59	2	-9.88e-04	-0.46	-0.12	3.57e-04	0.0	-1.04e-04
59	3	-1.39e-03	-5.45e-03	-0.06	2.96e-05	0.0	4.78e-06
59	19	-0.13	-0.32	-0.09	2.04e-04	0.0	-2.89e-04
59	24	-0.06	-0.50	-0.09	5.03e-04	0.0	-4.06e-04
59	25	0.07	-0.21	-0.10	5.14e-05	0.0	2.01e-04
59	45	0.14	-0.30	-0.10	2.07e-04	0.0	1.42e-04
59	51	-0.14	-0.32	-0.09	1.97e-04	0.0	-3.09e-04
59	56	-0.07	-0.51	-0.09	5.23e-04	0.0	-4.37e-04
60	2	-1.50e-03	-0.48	-0.13	1.54e-04	0.0	-8.71e-05
60	3	-2.00e-03	-7.29e-03	-0.06	2.67e-05	0.0	5.27e-06
60	13	0.13	-0.31	-0.10	6.31e-05	0.0	1.36e-04
60	19	-0.14	-0.33	-0.09	5.54e-05	0.0	-2.76e-04
60	24	-0.06	-0.52	-0.09	3.17e-04	0.0	-3.93e-04
60	45	0.15	-0.31	-0.10	5.82e-05	0.0	1.55e-04
60	51	-0.15	-0.33	-0.09	4.98e-05	0.0	-2.96e-04
60	56	-0.07	-0.54	-0.09	3.34e-04	0.0	-4.24e-04
61	2	-6.25e-04	-0.43	-0.12	5.84e-04	0.0	-8.44e-05
61	3	-8.90e-04	-3.47e-03	-0.06	3.07e-05	0.0	3.28e-06
61	19	-0.13	-0.30	-0.09	3.73e-04	0.0	-2.73e-04
61	24	-0.06	-0.46	-0.09	6.92e-04	0.0	-3.87e-04
61	25	0.06	-0.21	-0.10	2.12e-04	0.0	2.13e-04
61	45	0.14	-0.28	-0.10	3.78e-04	0.0	1.55e-04
61	51	-0.14	-0.30	-0.09	3.67e-04	0.0	-2.92e-04
61	56	-0.06	-0.47	-0.09	7.15e-04	0.0	-4.18e-04
62	2	-3.85e-04	-0.39	-0.12	6.49e-04	0.0	-4.14e-05
62	3	-5.14e-04	-1.50e-03	-0.06	2.90e-05	0.0	1.26e-06
62	19	-0.12	-0.27	-0.09	4.42e-04	0.0	-2.36e-04
62	24	-0.06	-0.41	-0.09	7.27e-04	0.0	-3.49e-04
62	25	0.06	-0.19	-0.10	2.73e-04	0.0	2.41e-04
62	45	0.13	-0.26	-0.10	4.19e-04	0.0	1.85e-04
62	51	-0.13	-0.27	-0.09	4.36e-04	0.0	-2.55e-04
62	56	-0.06	-0.42	-0.09	7.48e-04	0.0	-3.79e-04
63	1	-1.34e-04	-0.35	-0.12	2.93e-04	-1.17e-05	-4.13e-06
63	2	-1.34e-04	-0.35	-0.12	2.94e-04	-1.18e-05	-4.11e-06
63	3	-1.97e-04	2.41e-04	-0.05	2.41e-05	-1.11e-05	0.0
63	19	-0.12	-0.25	-0.09	1.76e-04	-6.26e-05	-2.05e-04
63	24	-0.06	-0.37	-0.09	3.81e-04	-1.08e-05	-3.16e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
63	25	0.06	-0.17	-0.09	6.92e-05	-5.09e-06	2.66e-04
63	45	0.13	-0.23	-0.09	1.78e-04	4.17e-05	2.11e-04
63	51	-0.13	-0.25	-0.09	1.72e-04	-6.73e-05	-2.24e-04
63	56	-0.06	-0.38	-0.09	3.95e-04	-1.09e-05	-3.45e-04
64	2	-9.03e-04	-0.46	-0.12	3.59e-04	0.0	-6.76e-05
64	3	-1.28e-03	-5.25e-03	-0.06	2.89e-05	0.0	3.38e-06
64	13	0.13	-0.30	-0.10	2.15e-04	0.0	1.51e-04
64	19	-0.13	-0.33	-0.09	2.05e-04	0.0	-2.61e-04
64	24	-0.06	-0.51	-0.09	5.06e-04	0.0	-3.78e-04
64	45	0.14	-0.30	-0.10	2.09e-04	0.0	1.70e-04
64	51	-0.14	-0.33	-0.09	1.99e-04	0.0	-2.81e-04
64	56	-0.07	-0.52	-0.09	5.27e-04	0.0	-4.08e-04
65	2	-1.45e-03	-0.48	-0.12	1.35e-04	0.0	-5.95e-05
65	3	-1.91e-03	-7.06e-03	-0.06	2.66e-05	0.0	3.95e-06
65	13	0.13	-0.31	-0.10	4.84e-05	0.0	1.57e-04
65	19	-0.14	-0.34	-0.09	4.09e-05	0.0	-2.55e-04
65	24	-0.06	-0.53	-0.09	3.07e-04	0.0	-3.71e-04
65	45	0.15	-0.30	-0.10	4.35e-05	0.0	1.76e-04
65	51	-0.15	-0.34	-0.09	3.53e-05	0.0	-2.75e-04
65	56	-0.07	-0.55	-0.09	3.25e-04	0.0	-4.01e-04
66	1	3.98e-03	-0.35	-0.19	3.60e-04	-2.65e-05	7.34e-06
66	2	3.97e-03	-0.35	-0.19	3.61e-04	-2.64e-05	7.32e-06
66	10	0.13	-0.37	-0.15	3.24e-04	1.99e-05	3.56e-04
66	28	-0.10	-0.35	-0.19	4.76e-04	-4.85e-05	-2.62e-04
66	30	0.11	-0.42	-0.18	4.67e-04	-2.24e-05	3.46e-04
66	42	0.15	-0.38	-0.15	3.29e-04	2.33e-05	3.88e-04
66	60	-0.11	-0.36	-0.19	4.94e-04	-5.11e-05	-2.87e-04
66	62	0.12	-0.43	-0.19	4.84e-04	-2.27e-05	3.78e-04
67	1	-2.09e-03	-0.49	-0.19	3.00e-04	-1.35e-05	-6.50e-06
67	2	-2.07e-03	-0.49	-0.19	3.01e-04	-1.35e-05	-6.58e-06
67	19	-0.15	-0.29	-0.15	1.71e-04	-5.98e-05	-2.10e-04
67	28	-0.12	-0.54	-0.19	4.22e-04	-3.89e-05	-2.81e-04
67	30	0.12	-0.60	-0.18	4.21e-04	-1.20e-05	3.33e-04
67	51	-0.17	-0.28	-0.15	1.65e-04	-6.42e-05	-2.29e-04
67	60	-0.13	-0.55	-0.19	4.39e-04	-4.15e-05	-3.07e-04
67	62	0.13	-0.62	-0.19	4.38e-04	-1.22e-05	3.65e-04
68	2	2.69e-03	-0.35	-0.12	3.01e-04	-4.36e-05	3.68e-06
68	3	3.25e-03	-1.21e-05	-0.06	3.07e-05	-4.21e-05	5.70e-06
68	18	0.12	-0.34	-0.08	2.75e-04	8.87e-06	2.07e-04
68	19	-0.12	-0.21	-0.11	1.88e-04	-7.62e-05	-2.01e-04
68	30	0.06	-0.42	-0.09	3.90e-04	-3.54e-05	3.42e-04
68	50	0.13	-0.34	-0.08	2.79e-04	1.26e-05	2.26e-04
68	51	-0.13	-0.20	-0.11	1.84e-04	-7.99e-05	-2.20e-04
68	62	0.07	-0.43	-0.09	4.04e-04	-3.56e-05	3.73e-04
69	2	-1.22e-03	-0.49	-0.13	2.62e-04	0.0	-2.98e-06
69	3	-1.49e-03	-0.01	-0.06	1.93e-05	4.01e-05	9.74e-06
69	19	-0.15	-0.29	-0.11	1.44e-04	-5.06e-05	-2.07e-04
69	30	0.07	-0.60	-0.09	3.81e-04	0.0	3.37e-04
69	51	-0.16	-0.28	-0.11	1.39e-04	-5.52e-05	-2.26e-04
69	62	0.08	-0.62	-0.09	3.97e-04	0.0	3.68e-04
70	1	-2.33e-04	-0.35	-0.19	4.48e-04	-1.34e-05	-9.66e-06
70	2	-2.29e-04	-0.35	-0.19	4.50e-04	-1.35e-05	-9.66e-06
70	3	-4.53e-04	-3.92e-04	-0.06	7.39e-05	-9.06e-06	-3.79e-06
70	11	-0.13	-0.25	-0.13	2.75e-04	-5.03e-05	-3.56e-04
70	22	-0.04	-0.37	-0.18	5.53e-04	-7.36e-06	-1.57e-04
70	24	-0.10	-0.37	-0.18	5.46e-04	-3.34e-05	-3.20e-04
70	43	-0.14	-0.25	-0.13	2.69e-04	-5.37e-05	-3.88e-04
70	54	-0.04	-0.37	-0.19	5.72e-04	-7.18e-06	-1.71e-04
70	56	-0.11	-0.38	-0.19	5.65e-04	-3.55e-05	-3.50e-04
71	2	-1.58e-03	-0.48	-0.19	2.26e-04	0.0	-2.31e-04
71	3	-1.68e-03	-0.01	-0.07	1.10e-05	0.0	-5.63e-05
71	19	-0.14	-0.33	-0.13	1.12e-04	0.0	-3.87e-04
71	22	-0.04	-0.52	-0.18	3.68e-04	0.0	-3.40e-04
71	24	-0.11	-0.53	-0.18	3.74e-04	0.0	-5.10e-04
71	51	-0.16	-0.33	-0.13	1.06e-04	0.0	-4.06e-04
71	54	-0.04	-0.53	-0.19	3.85e-04	0.0	-3.55e-04
71	56	-0.12	-0.54	-0.19	3.92e-04	0.0	-5.41e-04
72	2	-4.06e-03	-0.49	-0.16	3.76e-04	7.34e-06	0.0
72	3	-5.55e-03	-0.01	-0.06	4.66e-05	-2.59e-05	0.0
72	19	-0.15	-0.36	-0.11	2.40e-04	-5.08e-05	0.0
72	24	-0.09	-0.59	-0.14	4.89e-04	4.76e-06	0.0
72	26	-0.02	-0.57	-0.15	4.83e-04	3.43e-05	0.0
72	51	-0.17	-0.35	-0.11	2.36e-04	-5.58e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
72	56	-0.10	-0.61	-0.14	5.07e-04	4.80e-06	0.0
72	58	-0.02	-0.59	-0.15	5.00e-04	3.69e-05	0.0
73	1	-1.40e-03	-0.48	-0.19	2.12e-04	0.0	-7.23e-05
73	2	-1.39e-03	-0.48	-0.19	2.12e-04	0.0	-7.28e-05
73	19	-0.15	-0.30	-0.14	1.03e-04	0.0	-2.62e-04
73	28	-0.11	-0.52	-0.19	3.51e-04	0.0	-3.36e-04
73	30	0.12	-0.55	-0.18	3.50e-04	0.0	2.83e-04
73	51	-0.16	-0.30	-0.14	9.79e-05	0.0	-2.81e-04
73	60	-0.12	-0.54	-0.19	3.68e-04	0.0	-3.62e-04
73	62	0.13	-0.57	-0.19	3.66e-04	0.0	3.15e-04
74	2	3.02e-03	-0.38	-0.19	3.80e-04	-1.36e-05	9.04e-06
74	3	3.08e-03	-3.29e-03	-0.07	4.35e-05	-8.72e-06	2.52e-05
74	10	0.14	-0.39	-0.15	3.61e-04	3.51e-05	3.58e-04
74	28	-0.10	-0.38	-0.19	4.88e-04	-4.26e-05	-2.62e-04
74	30	0.11	-0.45	-0.18	4.89e-04	-1.22e-05	3.48e-04
74	42	0.15	-0.40	-0.15	3.67e-04	3.91e-05	3.91e-04
74	60	-0.11	-0.39	-0.19	5.06e-04	-4.55e-05	-2.88e-04
74	62	0.12	-0.46	-0.19	5.07e-04	-1.24e-05	3.80e-04
75	2	1.33e-03	-0.38	-0.19	4.80e-04	0.0	-5.97e-05
75	10	0.13	-0.36	-0.15	4.19e-04	0.0	3.03e-04
75	28	-0.10	-0.39	-0.19	5.82e-04	0.0	-3.17e-04
75	30	0.11	-0.42	-0.18	5.71e-04	0.0	2.90e-04
75	42	0.15	-0.37	-0.15	4.24e-04	0.0	3.36e-04
75	60	-0.11	-0.40	-0.19	6.02e-04	0.0	-3.42e-04
75	62	0.12	-0.43	-0.19	5.89e-04	0.0	3.22e-04
76	2	2.15e-03	-0.35	-0.19	4.05e-04	-2.37e-05	-7.95e-06
76	10	0.13	-0.33	-0.15	3.59e-04	2.16e-05	3.43e-04
76	28	-0.10	-0.36	-0.19	5.15e-04	-4.56e-05	-2.73e-04
76	30	0.11	-0.39	-0.18	5.04e-04	-2.01e-05	3.32e-04
76	42	0.14	-0.34	-0.15	3.63e-04	2.50e-05	3.75e-04
76	60	-0.11	-0.36	-0.19	5.33e-04	-4.81e-05	-2.99e-04
76	62	0.12	-0.40	-0.18	5.22e-04	-2.03e-05	3.63e-04
77	2	2.36e-03	-0.40	-0.19	3.59e-04	-1.07e-05	9.94e-06
77	3	2.81e-03	-5.85e-03	-0.07	3.92e-05	-6.68e-06	5.36e-05
77	18	0.14	-0.38	-0.15	3.38e-04	4.31e-05	2.13e-04
77	28	-0.10	-0.41	-0.19	4.72e-04	-3.77e-05	-2.65e-04
77	30	0.11	-0.48	-0.18	4.72e-04	-9.11e-06	3.49e-04
77	50	0.15	-0.39	-0.15	3.44e-04	4.77e-05	2.32e-04
77	60	-0.11	-0.42	-0.19	4.89e-04	-4.03e-05	-2.90e-04
77	62	0.12	-0.49	-0.19	4.89e-04	-9.28e-06	3.81e-04
78	2	6.65e-04	-0.41	-0.19	4.28e-04	0.0	-1.32e-04
78	3	7.85e-04	-4.70e-03	-0.07	2.42e-05	0.0	-1.38e-05
78	18	0.14	-0.37	-0.15	3.95e-04	0.0	1.02e-04
78	28	-0.11	-0.43	-0.19	5.38e-04	0.0	-3.78e-04
78	30	0.11	-0.46	-0.18	5.36e-04	0.0	2.34e-04
78	50	0.15	-0.38	-0.15	4.01e-04	0.0	1.21e-04
78	60	-0.11	-0.44	-0.19	5.57e-04	0.0	-4.04e-04
78	62	0.12	-0.47	-0.19	5.54e-04	0.0	2.65e-04
79	2	1.69e-03	-0.42	-0.19	3.29e-04	-1.15e-05	9.03e-06
79	3	2.44e-03	-8.04e-03	-0.07	3.01e-05	-8.01e-06	6.98e-05
79	18	0.14	-0.40	-0.15	3.15e-04	4.27e-05	2.12e-04
79	28	-0.11	-0.44	-0.19	4.49e-04	-3.85e-05	-2.68e-04
79	30	0.12	-0.51	-0.18	4.48e-04	-9.68e-06	3.48e-04
79	50	0.15	-0.41	-0.15	3.21e-04	4.72e-05	2.31e-04
79	60	-0.12	-0.45	-0.19	4.66e-04	-4.12e-05	-2.93e-04
79	62	0.13	-0.52	-0.19	4.65e-04	-9.84e-06	3.80e-04
80	2	9.50e-05	-0.44	-0.19	3.36e-04	0.0	-1.72e-04
80	3	4.48e-04	-6.22e-03	-0.07	2.40e-05	0.0	-1.53e-05
80	18	0.14	-0.39	-0.15	3.22e-04	0.0	7.21e-05
80	28	-0.11	-0.46	-0.19	4.60e-04	0.0	-4.14e-04
80	30	0.11	-0.49	-0.18	4.58e-04	0.0	2.03e-04
80	50	0.15	-0.40	-0.15	3.28e-04	0.0	9.12e-05
80	60	-0.12	-0.47	-0.19	4.78e-04	0.0	-4.40e-04
80	62	0.12	-0.50	-0.19	4.76e-04	0.0	2.34e-04
81	2	8.18e-04	-0.45	-0.19	3.04e-04	-1.40e-05	6.24e-06
81	3	1.82e-03	-9.71e-03	-0.07	2.05e-05	-1.05e-05	6.66e-05
81	18	0.14	-0.42	-0.15	2.96e-04	4.01e-05	2.10e-04
81	28	-0.11	-0.47	-0.19	4.29e-04	-4.00e-05	-2.71e-04
81	30	0.12	-0.53	-0.18	4.28e-04	-1.15e-05	3.45e-04
81	50	0.16	-0.43	-0.15	3.01e-04	4.46e-05	2.29e-04
81	60	-0.12	-0.48	-0.19	4.46e-04	-4.26e-05	-2.97e-04
81	62	0.13	-0.55	-0.19	4.45e-04	-1.17e-05	3.77e-04
82	1	-4.62e-04	-0.46	-0.19	2.57e-04	0.0	-1.63e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
82	2	-4.61e-04	-0.46	-0.19	2.58e-04	0.0	-1.64e-04
82	19	-0.14	-0.29	-0.14	1.37e-04	0.0	-3.31e-04
82	28	-0.11	-0.49	-0.19	3.92e-04	0.0	-4.08e-04
82	30	0.11	-0.52	-0.18	3.90e-04	0.0	2.10e-04
82	51	-0.16	-0.29	-0.14	1.31e-04	0.0	-3.50e-04
82	60	-0.12	-0.50	-0.19	4.09e-04	0.0	-4.35e-04
82	62	0.13	-0.53	-0.19	4.07e-04	0.0	2.42e-04
83	2	2.45e-03	-0.48	-0.07	3.40e-04	-6.96e-05	1.07e-04
83	17	0.15	-0.35	-0.04	2.11e-04	-3.65e-06	1.33e-04
83	27	-0.07	-0.19	-0.10	7.33e-05	-8.47e-05	2.82e-04
83	30	3.51e-03	-0.64	-0.02	4.45e-04	-2.58e-05	4.18e-04
83	49	0.17	-0.35	-0.04	2.07e-04	0.0	1.37e-04
83	59	-0.08	-0.18	-0.10	5.64e-05	-8.76e-05	3.01e-04
83	62	3.67e-03	-0.66	-0.01	4.62e-04	-2.33e-05	4.49e-04
84	2	0.02	-0.48	-0.11	0.0	-4.55e-04	1.42e-04
84	3	0.02	-0.01	-0.06	0.0	-5.27e-04	1.72e-04
84	15	-0.13	-0.27	-0.11	0.0	-4.00e-04	5.44e-05
84	17	0.16	-0.35	-0.06	0.0	-3.08e-04	1.59e-04
84	30	0.02	-0.64	-0.06	0.0	-3.27e-04	4.48e-04
84	47	-0.14	-0.26	-0.11	0.0	-4.04e-04	4.92e-05
84	49	0.17	-0.35	-0.06	0.0	-3.04e-04	1.63e-04
84	62	0.02	-0.66	-0.06	0.0	-3.25e-04	4.80e-04
85	2	0.09	-0.45	-0.14	0.0	-4.84e-04	-1.81e-06
85	3	0.10	-7.99e-03	-0.06	0.0	-5.81e-04	-1.12e-06
85	18	0.21	-0.46	-0.08	0.0	-3.26e-04	2.04e-04
85	20	-0.05	-0.36	-0.13	0.0	-4.12e-04	-5.22e-05
85	30	0.14	-0.60	-0.11	0.0	-3.50e-04	3.39e-04
85	50	0.22	-0.47	-0.08	0.0	-3.22e-04	2.24e-04
85	52	-0.06	-0.36	-0.13	0.0	-4.16e-04	-5.70e-05
85	62	0.14	-0.62	-0.11	0.0	-3.48e-04	3.71e-04
86	1	-4.87e-04	-0.49	-0.16	3.74e-04	2.28e-05	0.0
86	2	-4.67e-04	-0.49	-0.16	3.73e-04	2.28e-05	0.0
86	19	-0.15	-0.27	-0.13	2.27e-04	-3.07e-05	0.0
86	30	0.09	-0.63	-0.14	4.75e-04	9.34e-06	0.0
86	36	0.02	-0.59	-0.15	4.70e-04	-2.11e-05	0.0
86	51	-0.16	-0.26	-0.13	2.21e-04	-3.50e-05	0.0
86	62	0.10	-0.65	-0.14	4.91e-04	8.51e-06	0.0
86	68	0.02	-0.61	-0.15	4.86e-04	-2.46e-05	0.0
87	2	9.08e-04	-0.49	-0.13	2.79e-04	6.17e-05	0.0
87	18	0.15	-0.48	-0.08	2.71e-04	9.39e-05	0.0
87	20	-0.12	-0.40	-0.12	2.63e-04	-1.60e-05	0.0
87	30	0.07	-0.62	-0.10	3.92e-04	3.35e-05	0.0
87	50	0.16	-0.49	-0.08	2.76e-04	9.80e-05	0.0
87	52	-0.13	-0.41	-0.12	2.67e-04	-2.17e-05	0.0
87	62	0.08	-0.65	-0.10	4.08e-04	3.22e-05	0.0
88	2	0.09	-0.40	-0.13	0.0	5.15e-04	1.85e-06
88	3	0.11	-3.77e-03	-0.06	0.0	5.89e-04	-1.09e-06
88	18	0.20	-0.42	-0.08	0.0	4.72e-04	2.07e-04
88	20	-0.04	-0.31	-0.13	0.0	3.30e-04	-4.93e-05
88	30	0.13	-0.53	-0.10	0.0	4.31e-04	3.42e-04
88	50	0.21	-0.43	-0.08	0.0	4.79e-04	2.27e-04
88	52	-0.05	-0.31	-0.13	0.0	3.24e-04	-5.41e-05
88	62	0.14	-0.55	-0.10	0.0	4.34e-04	3.74e-04
89	2	0.11	-0.42	-0.13	0.0	1.00e-04	0.0
89	3	0.13	-5.43e-03	-0.06	0.0	8.06e-05	-1.83e-06
89	18	0.22	-0.43	-0.08	0.0	1.38e-04	2.07e-04
89	20	-0.03	-0.33	-0.13	0.0	2.46e-05	-5.03e-05
89	30	0.15	-0.56	-0.10	0.0	1.06e-04	3.42e-04
89	50	0.23	-0.45	-0.08	0.0	1.44e-04	2.26e-04
89	52	-0.04	-0.33	-0.13	0.0	2.00e-05	-5.51e-05
89	62	0.16	-0.58	-0.10	0.0	1.08e-04	3.74e-04
90	2	0.03	-0.38	-0.16	0.0	4.84e-04	-2.23e-04
90	3	0.04	-1.92e-03	-0.06	0.0	5.84e-04	-2.80e-04
90	18	0.15	-0.40	-0.11	0.0	4.39e-04	3.54e-05
90	20	-0.07	-0.29	-0.16	0.0	2.95e-04	-2.24e-04
90	30	0.11	-0.51	-0.14	0.0	3.72e-04	1.69e-04
90	50	0.17	-0.41	-0.11	0.0	4.45e-04	5.49e-05
90	52	-0.08	-0.29	-0.16	0.0	2.88e-04	-2.28e-04
90	62	0.12	-0.53	-0.14	0.0	3.72e-04	2.01e-04
91	2	0.06	-0.40	-0.17	0.0	3.45e-04	-4.70e-04
91	3	0.08	-3.58e-03	-0.07	0.0	3.93e-04	-5.70e-04
91	18	0.18	-0.42	-0.11	0.0	3.26e-04	-1.51e-04
91	20	-0.05	-0.31	-0.16	0.0	1.95e-04	-4.17e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
91	30	0.13	-0.53	-0.14	0.0	2.65e-04	-2.13e-05
91	50	0.19	-0.43	-0.11	0.0	3.31e-04	-1.31e-04
91	52	-0.06	-0.31	-0.16	0.0	1.88e-04	-4.23e-04
91	62	0.14	-0.55	-0.15	0.0	2.65e-04	1.06e-05
92	2	0.08	-0.42	-0.17	0.0	5.74e-05	-5.97e-04
92	3	0.09	-5.20e-03	-0.07	0.0	4.33e-05	-7.08e-04
92	18	0.20	-0.43	-0.11	0.0	9.64e-05	-2.48e-04
92	20	-0.04	-0.33	-0.16	0.0	-1.63e-05	-5.17e-04
92	30	0.15	-0.56	-0.14	0.0	4.48e-05	-1.21e-04
92	50	0.21	-0.45	-0.11	0.0	1.01e-04	-2.28e-04
92	52	-0.05	-0.33	-0.16	0.0	-2.17e-05	-5.23e-04
92	62	0.16	-0.58	-0.15	0.0	4.47e-05	-8.91e-05
93	2	-6.99e-04	-0.39	-0.19	6.16e-04	0.0	-5.24e-05
93	3	-9.67e-04	-4.65e-03	-0.07	5.85e-05	0.0	-1.59e-05
93	11	-0.13	-0.28	-0.13	3.95e-04	0.0	-3.92e-04
93	22	-0.04	-0.41	-0.18	7.05e-04	0.0	-1.92e-04
93	24	-0.10	-0.41	-0.18	6.97e-04	0.0	-3.56e-04
93	43	-0.15	-0.28	-0.13	3.87e-04	0.0	-4.25e-04
93	54	-0.04	-0.42	-0.19	7.26e-04	0.0	-2.06e-04
93	56	-0.11	-0.42	-0.19	7.17e-04	0.0	-3.86e-04
94	2	-1.12e-03	-0.43	-0.19	5.54e-04	0.0	-1.11e-04
94	3	-1.46e-03	-8.05e-03	-0.07	4.69e-05	0.0	-3.55e-05
94	19	-0.14	-0.30	-0.13	3.69e-04	0.0	-2.92e-04
94	22	-0.04	-0.45	-0.18	6.48e-04	0.0	-2.40e-04
94	24	-0.11	-0.46	-0.18	6.56e-04	0.0	-4.07e-04
94	51	-0.15	-0.30	-0.13	3.64e-04	0.0	-3.12e-04
94	54	-0.04	-0.46	-0.19	6.68e-04	0.0	-2.55e-04
94	56	-0.12	-0.47	-0.19	6.77e-04	0.0	-4.37e-04
95	2	-1.47e-03	-0.46	-0.19	4.11e-04	0.0	-1.67e-04
95	3	-1.85e-03	-0.01	-0.07	3.39e-05	0.0	-5.12e-05
95	19	-0.14	-0.32	-0.13	2.61e-04	0.0	-3.37e-04
95	22	-0.04	-0.49	-0.18	5.27e-04	0.0	-2.87e-04
95	24	-0.11	-0.50	-0.18	5.34e-04	0.0	-4.55e-04
95	51	-0.15	-0.32	-0.13	2.56e-04	0.0	-3.56e-04
95	54	-0.04	-0.50	-0.19	5.46e-04	0.0	-3.02e-04
95	56	-0.12	-0.51	-0.19	5.54e-04	0.0	-4.86e-04
96	1	-3.67e-03	-0.35	-0.19	4.57e-04	1.25e-05	-2.78e-06
96	2	-3.67e-03	-0.35	-0.19	4.59e-04	1.26e-05	-2.78e-06
96	11	-0.13	-0.31	-0.13	2.79e-04	-3.75e-05	-3.51e-04
96	24	-0.11	-0.41	-0.18	5.52e-04	1.06e-05	-3.18e-04
96	26	-0.04	-0.39	-0.19	5.60e-04	3.89e-05	-1.99e-04
96	43	-0.15	-0.31	-0.12	2.72e-04	-4.16e-05	-3.84e-04
96	56	-0.12	-0.43	-0.18	5.70e-04	1.08e-05	-3.48e-04
96	58	-0.05	-0.40	-0.19	5.79e-04	4.16e-05	-2.17e-04
97	2	-4.79e-03	-0.49	-0.19	2.26e-04	0.0	1.65e-04
97	3	-7.42e-03	-0.03	-0.06	-3.61e-06	0.0	-4.54e-05
97	19	-0.15	-0.37	-0.12	1.22e-04	0.0	-7.75e-05
97	24	-0.11	-0.58	-0.18	3.72e-04	0.0	-1.80e-04
97	26	-0.04	-0.55	-0.19	3.68e-04	0.0	-6.14e-05
97	51	-0.16	-0.37	-0.12	1.17e-04	0.0	-9.67e-05
97	56	-0.12	-0.59	-0.18	3.90e-04	0.0	-2.09e-04
97	58	-0.04	-0.56	-0.19	3.85e-04	0.0	-7.90e-05
98	1	-2.36e-03	-0.49	-0.19	9.87e-05	0.0	0.0
98	2	-2.35e-03	-0.49	-0.19	9.70e-05	0.0	-1.11e-06
98	19	-0.15	-0.33	-0.13	1.94e-05	0.0	-2.07e-04
98	22	-0.04	-0.55	-0.18	2.54e-04	0.0	-1.55e-04
98	24	-0.11	-0.56	-0.18	2.48e-04	0.0	-3.21e-04
98	51	-0.17	-0.33	-0.13	1.45e-05	0.0	-2.27e-04
98	54	-0.04	-0.56	-0.19	2.70e-04	0.0	-1.69e-04
98	56	-0.12	-0.57	-0.19	2.63e-04	0.0	-3.51e-04
99	2	-3.80e-03	-0.49	-0.19	2.76e-05	0.0	-8.91e-06
99	3	-6.85e-03	-0.01	-0.06	-8.84e-05	0.0	-2.12e-05
99	19	-0.15	-0.36	-0.12	-2.51e-05	0.0	-2.14e-04
99	24	-0.11	-0.59	-0.18	1.98e-04	0.0	-3.23e-04
99	26	-0.04	-0.57	-0.19	1.94e-04	0.0	-2.02e-04
99	51	-0.17	-0.36	-0.12	-2.93e-05	0.0	-2.33e-04
99	56	-0.12	-0.61	-0.19	2.14e-04	0.0	-3.52e-04
99	58	-0.04	-0.58	-0.19	2.09e-04	0.0	-2.20e-04
100	2	-2.12e-03	-0.47	-0.19	4.59e-04	0.0	-1.22e-04
100	3	-2.83e-03	-0.01	-0.06	4.62e-05	0.0	-6.43e-05
100	19	-0.14	-0.33	-0.13	2.98e-04	0.0	-3.02e-04
100	24	-0.11	-0.51	-0.18	5.73e-04	0.0	-4.19e-04
100	26	-0.04	-0.50	-0.18	5.67e-04	0.0	-2.95e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
100	51	-0.15	-0.33	-0.13	2.93e-04	0.0	-3.22e-04
100	56	-0.12	-0.53	-0.19	5.94e-04	0.0	-4.49e-04
100	58	-0.04	-0.52	-0.19	5.87e-04	0.0	-3.14e-04
101	2	-2.41e-03	-0.50	-0.19	4.06e-04	0.0	-1.82e-04
101	3	-3.26e-03	-0.02	-0.06	3.56e-05	0.0	-7.92e-05
101	19	-0.15	-0.35	-0.13	2.58e-04	0.0	-3.50e-04
101	24	-0.11	-0.55	-0.18	5.28e-04	0.0	-4.71e-04
101	26	-0.04	-0.54	-0.18	5.23e-04	0.0	-3.46e-04
101	51	-0.16	-0.35	-0.13	2.53e-04	0.0	-3.70e-04
101	56	-0.12	-0.56	-0.19	5.48e-04	0.0	-5.02e-04
101	58	-0.04	-0.55	-0.19	5.42e-04	0.0	-3.66e-04
102	2	-1.81e-03	-0.43	-0.19	5.93e-04	0.0	-7.44e-05
102	3	-2.33e-03	-9.97e-03	-0.06	6.32e-05	0.0	-4.31e-05
102	19	-0.14	-0.31	-0.13	3.99e-04	0.0	-2.64e-04
102	24	-0.11	-0.47	-0.18	6.90e-04	0.0	-3.78e-04
102	26	-0.04	-0.46	-0.18	6.83e-04	0.0	-2.56e-04
102	51	-0.15	-0.31	-0.13	3.94e-04	0.0	-2.84e-04
102	56	-0.12	-0.48	-0.19	7.11e-04	0.0	-4.09e-04
102	58	-0.04	-0.47	-0.19	7.04e-04	0.0	-2.75e-04
103	2	-1.46e-03	-0.39	-0.19	6.53e-04	0.0	-3.17e-05
103	3	-1.78e-03	-5.46e-03	-0.06	7.39e-05	0.0	-1.87e-05
103	11	-0.13	-0.29	-0.13	4.21e-04	0.0	-3.76e-04
103	24	-0.11	-0.42	-0.18	7.27e-04	0.0	-3.41e-04
103	26	-0.04	-0.41	-0.18	7.34e-04	0.0	-2.20e-04
103	43	-0.15	-0.29	-0.13	4.13e-04	0.0	-4.09e-04
103	56	-0.11	-0.44	-0.19	7.48e-04	0.0	-3.71e-04
103	58	-0.04	-0.43	-0.19	7.56e-04	0.0	-2.39e-04
104	1	-1.16e-03	-0.35	-0.19	4.62e-04	-5.63e-06	-7.62e-06
104	2	-1.16e-03	-0.35	-0.19	4.63e-04	-5.69e-06	-7.64e-06
104	3	-1.29e-03	-4.90e-04	-0.06	7.89e-05	-6.25e-06	-5.03e-06
104	11	-0.13	-0.27	-0.13	2.85e-04	-5.08e-05	-3.54e-04
104	24	-0.10	-0.38	-0.18	5.57e-04	-7.01e-06	-3.19e-04
104	26	-0.04	-0.37	-0.18	5.62e-04	2.10e-05	-2.00e-04
104	43	-0.14	-0.27	-0.13	2.79e-04	-5.48e-05	-3.87e-04
104	56	-0.11	-0.39	-0.18	5.75e-04	-7.16e-06	-3.49e-04
104	58	-0.04	-0.38	-0.19	5.81e-04	2.33e-05	-2.18e-04
105	2	-2.83e-03	-0.47	-0.19	4.87e-04	0.0	-5.51e-05
105	3	-3.87e-03	-0.02	-0.06	5.97e-05	0.0	-7.26e-05
105	19	-0.14	-0.35	-0.13	3.20e-04	0.0	-2.51e-04
105	24	-0.11	-0.53	-0.18	5.98e-04	0.0	-3.65e-04
105	26	-0.04	-0.51	-0.19	5.91e-04	0.0	-2.42e-04
105	51	-0.16	-0.34	-0.13	3.15e-04	0.0	-2.70e-04
105	56	-0.12	-0.54	-0.18	6.18e-04	0.0	-3.95e-04
105	58	-0.04	-0.52	-0.19	6.11e-04	0.0	-2.60e-04
106	2	-3.04e-03	-0.50	-0.19	4.53e-04	0.0	-6.31e-05
106	3	-4.53e-03	-0.02	-0.06	4.84e-05	0.0	-8.21e-05
106	19	-0.15	-0.36	-0.13	2.93e-04	0.0	-2.58e-04
106	24	-0.11	-0.56	-0.18	5.67e-04	0.0	-3.72e-04
106	26	-0.04	-0.55	-0.19	5.61e-04	0.0	-2.49e-04
106	51	-0.16	-0.36	-0.13	2.89e-04	0.0	-2.77e-04
106	56	-0.12	-0.58	-0.18	5.87e-04	0.0	-4.02e-04
106	58	-0.04	-0.56	-0.19	5.81e-04	0.0	-2.67e-04
107	2	-2.52e-03	-0.44	-0.19	6.18e-04	0.0	-3.84e-05
107	3	-3.21e-03	-0.01	-0.06	8.27e-05	0.0	-5.05e-05
107	19	-0.14	-0.32	-0.13	4.20e-04	0.0	-2.37e-04
107	24	-0.11	-0.48	-0.18	7.10e-04	0.0	-3.50e-04
107	26	-0.04	-0.47	-0.19	7.03e-04	0.0	-2.28e-04
107	51	-0.15	-0.32	-0.13	4.14e-04	0.0	-2.56e-04
107	56	-0.12	-0.50	-0.18	7.32e-04	0.0	-3.80e-04
107	58	-0.04	-0.48	-0.19	7.24e-04	0.0	-2.46e-04
108	2	-2.22e-03	-0.39	-0.19	6.74e-04	0.0	-1.75e-05
108	3	-2.59e-03	-6.41e-03	-0.06	9.21e-05	0.0	-2.17e-05
108	11	-0.13	-0.31	-0.13	4.35e-04	0.0	-3.65e-04
108	24	-0.11	-0.44	-0.18	7.44e-04	0.0	-3.30e-04
108	26	-0.04	-0.42	-0.19	7.52e-04	0.0	-2.10e-04
108	43	-0.15	-0.31	-0.13	4.28e-04	0.0	-3.98e-04
108	56	-0.12	-0.45	-0.18	7.65e-04	0.0	-3.60e-04
108	58	-0.04	-0.43	-0.19	7.74e-04	0.0	-2.28e-04
109	1	-2.04e-03	-0.35	-0.19	4.66e-04	0.0	-6.13e-06
109	2	-2.04e-03	-0.35	-0.19	4.68e-04	0.0	-6.15e-06
109	3	-2.10e-03	-6.49e-04	-0.06	8.05e-05	-3.89e-06	-6.05e-06
109	11	-0.13	-0.28	-0.13	2.88e-04	-4.62e-05	-3.53e-04
109	24	-0.10	-0.39	-0.18	5.61e-04	-1.77e-06	-3.19e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
109	26	-0.04	-0.38	-0.18	5.66e-04	2.61e-05	-2.00e-04
109	43	-0.14	-0.28	-0.13	2.82e-04	-5.02e-05	-3.86e-04
109	56	-0.11	-0.40	-0.18	5.79e-04	-1.84e-06	-3.49e-04
109	58	-0.04	-0.38	-0.19	5.85e-04	2.85e-05	-2.18e-04
110	2	-3.56e-03	-0.47	-0.19	4.76e-04	0.0	1.56e-05
110	3	-4.94e-03	-0.02	-0.06	6.83e-05	0.0	-7.55e-05
110	19	-0.14	-0.35	-0.13	3.12e-04	0.0	-1.95e-04
110	24	-0.11	-0.54	-0.18	5.86e-04	0.0	-3.06e-04
110	26	-0.04	-0.52	-0.19	5.80e-04	0.0	-1.84e-04
110	51	-0.16	-0.35	-0.12	3.07e-04	0.0	-2.14e-04
110	56	-0.12	-0.55	-0.18	6.06e-04	0.0	-3.36e-04
110	58	-0.04	-0.53	-0.19	5.99e-04	0.0	-2.03e-04
111	2	-3.74e-03	-0.50	-0.19	4.18e-04	0.0	6.70e-05
111	3	-5.85e-03	-0.02	-0.06	4.72e-05	0.0	-7.23e-05
111	19	-0.15	-0.37	-0.13	2.67e-04	0.0	-1.55e-04
111	24	-0.11	-0.57	-0.18	5.37e-04	0.0	-2.63e-04
111	26	-0.04	-0.55	-0.19	5.31e-04	0.0	-1.42e-04
111	51	-0.16	-0.37	-0.12	2.63e-04	0.0	-1.75e-04
111	56	-0.12	-0.59	-0.18	5.57e-04	0.0	-2.92e-04
111	58	-0.04	-0.57	-0.19	5.50e-04	0.0	-1.60e-04
112	2	-3.24e-03	-0.44	-0.19	6.23e-04	0.0	-2.31e-06
112	3	-4.12e-03	-0.01	-0.06	1.04e-04	0.0	-5.61e-05
112	19	-0.14	-0.33	-0.13	4.25e-04	0.0	-2.08e-04
112	24	-0.11	-0.50	-0.18	7.14e-04	0.0	-3.20e-04
112	26	-0.04	-0.47	-0.19	7.06e-04	0.0	-1.99e-04
112	51	-0.15	-0.33	-0.12	4.20e-04	0.0	-2.27e-04
112	56	-0.12	-0.51	-0.18	7.35e-04	0.0	-3.50e-04
112	58	-0.04	-0.49	-0.19	7.26e-04	0.0	-2.17e-04
113	2	-2.97e-03	-0.39	-0.19	6.81e-04	0.0	-4.17e-06
113	3	-3.38e-03	-7.50e-03	-0.06	1.13e-04	0.0	-2.44e-05
113	11	-0.14	-0.32	-0.13	4.40e-04	0.0	-3.54e-04
113	24	-0.11	-0.45	-0.18	7.49e-04	0.0	-3.20e-04
113	26	-0.04	-0.43	-0.19	7.57e-04	0.0	-1.99e-04
113	43	-0.15	-0.32	-0.13	4.32e-04	0.0	-3.87e-04
113	56	-0.12	-0.46	-0.18	7.69e-04	0.0	-3.50e-04
113	58	-0.04	-0.44	-0.19	7.79e-04	0.0	-2.18e-04
114	1	-2.89e-03	-0.35	-0.19	4.65e-04	5.90e-06	-4.81e-06
114	2	-2.88e-03	-0.35	-0.19	4.67e-04	5.91e-06	-4.82e-06
114	11	-0.13	-0.29	-0.13	2.86e-04	-4.18e-05	-3.52e-04
114	24	-0.10	-0.40	-0.18	5.59e-04	4.00e-06	-3.19e-04
114	26	-0.04	-0.38	-0.19	5.66e-04	3.20e-05	-1.99e-04
114	43	-0.14	-0.30	-0.13	2.80e-04	-4.58e-05	-3.85e-04
114	56	-0.11	-0.41	-0.18	5.78e-04	4.04e-06	-3.49e-04
114	58	-0.04	-0.39	-0.19	5.85e-04	3.44e-05	-2.18e-04
115	2	-4.33e-03	-0.47	-0.19	4.36e-04	0.0	7.30e-05
115	3	-6.05e-03	-0.02	-0.06	6.98e-05	0.0	-7.09e-05
115	19	-0.14	-0.36	-0.12	2.82e-04	0.0	-1.49e-04
115	24	-0.11	-0.55	-0.18	5.52e-04	0.0	-2.57e-04
115	26	-0.04	-0.52	-0.19	5.46e-04	0.0	-1.37e-04
115	51	-0.16	-0.36	-0.12	2.77e-04	0.0	-1.68e-04
115	56	-0.12	-0.56	-0.18	5.72e-04	0.0	-2.87e-04
115	58	-0.04	-0.53	-0.19	5.65e-04	0.0	-1.55e-04
116	2	-3.98e-03	-0.44	-0.19	6.10e-04	0.0	3.48e-05
116	3	-5.09e-03	-0.02	-0.06	1.25e-04	0.0	-5.68e-05
116	19	-0.14	-0.33	-0.12	4.16e-04	0.0	-1.78e-04
116	24	-0.11	-0.51	-0.18	7.00e-04	0.0	-2.89e-04
116	26	-0.04	-0.48	-0.19	6.92e-04	0.0	-1.68e-04
116	51	-0.15	-0.33	-0.12	4.11e-04	0.0	-1.97e-04
116	56	-0.12	-0.52	-0.18	7.21e-04	0.0	-3.19e-04
116	58	-0.04	-0.49	-0.19	7.12e-04	0.0	-1.87e-04
117	2	-3.68e-03	-0.39	-0.19	6.74e-04	0.0	1.14e-05
117	3	-4.18e-03	-8.72e-03	-0.06	1.36e-04	0.0	-2.55e-05
117	11	-0.14	-0.34	-0.13	4.76e-04	0.0	-3.42e-04
117	24	-0.11	-0.46	-0.18	7.52e-04	0.0	-3.08e-04
117	26	-0.04	-0.43	-0.19	7.43e-04	0.0	-1.87e-04
117	43	-0.15	-0.34	-0.12	4.72e-04	0.0	-3.75e-04
117	56	-0.12	-0.47	-0.18	7.74e-04	0.0	-3.37e-04
117	58	-0.05	-0.44	-0.19	7.64e-04	0.0	-2.06e-04
118	2	2.94e-04	-0.45	-0.19	2.95e-04	-1.54e-05	3.82e-06
118	3	1.41e-03	-0.01	-0.07	1.68e-05	-1.16e-05	5.80e-05
118	18	0.15	-0.43	-0.15	2.88e-04	3.91e-05	2.08e-04
118	28	-0.11	-0.48	-0.19	4.21e-04	-4.11e-05	-2.73e-04
118	30	0.12	-0.55	-0.18	4.20e-04	-1.27e-05	3.42e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
118	50	0.16	-0.44	-0.15	2.94e-04	4.36e-05	2.27e-04
118	60	-0.12	-0.49	-0.19	4.38e-04	-4.38e-05	-2.99e-04
118	62	0.13	-0.56	-0.19	4.37e-04	-1.28e-05	3.74e-04
119	1	4.70e-03	-0.45	-0.07	3.35e-04	-5.28e-05	3.96e-04
119	2	4.70e-03	-0.45	-0.07	3.35e-04	-5.27e-05	3.96e-04
119	17	0.15	-0.33	-0.04	2.07e-04	1.00e-05	3.52e-04
119	27	-0.07	-0.18	-0.10	6.88e-05	-7.06e-05	5.04e-04
119	30	3.70e-03	-0.60	-0.02	4.44e-04	-1.34e-05	6.40e-04
119	49	0.16	-0.33	-0.04	2.03e-04	1.45e-05	3.56e-04
119	59	-0.08	-0.17	-0.10	5.17e-05	-7.33e-05	5.23e-04
119	62	3.70e-03	-0.62	-0.01	4.61e-04	-1.10e-05	6.71e-04
120	2	-2.78e-04	-0.46	-0.19	2.90e-04	-1.64e-05	1.11e-06
120	3	9.51e-04	-0.01	-0.07	1.45e-05	-1.19e-05	4.61e-05
120	19	-0.15	-0.28	-0.15	1.61e-04	-6.34e-05	-2.04e-04
120	28	-0.11	-0.50	-0.19	4.16e-04	-4.19e-05	-2.75e-04
120	30	0.12	-0.56	-0.18	4.15e-04	-1.35e-05	3.40e-04
120	51	-0.16	-0.27	-0.15	1.56e-04	-6.79e-05	-2.23e-04
120	60	-0.12	-0.51	-0.19	4.34e-04	-4.45e-05	-3.01e-04
120	62	0.13	-0.58	-0.19	4.32e-04	-1.37e-05	3.72e-04
121	2	0.06	-0.45	-0.10	0.0	-3.37e-04	4.89e-04
121	3	0.07	-8.17e-03	-0.06	0.0	-4.10e-04	5.69e-04
121	15	-0.09	-0.25	-0.11	0.0	-3.10e-04	3.23e-04
121	17	0.19	-0.33	-0.06	0.0	-2.15e-04	4.22e-04
121	30	0.06	-0.60	-0.06	0.0	-2.35e-04	7.17e-04
121	47	-0.10	-0.24	-0.11	0.0	-3.14e-04	3.18e-04
121	49	0.20	-0.33	-0.06	0.0	-2.11e-04	4.27e-04
121	62	0.06	-0.62	-0.06	0.0	-2.33e-04	7.49e-04
122	1	-8.91e-04	-0.47	-0.19	2.87e-04	-1.67e-05	-1.71e-06
122	2	-8.81e-04	-0.47	-0.19	2.88e-04	-1.66e-05	-1.94e-06
122	19	-0.15	-0.28	-0.15	1.60e-04	-6.36e-05	-2.06e-04
122	28	-0.11	-0.51	-0.19	4.14e-04	-4.22e-05	-2.78e-04
122	30	0.12	-0.57	-0.18	4.13e-04	-1.40e-05	3.37e-04
122	51	-0.16	-0.27	-0.15	1.54e-04	-6.81e-05	-2.26e-04
122	60	-0.12	-0.52	-0.19	4.32e-04	-4.49e-05	-3.03e-04
122	62	0.13	-0.59	-0.19	4.30e-04	-1.42e-05	3.69e-04
123	2	4.04e-03	-0.46	-0.07	3.41e-04	-6.63e-05	3.09e-04
123	17	0.15	-0.34	-0.04	2.12e-04	0.0	2.86e-04
123	27	-0.07	-0.19	-0.10	7.31e-05	-8.12e-05	4.37e-04
123	30	3.69e-03	-0.61	-0.02	4.48e-04	-2.37e-05	5.73e-04
123	49	0.17	-0.34	-0.04	2.07e-04	3.87e-06	2.91e-04
123	59	-0.08	-0.17	-0.10	5.61e-05	-8.40e-05	4.56e-04
123	62	3.75e-03	-0.64	-0.01	4.64e-04	-2.13e-05	6.04e-04
124	1	-1.49e-03	-0.48	-0.19	2.90e-04	-1.62e-05	-4.57e-06
124	2	-1.48e-03	-0.48	-0.19	2.90e-04	-1.61e-05	-4.71e-06
124	19	-0.15	-0.29	-0.15	1.62e-04	-6.31e-05	-2.08e-04
124	28	-0.11	-0.52	-0.19	4.15e-04	-4.21e-05	-2.80e-04
124	30	0.12	-0.59	-0.18	4.14e-04	-1.39e-05	3.35e-04
124	51	-0.17	-0.28	-0.15	1.56e-04	-6.76e-05	-2.28e-04
124	60	-0.12	-0.54	-0.19	4.33e-04	-4.48e-05	-3.05e-04
124	62	0.13	-0.61	-0.19	4.31e-04	-1.42e-05	3.66e-04
125	2	0.05	-0.46	-0.11	0.0	-4.27e-04	3.87e-04
125	3	0.06	-9.03e-03	-0.06	0.0	-5.03e-04	4.50e-04
125	15	-0.10	-0.25	-0.11	0.0	-3.78e-04	2.44e-04
125	17	0.18	-0.34	-0.06	0.0	-2.86e-04	3.45e-04
125	30	0.05	-0.61	-0.06	0.0	-3.05e-04	6.39e-04
125	47	-0.12	-0.24	-0.11	0.0	-3.83e-04	2.39e-04
125	49	0.19	-0.34	-0.06	0.0	-2.82e-04	3.49e-04
125	62	0.05	-0.64	-0.06	0.0	-3.03e-04	6.71e-04
126	2	1.39e-03	-0.49	-0.10	2.20e-04	7.15e-05	0.0
126	15	-0.14	-0.29	-0.10	1.24e-04	4.02e-06	0.0
126	17	0.15	-0.35	-0.07	1.15e-04	1.14e-04	0.0
126	30	0.01	-0.62	-0.06	3.27e-04	5.25e-05	0.0
126	47	-0.16	-0.28	-0.10	1.20e-04	0.0	0.0
126	49	0.16	-0.35	-0.06	1.10e-04	1.19e-04	0.0
126	62	0.01	-0.65	-0.06	3.41e-04	5.23e-05	0.0
127	2	-2.29e-04	-0.49	-0.11	2.44e-04	2.04e-05	0.0
127	3	-1.36e-03	-0.01	-0.06	-1.32e-05	3.37e-05	0.0
127	20	-0.15	-0.41	-0.09	2.33e-04	-4.26e-05	0.0
127	27	-0.06	-0.21	-0.10	4.33e-05	1.10e-05	0.0
127	30	9.21e-03	-0.60	-0.06	3.25e-04	1.63e-05	0.0
127	52	-0.16	-0.42	-0.09	2.37e-04	-4.77e-05	0.0
127	59	-0.07	-0.19	-0.11	3.04e-05	1.06e-05	0.0
127	62	0.01	-0.62	-0.06	3.38e-04	1.62e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
128	2	8.29e-04	-0.49	-0.07	4.12e-04	6.14e-06	-1.77e-05
128	3	-1.15e-03	-0.01	-0.06	1.02e-04	-2.77e-06	-7.45e-06
128	17	0.15	-0.34	-0.05	2.71e-04	5.42e-05	3.81e-05
128	27	-0.07	-0.21	-0.09	1.43e-04	-2.50e-05	1.86e-04
128	30	2.55e-03	-0.60	-0.02	4.83e-04	3.21e-05	3.25e-04
128	49	0.17	-0.34	-0.05	2.67e-04	5.85e-05	4.29e-05
128	59	-0.08	-0.19	-0.10	1.27e-04	-2.77e-05	2.05e-04
128	62	2.73e-03	-0.62	-0.02	4.98e-04	3.45e-05	3.57e-04
129	2	-5.22e-03	-0.47	-0.19	3.92e-04	0.0	1.33e-04
129	3	-7.35e-03	-0.03	-0.06	6.58e-05	0.0	-4.61e-05
129	19	-0.14	-0.36	-0.12	2.50e-04	0.0	-1.01e-04
129	24	-0.11	-0.55	-0.18	5.12e-04	0.0	-2.06e-04
129	26	-0.04	-0.52	-0.19	5.06e-04	0.0	-8.71e-05
129	51	-0.16	-0.36	-0.12	2.45e-04	0.0	-1.20e-04
129	56	-0.12	-0.57	-0.18	5.31e-04	0.0	-2.35e-04
129	58	-0.05	-0.54	-0.19	5.24e-04	0.0	-1.05e-04
130	2	-5.53e-03	-0.48	-0.19	1.76e-04	0.0	1.61e-04
130	3	-8.41e-03	-0.03	-0.06	-3.55e-05	0.0	-2.99e-05
130	19	-0.15	-0.37	-0.12	7.58e-05	0.0	-7.96e-05
130	24	-0.11	-0.58	-0.18	3.27e-04	0.0	-1.82e-04
130	26	-0.04	-0.55	-0.19	3.26e-04	0.0	-6.36e-05
130	51	-0.16	-0.37	-0.12	7.05e-05	0.0	-9.87e-05
130	56	-0.12	-0.60	-0.18	3.45e-04	0.0	-2.10e-04
130	58	-0.04	-0.56	-0.19	3.43e-04	0.0	-8.11e-05
131	2	-4.82e-03	-0.43	-0.19	5.77e-04	0.0	8.46e-05
131	3	-6.24e-03	-0.02	-0.06	1.42e-04	0.0	-4.14e-05
131	19	-0.14	-0.34	-0.12	3.92e-04	0.0	-1.38e-04
131	24	-0.11	-0.52	-0.18	6.68e-04	0.0	-2.47e-04
131	26	-0.04	-0.48	-0.19	6.60e-04	0.0	-1.28e-04
131	51	-0.15	-0.34	-0.12	3.87e-04	0.0	-1.57e-04
131	56	-0.12	-0.53	-0.18	6.89e-04	0.0	-2.76e-04
131	58	-0.05	-0.50	-0.19	6.80e-04	0.0	-1.46e-04
132	2	-4.41e-03	-0.39	-0.19	6.46e-04	0.0	3.44e-05
132	3	-5.05e-03	-0.01	-0.06	1.60e-04	0.0	-1.99e-05
132	11	-0.14	-0.35	-0.12	4.56e-04	0.0	-3.23e-04
132	24	-0.11	-0.47	-0.18	7.26e-04	0.0	-2.89e-04
132	26	-0.04	-0.44	-0.19	7.16e-04	0.0	-1.69e-04
132	43	-0.15	-0.35	-0.12	4.53e-04	0.0	-3.56e-04
132	56	-0.12	-0.49	-0.18	7.47e-04	0.0	-3.19e-04
132	58	-0.05	-0.45	-0.19	7.37e-04	0.0	-1.88e-04
133	1	-4.40e-03	-0.35	-0.19	4.37e-04	1.93e-05	1.59e-06
133	2	-4.40e-03	-0.35	-0.19	4.39e-04	1.95e-05	1.63e-06
133	11	-0.13	-0.32	-0.12	2.64e-04	-3.40e-05	-3.48e-04
133	24	-0.11	-0.43	-0.18	5.36e-04	1.77e-05	-3.16e-04
133	26	-0.04	-0.40	-0.19	5.44e-04	4.69e-05	-1.96e-04
133	43	-0.15	-0.33	-0.12	2.57e-04	-3.83e-05	-3.81e-04
133	56	-0.12	-0.44	-0.18	5.54e-04	1.81e-05	-3.46e-04
133	58	-0.05	-0.41	-0.19	5.63e-04	4.98e-05	-2.15e-04
134	2	-6.21e-03	-0.46	-0.19	3.62e-04	0.0	2.18e-04
134	3	-8.70e-03	-0.03	-0.06	5.86e-05	0.0	2.64e-05
134	19	-0.14	-0.36	-0.12	2.27e-04	0.0	-3.36e-05
134	24	-0.11	-0.56	-0.18	4.82e-04	0.0	-1.35e-04
134	26	-0.04	-0.52	-0.19	4.76e-04	0.0	-1.82e-05
134	51	-0.16	-0.36	-0.12	2.23e-04	0.0	-5.25e-05
134	56	-0.12	-0.58	-0.19	5.00e-04	0.0	-1.64e-04
134	58	-0.05	-0.53	-0.20	4.94e-04	0.0	-3.56e-05
135	2	-6.26e-03	-0.48	-0.19	1.89e-04	0.0	2.16e-04
135	3	-9.34e-03	-0.03	-0.06	-4.47e-05	0.0	3.26e-05
135	19	-0.15	-0.37	-0.12	8.62e-05	0.0	-3.56e-05
135	24	-0.11	-0.58	-0.18	3.38e-04	0.0	-1.36e-04
135	26	-0.04	-0.54	-0.19	3.36e-04	0.0	-1.85e-05
135	51	-0.16	-0.37	-0.12	8.09e-05	0.0	-5.45e-05
135	56	-0.12	-0.60	-0.18	3.55e-04	0.0	-1.64e-04
135	58	-0.05	-0.56	-0.20	3.53e-04	0.0	-3.58e-05
136	2	-5.73e-03	-0.43	-0.19	5.25e-04	0.0	1.62e-04
136	3	-7.49e-03	-0.02	-0.06	1.46e-04	0.0	1.46e-05
136	19	-0.14	-0.34	-0.12	3.53e-04	0.0	-7.71e-05
136	24	-0.11	-0.52	-0.18	6.19e-04	0.0	-1.83e-04
136	26	-0.04	-0.48	-0.19	6.12e-04	0.0	-6.55e-05
136	51	-0.15	-0.34	-0.12	3.49e-04	0.0	-9.60e-05
136	56	-0.12	-0.54	-0.19	6.39e-04	0.0	-2.12e-04
136	58	-0.05	-0.50	-0.20	6.31e-04	0.0	-8.33e-05
137	2	-5.09e-03	-0.39	-0.19	5.91e-04	0.0	7.39e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
137	3	-5.91e-03	-0.01	-0.06	1.69e-04	0.0	6.17e-06
137	11	-0.14	-0.36	-0.12	4.14e-04	0.0	-2.92e-04
137	24	-0.11	-0.48	-0.18	6.75e-04	0.0	-2.58e-04
137	26	-0.04	-0.44	-0.19	6.66e-04	0.0	-1.38e-04
137	43	-0.15	-0.37	-0.12	4.11e-04	0.0	-3.25e-04
137	56	-0.12	-0.50	-0.18	6.95e-04	0.0	-2.87e-04
137	58	-0.05	-0.46	-0.20	6.86e-04	0.0	-1.56e-04
138	1	-4.88e-03	-0.35	-0.19	4.07e-04	2.01e-05	1.16e-05
138	2	-4.88e-03	-0.35	-0.19	4.08e-04	2.06e-05	1.17e-05
138	11	-0.13	-0.33	-0.12	2.41e-04	-3.62e-05	-3.41e-04
138	24	-0.11	-0.44	-0.18	5.09e-04	2.04e-05	-3.09e-04
138	26	-0.04	-0.40	-0.19	5.18e-04	5.11e-05	-1.89e-04
138	43	-0.15	-0.34	-0.12	2.34e-04	-4.07e-05	-3.73e-04
138	56	-0.12	-0.46	-0.18	5.27e-04	2.09e-05	-3.39e-04
138	58	-0.05	-0.42	-0.19	5.36e-04	5.43e-05	-2.08e-04
139	2	-7.27e-03	-0.44	-0.19	3.39e-04	0.0	3.68e-04
139	3	-0.01	-0.02	-0.06	4.61e-05	0.0	2.06e-04
139	19	-0.15	-0.35	-0.12	2.11e-04	0.0	8.24e-05
139	24	-0.11	-0.56	-0.18	4.59e-04	0.0	-1.61e-05
139	26	-0.04	-0.51	-0.19	4.53e-04	0.0	1.00e-04
139	51	-0.16	-0.35	-0.11	2.06e-04	0.0	6.36e-05
139	56	-0.12	-0.58	-0.19	4.77e-04	0.0	-4.41e-05
139	58	-0.05	-0.53	-0.20	4.71e-04	0.0	8.33e-05
140	2	-7.14e-03	-0.46	-0.19	2.31e-04	0.0	3.44e-04
140	3	-0.01	-0.02	-0.06	-3.24e-05	0.0	1.97e-04
140	19	-0.15	-0.37	-0.12	1.18e-04	0.0	6.32e-05
140	24	-0.11	-0.59	-0.18	3.70e-04	0.0	-3.42e-05
140	26	-0.04	-0.54	-0.19	3.68e-04	0.0	8.28e-05
140	51	-0.16	-0.37	-0.11	1.13e-04	0.0	4.43e-05
140	56	-0.12	-0.61	-0.19	3.87e-04	0.0	-6.22e-05
140	58	-0.05	-0.56	-0.20	3.86e-04	0.0	6.57e-05
141	2	-6.71e-03	-0.42	-0.19	4.47e-04	0.0	2.89e-04
141	3	-8.84e-03	-0.02	-0.06	1.18e-04	0.0	1.58e-04
141	19	-0.14	-0.34	-0.12	2.94e-04	0.0	2.20e-05
141	24	-0.11	-0.53	-0.18	5.48e-04	0.0	-8.17e-05
141	26	-0.04	-0.48	-0.19	5.42e-04	0.0	3.56e-05
141	51	-0.15	-0.34	-0.11	2.90e-04	0.0	3.17e-06
141	56	-0.12	-0.55	-0.19	5.67e-04	0.0	-1.10e-04
141	58	-0.05	-0.50	-0.20	5.60e-04	0.0	1.81e-05
142	2	-5.72e-03	-0.39	-0.19	4.94e-04	0.0	1.42e-04
142	3	-6.77e-03	-9.00e-03	-0.06	1.42e-04	0.0	7.87e-05
142	11	-0.14	-0.37	-0.12	3.39e-04	0.0	-2.39e-04
142	24	-0.11	-0.49	-0.18	5.89e-04	0.0	-2.05e-04
142	26	-0.04	-0.45	-0.19	5.82e-04	0.0	-8.57e-05
142	43	-0.15	-0.38	-0.12	3.36e-04	0.0	-2.72e-04
142	56	-0.12	-0.51	-0.19	6.09e-04	0.0	-2.34e-04
142	58	-0.05	-0.46	-0.20	6.01e-04	0.0	-1.04e-04
143	1	-5.03e-03	-0.35	-0.19	3.68e-04	7.45e-06	3.23e-05
143	2	-5.03e-03	-0.35	-0.19	3.69e-04	8.05e-06	3.24e-05
143	11	-0.13	-0.35	-0.12	2.14e-04	-4.92e-05	-3.26e-04
143	24	-0.11	-0.46	-0.18	4.75e-04	1.26e-05	-2.95e-04
143	26	-0.04	-0.41	-0.19	4.83e-04	4.50e-05	-1.75e-04
143	43	-0.15	-0.35	-0.12	2.07e-04	-5.40e-05	-3.59e-04
143	56	-0.12	-0.47	-0.19	4.93e-04	1.33e-05	-3.25e-04
143	58	-0.05	-0.42	-0.20	5.01e-04	4.86e-05	-1.93e-04
144	2	-8.61e-03	-0.42	-0.19	3.21e-04	-1.30e-05	6.12e-04
144	3	-0.01	-4.65e-03	-0.06	3.11e-05	-1.84e-05	5.77e-04
144	19	-0.15	-0.34	-0.11	1.98e-04	-6.99e-05	2.66e-04
144	24	-0.11	-0.55	-0.18	4.41e-04	-1.01e-05	1.69e-04
144	26	-0.04	-0.50	-0.20	4.36e-04	2.08e-05	2.88e-04
144	51	-0.16	-0.34	-0.11	1.93e-04	-7.52e-05	2.47e-04
144	56	-0.12	-0.57	-0.19	4.59e-04	-1.01e-05	1.41e-04
144	58	-0.05	-0.52	-0.20	4.53e-04	2.36e-05	2.71e-04
145	2	-8.25e-03	-0.44	-0.19	2.81e-04	3.35e-05	5.73e-04
145	3	-0.01	-6.19e-03	-0.06	0.0	3.27e-05	5.35e-04
145	19	-0.15	-0.35	-0.11	1.67e-04	-3.34e-05	2.36e-04
145	24	-0.11	-0.58	-0.18	4.09e-04	2.57e-05	1.39e-04
145	26	-0.04	-0.53	-0.20	4.04e-04	5.62e-05	2.58e-04
145	51	-0.16	-0.35	-0.11	1.63e-04	-3.87e-05	2.17e-04
145	56	-0.12	-0.60	-0.19	4.26e-04	2.58e-05	1.11e-04
145	58	-0.05	-0.54	-0.20	4.21e-04	5.89e-05	2.41e-04
146	2	-8.03e-03	-0.40	-0.19	3.62e-04	-6.09e-05	4.83e-04
146	3	-0.01	-3.16e-03	-0.06	6.04e-05	-7.54e-05	4.61e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
146	19	-0.14	-0.33	-0.11	2.30e-04	-1.08e-04	1.68e-04
146	24	-0.11	-0.53	-0.18	4.76e-04	-4.66e-05	6.52e-05
146	26	-0.04	-0.47	-0.19	4.70e-04	-1.50e-05	1.85e-04
146	51	-0.16	-0.33	-0.11	2.25e-04	-1.14e-04	1.49e-04
146	56	-0.12	-0.55	-0.19	4.93e-04	-4.65e-05	3.65e-05
146	58	-0.05	-0.49	-0.20	4.87e-04	-1.20e-05	1.67e-04
147	2	-6.63e-03	-0.38	-0.19	3.86e-04	-8.22e-05	2.24e-04
147	3	-8.02e-03	-1.63e-03	-0.06	7.38e-05	-1.09e-04	2.18e-04
147	11	-0.14	-0.37	-0.11	2.55e-04	-1.19e-04	-1.77e-04
147	24	-0.11	-0.50	-0.18	4.97e-04	-6.12e-05	-1.43e-04
147	26	-0.04	-0.45	-0.19	4.95e-04	-2.81e-05	-2.26e-05
147	43	-0.15	-0.38	-0.11	2.51e-04	-1.24e-04	-2.09e-04
147	56	-0.12	-0.52	-0.19	5.15e-04	-6.10e-05	-1.72e-04
147	58	-0.05	-0.46	-0.20	5.13e-04	-2.49e-05	-4.08e-05
148	2	-4.72e-03	-0.49	-0.19	-4.26e-05	0.0	5.70e-05
148	3	-8.05e-03	-0.02	-0.06	-1.23e-04	0.0	-2.11e-05
148	19	-0.15	-0.37	-0.12	-8.76e-05	0.0	-1.62e-04
148	24	-0.11	-0.59	-0.18	1.33e-04	0.0	-2.68e-04
148	26	-0.04	-0.56	-0.19	1.37e-04	0.0	-1.48e-04
148	51	-0.17	-0.36	-0.12	-9.24e-05	0.0	-1.81e-04
148	56	-0.12	-0.61	-0.18	1.47e-04	0.0	-2.97e-04
148	58	-0.04	-0.58	-0.19	1.52e-04	0.0	-1.66e-04
149	2	-4.82e-03	-0.49	-0.19	7.56e-06	0.0	7.44e-05
149	3	-8.24e-03	-0.02	-0.06	-1.26e-04	0.0	-1.33e-05
149	19	-0.15	-0.37	-0.12	-4.98e-05	0.0	-1.48e-04
149	24	-0.11	-0.60	-0.18	1.78e-04	0.0	-2.53e-04
149	26	-0.04	-0.57	-0.19	1.82e-04	0.0	-1.33e-04
149	51	-0.17	-0.37	-0.12	-5.48e-05	0.0	-1.67e-04
149	56	-0.12	-0.62	-0.18	1.93e-04	0.0	-2.82e-04
149	58	-0.04	-0.58	-0.19	1.97e-04	0.0	-1.51e-04
150	2	-4.29e-03	-0.49	-0.19	4.09e-05	0.0	4.05e-05
150	3	-7.65e-03	-0.01	-0.06	-1.05e-04	0.0	-9.63e-06
150	19	-0.15	-0.37	-0.12	-2.40e-05	0.0	-1.75e-04
150	24	-0.11	-0.61	-0.18	2.04e-04	0.0	-2.81e-04
150	26	-0.04	-0.57	-0.19	2.08e-04	0.0	-1.61e-04
150	51	-0.17	-0.37	-0.12	-2.90e-05	0.0	-1.94e-04
150	56	-0.12	-0.63	-0.18	2.19e-04	0.0	-3.10e-04
150	58	-0.04	-0.59	-0.19	2.24e-04	0.0	-1.79e-04
151	2	-5.22e-03	-0.50	-0.19	-2.81e-05	0.0	1.13e-04
151	3	-8.52e-03	-0.02	-0.06	-1.13e-04	0.0	-1.91e-05
151	19	-0.15	-0.37	-0.12	-7.71e-05	0.0	-1.18e-04
151	24	-0.11	-0.59	-0.18	1.47e-04	0.0	-2.21e-04
151	26	-0.04	-0.56	-0.19	1.51e-04	0.0	-1.02e-04
151	51	-0.17	-0.37	-0.12	-8.19e-05	0.0	-1.37e-04
151	56	-0.12	-0.61	-0.18	1.61e-04	0.0	-2.50e-04
151	58	-0.04	-0.58	-0.19	1.66e-04	0.0	-1.20e-04
152	2	-5.32e-03	-0.49	-0.19	1.97e-05	0.0	1.14e-04
152	3	-8.68e-03	-0.02	-0.06	-1.18e-04	0.0	-1.65e-05
152	19	-0.15	-0.37	-0.12	-4.12e-05	0.0	-1.17e-04
152	24	-0.11	-0.59	-0.18	1.89e-04	0.0	-2.20e-04
152	26	-0.04	-0.56	-0.19	1.93e-04	0.0	-1.01e-04
152	51	-0.17	-0.37	-0.12	-4.62e-05	0.0	-1.36e-04
152	56	-0.12	-0.62	-0.18	2.04e-04	0.0	-2.49e-04
152	58	-0.04	-0.58	-0.19	2.09e-04	0.0	-1.19e-04
153	2	-5.38e-03	-0.50	-0.19	4.78e-05	0.0	1.58e-04
153	3	-8.48e-03	-0.03	-0.06	-7.49e-05	0.0	-2.22e-05
153	19	-0.15	-0.37	-0.12	-2.03e-05	0.0	-8.22e-05
153	24	-0.11	-0.58	-0.18	2.13e-04	0.0	-1.84e-04
153	26	-0.04	-0.56	-0.19	2.17e-04	0.0	-6.57e-05
153	51	-0.16	-0.37	-0.12	-2.53e-05	0.0	-1.01e-04
153	56	-0.12	-0.60	-0.18	2.29e-04	0.0	-2.13e-04
153	58	-0.04	-0.57	-0.19	2.33e-04	0.0	-8.32e-05
154	2	-5.56e-03	-0.49	-0.19	7.78e-05	0.0	1.47e-04
154	3	-8.74e-03	-0.03	-0.06	-8.47e-05	0.0	-2.15e-05
154	19	-0.15	-0.37	-0.12	2.16e-06	0.0	-9.07e-05
154	24	-0.11	-0.59	-0.18	2.39e-04	0.0	-1.93e-04
154	26	-0.04	-0.55	-0.19	2.43e-04	0.0	-7.47e-05
154	51	-0.16	-0.37	-0.12	-2.94e-06	0.0	-1.10e-04
154	56	-0.12	-0.61	-0.18	2.55e-04	0.0	-2.22e-04
154	58	-0.04	-0.57	-0.19	2.59e-04	0.0	-9.23e-05
155	2	-5.06e-03	-0.49	-0.19	7.19e-05	0.0	1.08e-04
155	3	-8.58e-03	-0.02	-0.06	-1.25e-04	0.0	1.65e-05
155	19	-0.15	-0.37	-0.12	-1.84e-06	0.0	-1.21e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
155	24	-0.11	-0.61	-0.18	2.33e-04	0.0	-2.25e-04
155	26	-0.04	-0.57	-0.19	2.37e-04	0.0	-1.05e-04
155	51	-0.17	-0.37	-0.12	-6.93e-06	0.0	-1.41e-04
155	56	-0.12	-0.63	-0.18	2.49e-04	0.0	-2.53e-04
155	58	-0.04	-0.59	-0.20	2.53e-04	0.0	-1.23e-04
156	2	-4.43e-03	-0.49	-0.19	9.60e-05	0.0	6.55e-05
156	3	-8.02e-03	-0.02	-0.06	-1.03e-04	0.0	8.54e-06
156	19	-0.15	-0.37	-0.12	1.72e-05	0.0	-1.55e-04
156	24	-0.11	-0.62	-0.18	2.51e-04	0.0	-2.60e-04
156	26	-0.04	-0.57	-0.19	2.55e-04	0.0	-1.40e-04
156	51	-0.17	-0.37	-0.12	1.21e-05	0.0	-1.74e-04
156	56	-0.12	-0.64	-0.18	2.67e-04	0.0	-2.89e-04
156	58	-0.04	-0.59	-0.20	2.72e-04	0.0	-1.58e-04
157	2	-5.64e-03	-0.48	-0.19	8.20e-05	0.0	1.52e-04
157	3	-9.08e-03	-0.02	-0.06	-1.17e-04	0.0	2.44e-05
157	19	-0.15	-0.37	-0.12	5.34e-06	0.0	-8.65e-05
157	24	-0.11	-0.60	-0.18	2.42e-04	0.0	-1.88e-04
157	26	-0.04	-0.56	-0.19	2.46e-04	0.0	-6.97e-05
157	51	-0.17	-0.37	-0.12	0.0	0.0	-1.06e-04
157	56	-0.12	-0.62	-0.18	2.58e-04	0.0	-2.17e-04
157	58	-0.04	-0.58	-0.20	2.63e-04	0.0	-8.72e-05
158	2	-6.05e-03	-0.48	-0.19	1.23e-04	0.0	1.91e-04
158	3	-9.35e-03	-0.03	-0.06	-8.82e-05	0.0	3.03e-05
158	19	-0.15	-0.37	-0.12	3.60e-05	0.0	-5.61e-05
158	24	-0.11	-0.59	-0.18	2.76e-04	0.0	-1.57e-04
158	26	-0.04	-0.55	-0.19	2.80e-04	0.0	-3.89e-05
158	51	-0.16	-0.37	-0.12	3.08e-05	0.0	-7.51e-05
158	56	-0.12	-0.61	-0.18	2.92e-04	0.0	-1.85e-04
158	58	-0.05	-0.57	-0.20	2.97e-04	0.0	-5.63e-05
159	2	-5.40e-03	-0.48	-0.19	1.60e-04	0.0	1.68e-04
159	3	-9.03e-03	-0.02	-0.06	-8.99e-05	0.0	9.25e-05
159	19	-0.15	-0.37	-0.12	6.43e-05	0.0	-7.53e-05
159	24	-0.11	-0.61	-0.18	3.05e-04	0.0	-1.77e-04
159	26	-0.04	-0.57	-0.19	3.10e-04	0.0	-5.75e-05
159	51	-0.17	-0.38	-0.11	5.91e-05	0.0	-9.45e-05
159	56	-0.12	-0.64	-0.19	3.21e-04	0.0	-2.05e-04
159	58	-0.04	-0.59	-0.20	3.26e-04	0.0	-7.50e-05
160	2	-4.49e-03	-0.48	-0.19	1.78e-04	0.0	1.03e-04
160	3	-8.22e-03	-0.01	-0.06	-7.13e-05	0.0	5.26e-05
160	19	-0.15	-0.38	-0.12	7.87e-05	0.0	-1.27e-04
160	24	-0.11	-0.62	-0.18	3.19e-04	0.0	-2.30e-04
160	26	-0.04	-0.58	-0.19	3.23e-04	0.0	-1.10e-04
160	51	-0.17	-0.38	-0.11	7.35e-05	0.0	-1.46e-04
160	56	-0.12	-0.65	-0.19	3.35e-04	0.0	-2.58e-04
160	58	-0.04	-0.60	-0.20	3.40e-04	0.0	-1.27e-04
161	2	-6.18e-03	-0.47	-0.19	1.66e-04	0.0	2.37e-04
161	3	-9.72e-03	-0.02	-0.06	-8.47e-05	0.0	1.34e-04
161	19	-0.15	-0.37	-0.12	6.89e-05	0.0	-2.15e-05
161	24	-0.11	-0.61	-0.18	3.11e-04	0.0	-1.21e-04
161	26	-0.04	-0.56	-0.19	3.15e-04	0.0	-2.80e-06
161	51	-0.17	-0.37	-0.11	6.36e-05	0.0	-4.05e-05
161	56	-0.12	-0.63	-0.19	3.27e-04	0.0	-1.49e-04
161	58	-0.04	-0.58	-0.20	3.32e-04	0.0	-2.01e-05
162	2	-6.78e-03	-0.47	-0.19	1.91e-04	0.0	2.98e-04
162	3	-0.01	-0.02	-0.06	-6.37e-05	0.0	1.71e-04
162	19	-0.15	-0.37	-0.12	8.76e-05	0.0	2.69e-05
162	24	-0.11	-0.60	-0.18	3.31e-04	0.0	-7.13e-05
162	26	-0.04	-0.55	-0.19	3.36e-04	0.0	4.63e-05
162	51	-0.16	-0.37	-0.11	8.24e-05	0.0	7.95e-06
162	56	-0.12	-0.62	-0.19	3.48e-04	0.0	-9.95e-05
162	58	-0.05	-0.57	-0.20	3.52e-04	0.0	2.91e-05
163	2	-5.82e-03	-0.47	-0.19	2.56e-04	8.80e-05	2.73e-04
163	3	-9.53e-03	-8.61e-03	-0.06	-1.99e-05	8.79e-05	2.45e-04
163	19	-0.15	-0.37	-0.11	1.37e-04	8.59e-06	3.91e-06
163	24	-0.11	-0.62	-0.18	3.88e-04	6.85e-05	-9.70e-05
163	26	-0.04	-0.57	-0.20	3.86e-04	9.88e-05	2.29e-05
163	51	-0.17	-0.37	-0.11	1.32e-04	3.32e-06	-1.54e-05
163	56	-0.13	-0.64	-0.19	4.05e-04	6.87e-05	-1.26e-04
163	58	-0.04	-0.58	-0.20	4.03e-04	1.02e-04	5.39e-06
164	2	-4.54e-03	-0.48	-0.19	2.63e-04	8.76e-05	1.56e-04
164	3	-8.34e-03	-9.44e-03	-0.06	-1.10e-05	8.75e-05	1.32e-04
164	19	-0.15	-0.38	-0.11	1.43e-04	8.38e-06	-8.60e-05
164	24	-0.11	-0.63	-0.18	3.86e-04	6.89e-05	-1.89e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
164	26	-0.04	-0.58	-0.20	3.91e-04	9.92e-05	-6.85e-05
164	51	-0.17	-0.38	-0.11	1.38e-04	3.11e-06	-1.05e-04
164	56	-0.13	-0.66	-0.19	4.03e-04	6.92e-05	-2.18e-04
164	58	-0.04	-0.60	-0.20	4.08e-04	1.02e-04	-8.61e-05
165	2	-6.87e-03	-0.46	-0.19	2.58e-04	7.72e-05	3.93e-04
165	3	-0.01	-7.79e-03	-0.06	-1.82e-05	7.73e-05	3.61e-04
165	19	-0.15	-0.37	-0.11	1.39e-04	0.0	9.68e-05
165	24	-0.11	-0.61	-0.18	3.90e-04	5.97e-05	-2.35e-06
165	26	-0.04	-0.55	-0.20	3.89e-04	9.01e-05	1.17e-04
165	51	-0.17	-0.37	-0.11	1.34e-04	-5.11e-06	7.76e-05
165	56	-0.13	-0.63	-0.19	4.07e-04	5.98e-05	-3.09e-05
165	58	-0.05	-0.57	-0.20	4.06e-04	9.29e-05	9.99e-05
166	2	-7.67e-03	-0.45	-0.19	2.67e-04	5.89e-05	4.98e-04
166	3	-0.01	-6.98e-03	-0.06	-1.03e-05	5.92e-05	4.62e-04
166	19	-0.15	-0.36	-0.11	1.46e-04	-1.39e-05	1.77e-04
166	24	-0.11	-0.59	-0.18	3.98e-04	4.53e-05	7.98e-05
166	26	-0.04	-0.54	-0.20	3.96e-04	7.58e-05	1.99e-04
166	51	-0.17	-0.36	-0.11	1.41e-04	-1.92e-05	1.58e-04
166	56	-0.13	-0.62	-0.19	4.15e-04	4.54e-05	5.14e-05
166	58	-0.05	-0.56	-0.20	4.13e-04	7.86e-05	1.82e-04
167	2	-0.08	-0.42	-0.16	0.0	-8.17e-05	5.98e-04
167	3	-0.10	-4.88e-03	-0.06	0.0	-6.76e-05	7.07e-04
167	19	-0.20	-0.34	-0.09	0.0	-1.23e-04	2.48e-04
167	24	-0.15	-0.55	-0.14	0.0	-6.50e-05	1.46e-04
167	26	-0.08	-0.50	-0.15	0.0	-3.38e-05	2.69e-04
167	51	-0.21	-0.34	-0.09	0.0	-1.29e-04	2.29e-04
167	56	-0.16	-0.57	-0.14	0.0	-6.51e-05	1.16e-04
167	58	-0.08	-0.52	-0.16	0.0	-3.12e-05	2.51e-04
168	2	-0.08	-0.44	-0.16	0.0	2.14e-04	5.66e-04
168	3	-0.09	-6.40e-03	-0.06	0.0	2.55e-04	6.55e-04
168	19	-0.20	-0.35	-0.09	0.0	1.11e-04	2.25e-04
168	24	-0.15	-0.58	-0.14	0.0	1.63e-04	1.23e-04
168	26	-0.08	-0.53	-0.15	0.0	1.91e-04	2.46e-04
168	51	-0.21	-0.35	-0.09	0.0	1.07e-04	2.05e-04
168	56	-0.15	-0.60	-0.14	0.0	1.63e-04	9.33e-05
168	58	-0.08	-0.54	-0.16	0.0	1.93e-04	2.28e-04
169	2	-0.07	-0.40	-0.16	0.0	-3.89e-04	4.69e-04
169	3	-0.08	-3.39e-03	-0.06	0.0	-4.26e-04	5.70e-04
169	19	-0.19	-0.32	-0.09	0.0	-3.59e-04	1.51e-04
169	24	-0.13	-0.53	-0.14	0.0	-3.30e-04	4.55e-05
169	26	-0.07	-0.47	-0.15	0.0	-2.94e-04	1.69e-04
169	51	-0.20	-0.33	-0.09	0.0	-3.64e-04	1.32e-04
169	56	-0.14	-0.55	-0.14	0.0	-3.33e-04	1.59e-05
169	58	-0.07	-0.49	-0.15	0.0	-2.94e-04	1.51e-04
170	2	-0.04	-0.38	-0.16	0.0	-5.28e-04	2.22e-04
170	3	-0.04	-1.83e-03	-0.06	0.0	-6.16e-04	2.80e-04
170	19	-0.16	-0.31	-0.09	0.0	-4.84e-04	-3.52e-05
170	24	-0.11	-0.50	-0.14	0.0	-4.07e-04	-1.46e-04
170	26	-0.04	-0.45	-0.15	0.0	-3.67e-04	-2.43e-05
170	51	-0.17	-0.31	-0.09	0.0	-4.91e-04	-5.46e-05
170	56	-0.11	-0.52	-0.14	0.0	-4.07e-04	-1.76e-04
170	58	-0.05	-0.46	-0.15	0.0	-3.64e-04	-4.26e-05
171	1	-7.12e-03	-0.35	-0.16	3.05e-04	-9.14e-05	4.55e-05
171	2	-7.12e-03	-0.35	-0.16	3.06e-04	-9.01e-05	4.54e-05
171	3	-7.64e-03	2.82e-05	-0.06	1.32e-05	-1.65e-04	6.36e-05
171	19	-0.13	-0.30	-0.09	1.75e-04	-1.45e-04	-1.69e-04
171	24	-0.08	-0.47	-0.14	4.17e-04	-6.29e-05	-2.83e-04
171	26	-0.02	-0.42	-0.15	4.22e-04	-2.48e-05	-1.63e-04
171	51	-0.14	-0.30	-0.09	1.70e-04	-1.51e-04	-1.88e-04
171	56	-0.09	-0.49	-0.14	4.33e-04	-6.22e-05	-3.13e-04
171	58	-0.02	-0.43	-0.15	4.39e-04	-2.07e-05	-1.81e-04
172	2	-0.12	-0.42	-0.13	0.0	-1.22e-04	-1.98e-05
172	3	-0.14	-5.06e-03	-0.06	0.0	-1.03e-04	-7.18e-06
172	14	0.03	-0.32	-0.12	0.0	-4.14e-05	4.29e-05
172	19	-0.22	-0.34	-0.07	0.0	-1.46e-04	-2.22e-04
172	24	-0.15	-0.55	-0.10	0.0	-1.21e-04	-3.34e-04
172	46	0.04	-0.32	-0.13	0.0	-3.68e-05	4.83e-05
172	51	-0.24	-0.34	-0.07	0.0	-1.51e-04	-2.41e-04
172	56	-0.16	-0.57	-0.10	0.0	-1.23e-04	-3.64e-04
173	2	-0.11	-0.44	-0.13	0.0	2.98e-04	-1.75e-05
173	3	-0.13	-6.59e-03	-0.06	0.0	3.70e-04	-7.33e-06
173	14	0.03	-0.34	-0.12	0.0	2.72e-04	4.45e-05
173	19	-0.22	-0.35	-0.07	0.0	1.86e-04	-2.20e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
173	24	-0.15	-0.58	-0.10	0.0	2.07e-04	-3.32e-04
173	46	0.04	-0.34	-0.13	0.0	2.76e-04	5.00e-05
173	51	-0.24	-0.35	-0.07	0.0	1.83e-04	-2.39e-04
173	56	-0.15	-0.60	-0.10	0.0	2.05e-04	-3.62e-04
174	2	-0.09	-0.40	-0.13	0.0	-5.50e-04	-1.53e-05
174	3	-0.11	-3.53e-03	-0.06	0.0	-6.18e-04	-5.35e-06
174	14	0.04	-0.30	-0.12	0.0	-3.57e-04	4.62e-05
174	19	-0.20	-0.32	-0.07	0.0	-4.88e-04	-2.18e-04
174	24	-0.13	-0.53	-0.10	0.0	-4.56e-04	-3.30e-04
174	46	0.05	-0.30	-0.12	0.0	-3.51e-04	5.16e-05
174	51	-0.21	-0.33	-0.07	0.0	-4.94e-04	-2.37e-04
174	56	-0.14	-0.55	-0.10	0.0	-4.59e-04	-3.59e-04
175	2	-0.05	-0.37	-0.13	0.0	-7.37e-04	-7.54e-06
175	3	-0.06	-2.00e-03	-0.05	0.0	-8.75e-04	-2.83e-06
175	14	0.07	-0.28	-0.12	0.0	-4.90e-04	5.16e-05
175	19	-0.16	-0.31	-0.07	0.0	-6.54e-04	-2.10e-04
175	24	-0.09	-0.50	-0.10	0.0	-6.05e-04	-3.22e-04
175	46	0.08	-0.28	-0.12	0.0	-4.83e-04	5.70e-05
175	51	-0.17	-0.31	-0.07	0.0	-6.63e-04	-2.30e-04
175	56	-0.10	-0.52	-0.10	0.0	-6.08e-04	-3.52e-04
176	2	-7.24e-03	-0.35	-0.13	2.95e-04	-1.50e-04	-5.95e-06
176	3	-8.56e-03	-4.75e-04	-0.05	2.25e-05	-2.30e-04	-1.68e-06
176	14	0.10	-0.27	-0.12	2.75e-04	-3.62e-05	5.20e-05
176	19	-0.12	-0.30	-0.07	1.80e-04	-1.95e-04	-2.08e-04
176	24	-0.06	-0.47	-0.10	4.08e-04	-1.16e-04	-3.21e-04
176	46	0.11	-0.27	-0.12	2.80e-04	-2.91e-05	5.73e-05
176	51	-0.14	-0.30	-0.07	1.76e-04	-2.02e-04	-2.27e-04
176	56	-0.07	-0.49	-0.10	4.24e-04	-1.16e-04	-3.51e-04
177	2	-0.08	-0.42	-0.10	0.0	-8.15e-05	-6.11e-04
177	3	-0.10	-5.23e-03	-0.05	0.0	-6.53e-05	-7.16e-04
177	17	0.07	-0.23	-0.10	0.0	-2.63e-06	-4.26e-04
177	20	-0.20	-0.41	-0.05	0.0	-1.23e-04	-5.15e-04
177	24	-0.07	-0.55	-0.05	0.0	-8.88e-05	-7.88e-04
177	49	0.08	-0.22	-0.11	0.0	2.73e-06	-4.21e-04
177	52	-0.21	-0.42	-0.04	0.0	-1.28e-04	-5.19e-04
177	56	-0.08	-0.57	-0.05	0.0	-9.12e-05	-8.18e-04
178	2	-0.08	-0.44	-0.10	0.0	1.99e-04	-5.74e-04
178	3	-0.09	-6.78e-03	-0.05	0.0	2.55e-04	-6.64e-04
178	17	0.08	-0.24	-0.10	0.0	2.06e-04	-3.97e-04
178	20	-0.20	-0.43	-0.05	0.0	1.00e-04	-4.87e-04
178	24	-0.07	-0.58	-0.05	0.0	1.30e-04	-7.60e-04
178	49	0.09	-0.23	-0.11	0.0	2.10e-04	-3.93e-04
178	52	-0.21	-0.44	-0.05	0.0	9.57e-05	-4.91e-04
178	56	-0.07	-0.60	-0.05	0.0	1.28e-04	-7.90e-04
179	2	-0.07	-0.40	-0.10	0.0	-3.75e-04	-4.84e-04
179	3	-0.08	-3.67e-03	-0.05	0.0	-4.23e-04	-5.77e-04
179	17	0.08	-0.21	-0.10	0.0	-2.18e-04	-3.27e-04
179	20	-0.18	-0.40	-0.05	0.0	-3.60e-04	-4.18e-04
179	24	-0.06	-0.53	-0.05	0.0	-3.19e-04	-6.89e-04
179	49	0.09	-0.20	-0.10	0.0	-2.12e-04	-3.23e-04
179	52	-0.19	-0.40	-0.04	0.0	-3.66e-04	-4.22e-04
179	56	-0.06	-0.55	-0.05	0.0	-3.21e-04	-7.19e-04
180	2	-0.04	-0.37	-0.10	0.0	-5.16e-04	-2.37e-04
180	3	-0.04	-2.18e-03	-0.05	0.0	-6.13e-04	-2.86e-04
180	17	0.10	-0.20	-0.10	0.0	-3.18e-04	-1.35e-04
180	20	-0.15	-0.38	-0.05	0.0	-4.76e-04	-2.29e-04
180	24	-0.04	-0.50	-0.05	0.0	-4.30e-04	-4.98e-04
180	49	0.11	-0.19	-0.10	0.0	-3.10e-04	-1.30e-04
180	52	-0.16	-0.39	-0.04	0.0	-4.84e-04	-2.34e-04
180	56	-0.04	-0.52	-0.05	0.0	-4.33e-04	-5.28e-04
181	2	-5.53e-03	-0.35	-0.10	3.00e-04	-1.22e-04	-6.02e-05
181	3	-7.30e-03	-9.95e-04	-0.05	3.27e-05	-1.65e-04	-6.77e-05
181	17	0.12	-0.19	-0.10	1.72e-04	-1.97e-05	4.40e-06
181	20	-0.12	-0.36	-0.05	2.89e-04	-1.68e-04	-9.70e-05
181	24	-0.01	-0.47	-0.05	4.14e-04	-1.26e-04	-3.64e-04
181	49	0.13	-0.18	-0.10	1.67e-04	-1.31e-05	9.15e-06
181	52	-0.14	-0.37	-0.04	2.94e-04	-1.75e-04	-1.02e-04
181	56	-0.02	-0.49	-0.05	4.31e-04	-1.29e-04	-3.93e-04
182	2	-8.91e-03	-0.42	-0.07	3.09e-04	-2.28e-05	-5.00e-04
182	3	-0.01	-5.49e-03	-0.05	1.63e-05	-1.47e-05	-5.77e-04
182	20	-0.15	-0.41	-0.02	2.98e-04	-7.77e-05	-4.30e-04
182	24	-0.01	-0.55	-0.01	4.33e-04	-4.36e-05	-6.99e-04
182	33	0.07	-0.18	-0.09	5.32e-05	1.38e-05	-6.06e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
182	52	-0.16	-0.42	-0.02	3.03e-04	-8.31e-05	-4.34e-04
182	56	-0.01	-0.57	-7.99e-03	4.51e-04	-4.59e-05	-7.28e-04
182	65	0.08	-0.16	-0.10	3.67e-05	1.66e-05	-6.27e-04
183	2	-9.32e-03	-0.44	-0.07	3.35e-04	1.83e-05	-4.67e-04
183	3	-0.01	-7.01e-03	-0.05	4.62e-05	3.36e-05	-5.35e-04
183	20	-0.15	-0.43	-0.02	3.17e-04	-4.50e-05	-4.04e-04
183	24	-0.01	-0.58	-0.01	4.52e-04	-1.16e-05	-6.71e-04
183	33	0.07	-0.18	-0.09	7.38e-05	4.50e-05	-5.82e-04
183	52	-0.17	-0.44	-0.02	3.23e-04	-5.02e-05	-4.08e-04
183	56	-0.01	-0.60	-8.24e-03	4.69e-04	-1.39e-05	-7.00e-04
183	65	0.08	-0.17	-0.10	5.73e-05	4.78e-05	-6.03e-04
184	2	-7.52e-03	-0.40	-0.07	2.84e-04	-6.95e-05	-4.00e-04
184	3	-9.54e-03	-3.93e-03	-0.05	-1.28e-05	-7.17e-05	-4.62e-04
184	20	-0.14	-0.40	-0.02	2.79e-04	-1.15e-04	-3.55e-04
184	24	-8.34e-03	-0.53	-0.01	4.15e-04	-8.04e-05	-6.24e-04
184	33	0.07	-0.17	-0.09	3.45e-05	-2.11e-05	-5.27e-04
184	52	-0.16	-0.40	-0.02	2.85e-04	-1.21e-04	-3.59e-04
184	56	-8.57e-03	-0.55	-7.71e-03	4.33e-04	-8.28e-05	-6.54e-04
184	65	0.08	-0.16	-0.10	1.79e-05	-1.81e-05	-5.48e-04
185	2	-4.99e-03	-0.37	-0.07	2.71e-04	-9.63e-05	-1.98e-04
185	3	-7.17e-03	-2.40e-03	-0.05	-2.62e-05	-1.06e-04	-2.21e-04
185	20	-0.14	-0.38	-0.02	2.70e-04	-1.39e-04	-2.02e-04
185	24	-5.18e-03	-0.50	-0.01	4.07e-04	-1.03e-04	-4.71e-04
185	33	0.07	-0.16	-0.09	2.33e-05	-3.96e-05	-3.69e-04
185	52	-0.15	-0.39	-0.02	2.75e-04	-1.45e-04	-2.06e-04
185	56	-5.30e-03	-0.52	-7.56e-03	4.25e-04	-1.05e-04	-5.01e-04
185	65	0.08	-0.15	-0.10	6.64e-06	-3.64e-05	-3.89e-04
186	2	-0.04	-0.47	-0.16	0.0	4.97e-04	2.79e-04
186	3	-0.05	-8.79e-03	-0.06	0.0	5.40e-04	3.10e-04
186	19	-0.18	-0.37	-0.09	0.0	3.33e-04	6.93e-06
186	24	-0.12	-0.62	-0.14	0.0	3.82e-04	-9.77e-05
186	26	-0.04	-0.57	-0.15	0.0	4.08e-04	2.40e-05
186	51	-0.19	-0.37	-0.09	0.0	3.28e-04	-1.26e-05
186	56	-0.12	-0.64	-0.14	0.0	3.82e-04	-1.27e-04
186	58	-0.05	-0.58	-0.16	0.0	4.10e-04	6.09e-06
187	2	-0.02	-0.48	-0.16	0.0	4.76e-04	1.59e-04
187	3	-0.03	-9.61e-03	-0.06	0.0	5.22e-04	1.70e-04
187	19	-0.16	-0.38	-0.09	0.0	3.17e-04	-8.46e-05
187	24	-0.10	-0.63	-0.14	0.0	3.67e-04	-1.90e-04
187	26	-0.03	-0.58	-0.15	0.0	3.93e-04	-6.91e-05
187	51	-0.18	-0.38	-0.09	0.0	3.12e-04	-1.04e-04
187	56	-0.11	-0.66	-0.14	0.0	3.67e-04	-2.20e-04
187	58	-0.03	-0.60	-0.16	0.0	3.95e-04	-8.70e-05
188	2	-0.06	-0.46	-0.16	0.0	4.49e-04	3.97e-04
188	3	-0.06	-7.98e-03	-0.06	0.0	4.94e-04	4.48e-04
188	19	-0.19	-0.37	-0.09	0.0	2.95e-04	9.63e-05
188	24	-0.13	-0.61	-0.14	0.0	3.45e-04	-7.42e-06
188	26	-0.06	-0.55	-0.15	0.0	3.71e-04	1.15e-04
188	51	-0.20	-0.37	-0.09	0.0	2.91e-04	7.67e-05
188	56	-0.14	-0.63	-0.14	0.0	3.45e-04	-3.68e-05
188	58	-0.06	-0.57	-0.16	0.0	3.73e-04	9.70e-05
189	2	-0.07	-0.45	-0.16	0.0	3.52e-04	4.96e-04
189	3	-0.08	-7.18e-03	-0.06	0.0	3.97e-04	5.67e-04
189	19	-0.20	-0.36	-0.09	0.0	2.19e-04	1.72e-04
189	24	-0.14	-0.59	-0.14	0.0	2.69e-04	6.87e-05
189	26	-0.07	-0.54	-0.15	0.0	2.96e-04	1.91e-04
189	51	-0.21	-0.36	-0.09	0.0	2.15e-04	1.52e-04
189	56	-0.15	-0.62	-0.14	0.0	2.69e-04	3.93e-05
189	58	-0.07	-0.56	-0.16	0.0	2.98e-04	1.74e-04
190	2	-0.06	-0.47	-0.13	0.0	6.89e-04	-3.31e-06
190	3	-0.06	-8.93e-03	-0.06	0.0	7.77e-04	-4.09e-06
190	14	0.08	-0.37	-0.12	0.0	5.73e-04	5.54e-05
190	19	-0.18	-0.37	-0.08	0.0	4.87e-04	-2.09e-04
190	24	-0.11	-0.62	-0.10	0.0	5.28e-04	-3.19e-04
190	46	0.09	-0.37	-0.13	0.0	5.76e-04	6.09e-05
190	51	-0.20	-0.37	-0.07	0.0	4.83e-04	-2.28e-04
190	56	-0.11	-0.64	-0.10	0.0	5.28e-04	-3.48e-04
191	2	-0.03	-0.48	-0.13	0.0	6.65e-04	2.57e-06
191	3	-0.04	-9.71e-03	-0.06	0.0	7.55e-04	-2.53e-06
191	14	0.10	-0.38	-0.12	0.0	5.55e-04	6.00e-05
191	19	-0.17	-0.38	-0.08	0.0	4.69e-04	-2.04e-04
191	24	-0.09	-0.63	-0.10	0.0	5.11e-04	-3.13e-04
191	46	0.11	-0.38	-0.13	0.0	5.59e-04	6.54e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
191	51	-0.18	-0.38	-0.07	0.0	4.66e-04	-2.23e-04
191	56	-0.10	-0.66	-0.10	0.0	5.11e-04	-3.43e-04
192	2	-0.08	-0.46	-0.13	0.0	6.21e-04	-9.03e-06
192	3	-0.09	-8.15e-03	-0.06	0.0	7.09e-04	-5.53e-06
192	14	0.06	-0.36	-0.12	0.0	5.22e-04	5.10e-05
192	19	-0.20	-0.37	-0.08	0.0	4.34e-04	-2.13e-04
192	24	-0.12	-0.61	-0.10	0.0	4.76e-04	-3.24e-04
192	46	0.07	-0.36	-0.13	0.0	5.26e-04	5.64e-05
192	51	-0.21	-0.37	-0.07	0.0	4.30e-04	-2.32e-04
192	56	-0.13	-0.63	-0.10	0.0	4.76e-04	-3.54e-04
193	2	-0.10	-0.45	-0.13	0.0	4.86e-04	-1.39e-05
193	3	-0.11	-7.37e-03	-0.06	0.0	5.71e-04	-6.64e-06
193	14	0.05	-0.35	-0.12	0.0	4.20e-04	4.73e-05
193	19	-0.21	-0.36	-0.07	0.0	3.28e-04	-2.17e-04
193	24	-0.14	-0.59	-0.10	0.0	3.72e-04	-3.29e-04
193	46	0.06	-0.35	-0.13	0.0	4.24e-04	5.27e-05
193	51	-0.23	-0.36	-0.07	0.0	3.24e-04	-2.36e-04
193	56	-0.14	-0.62	-0.10	0.0	3.72e-04	-3.58e-04
194	2	-0.04	-0.47	-0.10	0.0	4.67e-04	-2.71e-04
194	3	-0.04	-9.07e-03	-0.05	0.0	5.35e-04	-3.17e-04
194	17	0.11	-0.26	-0.10	0.0	4.08e-04	-1.62e-04
194	20	-0.17	-0.46	-0.05	0.0	3.10e-04	-2.56e-04
194	24	-0.04	-0.62	-0.05	0.0	3.37e-04	-5.25e-04
194	49	0.13	-0.25	-0.11	0.0	4.12e-04	-1.58e-04
194	52	-0.19	-0.47	-0.05	0.0	3.06e-04	-2.60e-04
194	56	-0.05	-0.64	-0.05	0.0	3.35e-04	-5.55e-04
195	2	-0.02	-0.48	-0.10	0.0	4.47e-04	-1.44e-04
195	3	-0.03	-9.83e-03	-0.05	0.0	5.16e-04	-1.75e-04
195	17	0.13	-0.26	-0.10	0.0	3.93e-04	-6.35e-05
195	20	-0.16	-0.47	-0.05	0.0	2.95e-04	-1.59e-04
195	24	-0.03	-0.63	-0.05	0.0	3.22e-04	-4.26e-04
195	49	0.14	-0.25	-0.11	0.0	3.97e-04	-5.91e-05
195	52	-0.18	-0.48	-0.05	0.0	2.91e-04	-1.63e-04
195	56	-0.03	-0.66	-0.05	0.0	3.20e-04	-4.55e-04
196	2	-0.05	-0.46	-0.10	0.0	4.22e-04	-3.95e-04
196	3	-0.06	-8.31e-03	-0.05	0.0	4.90e-04	-4.56e-04
196	17	0.10	-0.25	-0.10	0.0	3.74e-04	-2.58e-04
196	20	-0.18	-0.45	-0.05	0.0	2.75e-04	-3.50e-04
196	24	-0.06	-0.61	-0.05	0.0	3.03e-04	-6.21e-04
196	49	0.11	-0.24	-0.11	0.0	3.78e-04	-2.53e-04
196	52	-0.20	-0.46	-0.05	0.0	2.71e-04	-3.54e-04
196	56	-0.06	-0.63	-0.05	0.0	3.01e-04	-6.51e-04
197	2	-0.07	-0.45	-0.10	0.0	3.30e-04	-4.99e-04
197	3	-0.08	-7.54e-03	-0.05	0.0	3.95e-04	-5.76e-04
197	17	0.09	-0.25	-0.10	0.0	3.04e-04	-3.39e-04
197	20	-0.19	-0.44	-0.05	0.0	2.03e-04	-4.30e-04
197	24	-0.06	-0.59	-0.05	0.0	2.31e-04	-7.02e-04
197	49	0.10	-0.24	-0.11	0.0	3.09e-04	-3.35e-04
197	52	-0.20	-0.45	-0.05	0.0	1.99e-04	-4.34e-04
197	56	-0.07	-0.62	-0.05	0.0	2.29e-04	-7.32e-04
198	1	-8.72e-03	-0.47	-0.07	3.55e-04	6.03e-05	-2.10e-04
198	2	-8.67e-03	-0.47	-0.07	3.56e-04	6.02e-05	-2.10e-04
198	20	-0.16	-0.46	-0.02	3.33e-04	-1.23e-05	-2.08e-04
198	24	-0.01	-0.62	-0.01	4.66e-04	2.01e-05	-4.73e-04
198	33	0.07	-0.20	-0.09	9.11e-05	7.81e-05	-3.86e-04
198	52	-0.17	-0.47	-0.02	3.39e-04	-1.75e-05	-2.12e-04
198	56	-0.01	-0.64	-8.44e-03	4.84e-04	1.77e-05	-5.02e-04
198	65	0.08	-0.18	-0.10	7.47e-05	8.10e-05	-4.07e-04
199	1	-8.32e-03	-0.48	-0.07	3.49e-04	5.67e-05	-1.08e-04
199	2	-8.27e-03	-0.48	-0.07	3.50e-04	5.64e-05	-1.08e-04
199	20	-0.16	-0.47	-0.02	3.28e-04	-1.52e-05	-1.30e-04
199	24	-0.01	-0.63	-0.01	4.61e-04	1.66e-05	-3.94e-04
199	33	0.07	-0.20	-0.09	8.71e-05	7.59e-05	-3.07e-04
199	52	-0.17	-0.48	-0.02	3.34e-04	-2.04e-05	-1.34e-04
199	56	-0.01	-0.66	-8.46e-03	4.78e-04	1.42e-05	-4.23e-04
199	65	0.08	-0.18	-0.10	7.08e-05	7.89e-05	-3.29e-04
200	2	-9.00e-03	-0.46	-0.07	3.53e-04	5.36e-05	-3.14e-04
200	3	-9.10e-03	-8.50e-03	-0.05	6.59e-05	7.28e-05	-3.63e-04
200	20	-0.16	-0.45	-0.02	3.31e-04	-1.75e-05	-2.87e-04
200	24	-0.01	-0.61	-0.01	4.65e-04	1.54e-05	-5.53e-04
200	33	0.07	-0.19	-0.09	8.83e-05	7.26e-05	-4.66e-04
200	52	-0.17	-0.46	-0.02	3.36e-04	-2.27e-05	-2.92e-04
200	56	-0.01	-0.63	-8.40e-03	4.82e-04	1.30e-05	-5.82e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
200	65	0.08	-0.18	-0.10	7.18e-05	7.54e-05	-4.87e-04
201	2	-9.22e-03	-0.45	-0.07	3.45e-04	3.97e-05	-4.03e-04
201	3	-9.73e-03	-7.75e-03	-0.05	5.76e-05	5.75e-05	-4.63e-04
201	20	-0.15	-0.44	-0.02	3.25e-04	-2.83e-05	-3.55e-04
201	24	-0.01	-0.59	-0.01	4.59e-04	4.81e-06	-6.22e-04
201	33	0.07	-0.19	-0.09	8.19e-05	6.16e-05	-5.34e-04
201	52	-0.17	-0.45	-0.02	3.30e-04	-3.35e-05	-3.59e-04
201	56	-0.01	-0.62	-8.34e-03	4.77e-04	2.51e-06	-6.51e-04
201	65	0.08	-0.17	-0.10	6.54e-05	6.44e-05	-5.55e-04
202	2	-7.37e-03	-0.49	-0.16	3.32e-04	3.44e-04	9.07e-05
202	3	-9.43e-03	-0.01	-0.06	5.86e-05	3.98e-04	8.98e-05
202	19	-0.15	-0.39	-0.10	1.98e-04	2.15e-04	-1.36e-04
202	24	-0.09	-0.65	-0.14	4.43e-04	2.67e-04	-2.43e-04
202	26	-0.02	-0.59	-0.15	4.41e-04	2.93e-04	-1.22e-04
202	51	-0.17	-0.39	-0.09	1.93e-04	2.10e-04	-1.56e-04
202	56	-0.10	-0.67	-0.14	4.59e-04	2.67e-04	-2.72e-04
202	58	-0.02	-0.61	-0.16	4.58e-04	2.95e-04	-1.40e-04
203	2	-9.30e-03	-0.49	-0.13	3.06e-04	4.98e-04	5.89e-06
203	3	-0.01	-0.01	-0.06	2.27e-05	5.90e-04	-1.62e-06
203	14	0.12	-0.39	-0.12	2.86e-04	4.29e-04	6.25e-05
203	19	-0.15	-0.39	-0.08	1.87e-04	3.39e-04	-2.01e-04
203	24	-0.07	-0.65	-0.10	4.24e-04	3.83e-04	-3.10e-04
203	46	0.13	-0.39	-0.13	2.90e-04	4.32e-04	6.80e-05
203	51	-0.17	-0.39	-0.07	1.83e-04	3.36e-04	-2.21e-04
203	56	-0.08	-0.67	-0.10	4.41e-04	3.83e-04	-3.40e-04
204	1	-9.31e-03	-0.49	-0.10	2.80e-04	3.24e-04	-7.26e-05
204	2	-9.28e-03	-0.49	-0.10	2.81e-04	3.21e-04	-7.23e-05
204	17	0.14	-0.27	-0.10	1.59e-04	2.98e-04	-7.60e-06
204	20	-0.15	-0.48	-0.05	2.74e-04	1.98e-04	-1.04e-04
204	24	-0.02	-0.65	-0.05	4.02e-04	2.25e-04	-3.70e-04
204	49	0.15	-0.26	-0.11	1.53e-04	3.02e-04	-3.09e-06
204	52	-0.17	-0.49	-0.05	2.79e-04	1.93e-04	-1.08e-04
204	56	-0.02	-0.67	-0.05	4.19e-04	2.24e-04	-3.99e-04
205	2	2.23e-04	-0.38	-0.12	3.76e-04	-2.32e-05	-6.83e-06
205	3	3.63e-04	-2.87e-03	-0.06	3.81e-05	-2.69e-05	1.37e-05
205	18	0.12	-0.36	-0.08	3.55e-04	4.81e-05	1.99e-04
205	19	-0.12	-0.22	-0.11	2.24e-04	-8.37e-05	-2.09e-04
205	30	0.06	-0.45	-0.09	4.96e-04	1.27e-05	3.34e-04
205	50	0.13	-0.36	-0.08	3.61e-04	5.40e-05	2.18e-04
205	51	-0.13	-0.22	-0.11	2.18e-04	-8.96e-05	-2.29e-04
205	62	0.07	-0.46	-0.09	5.15e-04	1.54e-05	3.66e-04
206	2	9.00e-04	-0.38	-0.16	0.0	-3.26e-05	2.07e-05
206	3	1.42e-03	-3.06e-03	-0.06	0.0	-2.74e-05	8.61e-06
206	18	0.13	-0.36	-0.12	0.0	3.06e-05	2.20e-04
206	30	0.08	-0.45	-0.14	0.0	-2.47e-05	3.56e-04
206	36	0.02	-0.42	-0.14	0.0	-5.83e-05	2.36e-04
206	50	0.14	-0.36	-0.12	0.0	3.56e-05	2.39e-04
206	62	0.09	-0.46	-0.14	0.0	-2.47e-05	3.88e-04
206	68	0.02	-0.43	-0.15	0.0	-6.13e-05	2.57e-04
207	2	3.30e-03	-0.35	-0.16	3.35e-04	-4.09e-05	4.48e-06
207	3	3.42e-03	-5.09e-04	-0.06	3.49e-05	-3.41e-05	0.0
207	18	0.13	-0.34	-0.12	3.08e-04	1.34e-05	2.08e-04
207	30	0.08	-0.42	-0.14	4.40e-04	-3.38e-05	3.45e-04
207	36	0.02	-0.39	-0.14	4.44e-04	-6.13e-05	2.25e-04
207	50	0.14	-0.34	-0.12	3.13e-04	1.74e-05	2.27e-04
207	62	0.09	-0.43	-0.14	4.56e-04	-3.41e-05	3.77e-04
207	68	0.03	-0.40	-0.14	4.61e-04	-6.39e-05	2.45e-04
208	2	-6.21e-04	-0.40	-0.13	3.64e-04	-1.30e-05	-6.74e-05
208	3	-9.78e-04	-5.36e-03	-0.06	3.60e-05	-1.61e-05	1.02e-05
208	19	-0.13	-0.24	-0.11	2.17e-04	-6.98e-05	-2.55e-04
208	30	0.06	-0.48	-0.09	4.75e-04	1.78e-05	2.85e-04
208	51	-0.14	-0.23	-0.11	2.12e-04	-7.52e-05	-2.74e-04
208	62	0.07	-0.49	-0.09	4.93e-04	2.03e-05	3.17e-04
209	1	-8.74e-04	-0.40	-0.16	0.0	-2.31e-05	3.21e-05
209	2	-8.72e-04	-0.40	-0.16	0.0	-2.30e-05	3.22e-05
209	19	-0.13	-0.24	-0.13	0.0	-7.17e-05	-1.79e-04
209	30	0.08	-0.48	-0.14	0.0	-1.77e-05	3.65e-04
209	36	0.02	-0.45	-0.14	0.0	-5.02e-05	2.45e-04
209	51	-0.14	-0.23	-0.13	0.0	-7.65e-05	-1.98e-04
209	62	0.09	-0.49	-0.14	0.0	-1.78e-05	3.97e-04
209	68	0.02	-0.46	-0.15	0.0	-5.32e-05	2.65e-04
210	2	-1.15e-03	-0.42	-0.13	3.33e-04	-8.24e-06	-9.30e-05
210	3	-1.79e-03	-7.51e-03	-0.06	3.03e-05	-1.07e-05	7.81e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
210	19	-0.13	-0.25	-0.11	1.93e-04	-6.76e-05	-2.74e-04
210	30	0.06	-0.50	-0.09	4.54e-04	2.20e-05	2.63e-04
210	51	-0.14	-0.24	-0.11	1.88e-04	-7.30e-05	-2.92e-04
210	62	0.07	-0.52	-0.09	4.72e-04	2.46e-05	2.94e-04
211	1	-1.99e-03	-0.42	-0.16	0.0	-1.15e-05	3.64e-05
211	2	-1.98e-03	-0.42	-0.16	0.0	-1.14e-05	3.65e-05
211	19	-0.14	-0.25	-0.13	0.0	-6.03e-05	-1.76e-04
211	30	0.08	-0.50	-0.14	0.0	-8.99e-06	3.68e-04
211	36	0.02	-0.48	-0.15	0.0	-4.00e-05	2.48e-04
211	51	-0.15	-0.24	-0.13	0.0	-6.49e-05	-1.95e-04
211	62	0.09	-0.52	-0.14	0.0	-9.09e-06	4.00e-04
211	68	0.02	-0.49	-0.15	0.0	-4.29e-05	2.69e-04
212	2	-1.62e-03	-0.44	-0.13	3.07e-04	-4.69e-06	-8.11e-05
212	3	-2.36e-03	-9.27e-03	-0.06	2.41e-05	-7.06e-06	6.86e-06
212	19	-0.14	-0.26	-0.11	1.74e-04	-6.41e-05	-2.65e-04
212	30	0.06	-0.53	-0.09	4.31e-04	2.44e-05	2.72e-04
212	51	-0.15	-0.26	-0.11	1.69e-04	-6.95e-05	-2.84e-04
212	62	0.07	-0.55	-0.09	4.48e-04	2.69e-05	3.03e-04
213	1	-2.39e-03	-0.44	-0.16	0.0	-1.24e-06	3.21e-05
213	2	-2.38e-03	-0.44	-0.16	0.0	-1.09e-06	3.22e-05
213	19	-0.14	-0.26	-0.13	0.0	-5.27e-05	-1.79e-04
213	30	0.09	-0.53	-0.14	0.0	0.0	3.65e-04
213	36	0.02	-0.51	-0.15	0.0	-3.21e-05	2.44e-04
213	51	-0.15	-0.26	-0.13	0.0	-5.73e-05	-1.99e-04
213	62	0.09	-0.55	-0.14	0.0	-1.07e-06	3.96e-04
213	68	0.02	-0.52	-0.15	0.0	-3.50e-05	2.65e-04
214	1	-2.62e-03	-0.44	-0.07	3.91e-04	0.0	9.45e-06
214	2	-2.60e-03	-0.44	-0.07	3.92e-04	0.0	9.45e-06
214	3	-2.98e-03	-1.06e-04	-0.06	6.70e-05	0.0	8.62e-06
214	20	-0.15	-0.39	-0.05	3.56e-04	0.0	-4.34e-05
214	21	2.83e-03	-0.18	-0.09	9.22e-05	0.0	3.27e-04
214	24	-6.83e-03	-0.50	-0.02	5.11e-04	0.0	-3.13e-04
214	52	-0.16	-0.39	-0.05	3.61e-04	0.0	-4.81e-05
214	53	3.28e-03	-0.16	-0.09	7.33e-05	0.0	3.57e-04
214	56	-7.29e-03	-0.51	-0.02	5.30e-04	0.0	-3.43e-04
215	2	2.14e-03	-0.46	-0.07	4.57e-04	0.0	3.72e-06
215	17	0.15	-0.33	-0.05	3.03e-04	0.0	5.49e-05
215	27	-0.07	-0.19	-0.10	1.62e-04	0.0	2.03e-04
215	30	2.68e-03	-0.59	-0.02	5.36e-04	0.0	3.36e-04
215	49	0.17	-0.33	-0.05	2.99e-04	0.0	5.98e-05
215	59	-0.08	-0.18	-0.10	1.44e-04	0.0	2.22e-04
215	62	2.78e-03	-0.61	-0.02	5.52e-04	0.0	3.67e-04
216	2	1.93e-03	-0.47	-0.07	4.43e-04	0.0	-4.86e-06
216	17	0.15	-0.34	-0.05	2.93e-04	0.0	4.81e-05
216	27	-0.07	-0.20	-0.10	1.55e-04	0.0	1.97e-04
216	30	3.04e-03	-0.61	-0.02	5.21e-04	0.0	3.31e-04
216	49	0.17	-0.34	-0.05	2.89e-04	0.0	5.30e-05
216	59	-0.08	-0.18	-0.10	1.38e-04	0.0	2.16e-04
216	62	3.19e-03	-0.63	-0.02	5.37e-04	0.0	3.62e-04
217	2	2.45e-03	-0.44	-0.07	4.48e-04	0.0	1.17e-05
217	17	0.15	-0.32	-0.05	2.95e-04	0.0	6.09e-05
217	27	-0.07	-0.18	-0.10	1.52e-04	0.0	2.09e-04
217	30	2.41e-03	-0.57	-0.02	5.33e-04	0.0	3.41e-04
217	49	0.16	-0.32	-0.05	2.91e-04	0.0	6.58e-05
217	59	-0.08	-0.17	-0.10	1.34e-04	0.0	2.27e-04
217	62	2.46e-03	-0.59	-0.02	5.50e-04	0.0	3.72e-04
218	2	2.76e-03	-0.43	-0.07	4.24e-04	0.0	1.90e-05
218	17	0.15	-0.31	-0.05	2.74e-04	0.0	6.64e-05
218	27	-0.07	-0.18	-0.10	1.30e-04	0.0	2.13e-04
218	30	2.15e-03	-0.56	-0.02	5.17e-04	0.0	3.47e-04
218	49	0.16	-0.31	-0.05	2.70e-04	0.0	7.12e-05
218	59	-0.08	-0.16	-0.10	1.12e-04	0.0	2.32e-04
218	62	2.16e-03	-0.58	-0.02	5.34e-04	0.0	3.78e-04
219	2	0.03	-0.48	-0.14	0.0	-6.65e-04	-6.35e-06
219	3	0.03	-0.01	-0.06	0.0	-7.59e-04	0.0
219	18	0.16	-0.49	-0.08	0.0	-4.74e-04	2.00e-04
219	20	-0.10	-0.38	-0.13	0.0	-5.55e-04	-5.60e-05
219	30	0.09	-0.64	-0.11	0.0	-5.11e-04	3.34e-04
219	50	0.18	-0.50	-0.08	0.0	-4.71e-04	2.19e-04
219	52	-0.11	-0.39	-0.13	0.0	-5.59e-04	-6.08e-05
219	62	0.10	-0.66	-0.11	0.0	-5.11e-04	3.66e-04
220	2	0.06	-0.45	-0.17	0.0	-3.42e-04	-4.96e-04
220	3	0.07	-7.77e-03	-0.07	0.0	-4.04e-04	-5.68e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
220	18	0.19	-0.46	-0.11	0.0	-2.19e-04	-1.73e-04
220	20	-0.06	-0.36	-0.16	0.0	-3.14e-04	-4.38e-04
220	30	0.14	-0.60	-0.15	0.0	-2.62e-04	-4.48e-05
220	50	0.20	-0.47	-0.11	0.0	-2.15e-04	-1.53e-04
220	52	-0.07	-0.36	-0.16	0.0	-3.19e-04	-4.44e-04
220	62	0.15	-0.62	-0.15	0.0	-2.62e-04	-1.32e-05
221	2	0.05	-0.46	-0.17	0.0	-4.33e-04	-3.97e-04
221	3	0.06	-8.66e-03	-0.07	0.0	-4.96e-04	-4.49e-04
221	18	0.18	-0.47	-0.11	0.0	-2.90e-04	-9.79e-05
221	20	-0.07	-0.37	-0.16	0.0	-3.83e-04	-3.61e-04
221	30	0.13	-0.61	-0.15	0.0	-3.33e-04	3.09e-05
221	50	0.19	-0.48	-0.11	0.0	-2.86e-04	-7.84e-05
221	52	-0.08	-0.37	-0.16	0.0	-3.88e-04	-3.66e-04
221	62	0.14	-0.64	-0.15	0.0	-3.33e-04	6.25e-05
222	2	0.03	-0.47	-0.17	0.0	-4.80e-04	-2.80e-04
222	3	0.04	-9.57e-03	-0.07	0.0	-5.40e-04	-3.11e-04
222	18	0.17	-0.48	-0.11	0.0	-3.27e-04	-8.99e-06
222	20	-0.08	-0.38	-0.16	0.0	-4.19e-04	-2.70e-04
222	30	0.12	-0.62	-0.15	0.0	-3.70e-04	1.21e-04
222	50	0.18	-0.49	-0.11	0.0	-3.23e-04	1.04e-05
222	52	-0.10	-0.38	-0.16	0.0	-4.24e-04	-2.75e-04
222	62	0.13	-0.65	-0.15	0.0	-3.70e-04	1.53e-04
223	2	0.02	-0.48	-0.17	0.0	-4.68e-04	-1.60e-04
223	3	0.02	-0.01	-0.07	0.0	-5.22e-04	-1.71e-04
223	18	0.16	-0.49	-0.11	0.0	-3.18e-04	8.22e-05
223	20	-0.10	-0.38	-0.16	0.0	-4.10e-04	-1.76e-04
223	30	0.10	-0.64	-0.15	0.0	-3.61e-04	2.13e-04
223	50	0.17	-0.50	-0.11	0.0	-3.14e-04	1.01e-04
223	52	-0.11	-0.39	-0.16	0.0	-4.14e-04	-1.81e-04
223	62	0.11	-0.66	-0.15	0.0	-3.61e-04	2.45e-04
224	2	-1.83e-03	-0.45	-0.13	2.98e-04	-2.48e-06	-6.54e-05
224	3	-2.57e-03	-0.01	-0.06	2.13e-05	-4.92e-06	6.98e-06
224	19	-0.14	-0.27	-0.11	1.67e-04	-6.27e-05	-2.53e-04
224	30	0.07	-0.55	-0.09	4.23e-04	2.62e-05	2.84e-04
224	51	-0.15	-0.26	-0.11	1.61e-04	-6.81e-05	-2.72e-04
224	62	0.07	-0.56	-0.09	4.41e-04	2.87e-05	3.16e-04
225	1	-2.38e-03	-0.45	-0.16	0.0	2.66e-06	2.71e-05
225	2	-2.36e-03	-0.45	-0.16	0.0	2.85e-06	2.72e-05
225	19	-0.14	-0.27	-0.13	0.0	-4.97e-05	-1.83e-04
225	30	0.09	-0.55	-0.14	0.0	2.08e-06	3.60e-04
225	36	0.02	-0.52	-0.15	0.0	-2.91e-05	2.40e-04
225	51	-0.16	-0.26	-0.13	0.0	-5.43e-05	-2.02e-04
225	62	0.10	-0.56	-0.14	0.0	1.99e-06	3.92e-04
225	68	0.02	-0.54	-0.15	0.0	-3.19e-05	2.61e-04
226	2	-1.97e-03	-0.46	-0.13	2.92e-04	0.0	-4.59e-05
226	3	-2.70e-03	-0.01	-0.06	1.89e-05	-1.73e-06	7.66e-06
226	19	-0.14	-0.28	-0.11	1.63e-04	-6.04e-05	-2.38e-04
226	30	0.07	-0.56	-0.09	4.18e-04	2.86e-05	3.00e-04
226	51	-0.15	-0.27	-0.11	1.58e-04	-6.58e-05	-2.57e-04
226	62	0.07	-0.58	-0.09	4.36e-04	3.11e-05	3.32e-04
227	1	-2.25e-03	-0.46	-0.16	0.0	5.72e-06	2.06e-05
227	2	-2.22e-03	-0.46	-0.16	0.0	5.92e-06	2.06e-05
227	19	-0.14	-0.28	-0.13	0.0	-4.74e-05	-1.88e-04
227	30	0.09	-0.56	-0.14	0.0	4.46e-06	3.55e-04
227	36	0.02	-0.53	-0.15	0.0	-2.67e-05	2.34e-04
227	51	-0.16	-0.27	-0.13	0.0	-5.20e-05	-2.07e-04
227	62	0.10	-0.58	-0.14	0.0	4.37e-06	3.86e-04
227	68	0.02	-0.55	-0.15	0.0	-2.96e-05	2.55e-04
228	2	-2.00e-03	-0.47	-0.13	2.88e-04	5.13e-06	-2.59e-05
228	3	-2.71e-03	-0.01	-0.06	1.64e-05	3.91e-06	9.23e-06
228	19	-0.14	-0.28	-0.11	1.60e-04	-5.70e-05	-2.24e-04
228	30	0.07	-0.57	-0.09	4.15e-04	3.21e-05	3.17e-04
228	51	-0.16	-0.27	-0.11	1.55e-04	-6.25e-05	-2.43e-04
228	62	0.07	-0.59	-0.09	4.32e-04	3.47e-05	3.48e-04
229	1	-2.04e-03	-0.47	-0.16	0.0	7.71e-06	1.21e-05
229	2	-2.00e-03	-0.47	-0.16	0.0	7.84e-06	1.19e-05
229	19	-0.15	-0.28	-0.13	0.0	-4.60e-05	-1.95e-04
229	30	0.09	-0.57	-0.14	0.0	6.00e-06	3.47e-04
229	36	0.02	-0.55	-0.15	0.0	-2.52e-05	2.27e-04
229	51	-0.16	-0.27	-0.13	0.0	-5.06e-05	-2.14e-04
229	62	0.10	-0.59	-0.14	0.0	5.91e-06	3.79e-04
229	68	0.02	-0.56	-0.15	0.0	-2.80e-05	2.47e-04
230	2	-1.84e-03	-0.48	-0.13	2.82e-04	1.06e-05	-8.33e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
230	3	-2.48e-03	-0.01	-0.06	1.36e-05	1.54e-05	1.17e-05
230	19	-0.14	-0.29	-0.11	1.55e-04	-4.48e-05	-2.11e-04
230	30	0.07	-0.59	-0.09	4.10e-04	8.92e-06	3.32e-04
230	51	-0.16	-0.28	-0.11	1.50e-04	-4.95e-05	-2.30e-04
230	62	0.07	-0.61	-0.09	4.27e-04	8.89e-06	3.63e-04
231	1	-1.78e-03	-0.48	-0.16	0.0	7.86e-06	2.08e-06
231	2	-1.75e-03	-0.48	-0.16	0.0	7.74e-06	1.92e-06
231	19	-0.15	-0.29	-0.13	0.0	-4.58e-05	-2.02e-04
231	30	0.09	-0.59	-0.14	0.0	6.09e-06	3.39e-04
231	36	0.02	-0.56	-0.15	0.0	-2.50e-05	2.18e-04
231	51	-0.16	-0.28	-0.13	0.0	-5.04e-05	-2.22e-04
231	62	0.10	-0.61	-0.14	0.0	6.01e-06	3.70e-04
231	68	0.02	-0.58	-0.15	0.0	-2.78e-05	2.39e-04
232	1	-7.30e-03	-0.49	-0.07	4.14e-04	-2.18e-05	2.02e-05
232	2	-7.26e-03	-0.49	-0.07	4.18e-04	-2.17e-05	2.01e-05
232	20	-0.16	-0.45	-0.03	3.67e-04	-7.45e-05	-3.39e-05
232	24	-0.01	-0.60	-0.02	4.93e-04	-4.30e-05	-2.99e-04
232	25	6.61e-03	-0.16	-0.09	1.46e-04	1.19e-05	2.86e-04
232	52	-0.17	-0.46	-0.03	3.71e-04	-7.96e-05	-3.85e-05
232	56	-0.01	-0.62	-0.02	5.08e-04	-4.53e-05	-3.29e-04
232	57	7.75e-03	-0.14	-0.09	1.30e-04	1.45e-05	3.11e-04
233	2	-3.70e-03	-0.49	-0.07	3.96e-04	-3.60e-06	4.93e-06
233	3	-4.22e-03	-0.01	-0.06	7.19e-05	-6.96e-06	3.96e-06
233	20	-0.16	-0.44	-0.05	3.49e-04	-5.16e-05	-4.69e-05
233	21	3.61e-03	-0.19	-0.09	1.36e-04	2.20e-05	3.23e-04
233	24	-9.31e-03	-0.56	-0.02	4.72e-04	-2.76e-05	-3.15e-04
233	52	-0.17	-0.44	-0.04	3.53e-04	-5.59e-05	-5.16e-05
233	53	4.22e-03	-0.18	-0.09	1.21e-04	2.42e-05	3.53e-04
233	56	-9.92e-03	-0.58	-0.02	4.87e-04	-2.99e-05	-3.45e-04
234	2	2.00e-03	-0.49	-0.07	3.89e-04	1.30e-05	-8.80e-06
234	17	0.16	-0.35	-0.05	2.52e-04	5.90e-05	4.50e-05
234	27	-0.07	-0.20	-0.10	1.20e-04	-2.14e-05	1.94e-04
234	30	3.67e-03	-0.62	-0.02	4.73e-04	3.84e-05	3.29e-04
234	49	0.17	-0.35	-0.05	2.48e-04	6.33e-05	4.98e-05
234	59	-0.08	-0.19	-0.10	1.03e-04	-2.42e-05	2.12e-04
234	62	3.87e-03	-0.65	-0.02	4.88e-04	4.09e-05	3.60e-04
235	2	0.05	-0.47	-0.14	0.0	-6.83e-04	-4.34e-06
235	3	0.06	-9.73e-03	-0.06	0.0	-7.82e-04	0.0
235	18	0.18	-0.48	-0.08	0.0	-4.82e-04	2.02e-04
235	20	-0.08	-0.38	-0.13	0.0	-5.63e-04	-5.43e-05
235	30	0.11	-0.62	-0.11	0.0	-5.05e-04	3.36e-04
235	50	0.19	-0.49	-0.08	0.0	-4.78e-04	2.21e-04
235	52	-0.09	-0.38	-0.13	0.0	-5.66e-04	-5.91e-05
235	62	0.11	-0.65	-0.11	0.0	-5.03e-04	3.68e-04
236	2	2.99e-03	-0.49	-0.11	2.94e-04	-3.38e-04	7.18e-05
236	15	-0.14	-0.27	-0.11	1.67e-04	-3.11e-04	0.0
236	17	0.15	-0.36	-0.06	1.77e-04	-2.16e-04	1.05e-04
236	30	0.01	-0.65	-0.06	4.06e-04	-2.36e-04	3.93e-04
236	47	-0.16	-0.26	-0.11	1.61e-04	-3.15e-04	-5.70e-06
236	49	0.16	-0.36	-0.06	1.73e-04	-2.12e-04	1.10e-04
236	62	0.01	-0.68	-0.06	4.22e-04	-2.34e-04	4.25e-04
237	2	2.99e-03	-0.49	-0.14	3.06e-04	-5.11e-04	-7.68e-06
237	18	0.15	-0.50	-0.08	2.93e-04	-3.54e-04	1.99e-04
237	20	-0.12	-0.40	-0.13	2.85e-04	-4.40e-04	-5.71e-05
237	30	0.07	-0.65	-0.11	4.18e-04	-3.95e-04	3.32e-04
237	50	0.16	-0.51	-0.08	2.99e-04	-3.51e-04	2.18e-04
237	52	-0.13	-0.40	-0.13	2.89e-04	-4.44e-04	-6.19e-05
237	62	0.08	-0.68	-0.11	4.34e-04	-3.95e-04	3.64e-04
238	2	8.94e-04	-0.49	-0.17	3.22e-04	-3.60e-04	-9.18e-05
238	3	1.87e-03	-0.01	-0.07	4.42e-05	-4.05e-04	-9.11e-05
238	18	0.15	-0.50	-0.11	2.97e-04	-2.35e-04	1.34e-04
238	20	-0.11	-0.39	-0.16	3.05e-04	-3.30e-04	-1.23e-04
238	30	0.09	-0.65	-0.15	4.23e-04	-2.81e-04	2.66e-04
238	50	0.16	-0.51	-0.11	3.01e-04	-2.31e-04	1.53e-04
238	52	-0.12	-0.40	-0.16	3.11e-04	-3.34e-04	-1.28e-04
238	62	0.10	-0.68	-0.15	4.39e-04	-2.81e-04	2.98e-04
239	1	-4.45e-03	-0.40	-0.07	3.12e-04	0.0	4.81e-05
239	2	-4.43e-03	-0.40	-0.07	3.12e-04	0.0	4.75e-05
239	3	-5.17e-03	0.01	-0.05	0.0	0.0	6.92e-05
239	20	-0.15	-0.37	-0.03	2.94e-04	0.0	-1.44e-05
239	24	-7.00e-03	-0.48	-0.02	4.50e-04	0.0	-2.80e-04
239	25	4.37e-03	-0.14	-0.09	2.79e-05	0.0	3.09e-04
239	52	-0.16	-0.38	-0.03	2.98e-04	0.0	-1.92e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
239	56	-7.34e-03	-0.50	-0.02	4.69e-04	0.0	-3.10e-04
239	57	5.10e-03	-0.12	-0.09	8.67e-06	0.0	3.35e-04
240	1	-1.51e-03	-0.49	-0.16	3.20e-04	7.50e-06	-4.62e-06
240	2	-1.49e-03	-0.49	-0.16	3.21e-04	6.91e-06	-4.74e-06
240	19	-0.15	-0.29	-0.13	1.85e-04	-4.56e-05	-2.08e-04
240	30	0.09	-0.60	-0.14	4.39e-04	4.84e-06	3.33e-04
240	36	0.02	-0.57	-0.15	4.35e-04	-2.60e-05	2.13e-04
240	51	-0.16	-0.28	-0.13	1.79e-04	-5.01e-05	-2.27e-04
240	62	0.10	-0.62	-0.14	4.57e-04	4.70e-06	3.65e-04
240	68	0.02	-0.59	-0.15	4.52e-04	-2.88e-05	2.33e-04
241	2	0.07	-0.46	-0.14	0.0	-6.15e-04	-2.91e-06
241	3	0.08	-8.86e-03	-0.06	0.0	-7.16e-04	0.0
241	18	0.20	-0.47	-0.08	0.0	-4.29e-04	2.03e-04
241	20	-0.06	-0.37	-0.13	0.0	-5.12e-04	-5.31e-05
241	30	0.12	-0.61	-0.11	0.0	-4.52e-04	3.38e-04
241	50	0.21	-0.48	-0.08	0.0	-4.25e-04	2.22e-04
241	52	-0.08	-0.37	-0.13	0.0	-5.15e-04	-5.79e-05
241	62	0.13	-0.64	-0.11	0.0	-4.50e-04	3.70e-04
242	1	-5.19e-03	-0.42	-0.07	3.84e-04	0.0	5.09e-05
242	2	-5.16e-03	-0.42	-0.07	3.85e-04	0.0	5.03e-05
242	3	-5.62e-03	0.01	-0.05	7.67e-05	0.0	6.57e-05
242	20	-0.15	-0.39	-0.03	3.61e-04	0.0	-1.18e-05
242	24	-8.58e-03	-0.51	-0.02	5.07e-04	0.0	-2.77e-04
242	25	5.05e-03	-0.14	-0.09	8.72e-05	0.0	3.10e-04
242	52	-0.16	-0.40	-0.03	3.67e-04	0.0	-1.65e-05
242	56	-9.02e-03	-0.53	-0.02	5.26e-04	0.0	-3.06e-04
242	57	5.89e-03	-0.12	-0.09	6.84e-05	0.0	3.36e-04
243	2	-4.51e-03	-0.49	-0.16	3.69e-04	-3.82e-06	0.0
243	3	-6.20e-03	-0.01	-0.06	6.53e-05	-4.81e-05	0.0
243	19	-0.15	-0.36	-0.11	2.37e-04	-6.04e-05	0.0
243	24	-0.09	-0.60	-0.14	4.85e-04	-1.79e-06	0.0
243	26	-0.02	-0.57	-0.15	4.78e-04	2.80e-05	0.0
243	51	-0.17	-0.36	-0.11	2.32e-04	-6.54e-05	0.0
243	56	-0.10	-0.62	-0.14	5.03e-04	-1.55e-06	0.0
243	58	-0.02	-0.59	-0.15	4.96e-04	3.08e-05	0.0
244	2	-1.07e-03	-0.44	-0.13	3.39e-04	0.0	-1.69e-04
244	3	-1.64e-03	-6.37e-03	-0.06	3.13e-05	0.0	9.63e-06
244	19	-0.13	-0.29	-0.10	1.94e-04	0.0	-3.34e-04
244	30	0.06	-0.49	-0.09	4.68e-04	0.0	2.06e-04
244	51	-0.14	-0.28	-0.10	1.88e-04	0.0	-3.53e-04
244	62	0.07	-0.51	-0.09	4.87e-04	0.0	2.37e-04
245	2	-1.52e-03	-0.46	-0.13	2.25e-04	0.0	-1.51e-04
245	3	-2.22e-03	-8.22e-03	-0.06	2.56e-05	0.0	9.25e-06
245	19	-0.14	-0.30	-0.10	1.10e-04	0.0	-3.21e-04
245	30	0.06	-0.52	-0.09	3.70e-04	0.0	2.19e-04
245	51	-0.15	-0.29	-0.10	1.04e-04	0.0	-3.40e-04
245	62	0.07	-0.54	-0.09	3.88e-04	0.0	2.50e-04
246	2	3.71e-03	-0.43	-0.20	3.23e-04	0.0	3.78e-05
246	3	4.81e-03	-0.02	-0.07	4.33e-05	0.0	6.78e-05
246	18	0.14	-0.43	-0.14	3.09e-04	0.0	2.33e-04
246	30	0.12	-0.54	-0.18	4.39e-04	0.0	3.71e-04
246	36	0.05	-0.50	-0.19	4.34e-04	0.0	2.51e-04
246	50	0.16	-0.44	-0.14	3.15e-04	0.0	2.52e-04
246	62	0.13	-0.56	-0.19	4.56e-04	0.0	4.03e-04
246	68	0.05	-0.52	-0.20	4.51e-04	0.0	2.72e-04
247	2	2.57e-03	-0.45	-0.20	2.63e-04	0.0	3.00e-05
247	3	3.88e-03	-0.02	-0.07	-1.75e-05	0.0	6.10e-05
247	18	0.15	-0.45	-0.14	2.54e-04	0.0	2.27e-04
247	30	0.12	-0.57	-0.18	3.92e-04	0.0	3.64e-04
247	36	0.05	-0.53	-0.19	3.90e-04	0.0	2.43e-04
247	50	0.16	-0.45	-0.14	2.58e-04	0.0	2.46e-04
247	62	0.13	-0.59	-0.19	4.09e-04	0.0	3.96e-04
247	68	0.05	-0.55	-0.20	4.07e-04	0.0	2.64e-04
248	2	4.29e-03	-0.41	-0.20	3.95e-04	0.0	3.19e-05
248	3	5.08e-03	-0.02	-0.07	1.00e-04	0.0	5.50e-05
248	18	0.14	-0.41	-0.14	3.65e-04	0.0	2.29e-04
248	30	0.12	-0.51	-0.18	4.95e-04	0.0	3.67e-04
248	36	0.05	-0.47	-0.19	4.91e-04	0.0	2.47e-04
248	50	0.15	-0.42	-0.14	3.70e-04	0.0	2.48e-04
248	62	0.13	-0.53	-0.19	5.13e-04	0.0	3.99e-04
248	68	0.05	-0.49	-0.20	5.08e-04	0.0	2.68e-04
249	2	4.54e-03	-0.38	-0.20	4.41e-04	0.0	1.88e-05
249	3	4.83e-03	-7.80e-03	-0.07	1.20e-04	0.0	2.86e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
249	10	0.14	-0.43	-0.15	4.08e-04	0.0	3.66e-04
249	30	0.11	-0.48	-0.18	5.34e-04	0.0	3.57e-04
249	36	0.05	-0.44	-0.19	5.29e-04	0.0	2.36e-04
249	42	0.15	-0.44	-0.15	4.14e-04	0.0	3.99e-04
249	62	0.12	-0.50	-0.19	5.51e-04	0.0	3.89e-04
249	68	0.05	-0.46	-0.20	5.46e-04	0.0	2.57e-04
250	1	5.03e-03	-0.35	-0.19	3.51e-04	-2.26e-05	6.07e-06
250	2	5.02e-03	-0.35	-0.20	3.52e-04	-2.26e-05	6.02e-06
250	10	0.13	-0.41	-0.15	3.16e-04	2.38e-05	3.56e-04
250	30	0.11	-0.45	-0.18	4.58e-04	-2.06e-05	3.47e-04
250	36	0.05	-0.41	-0.19	4.64e-04	-5.08e-05	2.27e-04
250	42	0.15	-0.42	-0.15	3.20e-04	2.73e-05	3.89e-04
250	62	0.12	-0.46	-0.19	4.75e-04	-2.10e-05	3.79e-04
250	68	0.05	-0.42	-0.20	4.82e-04	-5.38e-05	2.47e-04
251	1	-3.53e-03	-0.38	-0.07	2.44e-04	0.0	3.10e-05
251	2	-3.52e-03	-0.38	-0.07	2.44e-04	0.0	3.06e-05
251	3	-4.47e-03	0.01	-0.05	-6.46e-05	0.0	5.17e-05
251	20	-0.14	-0.35	-0.03	2.40e-04	0.0	-2.76e-05
251	24	-5.26e-03	-0.46	-0.02	3.97e-04	0.0	-2.94e-04
251	25	3.80e-03	-0.14	-0.09	-2.40e-05	0.0	2.97e-04
251	52	-0.15	-0.36	-0.03	2.44e-04	0.0	-3.24e-05
251	56	-5.50e-03	-0.47	-0.02	4.16e-04	0.0	-3.24e-04
251	57	4.41e-03	-0.12	-0.09	-4.32e-05	0.0	3.23e-04
252	1	-2.51e-03	-0.36	-0.07	2.07e-04	0.0	7.51e-06
252	2	-2.50e-03	-0.36	-0.07	2.07e-04	0.0	7.36e-06
252	3	-3.63e-03	5.21e-03	-0.05	-8.18e-05	0.0	2.13e-05
252	20	-0.14	-0.34	-0.03	2.09e-04	0.0	-4.52e-05
252	24	-3.40e-03	-0.43	-0.02	3.66e-04	0.0	-3.12e-04
252	25	3.26e-03	-0.14	-0.09	-4.08e-05	0.0	2.79e-04
252	52	-0.15	-0.34	-0.03	2.14e-04	0.0	-5.00e-05
252	56	-3.53e-03	-0.45	-0.02	3.85e-04	0.0	-3.42e-04
252	57	3.74e-03	-0.12	-0.09	-5.90e-05	0.0	3.05e-04
253	1	-1.65e-03	-0.35	-0.07	2.22e-04	-6.64e-06	-2.80e-06
253	2	-1.65e-03	-0.35	-0.07	2.21e-04	-6.60e-06	-2.82e-06
253	3	-2.99e-03	1.07e-03	-0.05	-2.31e-05	0.0	3.58e-06
253	20	-0.13	-0.32	-0.03	2.29e-04	-6.07e-05	-5.29e-05
253	24	-1.61e-03	-0.41	-0.02	3.48e-04	-3.04e-05	-3.18e-04
253	25	2.54e-03	-0.14	-0.09	-6.61e-06	2.25e-05	2.70e-04
253	52	-0.14	-0.33	-0.03	2.35e-04	-6.56e-05	-5.77e-05
253	56	-1.63e-03	-0.42	-0.02	3.64e-04	-3.27e-05	-3.48e-04
253	57	2.89e-03	-0.13	-0.09	-2.26e-05	2.50e-05	2.96e-04
254	1	-1.84e-03	-0.40	-0.07	3.33e-04	0.0	8.98e-06
254	2	-1.83e-03	-0.40	-0.07	3.33e-04	0.0	8.98e-06
254	3	-2.11e-03	4.17e-03	-0.06	1.75e-05	0.0	9.25e-06
254	20	-0.14	-0.35	-0.05	3.14e-04	0.0	-4.34e-05
254	21	2.15e-03	-0.17	-0.09	3.92e-05	0.0	3.26e-04
254	24	-4.96e-03	-0.45	-0.02	4.73e-04	0.0	-3.12e-04
254	52	-0.16	-0.36	-0.05	3.19e-04	0.0	-4.81e-05
254	53	2.48e-03	-0.16	-0.09	1.95e-05	0.0	3.55e-04
254	56	-5.30e-03	-0.46	-0.02	4.93e-04	0.0	-3.42e-04
255	1	-2.36e-03	-0.43	-0.07	3.75e-04	0.0	9.80e-06
255	2	-2.34e-03	-0.43	-0.07	3.76e-04	0.0	9.80e-06
255	3	-2.69e-03	1.86e-03	-0.06	5.26e-05	0.0	9.44e-06
255	20	-0.15	-0.38	-0.05	3.45e-04	0.0	-4.31e-05
255	21	2.61e-03	-0.18	-0.09	7.27e-05	0.0	3.27e-04
255	24	-6.21e-03	-0.48	-0.02	5.05e-04	0.0	-3.12e-04
255	52	-0.16	-0.38	-0.05	3.50e-04	0.0	-4.78e-05
255	53	3.02e-03	-0.16	-0.09	5.31e-05	0.0	3.57e-04
255	56	-6.63e-03	-0.50	-0.02	5.25e-04	0.0	-3.42e-04
256	1	-1.33e-03	-0.38	-0.07	2.88e-04	0.0	6.36e-06
256	2	-1.32e-03	-0.38	-0.07	2.87e-04	0.0	6.37e-06
256	3	-1.53e-03	4.23e-03	-0.06	-1.32e-05	0.0	6.52e-06
256	20	-0.14	-0.33	-0.05	2.78e-04	0.0	-4.50e-05
256	21	1.67e-03	-0.17	-0.09	6.14e-06	0.0	3.22e-04
256	24	-3.71e-03	-0.42	-0.02	4.36e-04	0.0	-3.12e-04
256	52	-0.15	-0.34	-0.05	2.83e-04	0.0	-4.97e-05
256	53	1.92e-03	-0.16	-0.09	-1.34e-05	0.0	3.51e-04
256	56	-3.96e-03	-0.43	-0.02	4.55e-04	0.0	-3.41e-04
257	1	-8.27e-04	-0.37	-0.07	2.46e-04	0.0	3.29e-06
257	2	-8.22e-04	-0.37	-0.07	2.46e-04	0.0	3.31e-06
257	3	-9.53e-04	2.76e-03	-0.06	-2.84e-05	0.0	2.60e-06
257	20	-0.14	-0.32	-0.05	2.42e-04	0.0	-4.70e-05
257	21	1.19e-03	-0.17	-0.09	-9.38e-06	0.0	3.17e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
257	24	-2.46e-03	-0.39	-0.02	3.88e-04	0.0	-3.11e-04
257	52	-0.15	-0.32	-0.05	2.47e-04	0.0	-5.17e-05
257	53	1.36e-03	-0.16	-0.09	-2.74e-05	0.0	3.46e-04
257	56	-2.62e-03	-0.40	-0.02	4.06e-04	0.0	-3.41e-04
258	1	-3.48e-04	-0.35	-0.07	2.08e-04	-7.61e-06	2.97e-06
258	2	-3.47e-04	-0.35	-0.07	2.08e-04	-7.63e-06	2.98e-06
258	3	-3.68e-04	8.22e-04	-0.06	-2.91e-05	-9.02e-06	0.0
258	20	-0.13	-0.30	-0.05	2.04e-04	-5.31e-05	-4.72e-05
258	21	7.07e-04	-0.17	-0.09	-4.21e-06	1.83e-05	3.15e-04
258	24	-1.24e-03	-0.37	-0.02	3.24e-04	-3.00e-05	-3.10e-04
258	52	-0.14	-0.30	-0.04	2.07e-04	-5.72e-05	-5.19e-05
258	53	7.93e-04	-0.16	-0.09	-1.89e-05	2.05e-05	3.44e-04
258	56	-1.33e-03	-0.38	-0.02	3.38e-04	-3.22e-05	-3.39e-04
259	2	3.28e-03	-0.39	-0.07	2.99e-04	0.0	3.20e-05
259	3	3.90e-03	0.02	-0.06	-2.96e-06	0.0	1.80e-05
259	17	0.14	-0.29	-0.05	1.67e-04	0.0	7.56e-05
259	27	-0.07	-0.17	-0.10	3.28e-05	0.0	2.19e-04
259	30	1.07e-03	-0.51	-0.02	4.22e-04	0.0	3.61e-04
259	49	0.16	-0.29	-0.05	1.61e-04	0.0	8.04e-05
259	59	-0.07	-0.16	-0.10	1.50e-05	0.0	2.37e-04
259	62	9.33e-04	-0.53	-0.02	4.39e-04	0.0	3.93e-04
260	2	3.03e-03	-0.42	-0.07	3.88e-04	0.0	2.50e-05
260	17	0.15	-0.30	-0.05	2.45e-04	0.0	7.08e-05
260	27	-0.07	-0.17	-0.10	1.00e-04	0.0	2.16e-04
260	30	1.87e-03	-0.54	-0.02	4.92e-04	0.0	3.52e-04
260	49	0.16	-0.30	-0.05	2.41e-04	0.0	7.56e-05
260	59	-0.08	-0.16	-0.10	8.26e-05	0.0	2.35e-04
260	62	1.83e-03	-0.56	-0.02	5.10e-04	0.0	3.84e-04
261	2	6.16e-03	-0.42	-0.20	3.15e-04	-5.11e-06	-4.74e-04
261	3	7.83e-03	-4.85e-03	-0.07	2.93e-05	-4.07e-06	-5.24e-04
261	18	0.14	-0.43	-0.14	3.01e-04	4.72e-05	-1.59e-04
261	30	0.12	-0.56	-0.19	4.28e-04	-4.83e-06	-3.04e-05
261	36	0.05	-0.51	-0.20	4.24e-04	-3.58e-05	-1.51e-04
261	50	0.16	-0.45	-0.14	3.07e-04	5.17e-05	-1.40e-04
261	62	0.13	-0.58	-0.19	4.45e-04	-5.00e-06	0.0
261	68	0.05	-0.53	-0.20	4.40e-04	-3.87e-05	-1.31e-04
262	2	4.68e-03	-0.44	-0.20	3.01e-04	-4.70e-05	-4.45e-04
262	3	6.38e-03	-6.57e-03	-0.07	1.57e-05	-5.09e-05	-4.85e-04
262	18	0.15	-0.45	-0.14	2.91e-04	1.39e-05	-1.37e-04
262	30	0.12	-0.58	-0.19	4.17e-04	-3.71e-05	-8.23e-06
262	36	0.05	-0.53	-0.20	4.13e-04	-6.74e-05	-1.29e-04
262	50	0.16	-0.46	-0.14	2.96e-04	1.83e-05	-1.17e-04
262	62	0.13	-0.61	-0.19	4.34e-04	-3.73e-05	2.31e-05
262	68	0.05	-0.55	-0.20	4.29e-04	-7.02e-05	-1.09e-04
263	2	6.59e-03	-0.40	-0.20	3.33e-04	4.00e-05	-3.78e-04
263	3	8.02e-03	-3.27e-03	-0.07	4.32e-05	5.13e-05	-4.22e-04
263	18	0.14	-0.42	-0.14	3.15e-04	8.32e-05	-8.50e-05
263	30	0.12	-0.53	-0.19	4.43e-04	2.95e-05	4.57e-05
263	36	0.05	-0.48	-0.20	4.38e-04	-2.27e-06	-7.48e-05
263	50	0.15	-0.43	-0.14	3.20e-04	8.78e-05	-6.58e-05
263	62	0.13	-0.55	-0.19	4.60e-04	2.94e-05	7.72e-05
263	68	0.05	-0.50	-0.20	4.55e-04	-5.28e-06	-5.46e-05
264	2	6.08e-03	-0.38	-0.20	3.47e-04	6.27e-05	-1.75e-04
264	3	6.83e-03	-1.70e-03	-0.07	5.15e-05	8.53e-05	-2.03e-04
264	10	0.14	-0.46	-0.14	3.12e-04	9.40e-05	2.17e-04
264	30	0.12	-0.51	-0.19	4.51e-04	4.61e-05	2.06e-04
264	36	0.05	-0.46	-0.20	4.55e-04	1.30e-05	8.58e-05
264	42	0.15	-0.48	-0.14	3.16e-04	9.80e-05	2.50e-04
264	62	0.13	-0.53	-0.19	4.67e-04	4.58e-05	2.38e-04
264	68	0.05	-0.47	-0.20	4.72e-04	9.74e-06	1.06e-04
265	2	3.55e-03	-0.45	-0.20	2.97e-04	-7.01e-05	-3.89e-04
265	3	5.26e-03	-7.49e-03	-0.07	1.03e-05	-7.44e-05	-4.20e-04
265	18	0.15	-0.46	-0.14	2.87e-04	-4.09e-06	-9.38e-05
265	30	0.12	-0.60	-0.19	4.13e-04	-5.50e-05	3.52e-05
265	36	0.05	-0.55	-0.20	4.09e-04	-8.51e-05	-8.59e-05
265	50	0.16	-0.47	-0.14	2.92e-04	0.0	-7.45e-05
265	62	0.13	-0.62	-0.19	4.30e-04	-5.52e-05	6.66e-05
265	68	0.05	-0.57	-0.20	4.25e-04	-8.79e-05	-6.59e-05
266	2	1.76e-03	-0.46	-0.20	2.42e-04	0.0	2.15e-05
266	3	3.18e-03	-0.02	-0.07	-4.16e-05	0.0	5.12e-05
266	18	0.15	-0.45	-0.14	2.37e-04	0.0	2.20e-04
266	30	0.12	-0.58	-0.18	3.69e-04	0.0	3.56e-04
266	36	0.05	-0.54	-0.19	3.74e-04	0.0	2.36e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
266	50	0.16	-0.46	-0.14	2.42e-04	0.0	2.40e-04
266	62	0.13	-0.60	-0.19	3.86e-04	0.0	3.88e-04
266	68	0.05	-0.56	-0.20	3.91e-04	0.0	2.56e-04
267	2	2.20e-03	-0.46	-0.20	2.94e-04	-8.67e-05	-3.11e-04
267	3	4.01e-03	-8.42e-03	-0.07	6.54e-06	-8.98e-05	-3.30e-04
267	18	0.15	-0.47	-0.14	2.85e-04	-1.71e-05	-3.38e-05
267	30	0.12	-0.61	-0.19	4.11e-04	-6.80e-05	9.58e-05
267	36	0.05	-0.56	-0.20	4.07e-04	-9.81e-05	-2.53e-05
267	50	0.16	-0.48	-0.14	2.90e-04	-1.28e-05	-1.46e-05
267	62	0.13	-0.64	-0.19	4.28e-04	-6.82e-05	1.27e-04
267	68	0.05	-0.58	-0.20	4.23e-04	-1.01e-04	-5.25e-06
268	2	8.20e-04	-0.47	-0.20	2.31e-04	0.0	1.12e-05
268	3	2.38e-03	-0.02	-0.07	-5.76e-05	0.0	3.88e-05
268	18	0.15	-0.46	-0.14	2.29e-04	0.0	2.13e-04
268	30	0.12	-0.59	-0.18	3.61e-04	0.0	3.48e-04
268	36	0.04	-0.55	-0.19	3.66e-04	0.0	2.27e-04
268	50	0.16	-0.47	-0.14	2.34e-04	0.0	2.32e-04
268	62	0.13	-0.61	-0.19	3.77e-04	0.0	3.80e-04
268	68	0.05	-0.57	-0.20	3.82e-04	0.0	2.48e-04
269	2	6.23e-04	-0.47	-0.20	2.94e-04	-9.73e-05	-2.19e-04
269	3	2.57e-03	-9.36e-03	-0.07	5.71e-06	-9.87e-05	-2.26e-04
269	18	0.15	-0.48	-0.14	2.85e-04	-2.56e-05	3.60e-05
269	30	0.12	-0.62	-0.19	4.11e-04	-7.66e-05	1.66e-04
269	36	0.04	-0.57	-0.20	4.07e-04	-1.07e-04	4.52e-05
269	50	0.16	-0.49	-0.14	2.90e-04	-2.12e-05	5.52e-05
269	62	0.13	-0.65	-0.19	4.28e-04	-7.69e-05	1.98e-04
269	68	0.05	-0.59	-0.20	4.23e-04	-1.09e-04	6.53e-05
270	2	-2.29e-04	-0.48	-0.19	2.30e-04	0.0	0.0
270	3	1.52e-03	-0.02	-0.07	-6.11e-05	0.0	2.49e-05
270	19	-0.15	-0.26	-0.15	1.26e-04	0.0	-2.04e-04
270	30	0.12	-0.60	-0.18	3.60e-04	0.0	3.39e-04
270	36	0.04	-0.56	-0.19	3.64e-04	0.0	2.18e-04
270	51	-0.16	-0.25	-0.16	1.21e-04	0.0	-2.23e-04
270	62	0.13	-0.62	-0.19	3.76e-04	0.0	3.70e-04
270	68	0.05	-0.58	-0.20	3.81e-04	0.0	2.38e-04
271	1	-1.19e-03	-0.48	-0.20	2.97e-04	-9.97e-05	-1.30e-04
271	2	-1.18e-03	-0.48	-0.20	2.97e-04	-9.95e-05	-1.30e-04
271	19	-0.15	-0.24	-0.16	1.78e-04	-1.26e-04	-3.04e-04
271	30	0.12	-0.64	-0.19	4.13e-04	-7.88e-05	2.35e-04
271	36	0.04	-0.59	-0.20	4.12e-04	-1.09e-04	1.14e-04
271	51	-0.17	-0.23	-0.16	1.74e-04	-1.30e-04	-3.24e-04
271	62	0.13	-0.66	-0.19	4.30e-04	-7.91e-05	2.66e-04
271	68	0.05	-0.61	-0.20	4.28e-04	-1.12e-04	1.34e-04
272	1	-1.34e-03	-0.48	-0.19	2.43e-04	0.0	-9.76e-06
272	2	-1.33e-03	-0.48	-0.19	2.43e-04	0.0	-9.86e-06
272	19	-0.15	-0.27	-0.15	1.36e-04	0.0	-2.12e-04
272	30	0.12	-0.61	-0.18	3.70e-04	0.0	3.30e-04
272	36	0.04	-0.57	-0.19	3.74e-04	0.0	2.09e-04
272	51	-0.17	-0.26	-0.16	1.32e-04	0.0	-2.31e-04
272	62	0.13	-0.64	-0.19	3.86e-04	0.0	3.62e-04
272	68	0.05	-0.59	-0.20	3.91e-04	0.0	2.30e-04
273	2	3.04e-03	-0.38	-0.07	2.19e-04	0.0	3.19e-05
273	3	4.18e-03	0.01	-0.06	-9.25e-05	0.0	1.24e-05
273	17	0.14	-0.28	-0.05	1.03e-04	0.0	7.48e-05
273	27	-0.07	-0.17	-0.10	-2.83e-05	0.0	2.16e-04
273	30	-1.40e-04	-0.49	-0.02	3.62e-04	0.0	3.66e-04
273	49	0.15	-0.28	-0.05	9.70e-05	0.0	7.95e-05
273	59	-0.07	-0.15	-0.10	-4.61e-05	0.0	2.34e-04
273	62	-3.75e-04	-0.51	-0.02	3.79e-04	0.0	3.98e-04
274	2	2.38e-03	-0.37	-0.07	1.86e-04	0.0	2.52e-05
274	3	3.92e-03	6.72e-03	-0.06	-1.19e-04	0.0	6.83e-06
274	17	0.14	-0.27	-0.05	7.93e-05	0.0	6.88e-05
274	27	-0.07	-0.17	-0.10	-4.87e-05	0.0	2.09e-04
274	30	-1.75e-03	-0.47	-0.02	3.31e-04	0.0	3.64e-04
274	49	0.15	-0.27	-0.05	7.36e-05	0.0	7.35e-05
274	59	-0.07	-0.15	-0.10	-6.60e-05	0.0	2.27e-04
274	62	-2.09e-03	-0.48	-0.02	3.48e-04	0.0	3.96e-04
275	2	1.68e-03	-0.35	-0.07	2.57e-04	1.96e-06	1.79e-05
275	3	3.64e-03	1.03e-03	-0.06	-4.00e-06	-7.25e-06	7.85e-06
275	17	0.13	-0.27	-0.05	1.54e-04	5.16e-05	6.27e-05
275	27	-0.07	-0.16	-0.10	1.86e-05	-3.09e-05	2.05e-04
275	30	-3.48e-03	-0.45	-0.02	3.72e-04	3.12e-05	3.57e-04
275	49	0.14	-0.27	-0.05	1.50e-04	5.61e-05	6.73e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
275	59	-0.07	-0.15	-0.10	2.45e-06	-3.39e-05	2.22e-04
275	62	-3.94e-03	-0.46	-0.02	3.88e-04	3.39e-05	3.89e-04
276	1	-6.22e-03	-0.46	-0.07	4.41e-04	0.0	3.16e-05
276	2	-6.19e-03	-0.46	-0.07	4.43e-04	0.0	3.13e-05
276	20	-0.16	-0.43	-0.03	4.00e-04	0.0	-2.55e-05
276	24	-0.01	-0.57	-0.02	5.32e-04	0.0	-2.91e-04
276	25	6.11e-03	-0.15	-0.09	1.50e-04	0.0	2.94e-04
276	52	-0.17	-0.43	-0.03	4.05e-04	0.0	-3.02e-05
276	56	-0.01	-0.59	-0.02	5.49e-04	0.0	-3.20e-04
276	57	7.13e-03	-0.13	-0.09	1.33e-04	0.0	3.20e-04
277	1	-6.67e-03	-0.48	-0.07	4.36e-04	0.0	2.40e-05
277	2	-6.64e-03	-0.48	-0.07	4.38e-04	0.0	2.39e-05
277	20	-0.16	-0.44	-0.03	3.94e-04	0.0	-3.11e-05
277	24	-0.01	-0.58	-0.02	5.22e-04	0.0	-2.96e-04
277	25	6.40e-03	-0.16	-0.09	1.53e-04	0.0	2.89e-04
277	52	-0.17	-0.45	-0.03	3.99e-04	0.0	-3.57e-05
277	56	-0.01	-0.60	-0.02	5.38e-04	0.0	-3.26e-04
277	57	7.48e-03	-0.14	-0.09	1.37e-04	0.0	3.14e-04
278	2	-5.82e-03	-0.45	-0.07	4.35e-04	0.0	3.94e-05
278	3	-5.88e-03	3.30e-03	-0.05	1.28e-04	0.0	4.38e-05
278	20	-0.15	-0.41	-0.03	3.95e-04	0.0	-1.95e-05
278	24	-0.01	-0.55	-0.02	5.33e-04	0.0	-2.84e-04
278	25	5.77e-03	-0.15	-0.09	1.37e-04	0.0	3.01e-04
278	52	-0.17	-0.42	-0.03	4.01e-04	0.0	-2.42e-05
278	56	-0.01	-0.57	-0.02	5.50e-04	0.0	-3.14e-04
278	57	6.74e-03	-0.13	-0.09	1.19e-04	0.0	3.26e-04
279	2	-5.49e-03	-0.43	-0.07	4.14e-04	0.0	4.62e-05
279	3	-5.76e-03	7.24e-03	-0.05	1.07e-04	0.0	5.65e-05
279	20	-0.15	-0.40	-0.03	3.82e-04	0.0	-1.46e-05
279	24	-9.34e-03	-0.53	-0.02	5.23e-04	0.0	-2.79e-04
279	25	5.41e-03	-0.14	-0.09	1.15e-04	0.0	3.06e-04
279	52	-0.17	-0.41	-0.03	3.87e-04	0.0	-1.93e-05
279	56	-9.82e-03	-0.55	-0.02	5.42e-04	0.0	-3.09e-04
279	57	6.31e-03	-0.13	-0.09	9.70e-05	0.0	3.32e-04
280	2	-3.14e-03	-0.47	-0.07	4.09e-04	0.0	7.47e-06
280	3	-3.58e-03	-5.10e-03	-0.06	8.17e-05	0.0	5.98e-06
280	20	-0.15	-0.41	-0.05	3.64e-04	0.0	-4.49e-05
280	21	3.24e-03	-0.19	-0.09	1.28e-04	0.0	3.25e-04
280	24	-8.07e-03	-0.53	-0.02	5.00e-04	0.0	-3.14e-04
280	52	-0.17	-0.42	-0.05	3.69e-04	0.0	-4.96e-05
280	53	3.77e-03	-0.17	-0.09	1.11e-04	0.0	3.55e-04
280	56	-8.60e-03	-0.55	-0.02	5.17e-04	0.0	-3.44e-04
281	1	-3.50e-03	-0.49	-0.20	3.11e-04	-8.75e-05	-8.03e-05
281	2	-3.48e-03	-0.49	-0.20	3.11e-04	-8.74e-05	-8.03e-05
281	19	-0.16	-0.25	-0.16	1.89e-04	-1.16e-04	-2.66e-04
281	30	0.12	-0.65	-0.19	4.23e-04	-7.00e-05	2.73e-04
281	36	0.04	-0.60	-0.20	4.22e-04	-9.97e-05	1.53e-04
281	51	-0.17	-0.24	-0.16	1.85e-04	-1.20e-04	-2.85e-04
281	62	0.13	-0.68	-0.19	4.40e-04	-7.04e-05	3.05e-04
281	68	0.04	-0.62	-0.20	4.38e-04	-1.03e-04	1.73e-04
282	2	-3.41e-03	-0.48	-0.07	4.08e-04	0.0	5.99e-06
282	3	-3.89e-03	-7.77e-03	-0.06	8.03e-05	0.0	4.67e-06
282	20	-0.16	-0.42	-0.05	3.60e-04	0.0	-4.60e-05
282	21	3.42e-03	-0.19	-0.09	1.36e-04	0.0	3.24e-04
282	24	-8.68e-03	-0.55	-0.02	4.90e-04	0.0	-3.15e-04
282	52	-0.17	-0.43	-0.04	3.65e-04	0.0	-5.08e-05
282	53	3.99e-03	-0.17	-0.09	1.20e-04	0.0	3.54e-04
282	56	-9.25e-03	-0.56	-0.02	5.06e-04	0.0	-3.44e-04
283	2	-2.86e-03	-0.45	-0.07	4.04e-04	0.0	8.65e-06
283	3	-3.28e-03	-2.48e-03	-0.06	7.71e-05	0.0	7.38e-06
283	20	-0.15	-0.40	-0.05	3.63e-04	0.0	-4.40e-05
283	21	3.04e-03	-0.18	-0.09	1.15e-04	0.0	3.26e-04
283	24	-7.45e-03	-0.51	-0.02	5.05e-04	0.0	-3.13e-04
283	52	-0.17	-0.40	-0.05	3.67e-04	0.0	-4.88e-05
283	53	3.53e-03	-0.17	-0.09	9.79e-05	0.0	3.56e-04
283	56	-7.95e-03	-0.53	-0.02	5.23e-04	0.0	-3.43e-04
284	2	5.25e-03	-0.44	-0.07	3.29e-04	-3.19e-05	4.58e-04
284	3	5.46e-03	-7.55e-03	-0.06	3.98e-05	-5.08e-05	5.30e-04
284	17	0.15	-0.33	-0.04	2.02e-04	2.63e-05	3.99e-04
284	27	-0.07	-0.18	-0.10	6.32e-05	-5.45e-05	5.51e-04
284	30	3.61e-03	-0.59	-0.02	4.39e-04	2.62e-06	6.88e-04
284	49	0.16	-0.32	-0.04	1.97e-04	3.08e-05	4.04e-04
284	59	-0.07	-0.17	-0.10	4.62e-05	-5.72e-05	5.70e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
284	62	3.58e-03	-0.61	-0.01	4.56e-04	5.06e-06	7.19e-04
285	2	0.07	-0.44	-0.10	0.0	-2.09e-04	5.62e-04
285	3	0.08	-7.32e-03	-0.06	0.0	-2.71e-04	6.57e-04
285	15	-0.08	-0.24	-0.11	0.0	-2.13e-04	3.80e-04
285	17	0.19	-0.32	-0.06	0.0	-1.15e-04	4.78e-04
285	30	0.06	-0.58	-0.06	0.0	-1.36e-04	7.74e-04
285	47	-0.09	-0.23	-0.11	0.0	-2.18e-04	3.75e-04
285	49	0.21	-0.32	-0.06	0.0	-1.11e-04	4.82e-04
285	62	0.06	-0.61	-0.06	0.0	-1.34e-04	8.06e-04
286	1	5.40e-03	-0.36	-0.10	2.99e-04	1.12e-04	6.06e-05
286	2	5.40e-03	-0.36	-0.10	3.00e-04	1.11e-04	6.05e-05
286	3	7.18e-03	-1.03e-03	-0.06	2.88e-05	1.51e-04	6.80e-05
286	15	-0.12	-0.19	-0.11	1.71e-04	1.54e-05	-1.11e-05
286	17	0.13	-0.27	-0.06	1.83e-04	1.47e-04	9.57e-05
286	30	0.01	-0.48	-0.06	4.08e-04	1.18e-04	3.87e-04
286	47	-0.13	-0.18	-0.11	1.66e-04	9.11e-06	-1.65e-05
286	49	0.14	-0.27	-0.06	1.79e-04	1.52e-04	1.00e-04
286	62	0.01	-0.50	-0.06	4.24e-04	1.20e-04	4.19e-04
287	2	0.10	-0.44	-0.14	0.0	-3.02e-04	0.0
287	3	0.12	-7.13e-03	-0.06	0.0	-3.84e-04	-1.58e-06
287	18	0.22	-0.45	-0.08	0.0	-1.83e-04	2.05e-04
287	20	-0.04	-0.35	-0.13	0.0	-2.75e-04	-5.15e-05
287	30	0.15	-0.58	-0.10	0.0	-2.09e-04	3.41e-04
287	50	0.23	-0.46	-0.08	0.0	-1.78e-04	2.25e-04
287	52	-0.05	-0.35	-0.13	0.0	-2.79e-04	-5.63e-05
287	62	0.15	-0.61	-0.10	0.0	-2.07e-04	3.73e-04
288	1	7.11e-03	-0.35	-0.13	3.01e-04	1.48e-04	5.58e-06
288	2	7.11e-03	-0.35	-0.13	3.02e-04	1.47e-04	5.58e-06
288	3	8.46e-03	-4.68e-04	-0.06	2.54e-05	2.17e-04	1.49e-06
288	18	0.12	-0.38	-0.08	2.88e-04	1.77e-04	2.08e-04
288	20	-0.10	-0.27	-0.13	2.80e-04	3.77e-05	-4.49e-05
288	30	0.06	-0.48	-0.10	4.09e-04	1.11e-04	3.44e-04
288	50	0.14	-0.39	-0.08	2.93e-04	1.83e-04	2.28e-04
288	52	-0.10	-0.27	-0.13	2.84e-04	3.09e-05	-4.96e-05
288	62	0.07	-0.50	-0.10	4.25e-04	1.11e-04	3.76e-04
289	2	0.07	-0.44	-0.17	0.0	-2.14e-04	-5.66e-04
289	3	0.08	-6.89e-03	-0.07	0.0	-2.68e-04	-6.56e-04
289	18	0.19	-0.45	-0.11	0.0	-1.19e-04	-2.26e-04
289	20	-0.05	-0.35	-0.16	0.0	-2.18e-04	-4.93e-04
289	30	0.14	-0.58	-0.14	0.0	-1.64e-04	-9.84e-05
289	50	0.21	-0.46	-0.11	0.0	-1.15e-04	-2.06e-04
289	52	-0.06	-0.35	-0.16	0.0	-2.23e-04	-4.99e-04
289	62	0.15	-0.61	-0.15	0.0	-1.64e-04	-6.67e-05
290	1	6.93e-03	-0.35	-0.16	3.08e-04	9.55e-05	-4.58e-05
290	2	6.92e-03	-0.35	-0.16	3.09e-04	9.49e-05	-4.57e-05
290	3	7.56e-03	2.56e-05	-0.06	2.00e-05	1.52e-04	-6.32e-05
290	18	0.13	-0.38	-0.11	2.86e-04	1.31e-04	1.69e-04
290	20	-0.09	-0.27	-0.15	2.97e-04	0.0	-8.43e-05
290	30	0.09	-0.48	-0.14	4.14e-04	6.55e-05	3.06e-04
290	50	0.14	-0.39	-0.11	2.90e-04	1.36e-04	1.89e-04
290	52	-0.09	-0.27	-0.16	3.02e-04	-5.55e-06	-8.89e-05
290	62	0.09	-0.50	-0.14	4.30e-04	6.47e-05	3.38e-04
291	2	3.82e-03	-0.38	-0.07	2.86e-04	8.00e-05	1.97e-04
291	3	5.85e-03	-2.56e-03	-0.06	-6.84e-06	8.77e-05	2.22e-04
291	17	0.14	-0.29	-0.04	1.68e-04	1.17e-04	1.99e-04
291	27	-0.07	-0.16	-0.10	2.93e-05	2.86e-05	3.44e-04
291	30	-6.63e-04	-0.51	-0.02	4.09e-04	9.11e-05	4.94e-04
291	49	0.15	-0.29	-0.04	1.63e-04	1.22e-04	2.04e-04
291	59	-0.07	-0.15	-0.10	1.21e-05	2.56e-05	3.62e-04
291	62	-1.00e-03	-0.53	-0.01	4.27e-04	9.38e-05	5.26e-04
292	2	0.03	-0.38	-0.10	0.0	4.94e-04	2.34e-04
292	3	0.04	-2.33e-03	-0.06	0.0	5.91e-04	2.84e-04
292	15	-0.10	-0.20	-0.11	0.0	3.02e-04	1.26e-04
292	17	0.15	-0.29	-0.06	0.0	4.49e-04	2.28e-04
292	30	0.03	-0.51	-0.06	0.0	4.15e-04	5.19e-04
292	47	-0.11	-0.19	-0.11	0.0	2.95e-04	1.21e-04
292	49	0.16	-0.29	-0.06	0.0	4.55e-04	2.32e-04
292	62	0.03	-0.53	-0.06	0.0	4.18e-04	5.51e-04
293	2	5.34e-03	-0.40	-0.07	2.96e-04	5.34e-05	3.95e-04
293	3	7.05e-03	-4.19e-03	-0.06	2.83e-06	5.32e-05	4.59e-04
293	17	0.14	-0.30	-0.04	1.76e-04	9.44e-05	3.50e-04
293	27	-0.07	-0.17	-0.10	3.82e-05	9.85e-06	4.99e-04
293	30	1.63e-03	-0.53	-0.02	4.16e-04	6.95e-05	6.43e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
293	49	0.16	-0.30	-0.04	1.72e-04	9.92e-05	3.54e-04
293	59	-0.07	-0.15	-0.10	2.11e-05	6.99e-06	5.17e-04
293	62	1.40e-03	-0.55	-0.01	4.33e-04	7.21e-05	6.75e-04
294	2	0.06	-0.40	-0.10	0.0	3.52e-04	4.76e-04
294	3	0.08	-3.93e-03	-0.06	0.0	4.00e-04	5.72e-04
294	15	-0.08	-0.21	-0.11	0.0	2.01e-04	3.14e-04
294	17	0.18	-0.30	-0.06	0.0	3.32e-04	4.12e-04
294	30	0.06	-0.53	-0.06	0.0	3.03e-04	7.06e-04
294	47	-0.09	-0.21	-0.11	0.0	1.94e-04	3.09e-04
294	49	0.19	-0.30	-0.06	0.0	3.38e-04	4.16e-04
294	62	0.06	-0.55	-0.06	0.0	3.05e-04	7.38e-04
295	2	5.77e-03	-0.42	-0.07	3.12e-04	7.85e-06	4.92e-04
295	3	6.88e-03	-5.88e-03	-0.06	2.10e-05	-3.34e-06	5.71e-04
295	17	0.15	-0.31	-0.04	1.89e-04	5.80e-05	4.24e-04
295	27	-0.07	-0.17	-0.10	5.01e-05	-2.42e-05	5.76e-04
295	30	3.01e-03	-0.56	-0.02	4.27e-04	3.36e-05	7.15e-04
295	49	0.16	-0.31	-0.04	1.84e-04	6.26e-05	4.28e-04
295	59	-0.07	-0.16	-0.10	3.30e-05	-2.70e-05	5.94e-04
295	62	2.87e-03	-0.58	-0.01	4.44e-04	3.61e-05	7.47e-04
296	2	0.08	-0.42	-0.10	0.0	6.38e-05	5.98e-04
296	3	0.09	-5.62e-03	-0.06	0.0	4.51e-05	7.09e-04
296	15	-0.07	-0.23	-0.11	0.0	-1.10e-05	4.09e-04
296	17	0.19	-0.31	-0.06	0.0	1.01e-04	5.05e-04
296	30	0.07	-0.56	-0.06	0.0	7.69e-05	8.01e-04
296	47	-0.09	-0.22	-0.11	0.0	-1.64e-05	4.04e-04
296	49	0.21	-0.31	-0.06	0.0	1.06e-04	5.09e-04
296	62	0.07	-0.58	-0.06	0.0	7.94e-05	8.33e-04
297	1	-2.25e-03	-0.49	-0.16	3.48e-04	2.04e-06	0.0
297	2	-2.23e-03	-0.49	-0.16	3.49e-04	3.10e-06	0.0
297	19	-0.15	-0.31	-0.12	2.08e-04	-4.72e-05	0.0
297	28	-0.09	-0.55	-0.15	4.57e-04	-2.52e-05	0.0
297	30	0.09	-0.57	-0.14	4.57e-04	2.35e-06	0.0
297	51	-0.16	-0.31	-0.12	2.03e-04	-5.16e-05	0.0
297	60	-0.10	-0.56	-0.15	4.75e-04	-2.77e-05	0.0
297	62	0.10	-0.59	-0.14	4.74e-04	2.28e-06	0.0
298	2	-3.00e-03	-0.49	-0.16	3.69e-04	9.29e-06	0.0
298	3	-3.70e-03	-0.01	-0.06	3.91e-05	-4.18e-06	0.0
298	19	-0.15	-0.33	-0.12	2.23e-04	-5.11e-05	0.0
298	22	-0.02	-0.56	-0.14	4.78e-04	3.22e-05	0.0
298	24	-0.09	-0.56	-0.14	4.71e-04	4.60e-06	0.0
298	51	-0.16	-0.33	-0.12	2.17e-04	-5.62e-05	0.0
298	54	-0.02	-0.57	-0.15	4.95e-04	3.45e-05	0.0
298	56	-0.10	-0.58	-0.15	4.89e-04	4.50e-06	0.0
299	2	-3.33e-03	-0.49	-0.16	3.74e-04	-2.98e-06	0.0
299	3	-4.29e-03	-0.01	-0.06	3.91e-05	-9.76e-06	0.0
299	19	-0.15	-0.34	-0.12	2.27e-04	-5.90e-05	0.0
299	24	-0.09	-0.57	-0.14	4.75e-04	-5.17e-06	0.0
299	26	-0.02	-0.56	-0.15	4.80e-04	2.43e-05	0.0
299	51	-0.16	-0.34	-0.11	2.21e-04	-6.40e-05	0.0
299	56	-0.10	-0.59	-0.14	4.92e-04	-5.32e-06	0.0
299	58	-0.02	-0.58	-0.15	4.97e-04	2.67e-05	0.0
300	2	-3.33e-03	-0.49	-0.13	9.37e-05	0.0	2.86e-06
300	3	-4.03e-03	-9.93e-03	-0.06	1.95e-05	0.0	2.43e-06
300	13	0.14	-0.30	-0.10	2.57e-05	0.0	2.01e-04
300	19	-0.15	-0.35	-0.09	1.92e-05	0.0	-2.05e-04
300	24	-0.07	-0.57	-0.09	2.35e-04	0.0	-3.16e-04
300	45	0.15	-0.29	-0.10	2.16e-05	0.0	2.20e-04
300	51	-0.16	-0.34	-0.09	1.47e-05	0.0	-2.24e-04
300	56	-0.07	-0.59	-0.09	2.50e-04	0.0	-3.45e-04
301	2	-2.75e-03	-0.49	-0.13	3.66e-05	0.0	-8.10e-06
301	3	-3.33e-03	-9.26e-03	-0.06	2.16e-05	0.0	2.68e-06
301	13	0.14	-0.30	-0.10	-1.90e-05	0.0	1.94e-04
301	19	-0.14	-0.35	-0.09	-2.60e-05	0.0	-2.14e-04
301	24	-0.07	-0.57	-0.09	1.94e-04	0.0	-3.26e-04
301	45	0.15	-0.30	-0.10	-2.31e-05	0.0	2.12e-04
301	51	-0.16	-0.34	-0.09	-3.06e-05	0.0	-2.33e-04
301	56	-0.07	-0.58	-0.09	2.08e-04	0.0	-3.56e-04
302	2	-2.22e-03	-0.49	-0.13	2.20e-05	0.0	-2.18e-05
302	3	-2.74e-03	-8.53e-03	-0.06	2.34e-05	0.0	2.86e-06
302	13	0.14	-0.30	-0.10	-3.21e-05	0.0	1.84e-04
302	19	-0.14	-0.35	-0.09	-3.93e-05	0.0	-2.25e-04
302	24	-0.07	-0.56	-0.09	1.96e-04	0.0	-3.38e-04
302	49	0.13	-0.31	-0.10	-3.56e-05	0.0	3.91e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
302	51	-0.15	-0.35	-0.09	-4.41e-05	0.0	-2.45e-04
302	56	-0.07	-0.58	-0.09	2.11e-04	0.0	-3.68e-04
303	2	-5.22e-04	-0.43	-0.12	6.25e-04	0.0	-3.87e-05
303	3	-8.33e-04	-3.26e-03	-0.06	2.83e-05	0.0	1.24e-06
303	13	0.13	-0.28	-0.10	3.99e-04	0.0	1.72e-04
303	19	-0.13	-0.32	-0.09	4.22e-04	0.0	-2.37e-04
303	24	-0.06	-0.48	-0.09	7.29e-04	0.0	-3.52e-04
303	45	0.14	-0.27	-0.10	3.91e-04	0.0	1.90e-04
303	51	-0.14	-0.32	-0.09	4.16e-04	0.0	-2.57e-04
303	56	-0.06	-0.49	-0.09	7.52e-04	0.0	-3.83e-04
304	2	-6.82e-04	-0.39	-0.12	6.96e-04	0.0	-1.52e-05
304	3	-9.32e-04	-1.47e-03	-0.05	2.65e-05	0.0	0.0
304	13	0.12	-0.25	-0.10	4.57e-04	0.0	1.86e-04
304	19	-0.12	-0.29	-0.09	4.81e-04	0.0	-2.16e-04
304	24	-0.06	-0.43	-0.09	7.71e-04	0.0	-3.29e-04
304	45	0.13	-0.24	-0.10	4.50e-04	0.0	2.05e-04
304	51	-0.13	-0.29	-0.09	4.76e-04	0.0	-2.35e-04
304	56	-0.06	-0.44	-0.09	7.93e-04	0.0	-3.59e-04
305	2	-1.76e-03	-0.48	-0.12	5.02e-05	0.0	-3.53e-05
305	3	-2.24e-03	-7.74e-03	-0.06	2.50e-05	0.0	2.94e-06
305	13	0.13	-0.30	-0.10	-1.33e-05	0.0	1.75e-04
305	19	-0.14	-0.35	-0.09	-2.05e-05	0.0	-2.36e-04
305	24	-0.06	-0.55	-0.09	2.28e-04	0.0	-3.50e-04
305	49	0.13	-0.31	-0.10	-1.66e-05	0.0	2.93e-05
305	51	-0.15	-0.35	-0.09	-2.56e-05	0.0	-2.56e-04
305	56	-0.07	-0.57	-0.09	2.44e-04	0.0	-3.80e-04
306	2	-7.89e-04	-0.47	-0.12	3.63e-04	0.0	-5.28e-05
306	3	-1.19e-03	-5.11e-03	-0.06	2.82e-05	0.0	2.36e-06
306	13	0.13	-0.30	-0.10	2.05e-04	0.0	1.62e-04
306	19	-0.13	-0.34	-0.09	2.21e-04	0.0	-2.50e-04
306	24	-0.06	-0.52	-0.09	5.08e-04	0.0	-3.66e-04
306	45	0.14	-0.29	-0.10	1.98e-04	0.0	1.81e-04
306	51	-0.14	-0.34	-0.09	2.16e-04	0.0	-2.69e-04
306	56	-0.07	-0.54	-0.09	5.29e-04	0.0	-3.96e-04
307	2	-1.37e-03	-0.48	-0.12	1.22e-04	0.0	-4.60e-05
307	3	-1.83e-03	-6.90e-03	-0.06	2.64e-05	0.0	2.89e-06
307	13	0.13	-0.30	-0.10	3.84e-05	0.0	1.67e-04
307	19	-0.14	-0.35	-0.09	3.09e-05	0.0	-2.45e-04
307	24	-0.06	-0.55	-0.09	2.95e-04	0.0	-3.60e-04
307	49	0.12	-0.31	-0.10	3.53e-05	0.0	2.15e-05
307	51	-0.15	-0.35	-0.09	2.54e-05	0.0	-2.64e-04
307	56	-0.07	-0.56	-0.09	3.13e-04	0.0	-3.90e-04
308	2	-3.95e-03	-0.49	-0.13	2.03e-04	-8.70e-06	7.78e-06
308	3	-4.85e-03	-0.01	-0.06	1.70e-05	-1.71e-05	2.24e-06
308	13	0.14	-0.30	-0.10	1.09e-04	4.46e-05	2.05e-04
308	19	-0.15	-0.35	-0.09	1.03e-04	-6.58e-05	-2.01e-04
308	24	-0.07	-0.58	-0.09	3.21e-04	-8.85e-06	-3.11e-04
308	45	0.15	-0.30	-0.10	1.05e-04	4.91e-05	2.23e-04
308	51	-0.16	-0.35	-0.09	9.81e-05	-7.10e-05	-2.20e-04
308	56	-0.08	-0.60	-0.09	3.36e-04	-8.94e-06	-3.41e-04
309	1	-1.30e-03	-0.35	-0.12	2.92e-04	1.02e-06	-3.15e-06
309	2	-1.30e-03	-0.35	-0.12	2.93e-04	0.0	-3.15e-06
309	3	-1.59e-03	1.47e-04	-0.05	2.28e-05	2.98e-06	-1.14e-06
309	13	0.12	-0.22	-0.10	1.82e-04	4.58e-05	1.94e-04
309	19	-0.12	-0.26	-0.09	1.75e-04	-5.13e-05	-2.05e-04
309	24	-0.06	-0.39	-0.09	3.81e-04	0.0	-3.17e-04
309	45	0.13	-0.22	-0.10	1.78e-04	4.98e-05	2.12e-04
309	51	-0.13	-0.26	-0.09	1.71e-04	-5.59e-05	-2.24e-04
309	56	-0.06	-0.40	-0.09	3.95e-04	0.0	-3.46e-04
310	2	-3.67e-03	-0.49	-0.16	3.77e-04	1.01e-06	0.0
310	3	-4.91e-03	-0.01	-0.06	4.01e-05	-1.44e-05	0.0
310	19	-0.15	-0.35	-0.11	2.39e-04	-5.52e-05	0.0
310	24	-0.09	-0.58	-0.14	4.85e-04	-1.69e-06	0.0
310	26	-0.02	-0.57	-0.15	4.80e-04	2.76e-05	0.0
310	51	-0.16	-0.35	-0.11	2.35e-04	-6.01e-05	0.0
310	56	-0.10	-0.60	-0.14	5.03e-04	-1.80e-06	0.0
310	58	-0.02	-0.58	-0.15	4.98e-04	3.00e-05	0.0
311	2	-5.80e-04	-0.47	-0.12	3.65e-04	0.0	-1.05e-04
311	3	-1.12e-03	-4.94e-03	-0.06	2.73e-05	0.0	1.52e-06
311	17	0.11	-0.30	-0.11	2.10e-04	0.0	-2.80e-05
311	19	-0.13	-0.36	-0.08	2.24e-04	0.0	-2.90e-04
311	24	-0.06	-0.55	-0.09	5.11e-04	0.0	-4.08e-04
311	49	0.12	-0.29	-0.11	2.03e-04	0.0	-2.30e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
311	51	-0.14	-0.36	-0.08	2.18e-04	0.0	-3.10e-04
311	56	-0.07	-0.57	-0.09	5.32e-04	0.0	-4.38e-04
312	2	-4.41e-03	-0.49	-0.13	2.07e-04	-7.84e-06	1.26e-05
312	3	-5.40e-03	-0.01	-0.06	1.76e-05	-2.95e-05	1.48e-06
312	17	0.12	-0.31	-0.11	1.14e-04	4.57e-05	5.95e-05
312	19	-0.15	-0.36	-0.09	1.06e-04	-6.63e-05	-1.97e-04
312	24	-0.07	-0.59	-0.09	3.25e-04	-8.39e-06	-3.07e-04
312	49	0.13	-0.30	-0.11	1.11e-04	5.03e-05	6.41e-05
312	51	-0.16	-0.35	-0.09	1.02e-04	-7.17e-05	-2.16e-04
312	56	-0.08	-0.61	-0.09	3.40e-04	-8.47e-06	-3.36e-04
313	1	-1.96e-03	-0.35	-0.12	2.91e-04	1.02e-05	-1.53e-06
313	2	-1.95e-03	-0.35	-0.12	2.92e-04	9.73e-06	-1.53e-06
313	3	-2.36e-03	7.65e-05	-0.05	2.24e-05	1.33e-05	-1.41e-06
313	18	0.12	-0.27	-0.10	2.66e-04	5.67e-05	2.01e-04
313	19	-0.12	-0.27	-0.08	1.83e-04	-4.16e-05	-2.04e-04
313	24	-0.06	-0.40	-0.09	3.87e-04	6.63e-06	-3.17e-04
313	50	0.13	-0.27	-0.10	2.70e-04	6.11e-05	2.20e-04
313	51	-0.13	-0.27	-0.08	1.79e-04	-4.59e-05	-2.23e-04
313	56	-0.06	-0.41	-0.09	4.01e-04	6.63e-06	-3.47e-04
314	2	-3.25e-04	-0.44	-0.12	6.59e-04	0.0	-8.31e-05
314	3	-7.84e-04	-3.18e-03	-0.06	2.68e-05	0.0	0.0
314	17	0.11	-0.28	-0.11	4.28e-04	0.0	-1.20e-05
314	19	-0.13	-0.34	-0.08	4.50e-04	0.0	-2.72e-04
314	24	-0.06	-0.51	-0.09	7.61e-04	0.0	-3.87e-04
314	49	0.12	-0.27	-0.11	4.20e-04	0.0	-7.15e-06
314	51	-0.14	-0.34	-0.08	4.44e-04	0.0	-2.91e-04
314	56	-0.06	-0.52	-0.09	7.84e-04	0.0	-4.17e-04
315	2	-6.40e-04	-0.39	-0.12	7.33e-04	0.0	-1.91e-05
315	3	-1.05e-03	-1.50e-03	-0.06	2.48e-05	0.0	0.0
315	18	0.12	-0.30	-0.11	6.15e-04	0.0	1.90e-04
315	19	-0.12	-0.30	-0.08	5.13e-04	0.0	-2.19e-04
315	24	-0.06	-0.45	-0.09	8.02e-04	0.0	-3.31e-04
315	50	0.13	-0.30	-0.11	6.19e-04	0.0	2.09e-04
315	51	-0.13	-0.30	-0.08	5.08e-04	0.0	-2.38e-04
315	56	-0.06	-0.47	-0.09	8.24e-04	0.0	-3.60e-04
316	2	-3.57e-03	-0.49	-0.13	8.21e-05	0.0	7.75e-06
316	3	-4.20e-03	-9.83e-03	-0.06	1.99e-05	0.0	1.69e-06
316	17	0.12	-0.31	-0.11	1.80e-05	0.0	5.60e-05
316	19	-0.15	-0.35	-0.09	1.06e-05	0.0	-2.01e-04
316	24	-0.07	-0.58	-0.09	2.30e-04	0.0	-3.11e-04
316	49	0.13	-0.30	-0.11	1.41e-05	0.0	6.07e-05
316	51	-0.16	-0.35	-0.09	6.15e-06	0.0	-2.20e-04
316	56	-0.07	-0.60	-0.09	2.44e-04	0.0	-3.41e-04
317	2	-2.81e-03	-0.49	-0.13	1.72e-05	0.0	-4.01e-06
317	3	-3.35e-03	-9.15e-03	-0.06	2.19e-05	0.0	1.93e-06
317	17	0.12	-0.31	-0.11	-3.25e-05	0.0	4.74e-05
317	19	-0.14	-0.35	-0.09	-4.05e-05	0.0	-2.11e-04
317	24	-0.07	-0.58	-0.09	1.82e-04	0.0	-3.22e-04
317	49	0.13	-0.30	-0.11	-3.64e-05	0.0	5.22e-05
317	51	-0.16	-0.35	-0.09	-4.50e-05	0.0	-2.30e-04
317	56	-0.07	-0.59	-0.09	1.96e-04	0.0	-3.52e-04
318	2	-2.18e-03	-0.49	-0.12	0.0	0.0	-2.00e-05
318	3	-2.71e-03	-8.41e-03	-0.06	2.36e-05	0.0	2.09e-06
318	17	0.12	-0.31	-0.11	-4.71e-05	0.0	3.57e-05
318	19	-0.14	-0.36	-0.09	-5.55e-05	0.0	-2.23e-04
318	24	-0.07	-0.57	-0.09	1.76e-04	0.0	-3.36e-04
318	49	0.13	-0.30	-0.11	-5.12e-05	0.0	4.05e-05
318	51	-0.15	-0.35	-0.09	-6.02e-05	0.0	-2.43e-04
318	56	-0.07	-0.59	-0.09	1.91e-04	0.0	-3.66e-04
319	2	-4.16e-04	-0.44	-0.12	6.42e-04	0.0	-4.66e-05
319	3	-7.90e-04	-3.22e-03	-0.06	2.74e-05	0.0	0.0
319	17	0.11	-0.28	-0.10	4.15e-04	0.0	1.59e-05
319	19	-0.13	-0.33	-0.09	4.36e-04	0.0	-2.43e-04
319	24	-0.06	-0.49	-0.09	7.44e-04	0.0	-3.58e-04
319	49	0.12	-0.28	-0.10	4.08e-04	0.0	2.07e-05
319	51	-0.14	-0.33	-0.08	4.30e-04	0.0	-2.63e-04
319	56	-0.06	-0.51	-0.09	7.67e-04	0.0	-3.89e-04
320	2	-7.10e-04	-0.39	-0.12	7.12e-04	0.0	-1.74e-05
320	3	-1.02e-03	-1.49e-03	-0.05	2.55e-05	0.0	0.0
320	17	0.10	-0.25	-0.10	4.73e-04	0.0	3.76e-05
320	19	-0.12	-0.30	-0.09	4.94e-04	0.0	-2.18e-04
320	24	-0.06	-0.44	-0.09	7.85e-04	0.0	-3.32e-04
320	49	0.11	-0.25	-0.10	4.66e-04	0.0	4.24e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
320	51	-0.13	-0.29	-0.08	4.90e-04	0.0	-2.37e-04
320	56	-0.06	-0.46	-0.09	8.07e-04	0.0	-3.61e-04
321	2	-1.68e-03	-0.49	-0.12	3.07e-05	0.0	-3.63e-05
321	3	-2.19e-03	-7.62e-03	-0.06	2.51e-05	0.0	2.17e-06
321	17	0.11	-0.31	-0.11	-2.66e-05	0.0	2.37e-05
321	19	-0.14	-0.36	-0.09	-3.50e-05	0.0	-2.37e-04
321	24	-0.06	-0.57	-0.09	2.10e-04	0.0	-3.51e-04
321	49	0.13	-0.30	-0.11	-3.09e-05	0.0	2.86e-05
321	51	-0.15	-0.36	-0.09	-4.00e-05	0.0	-2.56e-04
321	56	-0.07	-0.58	-0.09	2.26e-04	0.0	-3.81e-04
322	2	-6.71e-04	-0.47	-0.12	3.65e-04	0.0	-6.15e-05
322	3	-1.12e-03	-5.02e-03	-0.06	2.76e-05	0.0	1.73e-06
322	17	0.11	-0.30	-0.10	2.10e-04	0.0	4.96e-06
322	19	-0.13	-0.35	-0.09	2.23e-04	0.0	-2.56e-04
322	24	-0.06	-0.53	-0.09	5.10e-04	0.0	-3.72e-04
322	49	0.12	-0.30	-0.11	2.03e-04	0.0	9.87e-06
322	51	-0.14	-0.35	-0.09	2.18e-04	0.0	-2.76e-04
322	56	-0.07	-0.55	-0.09	5.31e-04	0.0	-4.03e-04
323	2	1.39e-03	-0.35	-0.07	2.25e-04	-6.81e-06	4.16e-06
323	3	2.87e-03	1.07e-03	-0.06	-2.05e-05	-1.62e-05	-2.95e-06
323	17	0.13	-0.26	-0.06	1.32e-04	4.22e-05	5.21e-05
323	27	-0.07	-0.17	-0.09	0.0	-3.39e-05	1.94e-04
323	30	-3.48e-03	-0.41	-0.02	3.40e-04	2.12e-05	3.43e-04
323	49	0.14	-0.26	-0.06	1.29e-04	4.64e-05	5.67e-05
323	59	-0.07	-0.17	-0.10	-1.46e-05	-3.65e-05	2.12e-04
323	62	-3.91e-03	-0.43	-0.02	3.55e-04	2.36e-05	3.74e-04
324	1	1.31e-03	-0.37	-0.07	2.09e-04	0.0	-6.00e-06
324	2	1.31e-03	-0.37	-0.07	2.09e-04	0.0	-5.85e-06
324	3	2.37e-03	5.09e-03	-0.06	-8.06e-05	0.0	-2.06e-05
324	17	0.14	-0.27	-0.06	9.80e-05	0.0	4.46e-05
324	27	-0.07	-0.18	-0.09	-3.41e-05	0.0	1.87e-04
324	30	-2.47e-03	-0.44	-0.02	3.57e-04	0.0	3.36e-04
324	49	0.15	-0.26	-0.06	9.24e-05	0.0	4.92e-05
324	59	-0.07	-0.17	-0.10	-5.18e-05	0.0	2.05e-04
324	62	-2.80e-03	-0.45	-0.02	3.75e-04	0.0	3.68e-04
325	1	1.38e-03	-0.38	-0.07	2.45e-04	0.0	-2.92e-05
325	2	1.38e-03	-0.38	-0.07	2.45e-04	0.0	-2.89e-05
325	3	2.05e-03	0.01	-0.06	-6.32e-05	0.0	-5.03e-05
325	17	0.14	-0.27	-0.06	1.21e-04	0.0	2.79e-05
325	27	-0.07	-0.17	-0.09	-1.84e-05	0.0	1.70e-04
325	30	-1.40e-03	-0.46	-0.02	3.91e-04	0.0	3.19e-04
325	49	0.15	-0.27	-0.06	1.15e-04	0.0	3.26e-05
325	59	-0.07	-0.16	-0.10	-3.72e-05	0.0	1.89e-04
325	62	-1.64e-03	-0.47	-0.02	4.10e-04	0.0	3.51e-04
326	1	1.34e-03	-0.40	-0.07	3.13e-04	0.0	-4.61e-05
326	2	1.34e-03	-0.40	-0.07	3.14e-04	0.0	-4.56e-05
326	3	1.59e-03	0.01	-0.06	2.34e-06	0.0	-6.72e-05
326	17	0.14	-0.28	-0.06	1.74e-04	0.0	1.62e-05
326	27	-0.07	-0.18	-0.09	3.21e-05	0.0	1.60e-04
326	30	-4.56e-04	-0.49	-0.02	4.44e-04	0.0	3.05e-04
326	49	0.16	-0.28	-0.05	1.68e-04	0.0	2.11e-05
326	59	-0.08	-0.16	-0.10	1.31e-05	0.0	1.78e-04
326	62	-5.97e-04	-0.50	-0.02	4.63e-04	0.0	3.37e-04
327	2	1.14e-03	-0.42	-0.07	3.86e-04	0.0	-4.83e-05
327	17	0.15	-0.30	-0.05	2.42e-04	0.0	1.49e-05
327	27	-0.07	-0.18	-0.09	9.04e-05	0.0	1.60e-04
327	30	3.34e-04	-0.52	-0.02	5.00e-04	0.0	3.02e-04
327	49	0.16	-0.30	-0.05	2.37e-04	0.0	1.97e-05
327	59	-0.08	-0.17	-0.10	7.17e-05	0.0	1.79e-04
327	62	2.83e-04	-0.53	-0.02	5.18e-04	0.0	3.34e-04
328	2	9.90e-04	-0.43	-0.07	4.15e-04	0.0	-4.43e-05
328	17	0.15	-0.31	-0.05	2.66e-04	0.0	1.81e-05
328	27	-0.07	-0.18	-0.09	1.17e-04	0.0	1.64e-04
328	30	6.93e-04	-0.53	-0.02	5.16e-04	0.0	3.04e-04
328	49	0.16	-0.30	-0.05	2.62e-04	0.0	2.30e-05
328	59	-0.08	-0.17	-0.10	9.92e-05	0.0	1.83e-04
328	62	6.87e-04	-0.55	-0.02	5.34e-04	0.0	3.36e-04
329	2	8.46e-04	-0.45	-0.07	4.35e-04	0.0	-3.76e-05
329	17	0.15	-0.31	-0.05	2.84e-04	0.0	2.32e-05
329	27	-0.07	-0.19	-0.09	1.38e-04	0.0	1.70e-04
329	30	1.06e-03	-0.55	-0.02	5.25e-04	0.0	3.09e-04
329	49	0.16	-0.31	-0.05	2.79e-04	0.0	2.81e-05
329	59	-0.08	-0.17	-0.10	1.21e-04	0.0	1.89e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
329	62	1.10e-03	-0.57	-0.02	5.42e-04	0.0	3.41e-04
330	2	7.43e-04	-0.46	-0.07	4.43e-04	0.0	-2.94e-05
330	17	0.15	-0.32	-0.05	2.92e-04	0.0	2.94e-05
330	27	-0.07	-0.19	-0.09	1.51e-04	0.0	1.77e-04
330	30	1.46e-03	-0.56	-0.02	5.24e-04	0.0	3.16e-04
330	49	0.17	-0.32	-0.05	2.88e-04	0.0	3.42e-05
330	59	-0.08	-0.18	-0.10	1.34e-04	0.0	1.96e-04
330	62	1.54e-03	-0.58	-0.02	5.40e-04	0.0	3.47e-04
331	2	7.20e-04	-0.48	-0.07	4.37e-04	0.0	-2.18e-05
331	3	-8.42e-04	-6.30e-03	-0.06	1.30e-04	0.0	-1.43e-05
331	17	0.15	-0.33	-0.05	2.90e-04	0.0	3.50e-05
331	27	-0.07	-0.20	-0.09	1.54e-04	0.0	1.83e-04
331	30	1.93e-03	-0.58	-0.02	5.11e-04	0.0	3.22e-04
331	49	0.17	-0.33	-0.05	2.85e-04	0.0	3.99e-05
331	59	-0.08	-0.18	-0.10	1.38e-04	0.0	2.01e-04
331	62	2.06e-03	-0.60	-0.02	5.27e-04	0.0	3.53e-04
332	2	-1.21e-03	-0.49	-0.07	3.98e-04	-2.06e-06	-8.80e-06
332	3	-2.56e-03	-0.01	-0.06	8.28e-05	-8.09e-06	-3.32e-06
332	20	-0.16	-0.42	-0.05	3.49e-04	-5.03e-05	-5.81e-05
332	27	-0.08	-0.21	-0.09	1.36e-04	-3.00e-05	1.92e-04
332	30	6.42e-04	-0.57	-0.02	4.69e-04	2.50e-05	3.34e-04
332	52	-0.17	-0.43	-0.05	3.53e-04	-5.46e-05	-6.29e-05
332	59	-0.08	-0.19	-0.09	1.21e-04	-3.25e-05	2.11e-04
332	62	7.90e-04	-0.59	-0.02	4.84e-04	2.73e-05	3.66e-04
333	2	6.41e-04	-0.35	-0.07	2.11e-04	-5.52e-06	1.50e-06
333	3	1.44e-03	8.86e-04	-0.06	-2.70e-05	-1.14e-05	-2.12e-06
333	17	0.13	-0.25	-0.06	1.20e-04	4.27e-05	5.02e-05
333	27	-0.07	-0.18	-0.09	-4.28e-06	-3.15e-05	1.93e-04
333	30	-3.76e-03	-0.38	-0.03	3.25e-04	2.13e-05	3.39e-04
333	49	0.14	-0.25	-0.06	1.16e-04	4.68e-05	5.48e-05
333	59	-0.07	-0.17	-0.09	-1.93e-05	-3.40e-05	2.11e-04
333	62	-4.17e-03	-0.40	-0.02	3.39e-04	2.36e-05	3.71e-04
334	1	3.14e-04	-0.37	-0.07	2.38e-04	0.0	-4.31e-06
334	2	3.17e-04	-0.37	-0.07	2.38e-04	0.0	-4.26e-06
334	3	8.31e-04	3.26e-03	-0.06	-3.99e-05	0.0	-1.10e-05
334	17	0.13	-0.26	-0.06	1.29e-04	0.0	4.57e-05
334	27	-0.07	-0.18	-0.09	-1.79e-05	0.0	1.89e-04
334	30	-3.08e-03	-0.41	-0.03	3.80e-04	0.0	3.36e-04
334	49	0.15	-0.26	-0.06	1.24e-04	0.0	5.03e-05
334	59	-0.07	-0.17	-0.09	-3.61e-05	0.0	2.07e-04
334	62	-3.39e-03	-0.42	-0.02	3.98e-04	0.0	3.68e-04
335	1	3.56e-05	-0.38	-0.07	2.78e-04	0.0	-1.72e-05
335	2	4.20e-05	-0.38	-0.07	2.78e-04	0.0	-1.70e-05
335	3	2.86e-04	5.58e-03	-0.06	-2.48e-05	0.0	-2.75e-05
335	17	0.14	-0.27	-0.06	1.46e-04	0.0	3.66e-05
335	27	-0.07	-0.18	-0.09	0.0	0.0	1.81e-04
335	30	-2.38e-03	-0.43	-0.03	4.20e-04	0.0	3.28e-04
335	49	0.15	-0.27	-0.06	1.39e-04	0.0	4.12e-05
335	59	-0.08	-0.17	-0.09	-1.96e-05	0.0	2.00e-04
335	62	-2.60e-03	-0.45	-0.02	4.39e-04	0.0	3.60e-04
336	1	-2.51e-04	-0.40	-0.07	3.29e-04	0.0	-2.72e-05
336	2	-2.41e-04	-0.40	-0.07	3.29e-04	0.0	-2.70e-05
336	3	-2.73e-04	6.06e-03	-0.06	1.38e-05	0.0	-3.83e-05
336	20	-0.14	-0.34	-0.05	3.22e-04	0.0	-7.14e-05
336	27	-0.07	-0.18	-0.09	3.65e-05	0.0	1.76e-04
336	30	-1.70e-03	-0.46	-0.03	4.61e-04	0.0	3.22e-04
336	52	-0.16	-0.34	-0.05	3.28e-04	0.0	-7.62e-05
336	59	-0.08	-0.17	-0.09	1.69e-05	0.0	1.94e-04
336	62	-1.84e-03	-0.48	-0.02	4.80e-04	0.0	3.54e-04
337	1	-5.68e-04	-0.43	-0.07	3.78e-04	0.0	-2.88e-05
337	2	-5.54e-04	-0.43	-0.07	3.79e-04	0.0	-2.86e-05
337	3	-8.93e-04	3.66e-03	-0.06	5.89e-05	0.0	-3.69e-05
337	20	-0.15	-0.36	-0.05	3.58e-04	0.0	-7.32e-05
337	27	-0.07	-0.18	-0.09	8.18e-05	0.0	1.76e-04
337	30	-1.07e-03	-0.49	-0.03	4.99e-04	0.0	3.21e-04
337	52	-0.16	-0.37	-0.05	3.64e-04	0.0	-7.80e-05
337	59	-0.08	-0.17	-0.09	6.29e-05	0.0	1.94e-04
337	62	-1.13e-03	-0.51	-0.02	5.17e-04	0.0	3.53e-04
338	1	-7.30e-04	-0.44	-0.07	3.97e-04	0.0	-2.62e-05
338	2	-7.14e-04	-0.44	-0.07	3.98e-04	0.0	-2.61e-05
338	3	-1.22e-03	1.41e-03	-0.06	7.75e-05	0.0	-3.18e-05
338	20	-0.15	-0.37	-0.05	3.60e-04	0.0	-7.14e-05
338	27	-0.07	-0.19	-0.09	9.99e-05	0.0	1.78e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
338	30	-7.57e-04	-0.51	-0.03	5.07e-04	0.0	3.23e-04
338	52	-0.16	-0.38	-0.05	3.65e-04	0.0	-7.63e-05
338	59	-0.08	-0.17	-0.09	8.14e-05	0.0	1.97e-04
338	62	-7.76e-04	-0.52	-0.02	5.25e-04	0.0	3.55e-04
339	2	-8.67e-04	-0.45	-0.07	4.12e-04	0.0	-2.19e-05
339	3	-1.56e-03	-1.36e-03	-0.06	9.04e-05	0.0	-2.45e-05
339	20	-0.15	-0.39	-0.05	3.68e-04	0.0	-6.83e-05
339	27	-0.07	-0.19	-0.09	1.18e-04	0.0	1.82e-04
339	30	-4.42e-04	-0.52	-0.02	5.09e-04	0.0	3.25e-04
339	52	-0.16	-0.39	-0.05	3.73e-04	0.0	-7.31e-05
339	59	-0.08	-0.18	-0.09	9.98e-05	0.0	2.00e-04
339	62	-4.20e-04	-0.54	-0.02	5.26e-04	0.0	3.58e-04
340	2	-1.00e-03	-0.46	-0.07	4.17e-04	0.0	-1.68e-05
340	3	-1.89e-03	-4.44e-03	-0.06	9.61e-05	0.0	-1.61e-05
340	20	-0.15	-0.40	-0.05	3.70e-04	0.0	-6.43e-05
340	27	-0.07	-0.20	-0.09	1.31e-04	0.0	1.86e-04
340	30	-1.12e-04	-0.54	-0.02	5.05e-04	0.0	3.29e-04
340	52	-0.17	-0.40	-0.05	3.74e-04	0.0	-6.91e-05
340	59	-0.08	-0.18	-0.09	1.14e-04	0.0	2.05e-04
340	62	-4.91e-05	-0.56	-0.02	5.21e-04	0.0	3.61e-04
341	2	-1.11e-03	-0.48	-0.07	4.15e-04	0.0	-1.16e-05
341	3	-2.22e-03	-7.59e-03	-0.06	9.42e-05	0.0	-7.83e-06
341	20	-0.15	-0.41	-0.05	3.65e-04	0.0	-6.03e-05
341	27	-0.08	-0.20	-0.09	1.38e-04	0.0	1.90e-04
341	30	2.39e-04	-0.56	-0.02	4.93e-04	0.0	3.32e-04
341	52	-0.17	-0.41	-0.05	3.69e-04	0.0	-6.51e-05
341	59	-0.08	-0.18	-0.09	1.21e-04	0.0	2.09e-04
341	62	3.43e-04	-0.57	-0.02	5.09e-04	0.0	3.64e-04
342	2	-1.80e-03	-0.49	-0.11	2.41e-04	-6.21e-06	0.0
342	3	-2.73e-03	-0.01	-0.06	4.44e-06	-1.37e-05	0.0
342	20	-0.15	-0.42	-0.08	2.23e-04	-5.39e-05	0.0
342	27	-0.06	-0.21	-0.10	3.86e-05	-3.51e-05	0.0
342	30	7.91e-03	-0.57	-0.07	3.23e-04	2.31e-05	0.0
342	52	-0.16	-0.43	-0.08	2.27e-04	-5.82e-05	0.0
342	59	-0.07	-0.19	-0.10	2.55e-05	-3.79e-05	0.0
342	62	8.78e-03	-0.59	-0.06	3.35e-04	2.56e-05	0.0
343	2	-3.47e-03	-0.49	-0.11	2.43e-04	1.13e-05	0.0
343	3	-4.09e-03	-0.01	-0.06	2.45e-06	-5.33e-06	0.0
343	20	-0.15	-0.44	-0.08	2.26e-04	-4.10e-05	0.0
343	21	0.01	-0.19	-0.10	3.99e-05	9.93e-06	0.0
343	24	-0.02	-0.56	-0.07	3.34e-04	7.01e-06	0.0
343	52	-0.16	-0.44	-0.08	2.29e-04	-4.54e-05	0.0
343	53	0.01	-0.18	-0.10	2.67e-05	9.97e-06	0.0
343	56	-0.02	-0.58	-0.07	3.47e-04	6.97e-06	0.0
344	2	-3.94e-03	-0.46	-0.07	4.13e-04	0.0	1.63e-05
344	3	-4.21e-03	-4.61e-03	-0.05	8.66e-05	0.0	1.43e-05
344	20	-0.15	-0.42	-0.04	3.67e-04	0.0	-3.79e-05
344	24	-8.81e-03	-0.54	-0.02	5.03e-04	0.0	-3.06e-04
344	25	7.49e-03	-0.18	-0.09	1.29e-04	0.0	2.86e-04
344	52	-0.17	-0.42	-0.04	3.72e-04	0.0	-4.26e-05
344	56	-9.36e-03	-0.56	-0.02	5.20e-04	0.0	-3.36e-04
344	57	8.47e-03	-0.16	-0.09	1.12e-04	0.0	3.12e-04
345	1	-2.37e-03	-0.38	-0.07	2.73e-04	0.0	2.31e-05
345	2	-2.36e-03	-0.38	-0.07	2.73e-04	0.0	2.30e-05
345	3	-2.93e-03	6.16e-03	-0.05	-2.96e-05	0.0	3.28e-05
345	20	-0.14	-0.34	-0.04	2.65e-04	0.0	-3.26e-05
345	24	-4.43e-03	-0.44	-0.02	4.24e-04	0.0	-3.00e-04
345	25	4.75e-03	-0.16	-0.09	-5.51e-06	0.0	2.91e-04
345	52	-0.15	-0.35	-0.04	2.70e-04	0.0	-3.74e-05
345	56	-4.67e-03	-0.45	-0.02	4.43e-04	0.0	-3.29e-04
345	57	5.36e-03	-0.14	-0.09	-2.51e-05	0.0	3.17e-04
346	2	-4.28e-03	-0.48	-0.07	4.12e-04	0.0	1.25e-05
346	3	-4.51e-03	-7.44e-03	-0.05	8.47e-05	0.0	9.29e-06
346	20	-0.16	-0.43	-0.04	3.64e-04	0.0	-4.07e-05
346	24	-9.51e-03	-0.55	-0.02	4.94e-04	0.0	-3.09e-04
346	25	7.76e-03	-0.18	-0.09	1.37e-04	0.0	2.83e-04
346	52	-0.17	-0.43	-0.04	3.68e-04	0.0	-4.55e-05
346	56	-0.01	-0.57	-0.02	5.10e-04	0.0	-3.39e-04
346	57	8.80e-03	-0.17	-0.09	1.21e-04	0.0	3.09e-04
347	2	-3.62e-03	-0.45	-0.07	4.07e-04	0.0	1.98e-05
347	3	-3.93e-03	-1.82e-03	-0.05	8.18e-05	0.0	1.95e-05
347	20	-0.15	-0.40	-0.04	3.65e-04	0.0	-3.52e-05
347	24	-8.13e-03	-0.52	-0.02	5.14e-04	0.0	-3.04e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
347	25	7.19e-03	-0.18	-0.09	1.16e-04	0.0	2.89e-04
347	52	-0.17	-0.41	-0.04	3.70e-04	0.0	-4.00e-05
347	56	-8.63e-03	-0.54	-0.02	5.32e-04	0.0	-3.34e-04
347	57	8.12e-03	-0.16	-0.09	9.86e-05	0.0	3.15e-04
348	1	-1.67e-03	-0.37	-0.07	2.34e-04	0.0	7.45e-06
348	2	-1.67e-03	-0.37	-0.07	2.34e-04	0.0	7.44e-06
348	3	-2.30e-03	3.50e-03	-0.05	-4.46e-05	0.0	1.32e-05
348	20	-0.14	-0.33	-0.04	2.44e-04	0.0	-4.43e-05
348	24	-2.92e-03	-0.41	-0.02	3.86e-04	0.0	-3.10e-04
348	25	4.07e-03	-0.16	-0.09	-2.49e-05	0.0	2.78e-04
348	52	-0.15	-0.33	-0.04	2.49e-04	0.0	-4.90e-05
348	56	-3.07e-03	-0.42	-0.02	4.05e-04	0.0	-3.40e-04
348	57	4.57e-03	-0.14	-0.09	-4.35e-05	0.0	3.03e-04
349	1	-4.05e-03	-0.44	-0.07	3.98e-04	0.0	3.46e-05
349	2	-4.03e-03	-0.44	-0.07	3.99e-04	0.0	3.45e-05
349	3	-4.33e-03	2.25e-03	-0.05	7.89e-05	0.0	3.88e-05
349	20	-0.15	-0.39	-0.04	3.71e-04	0.0	-2.39e-05
349	24	-8.08e-03	-0.51	-0.02	5.15e-04	0.0	-2.92e-04
349	25	6.40e-03	-0.16	-0.09	1.00e-04	0.0	3.00e-04
349	52	-0.16	-0.40	-0.04	3.77e-04	0.0	-2.87e-05
349	56	-8.54e-03	-0.53	-0.02	5.34e-04	0.0	-3.21e-04
349	57	7.29e-03	-0.15	-0.09	8.17e-05	0.0	3.26e-04
350	1	-3.07e-03	-0.40	-0.07	3.26e-04	0.0	3.52e-05
350	2	-3.05e-03	-0.40	-0.07	3.26e-04	0.0	3.50e-05
350	3	-3.54e-03	6.88e-03	-0.05	1.15e-05	0.0	4.55e-05
350	20	-0.14	-0.36	-0.04	3.07e-04	0.0	-2.37e-05
350	24	-5.92e-03	-0.47	-0.02	4.66e-04	0.0	-2.91e-04
350	25	5.41e-03	-0.16	-0.09	3.34e-05	0.0	3.01e-04
350	52	-0.16	-0.37	-0.04	3.12e-04	0.0	-2.84e-05
350	56	-6.25e-03	-0.48	-0.02	4.86e-04	0.0	-3.21e-04
350	57	6.13e-03	-0.14	-0.09	1.37e-05	0.0	3.26e-04
351	1	-3.72e-03	-0.42	-0.07	3.78e-04	0.0	3.74e-05
351	2	-3.70e-03	-0.42	-0.07	3.78e-04	0.0	3.72e-05
351	3	-4.08e-03	4.54e-03	-0.05	5.95e-05	0.0	4.44e-05
351	20	-0.15	-0.38	-0.04	3.46e-04	0.0	-2.19e-05
351	24	-7.36e-03	-0.50	-0.02	5.06e-04	0.0	-2.90e-04
351	25	6.07e-03	-0.16	-0.09	8.13e-05	0.0	3.02e-04
351	52	-0.16	-0.39	-0.04	3.51e-04	0.0	-2.67e-05
351	56	-7.78e-03	-0.51	-0.02	5.25e-04	0.0	-3.19e-04
351	57	6.91e-03	-0.14	-0.09	6.24e-05	0.0	3.28e-04
352	1	-5.64e-03	-0.49	-0.07	4.05e-04	-1.34e-05	1.47e-05
352	2	-5.61e-03	-0.49	-0.07	4.09e-04	-1.33e-05	1.47e-05
352	20	-0.16	-0.44	-0.04	3.59e-04	-6.73e-05	-3.87e-05
352	24	-0.01	-0.58	-0.02	4.83e-04	-3.54e-05	-3.06e-04
352	25	7.51e-03	-0.18	-0.09	1.42e-04	1.72e-05	2.84e-04
352	52	-0.17	-0.45	-0.04	3.63e-04	-7.23e-05	-4.34e-05
352	56	-0.01	-0.60	-0.02	4.99e-04	-3.76e-05	-3.36e-04
352	57	8.62e-03	-0.16	-0.09	1.27e-04	1.97e-05	3.10e-04
353	1	-1.07e-03	-0.35	-0.07	2.09e-04	-7.38e-06	0.0
353	2	-1.06e-03	-0.35	-0.07	2.09e-04	-7.36e-06	0.0
353	3	-1.76e-03	8.95e-04	-0.05	-2.96e-05	-3.62e-06	2.64e-06
353	20	-0.13	-0.31	-0.04	2.15e-04	-6.05e-05	-4.98e-05
353	24	-1.47e-03	-0.39	-0.02	3.33e-04	-2.99e-05	-3.14e-04
353	25	3.31e-03	-0.16	-0.09	-1.05e-05	2.08e-05	2.71e-04
353	52	-0.14	-0.31	-0.04	2.20e-04	-6.54e-05	-5.45e-05
353	56	-1.53e-03	-0.40	-0.02	3.49e-04	-3.20e-05	-3.43e-04
353	57	3.69e-03	-0.15	-0.09	-2.59e-05	2.32e-05	2.96e-04
354	2	-4.68e-03	-0.49	-0.07	4.03e-04	-9.65e-06	1.03e-05
354	3	-4.86e-03	-0.01	-0.05	7.59e-05	-8.92e-06	6.64e-06
354	20	-0.16	-0.44	-0.04	3.55e-04	-6.41e-05	-4.24e-05
354	24	-0.01	-0.57	-0.02	4.78e-04	-3.23e-05	-3.10e-04
354	25	8.03e-03	-0.19	-0.09	1.39e-04	1.98e-05	2.82e-04
354	52	-0.17	-0.45	-0.04	3.59e-04	-6.92e-05	-4.71e-05
354	56	-0.01	-0.59	-0.02	4.93e-04	-3.45e-05	-3.40e-04
354	57	9.12e-03	-0.17	-0.09	1.23e-04	2.22e-05	3.07e-04
355	1	-4.78e-03	-0.43	-0.07	4.05e-04	0.0	4.40e-05
355	2	-4.75e-03	-0.43	-0.07	4.06e-04	0.0	4.36e-05
355	3	-5.02e-03	4.50e-03	-0.05	9.15e-05	0.0	5.11e-05
355	20	-0.15	-0.40	-0.04	3.76e-04	0.0	-1.68e-05
355	24	-8.70e-03	-0.52	-0.02	5.19e-04	0.0	-2.83e-04
355	25	5.91e-03	-0.15	-0.09	1.07e-04	0.0	3.06e-04
355	52	-0.16	-0.40	-0.04	3.82e-04	0.0	-2.15e-05
355	56	-9.18e-03	-0.54	-0.02	5.37e-04	0.0	-3.13e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
355	57	6.81e-03	-0.14	-0.09	8.85e-05	0.0	3.32e-04
356	1	-3.33e-03	-0.44	-0.07	3.93e-04	0.0	2.26e-05
356	2	-3.31e-03	-0.44	-0.07	3.95e-04	0.0	2.25e-05
356	3	-3.65e-03	6.97e-04	-0.05	7.08e-05	0.0	2.40e-05
356	20	-0.15	-0.39	-0.04	3.57e-04	0.0	-3.32e-05
356	24	-7.46e-03	-0.51	-0.02	5.12e-04	0.0	-3.02e-04
356	25	6.87e-03	-0.17	-0.09	9.91e-05	0.0	2.92e-04
356	52	-0.16	-0.40	-0.04	3.62e-04	0.0	-3.79e-05
356	56	-7.92e-03	-0.52	-0.02	5.31e-04	0.0	-3.32e-04
356	57	7.76e-03	-0.16	-0.09	8.07e-05	0.0	3.17e-04
357	1	-6.52e-03	-0.49	-0.07	4.10e-04	-1.70e-05	1.83e-05
357	2	-6.49e-03	-0.49	-0.07	4.14e-04	-1.69e-05	1.83e-05
357	20	-0.16	-0.45	-0.04	3.64e-04	-7.04e-05	-3.56e-05
357	24	-0.01	-0.59	-0.02	4.88e-04	-3.86e-05	-3.02e-04
357	25	7.03e-03	-0.17	-0.09	1.46e-04	1.50e-05	2.86e-04
357	52	-0.17	-0.46	-0.04	3.68e-04	-7.55e-05	-4.03e-05
357	56	-0.01	-0.61	-0.02	5.04e-04	-4.09e-05	-3.32e-04
357	57	8.16e-03	-0.15	-0.09	1.30e-04	1.75e-05	3.11e-04
358	1	-4.44e-03	-0.42	-0.07	3.81e-04	0.0	4.78e-05
358	2	-4.41e-03	-0.42	-0.07	3.81e-04	0.0	4.75e-05
358	3	-4.82e-03	7.13e-03	-0.05	6.70e-05	0.0	5.90e-05
358	20	-0.15	-0.39	-0.04	3.48e-04	0.0	-1.41e-05
358	24	-7.96e-03	-0.51	-0.02	5.06e-04	0.0	-2.81e-04
358	25	5.57e-03	-0.15	-0.09	8.53e-05	0.0	3.09e-04
358	52	-0.16	-0.39	-0.04	3.53e-04	0.0	-1.88e-05
358	56	-8.38e-03	-0.52	-0.02	5.25e-04	0.0	-3.10e-04
358	57	6.42e-03	-0.13	-0.09	6.66e-05	0.0	3.35e-04
359	1	-1.39e-03	-0.35	-0.07	2.14e-04	-6.94e-06	0.0
359	2	-1.38e-03	-0.35	-0.07	2.13e-04	-6.92e-06	0.0
359	3	-2.41e-03	9.76e-04	-0.05	-2.74e-05	-1.27e-06	3.47e-06
359	20	-0.13	-0.32	-0.04	2.21e-04	-6.04e-05	-5.09e-05
359	24	-1.56e-03	-0.40	-0.02	3.39e-04	-2.99e-05	-3.16e-04
359	25	2.90e-03	-0.15	-0.09	-9.67e-06	2.15e-05	2.71e-04
359	52	-0.14	-0.32	-0.04	2.26e-04	-6.52e-05	-5.56e-05
359	56	-1.60e-03	-0.41	-0.02	3.55e-04	-3.21e-05	-3.45e-04
359	57	3.27e-03	-0.14	-0.09	-2.53e-05	2.40e-05	2.96e-04
360	1	-7.15e-04	-0.35	-0.07	2.07e-04	-7.50e-06	0.0
360	2	-7.13e-04	-0.35	-0.07	2.07e-04	-7.48e-06	0.0
360	3	-1.07e-03	8.44e-04	-0.05	-3.00e-05	-5.96e-06	1.61e-06
360	20	-0.13	-0.31	-0.04	2.12e-04	-6.06e-05	-4.90e-05
360	24	-1.37e-03	-0.38	-0.02	3.30e-04	-2.98e-05	-3.12e-04
360	25	3.74e-03	-0.17	-0.09	-9.99e-06	2.06e-05	2.70e-04
360	52	-0.14	-0.31	-0.04	2.17e-04	-6.55e-05	-5.37e-05
360	56	-1.44e-03	-0.39	-0.02	3.45e-04	-3.20e-05	-3.42e-04
360	57	4.14e-03	-0.16	-0.09	-2.52e-05	2.30e-05	2.96e-04
361	1	-1.84e-03	-0.38	-0.07	2.83e-04	0.0	1.50e-05
361	2	-1.83e-03	-0.38	-0.07	2.82e-04	0.0	1.50e-05
361	3	-2.22e-03	4.87e-03	-0.06	-1.87e-05	0.0	1.96e-05
361	20	-0.14	-0.34	-0.04	2.74e-04	0.0	-3.86e-05
361	24	-4.06e-03	-0.43	-0.02	4.32e-04	0.0	-3.06e-04
361	25	5.19e-03	-0.16	-0.09	0.0	0.0	2.84e-04
361	52	-0.15	-0.34	-0.04	2.79e-04	0.0	-4.33e-05
361	56	-4.31e-03	-0.44	-0.02	4.52e-04	0.0	-3.35e-04
361	57	5.81e-03	-0.15	-0.09	-1.90e-05	0.0	3.10e-04
362	1	-3.73e-03	-0.40	-0.07	3.19e-04	0.0	4.53e-05
362	2	-3.71e-03	-0.40	-0.07	3.20e-04	0.0	4.49e-05
362	3	-4.31e-03	9.56e-03	-0.05	6.29e-06	0.0	6.13e-05
362	20	-0.14	-0.37	-0.04	3.01e-04	0.0	-1.62e-05
362	24	-6.43e-03	-0.48	-0.02	4.59e-04	0.0	-2.83e-04
362	25	4.91e-03	-0.15	-0.09	3.06e-05	0.0	3.08e-04
362	52	-0.16	-0.37	-0.04	3.06e-04	0.0	-2.10e-05
362	56	-6.77e-03	-0.49	-0.02	4.78e-04	0.0	-3.13e-04
362	57	5.64e-03	-0.13	-0.09	1.11e-05	0.0	3.34e-04
363	2	-4.11e-03	-0.49	-0.11	2.45e-04	-5.20e-06	0.0
363	3	-4.61e-03	-0.01	-0.06	0.0	-9.38e-06	0.0
363	20	-0.15	-0.44	-0.07	2.27e-04	-5.39e-05	0.0
363	24	-0.02	-0.57	-0.07	3.36e-04	-2.95e-05	0.0
363	25	0.02	-0.19	-0.10	3.90e-05	2.38e-05	0.0
363	52	-0.16	-0.45	-0.07	2.30e-04	-5.83e-05	0.0
363	56	-0.02	-0.59	-0.06	3.49e-04	-3.18e-05	0.0
363	57	0.02	-0.17	-0.10	2.56e-05	2.64e-05	0.0
364	1	-1.25e-03	-0.37	-0.07	2.42e-04	0.0	5.54e-06
364	2	-1.25e-03	-0.37	-0.07	2.42e-04	0.0	5.55e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
364	3	-1.62e-03	3.01e-03	-0.06	-3.38e-05	0.0	7.89e-06
364	20	-0.14	-0.32	-0.04	2.50e-04	0.0	-4.55e-05
364	24	-2.69e-03	-0.40	-0.02	3.92e-04	0.0	-3.11e-04
364	25	4.49e-03	-0.16	-0.09	-1.81e-05	0.0	2.75e-04
364	52	-0.15	-0.32	-0.04	2.56e-04	0.0	-5.02e-05
364	56	-2.85e-03	-0.41	-0.02	4.11e-04	0.0	-3.40e-04
364	57	5.00e-03	-0.15	-0.09	-3.67e-05	0.0	3.01e-04
365	1	-5.95e-03	-0.48	-0.07	4.26e-04	0.0	2.23e-05
365	2	-5.92e-03	-0.48	-0.07	4.28e-04	0.0	2.22e-05
365	20	-0.16	-0.44	-0.04	3.86e-04	0.0	-3.27e-05
365	24	-0.01	-0.57	-0.02	5.13e-04	0.0	-2.99e-04
365	25	6.81e-03	-0.17	-0.09	1.46e-04	0.0	2.89e-04
365	52	-0.17	-0.44	-0.04	3.91e-04	0.0	-3.74e-05
365	56	-0.01	-0.59	-0.02	5.30e-04	0.0	-3.29e-04
365	57	7.88e-03	-0.15	-0.09	1.30e-04	0.0	3.14e-04
366	1	-5.51e-03	-0.46	-0.07	4.29e-04	0.0	2.97e-05
366	2	-5.48e-03	-0.46	-0.07	4.31e-04	0.0	2.96e-05
366	20	-0.15	-0.42	-0.04	3.90e-04	0.0	-2.71e-05
366	24	-0.01	-0.56	-0.02	5.23e-04	0.0	-2.93e-04
366	25	6.55e-03	-0.16	-0.09	1.41e-04	0.0	2.95e-04
366	52	-0.17	-0.43	-0.04	3.96e-04	0.0	-3.18e-05
366	56	-0.01	-0.57	-0.02	5.40e-04	0.0	-3.23e-04
366	57	7.56e-03	-0.14	-0.09	1.23e-04	0.0	3.20e-04
367	2	-5.10e-03	-0.45	-0.07	4.23e-04	0.0	3.73e-05
367	3	-5.22e-03	1.18e-03	-0.05	1.08e-04	0.0	4.01e-05
367	20	-0.15	-0.41	-0.04	3.87e-04	0.0	-2.14e-05
367	24	-9.46e-03	-0.54	-0.02	5.25e-04	0.0	-2.88e-04
367	25	6.24e-03	-0.16	-0.09	1.27e-04	0.0	3.01e-04
367	52	-0.17	-0.42	-0.04	3.92e-04	0.0	-2.61e-05
367	56	-9.98e-03	-0.56	-0.02	5.43e-04	0.0	-3.17e-04
367	57	7.20e-03	-0.14	-0.09	1.09e-04	0.0	3.26e-04
368	1	-2.93e-03	-0.38	-0.07	2.60e-04	0.0	2.96e-05
368	2	-2.91e-03	-0.38	-0.07	2.60e-04	0.0	2.94e-05
368	3	-3.67e-03	8.09e-03	-0.05	-4.54e-05	0.0	4.48e-05
368	20	-0.14	-0.35	-0.04	2.54e-04	0.0	-2.81e-05
368	24	-4.82e-03	-0.45	-0.02	4.12e-04	0.0	-2.95e-04
368	25	4.29e-03	-0.15	-0.09	-1.42e-05	0.0	2.96e-04
368	52	-0.15	-0.35	-0.04	2.58e-04	0.0	-3.29e-05
368	56	-5.06e-03	-0.46	-0.02	4.31e-04	0.0	-3.25e-04
368	57	4.90e-03	-0.13	-0.09	-3.36e-05	0.0	3.22e-04
369	1	-2.09e-03	-0.36	-0.07	2.22e-04	0.0	8.64e-06
369	2	-2.08e-03	-0.36	-0.07	2.22e-04	0.0	8.57e-06
369	3	-2.96e-03	4.25e-03	-0.05	-6.10e-05	0.0	1.82e-05
369	20	-0.14	-0.33	-0.04	2.35e-04	0.0	-4.38e-05
369	24	-3.16e-03	-0.42	-0.02	3.77e-04	0.0	-3.10e-04
369	25	3.66e-03	-0.15	-0.09	-3.41e-05	0.0	2.79e-04
369	52	-0.15	-0.34	-0.04	2.40e-04	0.0	-4.85e-05
369	56	-3.30e-03	-0.44	-0.02	3.96e-04	0.0	-3.40e-04
369	57	4.15e-03	-0.13	-0.09	-5.27e-05	0.0	3.05e-04
370	1	-2.44e-03	-0.40	-0.07	3.31e-04	0.0	2.25e-05
370	2	-2.43e-03	-0.40	-0.07	3.31e-04	0.0	2.24e-05
370	3	-2.81e-03	5.07e-03	-0.06	1.54e-05	0.0	2.75e-05
370	20	-0.14	-0.36	-0.04	3.12e-04	0.0	-3.32e-05
370	24	-5.43e-03	-0.46	-0.02	4.71e-04	0.0	-3.01e-04
370	25	5.88e-03	-0.17	-0.09	3.57e-05	0.0	2.91e-04
370	52	-0.16	-0.36	-0.04	3.17e-04	0.0	-3.79e-05
370	56	-5.76e-03	-0.47	-0.02	4.91e-04	0.0	-3.31e-04
370	57	6.60e-03	-0.15	-0.09	1.59e-05	0.0	3.17e-04
371	1	-3.04e-03	-0.43	-0.07	3.76e-04	0.0	2.41e-05
371	2	-3.02e-03	-0.43	-0.07	3.77e-04	0.0	2.41e-05
371	3	-3.38e-03	2.77e-03	-0.05	5.47e-05	0.0	2.72e-05
371	20	-0.15	-0.38	-0.04	3.45e-04	0.0	-3.21e-05
371	24	-6.78e-03	-0.49	-0.02	5.06e-04	0.0	-3.01e-04
371	25	6.55e-03	-0.17	-0.09	7.88e-05	0.0	2.93e-04
371	52	-0.16	-0.38	-0.04	3.50e-04	0.0	-3.68e-05
371	56	-7.20e-03	-0.50	-0.02	5.25e-04	0.0	-3.31e-04
371	57	7.38e-03	-0.15	-0.09	5.98e-05	0.0	3.19e-04
372	1	-5.15e-03	-0.48	-0.07	4.16e-04	0.0	1.80e-05
372	2	-5.12e-03	-0.48	-0.07	4.19e-04	0.0	1.80e-05
372	20	-0.16	-0.43	-0.04	3.70e-04	0.0	-3.62e-05
372	24	-0.01	-0.56	-0.02	5.00e-04	0.0	-3.03e-04
372	25	7.27e-03	-0.18	-0.09	1.42e-04	0.0	2.87e-04
372	52	-0.17	-0.44	-0.04	3.74e-04	0.0	-4.09e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
372	56	-0.01	-0.58	-0.02	5.16e-04	0.0	-3.33e-04
372	57	8.32e-03	-0.16	-0.09	1.26e-04	0.0	3.12e-04
373	2	-4.72e-03	-0.46	-0.07	4.20e-04	0.0	2.39e-05
373	3	-4.83e-03	-3.72e-03	-0.05	9.74e-05	0.0	2.18e-05
373	20	-0.15	-0.42	-0.04	3.82e-04	0.0	-3.18e-05
373	24	-9.54e-03	-0.55	-0.02	5.15e-04	0.0	-2.99e-04
373	25	7.01e-03	-0.17	-0.09	1.32e-04	0.0	2.91e-04
373	52	-0.17	-0.43	-0.04	3.88e-04	0.0	-3.65e-05
373	56	-0.01	-0.57	-0.02	5.32e-04	0.0	-3.29e-04
373	57	8.01e-03	-0.15	-0.09	1.15e-04	0.0	3.17e-04
374	2	-4.36e-03	-0.45	-0.07	4.13e-04	0.0	2.98e-05
374	3	-4.57e-03	-5.82e-04	-0.05	9.21e-05	0.0	3.08e-05
374	20	-0.15	-0.41	-0.04	3.80e-04	0.0	-2.74e-05
374	24	-8.80e-03	-0.53	-0.02	5.18e-04	0.0	-2.95e-04
374	25	6.71e-03	-0.17	-0.09	1.19e-04	0.0	2.96e-04
374	52	-0.17	-0.41	-0.04	3.85e-04	0.0	-3.21e-05
374	56	-9.31e-03	-0.55	-0.02	5.36e-04	0.0	-3.25e-04
374	57	7.66e-03	-0.15	-0.09	1.01e-04	0.0	3.22e-04
375	2	-4.76e-03	-0.49	-0.11	2.45e-04	-1.27e-05	0.0
375	3	-5.13e-03	-0.01	-0.06	-2.14e-06	-1.47e-05	0.0
375	20	-0.15	-0.44	-0.07	2.27e-04	-6.82e-05	0.0
375	24	-0.02	-0.58	-0.07	3.38e-04	-3.55e-05	0.0
375	25	0.02	-0.18	-0.10	3.75e-05	1.82e-05	0.0
375	52	-0.16	-0.45	-0.07	2.30e-04	-7.33e-05	0.0
375	56	-0.02	-0.60	-0.06	3.51e-04	-3.78e-05	0.0
375	57	0.02	-0.16	-0.10	2.40e-05	2.08e-05	0.0
376	2	-5.42e-03	-0.49	-0.11	2.45e-04	-2.17e-05	0.0
376	3	-5.67e-03	-0.01	-0.06	-8.98e-06	-2.92e-05	0.0
376	20	-0.15	-0.45	-0.07	2.26e-04	-7.54e-05	0.0
376	24	-0.02	-0.59	-0.06	3.40e-04	-4.27e-05	0.0
376	33	0.06	-0.21	-0.10	4.23e-05	1.30e-05	0.0
376	52	-0.16	-0.46	-0.07	2.30e-04	-8.06e-05	0.0
376	56	-0.02	-0.61	-0.06	3.53e-04	-4.50e-05	0.0
376	65	0.07	-0.20	-0.10	2.92e-05	1.57e-05	0.0
377	2	-6.09e-03	-0.49	-0.11	2.47e-04	-4.04e-05	0.0
377	3	-6.23e-03	-9.85e-03	-0.06	-2.60e-05	-5.47e-05	0.0
377	20	-0.15	-0.45	-0.06	2.27e-04	-8.95e-05	0.0
377	24	-0.02	-0.60	-0.06	3.44e-04	-5.71e-05	0.0
377	33	0.06	-0.21	-0.10	4.10e-05	-1.77e-06	0.0
377	52	-0.16	-0.46	-0.06	2.31e-04	-9.46e-05	0.0
377	56	-0.02	-0.62	-0.06	3.58e-04	-5.94e-05	0.0
377	65	0.07	-0.20	-0.10	2.77e-05	0.0	0.0
378	1	-7.43e-03	-0.44	-0.07	4.44e-04	0.0	-1.19e-05
378	2	-7.39e-03	-0.44	-0.07	4.45e-04	0.0	-1.29e-05
378	20	-0.15	-0.43	-0.03	4.03e-04	0.0	-5.81e-05
378	24	-0.01	-0.57	-0.02	5.38e-04	0.0	-3.20e-04
378	25	4.71e-03	-0.13	-0.09	1.47e-04	0.0	2.57e-04
378	52	-0.17	-0.43	-0.02	4.08e-04	0.0	-6.26e-05
378	56	-0.01	-0.59	-0.01	5.55e-04	0.0	-3.49e-04
378	57	5.69e-03	-0.11	-0.09	1.30e-04	0.0	2.81e-04
379	2	-7.25e-03	-0.43	-0.07	4.20e-04	0.0	-2.03e-05
379	3	-7.60e-03	0.01	-0.05	1.32e-04	0.0	-1.63e-05
379	20	-0.15	-0.41	-0.03	3.85e-04	0.0	-6.40e-05
379	24	-0.01	-0.55	-0.02	5.22e-04	0.0	-3.26e-04
379	25	4.18e-03	-0.12	-0.09	1.25e-04	0.0	2.51e-04
379	52	-0.17	-0.42	-0.02	3.90e-04	0.0	-6.85e-05
379	56	-0.01	-0.57	-0.01	5.40e-04	0.0	-3.55e-04
379	57	5.10e-03	-0.10	-0.09	1.07e-04	0.0	2.76e-04
380	1	-7.98e-03	-0.49	-0.07	4.08e-04	-2.63e-05	1.83e-05
380	2	-7.94e-03	-0.49	-0.07	4.12e-04	-2.62e-05	1.81e-05
380	20	-0.16	-0.46	-0.03	3.72e-04	-7.84e-05	-3.50e-05
380	24	-0.01	-0.61	-0.02	4.97e-04	-4.72e-05	-3.00e-04
380	25	6.26e-03	-0.15	-0.09	1.37e-04	9.19e-06	2.83e-04
380	52	-0.18	-0.47	-0.03	3.77e-04	-8.36e-05	-3.96e-05
380	56	-0.01	-0.63	-0.01	5.13e-04	-4.96e-05	-3.29e-04
380	57	7.42e-03	-0.13	-0.09	1.21e-04	1.19e-05	3.09e-04
381	1	-8.34e-03	-0.49	-0.07	3.88e-04	-2.74e-05	8.64e-06
381	2	-8.31e-03	-0.49	-0.07	3.91e-04	-2.77e-05	8.33e-06
381	20	-0.16	-0.47	-0.03	3.57e-04	-7.97e-05	-4.20e-05
381	24	-0.01	-0.62	-0.02	4.84e-04	-4.88e-05	-3.06e-04
381	25	6.11e-03	-0.14	-0.09	1.18e-04	8.72e-06	2.75e-04
381	52	-0.18	-0.47	-0.02	3.62e-04	-8.49e-05	-4.65e-05
381	56	-0.01	-0.65	-0.01	5.01e-04	-5.13e-05	-3.35e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
381	57	7.28e-03	-0.12	-0.09	1.02e-04	1.14e-05	3.00e-04
382	1	-8.26e-03	-0.49	-0.07	3.50e-04	-1.19e-05	-1.62e-05
382	2	-8.22e-03	-0.49	-0.07	3.52e-04	-1.24e-05	-1.65e-05
382	20	-0.16	-0.47	-0.02	3.28e-04	-6.78e-05	-6.03e-05
382	24	-0.01	-0.63	-0.01	4.58e-04	-3.77e-05	-3.24e-04
382	25	6.26e-03	-0.13	-0.09	8.43e-05	2.13e-05	2.54e-04
382	52	-0.18	-0.48	-0.02	3.34e-04	-7.30e-05	-6.48e-05
382	56	-0.01	-0.66	-9.84e-03	4.75e-04	-4.03e-05	-3.53e-04
382	57	7.44e-03	-0.11	-0.10	6.76e-05	2.40e-05	2.79e-04
383	2	-5.32e-03	-0.39	-0.07	3.04e-04	0.0	2.99e-05
383	3	-6.23e-03	0.02	-0.05	-4.33e-06	0.0	5.38e-05
383	20	-0.15	-0.37	-0.03	2.86e-04	0.0	-2.79e-05
383	24	-7.71e-03	-0.50	-0.02	4.39e-04	0.0	-2.92e-04
383	25	3.71e-03	-0.12	-0.09	2.62e-05	0.0	2.95e-04
383	52	-0.16	-0.38	-0.03	2.90e-04	0.0	-3.27e-05
383	56	-8.05e-03	-0.51	-0.01	4.58e-04	0.0	-3.22e-04
383	57	4.44e-03	-0.11	-0.09	7.40e-06	0.0	3.20e-04
384	2	-6.06e-03	-0.42	-0.07	3.88e-04	0.0	3.37e-05
384	3	-6.59e-03	0.01	-0.05	8.77e-05	0.0	4.99e-05
384	20	-0.15	-0.40	-0.03	3.62e-04	0.0	-2.40e-05
384	24	-9.32e-03	-0.53	-0.02	5.05e-04	0.0	-2.87e-04
384	25	4.41e-03	-0.13	-0.09	9.31e-05	0.0	2.95e-04
384	52	-0.16	-0.40	-0.03	3.68e-04	0.0	-2.87e-05
384	56	-9.76e-03	-0.54	-0.01	5.24e-04	0.0	-3.16e-04
384	57	5.26e-03	-0.11	-0.09	7.46e-05	0.0	3.21e-04
385	1	-4.29e-03	-0.38	-0.07	2.27e-04	0.0	1.71e-05
385	2	-4.27e-03	-0.38	-0.07	2.27e-04	0.0	1.65e-05
385	3	-5.45e-03	0.01	-0.05	-8.45e-05	0.0	4.16e-05
385	20	-0.14	-0.36	-0.03	2.25e-04	0.0	-3.88e-05
385	24	-5.83e-03	-0.47	-0.02	3.80e-04	0.0	-3.05e-04
385	25	3.21e-03	-0.12	-0.09	-3.31e-05	0.0	2.86e-04
385	52	-0.15	-0.36	-0.03	2.29e-04	0.0	-4.37e-05
385	56	-6.06e-03	-0.49	-0.02	3.99e-04	0.0	-3.34e-04
385	57	3.82e-03	-0.11	-0.09	-5.19e-05	0.0	3.12e-04
386	1	-2.99e-03	-0.36	-0.07	1.92e-04	0.0	0.0
386	2	-2.98e-03	-0.36	-0.07	1.92e-04	0.0	-1.07e-06
386	3	-4.38e-03	6.33e-03	-0.05	-1.06e-04	0.0	1.72e-05
386	20	-0.14	-0.34	-0.03	1.97e-04	0.0	-5.24e-05
386	24	-3.70e-03	-0.45	-0.02	3.45e-04	0.0	-3.19e-04
386	25	2.82e-03	-0.13	-0.09	-5.14e-05	0.0	2.74e-04
386	52	-0.15	-0.35	-0.03	2.01e-04	0.0	-5.72e-05
386	56	-3.82e-03	-0.46	-0.02	3.62e-04	0.0	-3.49e-04
386	57	3.30e-03	-0.11	-0.09	-6.95e-05	0.0	2.99e-04
387	2	-1.82e-03	-0.35	-0.07	2.35e-04	-8.71e-06	-7.83e-06
387	3	-3.49e-03	1.14e-03	-0.05	-1.58e-05	0.0	1.26e-06
387	20	-0.13	-0.33	-0.03	2.42e-04	-6.38e-05	-5.72e-05
387	24	-1.59e-03	-0.43	-0.02	3.62e-04	-3.35e-05	-3.24e-04
387	25	2.24e-03	-0.13	-0.09	0.0	2.24e-05	2.68e-04
387	52	-0.14	-0.34	-0.03	2.47e-04	-6.89e-05	-6.20e-05
387	56	-1.60e-03	-0.44	-0.02	3.79e-04	-3.59e-05	-3.53e-04
387	57	2.58e-03	-0.11	-0.09	-1.59e-05	2.50e-05	2.93e-04
388	2	-6.34e-03	-0.39	-0.07	2.98e-04	0.0	-3.38e-05
388	3	-7.44e-03	0.02	-0.05	-4.84e-06	0.0	-1.74e-05
388	20	-0.15	-0.38	-0.03	2.80e-04	0.0	-7.62e-05
388	24	-8.52e-03	-0.51	-0.02	4.29e-04	0.0	-3.39e-04
388	25	2.95e-03	-0.11	-0.09	2.78e-05	0.0	2.44e-04
388	52	-0.16	-0.39	-0.02	2.85e-04	0.0	-8.09e-05
388	56	-8.86e-03	-0.53	-0.01	4.47e-04	0.0	-3.69e-04
388	57	3.68e-03	-0.09	-0.09	9.60e-06	0.0	2.69e-04
389	2	-7.04e-03	-0.42	-0.07	3.85e-04	0.0	-2.65e-05
389	3	-7.68e-03	0.02	-0.05	9.26e-05	0.0	-1.82e-05
389	20	-0.15	-0.40	-0.03	3.58e-04	0.0	-6.92e-05
389	24	-0.01	-0.54	-0.02	4.98e-04	0.0	-3.31e-04
389	25	3.69e-03	-0.12	-0.09	9.51e-05	0.0	2.47e-04
389	52	-0.16	-0.41	-0.02	3.64e-04	0.0	-7.38e-05
389	56	-0.01	-0.56	-0.01	5.17e-04	0.0	-3.60e-04
389	57	4.55e-03	-0.10	-0.09	7.70e-05	0.0	2.72e-04
390	2	-5.14e-03	-0.38	-0.07	2.20e-04	0.0	-3.35e-05
390	3	-6.56e-03	0.01	-0.05	-9.21e-05	0.0	-1.22e-05
390	20	-0.14	-0.37	-0.03	2.18e-04	0.0	-7.73e-05
390	24	-6.49e-03	-0.48	-0.02	3.70e-04	0.0	-3.43e-04
390	25	2.54e-03	-0.11	-0.09	-3.34e-05	0.0	2.48e-04
390	52	-0.16	-0.37	-0.02	2.22e-04	0.0	-8.22e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
390	56	-6.73e-03	-0.50	-0.01	3.88e-04	0.0	-3.73e-04
390	57	3.15e-03	-0.10	-0.09	-5.18e-05	0.0	2.73e-04
391	2	-3.49e-03	-0.36	-0.07	1.88e-04	0.0	-2.74e-05
391	3	-5.15e-03	6.87e-03	-0.05	-1.18e-04	0.0	-8.06e-06
391	20	-0.14	-0.35	-0.03	1.92e-04	0.0	-7.32e-05
391	24	-4.04e-03	-0.46	-0.02	3.39e-04	0.0	-3.40e-04
391	25	2.38e-03	-0.11	-0.09	-5.31e-05	0.0	2.55e-04
391	52	-0.15	-0.36	-0.02	1.96e-04	0.0	-7.81e-05
391	56	-4.17e-03	-0.48	-0.01	3.57e-04	0.0	-3.70e-04
391	57	2.86e-03	-0.10	-0.09	-7.10e-05	0.0	2.80e-04
392	2	-1.84e-03	-0.35	-0.07	2.53e-04	-1.68e-05	-1.90e-05
392	3	-3.77e-03	1.01e-03	-0.05	-6.78e-06	-9.50e-06	-7.74e-06
392	20	-0.13	-0.34	-0.03	2.57e-04	-7.28e-05	-6.63e-05
392	24	-1.47e-03	-0.44	-0.02	3.80e-04	-4.20e-05	-3.34e-04
392	25	2.10e-03	-0.12	-0.09	1.08e-05	1.85e-05	2.61e-04
392	52	-0.14	-0.35	-0.03	2.62e-04	-7.81e-05	-7.11e-05
392	56	-1.47e-03	-0.46	-0.01	3.96e-04	-4.46e-05	-3.64e-04
392	57	2.42e-03	-0.10	-0.09	-5.87e-06	2.13e-05	2.86e-04
393	2	-7.48e-03	-0.40	-0.07	3.00e-04	0.0	-1.88e-04
393	3	-8.80e-03	0.01	-0.05	3.12e-06	0.0	-2.00e-04
393	20	-0.15	-0.39	-0.02	2.80e-04	0.0	-1.93e-04
393	24	-9.42e-03	-0.53	-0.01	4.24e-04	0.0	-4.57e-04
393	25	2.09e-03	-0.10	-0.09	3.56e-05	0.0	1.24e-04
393	52	-0.16	-0.40	-0.02	2.85e-04	0.0	-1.97e-04
393	56	-9.76e-03	-0.55	-0.01	4.41e-04	0.0	-4.86e-04
393	57	2.83e-03	-0.09	-0.10	1.80e-05	0.0	1.49e-04
394	2	-8.11e-03	-0.42	-0.07	3.67e-04	0.0	-1.72e-04
394	3	-8.88e-03	0.01	-0.05	7.95e-05	0.0	-1.89e-04
394	20	-0.15	-0.41	-0.02	3.43e-04	0.0	-1.79e-04
394	24	-0.01	-0.55	-0.01	4.80e-04	0.0	-4.42e-04
394	25	2.91e-03	-0.11	-0.09	8.59e-05	0.0	1.33e-04
394	52	-0.17	-0.42	-0.02	3.48e-04	0.0	-1.84e-04
394	56	-0.01	-0.58	-0.01	4.97e-04	0.0	-4.71e-04
394	57	3.77e-03	-0.09	-0.10	6.82e-05	0.0	1.58e-04
395	2	-6.14e-03	-0.38	-0.07	2.39e-04	0.0	-1.55e-04
395	3	-7.82e-03	0.01	-0.05	-6.83e-05	0.0	-1.56e-04
395	20	-0.14	-0.38	-0.02	2.32e-04	0.0	-1.69e-04
395	24	-7.27e-03	-0.50	-0.01	3.78e-04	0.0	-4.36e-04
395	25	1.78e-03	-0.10	-0.09	-1.27e-05	0.0	1.54e-04
395	52	-0.16	-0.38	-0.02	2.36e-04	0.0	-1.74e-04
395	56	-7.51e-03	-0.52	-0.01	3.95e-04	0.0	-4.66e-04
395	57	2.39e-03	-0.09	-0.10	-3.05e-05	0.0	1.79e-04
396	2	-4.06e-03	-0.37	-0.07	2.14e-04	0.0	-9.05e-05
396	3	-5.95e-03	5.09e-03	-0.05	-9.27e-05	0.0	-8.06e-05
396	20	-0.14	-0.36	-0.02	2.12e-04	0.0	-1.22e-04
396	24	-4.46e-03	-0.48	-0.01	3.57e-04	0.0	-3.90e-04
396	25	1.93e-03	-0.10	-0.09	-3.07e-05	0.0	2.07e-04
396	52	-0.15	-0.37	-0.02	2.16e-04	0.0	-1.27e-04
396	56	-4.58e-03	-0.50	-0.01	3.75e-04	0.0	-4.21e-04
396	57	2.40e-03	-0.09	-0.10	-4.84e-05	0.0	2.33e-04
397	2	-1.71e-03	-0.35	-0.07	2.73e-04	-3.40e-05	-4.12e-05
397	3	-3.81e-03	3.52e-04	-0.05	2.67e-06	-2.95e-05	-3.08e-05
397	20	-0.13	-0.35	-0.02	2.71e-04	-8.94e-05	-8.39e-05
397	24	-1.27e-03	-0.46	-0.01	3.98e-04	-5.78e-05	-3.53e-04
397	25	2.10e-03	-0.10	-0.09	2.34e-05	7.99e-06	2.45e-04
397	52	-0.14	-0.36	-0.02	2.77e-04	-9.50e-05	-8.88e-05
397	56	-1.26e-03	-0.47	-0.01	4.15e-04	-6.07e-05	-3.83e-04
397	57	2.42e-03	-0.09	-0.10	6.55e-06	1.11e-05	2.71e-04
398	1	-8.18e-03	-0.46	-0.07	4.19e-04	0.0	-7.28e-05
398	2	-8.13e-03	-0.46	-0.07	4.20e-04	0.0	-7.35e-05
398	20	-0.16	-0.45	-0.02	3.83e-04	0.0	-1.04e-04
398	24	-0.01	-0.60	-0.01	5.16e-04	0.0	-3.66e-04
398	25	4.86e-03	-0.12	-0.09	1.32e-04	0.0	2.09e-04
398	52	-0.17	-0.46	-0.02	3.88e-04	0.0	-1.08e-04
398	56	-0.01	-0.62	-0.01	5.33e-04	0.0	-3.95e-04
398	57	5.90e-03	-0.10	-0.10	1.14e-04	0.0	2.34e-04
399	1	-8.13e-03	-0.47	-0.07	4.06e-04	0.0	-3.57e-05
399	2	-8.09e-03	-0.47	-0.07	4.07e-04	0.0	-3.62e-05
399	20	-0.16	-0.46	-0.02	3.72e-04	0.0	-7.52e-05
399	24	-0.01	-0.62	-0.01	5.04e-04	0.0	-3.38e-04
399	25	5.58e-03	-0.13	-0.09	1.24e-04	0.0	2.38e-04
399	52	-0.17	-0.47	-0.02	3.78e-04	0.0	-7.97e-05
399	56	-0.01	-0.64	-9.91e-03	5.21e-04	0.0	-3.67e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
399	57	6.69e-03	-0.11	-0.10	1.07e-04	0.0	2.63e-04
400	2	-8.20e-03	-0.45	-0.07	4.13e-04	0.0	-1.12e-04
400	3	-8.26e-03	3.49e-03	-0.05	1.30e-04	0.0	-1.29e-04
400	20	-0.16	-0.44	-0.02	3.78e-04	0.0	-1.33e-04
400	24	-0.01	-0.58	-0.01	5.12e-04	0.0	-3.95e-04
400	25	4.14e-03	-0.12	-0.09	1.25e-04	0.0	1.79e-04
400	52	-0.17	-0.44	-0.02	3.84e-04	0.0	-1.37e-04
400	56	-0.01	-0.61	-0.01	5.30e-04	0.0	-4.24e-04
400	57	5.12e-03	-0.10	-0.10	1.07e-04	0.0	2.04e-04
401	2	-8.21e-03	-0.43	-0.07	3.94e-04	0.0	-1.47e-04
401	3	-8.64e-03	7.60e-03	-0.05	1.10e-04	0.0	-1.63e-04
401	20	-0.15	-0.42	-0.02	3.64e-04	0.0	-1.59e-04
401	24	-0.01	-0.57	-0.01	4.99e-04	0.0	-4.21e-04
401	25	3.48e-03	-0.11	-0.09	1.08e-04	0.0	1.52e-04
401	52	-0.17	-0.43	-0.02	3.69e-04	0.0	-1.64e-04
401	56	-0.01	-0.59	-0.01	5.17e-04	0.0	-4.50e-04
401	57	4.40e-03	-0.09	-0.10	9.08e-05	0.0	1.77e-04
402	1	-6.94e-03	-0.46	-0.07	4.53e-04	0.0	2.40e-05
402	2	-6.90e-03	-0.46	-0.07	4.54e-04	0.0	2.35e-05
402	20	-0.16	-0.43	-0.03	4.09e-04	0.0	-3.09e-05
402	24	-0.01	-0.58	-0.02	5.41e-04	0.0	-2.94e-04
402	25	5.67e-03	-0.14	-0.09	1.59e-04	0.0	2.87e-04
402	52	-0.17	-0.44	-0.03	4.14e-04	0.0	-3.55e-05
402	56	-0.01	-0.60	-0.01	5.58e-04	0.0	-3.24e-04
402	57	6.70e-03	-0.12	-0.09	1.42e-04	0.0	3.12e-04
403	1	-7.34e-03	-0.47	-0.07	4.43e-04	0.0	2.01e-05
403	2	-7.30e-03	-0.47	-0.07	4.46e-04	0.0	1.98e-05
403	20	-0.16	-0.45	-0.03	4.00e-04	0.0	-3.37e-05
403	24	-0.01	-0.59	-0.02	5.28e-04	0.0	-2.98e-04
403	25	6.02e-03	-0.15	-0.09	1.58e-04	0.0	2.84e-04
403	52	-0.17	-0.45	-0.03	4.05e-04	0.0	-3.83e-05
403	56	-0.01	-0.61	-0.01	5.45e-04	0.0	-3.27e-04
403	57	7.11e-03	-0.13	-0.09	1.41e-04	0.0	3.09e-04
404	1	-6.64e-03	-0.44	-0.07	4.44e-04	0.0	2.89e-05
404	2	-6.61e-03	-0.44	-0.07	4.45e-04	0.0	2.81e-05
404	20	-0.15	-0.42	-0.03	4.04e-04	0.0	-2.76e-05
404	24	-0.01	-0.56	-0.02	5.40e-04	0.0	-2.91e-04
404	25	5.25e-03	-0.14	-0.09	1.47e-04	0.0	2.90e-04
404	52	-0.17	-0.43	-0.03	4.09e-04	0.0	-3.22e-05
404	56	-0.01	-0.58	-0.01	5.57e-04	0.0	-3.20e-04
404	57	6.22e-03	-0.12	-0.09	1.29e-04	0.0	3.15e-04
405	2	-6.34e-03	-0.43	-0.07	4.22e-04	0.0	3.19e-05
405	3	-6.64e-03	0.01	-0.05	1.25e-04	0.0	4.27e-05
405	20	-0.15	-0.41	-0.03	3.87e-04	0.0	-2.50e-05
405	24	-0.01	-0.54	-0.02	5.27e-04	0.0	-2.88e-04
405	25	4.82e-03	-0.13	-0.09	1.24e-04	0.0	2.93e-04
405	52	-0.17	-0.41	-0.03	3.93e-04	0.0	-2.97e-05
405	56	-0.01	-0.56	-0.01	5.45e-04	0.0	-3.17e-04
405	57	5.73e-03	-0.11	-0.09	1.06e-04	0.0	3.19e-04
406	1	-7.58e-03	-0.46	-0.07	4.52e-04	0.0	-4.07e-06
406	2	-7.55e-03	-0.46	-0.07	4.53e-04	0.0	-4.84e-06
406	20	-0.16	-0.44	-0.03	4.09e-04	0.0	-5.18e-05
406	24	-0.01	-0.59	-0.02	5.41e-04	0.0	-3.14e-04
406	25	5.26e-03	-0.13	-0.09	1.57e-04	0.0	2.63e-04
406	52	-0.17	-0.45	-0.02	4.14e-04	0.0	-5.64e-05
406	56	-0.01	-0.61	-0.01	5.58e-04	0.0	-3.43e-04
406	57	6.30e-03	-0.11	-0.09	1.40e-04	0.0	2.88e-04
407	1	-7.82e-03	-0.47	-0.07	4.38e-04	0.0	4.23e-06
407	2	-7.79e-03	-0.47	-0.07	4.40e-04	0.0	3.73e-06
407	20	-0.16	-0.45	-0.03	3.97e-04	0.0	-4.54e-05
407	24	-0.01	-0.60	-0.02	5.27e-04	0.0	-3.09e-04
407	25	5.75e-03	-0.14	-0.09	1.51e-04	0.0	2.70e-04
407	52	-0.17	-0.46	-0.02	4.02e-04	0.0	-4.99e-05
407	56	-0.01	-0.63	-0.01	5.43e-04	0.0	-3.38e-04
407	57	6.85e-03	-0.12	-0.09	1.35e-04	0.0	2.95e-04
408	2	-6.87e-03	-0.49	-0.10	2.39e-04	-7.31e-05	0.0
408	3	-6.90e-03	-9.64e-03	-0.05	-5.53e-05	-8.10e-05	0.0
408	20	-0.15	-0.46	-0.06	2.22e-04	-1.06e-04	0.0
408	24	-0.02	-0.61	-0.06	3.43e-04	-5.83e-05	0.0
408	33	0.06	-0.21	-0.10	2.86e-05	-5.33e-05	0.0
408	52	-0.16	-0.47	-0.06	2.26e-04	-1.10e-04	0.0
408	56	-0.02	-0.63	-0.06	3.58e-04	-5.83e-05	0.0
408	65	0.07	-0.20	-0.10	1.48e-05	-5.31e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
409	2	-6.12e-03	-0.49	-0.13	2.82e-04	-3.96e-05	0.0
409	3	-7.09e-03	-0.01	-0.05	1.95e-05	-1.13e-04	0.0
409	14	0.12	-0.40	-0.11	2.65e-04	2.74e-05	0.0
409	19	-0.15	-0.37	-0.08	1.71e-04	-8.90e-05	0.0
409	24	-0.07	-0.61	-0.10	3.96e-04	-2.61e-05	0.0
409	46	0.13	-0.41	-0.11	2.69e-04	3.25e-05	0.0
409	51	-0.16	-0.37	-0.08	1.67e-04	-9.40e-05	0.0
409	56	-0.08	-0.63	-0.10	4.12e-04	-2.56e-05	0.0
410	2	-5.12e-03	-0.49	-0.16	3.74e-04	-4.39e-05	0.0
410	3	-6.97e-03	-0.01	-0.06	9.82e-05	-7.43e-05	0.0
410	19	-0.15	-0.37	-0.10	2.42e-04	-9.16e-05	0.0
410	24	-0.09	-0.61	-0.14	4.83e-04	-3.09e-05	0.0
410	26	-0.02	-0.58	-0.15	4.77e-04	-1.17e-06	0.0
410	51	-0.17	-0.37	-0.10	2.38e-04	-9.67e-05	0.0
410	56	-0.10	-0.63	-0.14	5.01e-04	-3.05e-05	0.0
410	58	-0.02	-0.60	-0.15	4.94e-04	1.79e-06	0.0
411	1	-7.69e-03	-0.49	-0.10	2.23e-04	-8.86e-05	0.0
411	2	-7.66e-03	-0.49	-0.10	2.26e-04	-9.07e-05	0.0
411	17	0.14	-0.29	-0.10	1.32e-04	-2.10e-05	0.0
411	20	-0.15	-0.47	-0.05	2.15e-04	-1.18e-04	0.0
411	24	-0.02	-0.62	-0.05	3.42e-04	-7.15e-05	0.0
411	49	0.15	-0.28	-0.10	1.28e-04	-1.68e-05	0.0
411	52	-0.17	-0.47	-0.05	2.19e-04	-1.22e-04	0.0
411	56	-0.02	-0.65	-0.05	3.57e-04	-7.16e-05	0.0
412	2	-7.14e-03	-0.49	-0.12	2.96e-04	-8.13e-05	0.0
412	3	-8.11e-03	-0.01	-0.04	2.07e-05	-8.33e-05	0.0
412	14	0.12	-0.40	-0.11	2.76e-04	-6.22e-06	0.0
412	19	-0.15	-0.37	-0.07	1.81e-04	-1.17e-04	0.0
412	24	-0.07	-0.62	-0.09	4.11e-04	-5.87e-05	0.0
412	46	0.13	-0.40	-0.11	2.81e-04	-1.26e-06	0.0
412	51	-0.16	-0.37	-0.07	1.77e-04	-1.22e-04	0.0
412	56	-0.08	-0.65	-0.09	4.27e-04	-5.83e-05	0.0
413	2	-5.80e-03	-0.49	-0.16	3.84e-04	-7.58e-05	0.0
413	3	-7.77e-03	-0.01	-0.05	1.31e-04	-6.51e-05	0.0
413	19	-0.15	-0.38	-0.10	2.50e-04	-1.15e-04	0.0
413	24	-0.09	-0.62	-0.14	4.86e-04	-5.42e-05	0.0
413	26	-0.02	-0.58	-0.15	4.80e-04	-2.51e-05	0.0
413	51	-0.17	-0.37	-0.10	2.46e-04	-1.20e-04	0.0
413	56	-0.10	-0.65	-0.14	5.03e-04	-5.38e-05	0.0
413	58	-0.02	-0.60	-0.15	4.96e-04	-2.22e-05	0.0
414	1	-8.50e-03	-0.49	-0.09	2.26e-04	-4.40e-06	0.0
414	2	-8.47e-03	-0.49	-0.09	2.28e-04	-8.70e-06	0.0
414	17	0.14	-0.28	-0.10	1.30e-04	4.79e-05	0.0
414	20	-0.15	-0.47	-0.05	2.20e-04	-5.93e-05	0.0
414	24	-0.02	-0.63	-0.05	3.50e-04	-2.88e-05	0.0
414	49	0.15	-0.27	-0.10	1.26e-04	5.27e-05	0.0
414	52	-0.17	-0.48	-0.04	2.24e-04	-6.41e-05	0.0
414	56	-0.02	-0.66	-0.05	3.66e-04	-3.09e-05	0.0
415	2	-8.20e-03	-0.49	-0.12	3.02e-04	3.81e-05	0.0
415	3	-9.19e-03	-0.01	-0.04	2.16e-05	1.05e-04	0.0
415	14	0.12	-0.39	-0.11	2.82e-04	8.20e-05	0.0
415	19	-0.15	-0.38	-0.07	1.85e-04	-2.05e-05	0.0
415	24	-0.07	-0.63	-0.09	4.19e-04	3.21e-05	0.0
415	46	0.13	-0.40	-0.12	2.86e-04	8.66e-05	0.0
415	51	-0.16	-0.38	-0.07	1.80e-04	-2.51e-05	0.0
415	56	-0.08	-0.66	-0.09	4.35e-04	3.23e-05	0.0
416	2	-6.56e-03	-0.49	-0.16	3.83e-04	1.05e-06	0.0
416	3	-8.60e-03	-0.01	-0.05	1.26e-04	5.35e-05	0.0
416	19	-0.15	-0.38	-0.09	2.48e-04	-5.30e-05	0.0
416	24	-0.09	-0.64	-0.14	4.82e-04	5.00e-06	0.0
416	26	-0.02	-0.59	-0.15	4.77e-04	3.28e-05	0.0
416	51	-0.17	-0.38	-0.09	2.44e-04	-5.79e-05	0.0
416	56	-0.10	-0.66	-0.14	4.99e-04	5.37e-06	0.0
416	58	-0.02	-0.61	-0.15	4.93e-04	3.56e-05	0.0
417	2	-3.67e-03	-0.35	-0.10	2.77e-04	1.99e-05	0.0
417	3	-4.95e-03	4.84e-04	-0.06	3.03e-05	9.54e-06	0.0
417	17	0.12	-0.20	-0.10	1.54e-04	7.43e-05	0.0
417	20	-0.12	-0.34	-0.05	2.71e-04	-4.40e-05	0.0
417	24	-0.01	-0.44	-0.06	3.86e-04	-1.08e-05	0.0
417	49	0.13	-0.19	-0.10	1.49e-04	7.95e-05	0.0
417	52	-0.13	-0.35	-0.05	2.76e-04	-4.92e-05	0.0
417	56	-0.01	-0.46	-0.05	4.02e-04	-1.31e-05	0.0
418	1	-4.82e-03	-0.35	-0.12	2.78e-04	4.45e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
418	2	-4.82e-03	-0.35	-0.13	2.79e-04	4.52e-05	0.0
418	3	-5.65e-03	-2.34e-04	-0.06	2.22e-05	1.71e-05	0.0
418	14	0.10	-0.27	-0.11	2.60e-04	9.41e-05	0.0
418	19	-0.12	-0.29	-0.08	1.71e-04	-2.45e-05	0.0
418	24	-0.06	-0.44	-0.10	3.83e-04	3.61e-05	0.0
418	46	0.11	-0.27	-0.11	2.64e-04	9.93e-05	0.0
418	51	-0.13	-0.29	-0.08	1.67e-04	-2.97e-05	0.0
418	56	-0.06	-0.46	-0.10	3.98e-04	3.64e-05	0.0
419	1	-5.00e-03	-0.35	-0.15	3.12e-04	4.75e-05	0.0
419	2	-5.00e-03	-0.35	-0.15	3.14e-04	4.82e-05	0.0
419	3	-5.26e-03	-9.71e-04	-0.06	1.62e-05	1.00e-05	0.0
419	19	-0.13	-0.29	-0.10	1.79e-04	-2.35e-05	0.0
419	24	-0.08	-0.44	-0.13	4.20e-04	4.31e-05	0.0
419	26	-0.02	-0.40	-0.14	4.27e-04	7.39e-05	0.0
419	51	-0.14	-0.29	-0.10	1.73e-04	-2.89e-05	0.0
419	56	-0.09	-0.46	-0.14	4.36e-04	4.38e-05	0.0
419	58	-0.02	-0.41	-0.15	4.44e-04	7.73e-05	0.0
420	1	-7.37e-04	-0.35	-0.09	2.31e-04	-4.75e-06	0.0
420	2	-7.36e-04	-0.35	-0.09	2.31e-04	-4.85e-06	0.0
420	3	-9.84e-04	5.43e-04	-0.05	-2.24e-06	-4.04e-06	0.0
420	20	-0.12	-0.31	-0.06	2.18e-04	-4.94e-05	0.0
420	24	-0.01	-0.38	-0.06	3.29e-04	-5.50e-06	0.0
420	25	0.02	-0.17	-0.09	2.56e-05	0.0	0.0
420	52	-0.13	-0.31	-0.06	2.22e-04	-5.35e-05	0.0
420	56	-0.01	-0.39	-0.05	3.42e-04	-5.59e-06	0.0
420	57	0.02	-0.16	-0.09	1.19e-05	0.0	0.0
421	1	-1.24e-03	-0.35	-0.09	2.33e-04	0.0	0.0
421	2	-1.24e-03	-0.35	-0.09	2.33e-04	0.0	0.0
421	3	-1.68e-03	5.68e-04	-0.05	0.0	2.30e-06	0.0
421	20	-0.12	-0.31	-0.06	2.20e-04	-4.43e-05	0.0
421	24	-0.01	-0.39	-0.06	3.31e-04	-1.59e-06	0.0
421	25	0.02	-0.16	-0.09	2.57e-05	4.31e-06	0.0
421	52	-0.13	-0.31	-0.06	2.24e-04	-4.83e-05	0.0
421	56	-0.01	-0.40	-0.05	3.45e-04	-1.68e-06	0.0
421	57	0.02	-0.15	-0.09	1.19e-05	4.62e-06	0.0
422	1	-1.77e-03	-0.35	-0.09	2.37e-04	8.11e-06	0.0
422	2	-1.76e-03	-0.35	-0.09	2.37e-04	7.87e-06	0.0
422	3	-2.40e-03	6.11e-04	-0.05	2.79e-06	1.02e-05	0.0
422	20	-0.12	-0.32	-0.06	2.24e-04	-3.71e-05	0.0
422	24	-0.01	-0.40	-0.06	3.36e-04	4.25e-06	0.0
422	25	0.01	-0.15	-0.09	2.70e-05	1.00e-05	0.0
422	52	-0.13	-0.32	-0.06	2.27e-04	-4.09e-05	0.0
422	56	-0.01	-0.41	-0.05	3.50e-04	4.16e-06	0.0
422	57	0.02	-0.14	-0.09	1.31e-05	1.03e-05	0.0
423	1	-2.31e-03	-0.35	-0.09	2.44e-04	1.79e-05	0.0
423	2	-2.31e-03	-0.35	-0.09	2.44e-04	1.77e-05	0.0
423	3	-3.15e-03	6.51e-04	-0.05	9.13e-06	1.87e-05	0.0
423	20	-0.12	-0.32	-0.06	2.39e-04	-2.93e-05	0.0
423	24	-0.01	-0.41	-0.06	3.50e-04	1.18e-05	0.0
423	33	0.05	-0.18	-0.09	3.28e-05	1.63e-05	0.0
423	52	-0.13	-0.33	-0.06	2.43e-04	-3.30e-05	0.0
423	56	-0.01	-0.42	-0.05	3.65e-04	1.17e-05	0.0
423	65	0.06	-0.17	-0.09	1.89e-05	1.65e-05	0.0
424	2	-4.46e-03	-0.35	-0.10	2.92e-04	-1.99e-05	0.0
424	3	-5.96e-03	8.22e-06	-0.06	3.26e-05	-4.30e-05	0.0
424	17	0.12	-0.19	-0.10	1.66e-04	5.27e-05	0.0
424	20	-0.12	-0.35	-0.05	2.83e-04	-8.38e-05	0.0
424	24	-0.01	-0.46	-0.06	4.04e-04	-4.57e-05	0.0
424	49	0.13	-0.19	-0.10	1.61e-04	5.88e-05	0.0
424	52	-0.14	-0.36	-0.05	2.89e-04	-8.99e-05	0.0
424	56	-0.02	-0.47	-0.05	4.21e-04	-4.84e-05	0.0
425	2	-5.91e-03	-0.35	-0.13	2.89e-04	-3.47e-06	0.0
425	3	-6.94e-03	-3.56e-04	-0.06	2.24e-05	-5.61e-05	0.0
425	14	0.10	-0.27	-0.12	2.69e-04	6.89e-05	0.0
425	19	-0.12	-0.29	-0.08	1.77e-04	-7.45e-05	0.0
425	24	-0.06	-0.46	-0.10	3.98e-04	-2.01e-06	0.0
425	46	0.11	-0.27	-0.12	2.74e-04	7.52e-05	0.0
425	51	-0.13	-0.29	-0.08	1.73e-04	-8.09e-05	0.0
425	56	-0.06	-0.47	-0.10	4.14e-04	-1.83e-06	0.0
426	1	-5.95e-03	-0.35	-0.16	3.07e-04	1.62e-05	0.0
426	2	-5.95e-03	-0.35	-0.16	3.08e-04	1.74e-05	0.0
426	3	-6.28e-03	-7.37e-04	-0.06	1.36e-05	-4.25e-05	0.0
426	19	-0.13	-0.29	-0.10	1.76e-04	-5.67e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
426	24	-0.08	-0.46	-0.14	4.17e-04	2.13e-05	0.0
426	26	-0.02	-0.41	-0.15	4.24e-04	5.67e-05	0.0
426	51	-0.14	-0.29	-0.09	1.70e-04	-6.29e-05	0.0
426	56	-0.09	-0.47	-0.14	4.34e-04	2.22e-05	0.0
426	58	-0.02	-0.42	-0.15	4.41e-04	6.06e-05	0.0
427	1	-3.19e-03	-0.35	-0.15	3.27e-04	2.46e-05	0.0
427	2	-3.18e-03	-0.35	-0.15	3.28e-04	2.44e-05	0.0
427	3	-3.39e-03	-6.77e-04	-0.06	3.81e-05	1.82e-05	0.0
427	19	-0.13	-0.28	-0.10	1.95e-04	-3.10e-05	0.0
427	24	-0.08	-0.41	-0.13	4.30e-04	2.02e-05	0.0
427	26	-0.02	-0.39	-0.14	4.35e-04	4.60e-05	0.0
427	51	-0.14	-0.28	-0.10	1.90e-04	-3.54e-05	0.0
427	56	-0.09	-0.43	-0.13	4.46e-04	2.05e-05	0.0
427	58	-0.02	-0.40	-0.14	4.51e-04	4.84e-05	0.0
428	1	1.68e-03	-0.35	-0.15	3.35e-04	-3.00e-05	0.0
428	2	1.68e-03	-0.35	-0.15	3.36e-04	-3.01e-05	0.0
428	18	0.12	-0.32	-0.12	3.16e-04	2.41e-05	0.0
428	28	-0.08	-0.35	-0.14	4.41e-04	-5.04e-05	0.0
428	30	0.08	-0.39	-0.13	4.40e-04	-2.46e-05	0.0
428	50	0.14	-0.32	-0.12	3.21e-04	2.82e-05	0.0
428	60	-0.09	-0.36	-0.14	4.57e-04	-5.28e-05	0.0
428	62	0.09	-0.40	-0.13	4.56e-04	-2.48e-05	0.0
429	1	-1.84e-04	-0.35	-0.15	3.30e-04	-1.94e-05	0.0
429	2	-1.83e-04	-0.35	-0.15	3.31e-04	-1.96e-05	0.0
429	3	-3.07e-04	-6.71e-05	-0.06	5.03e-05	-1.30e-05	0.0
429	19	-0.12	-0.25	-0.11	2.07e-04	-6.82e-05	0.0
429	22	-0.02	-0.36	-0.13	4.31e-04	8.19e-06	0.0
429	24	-0.08	-0.37	-0.13	4.37e-04	-1.72e-05	0.0
429	51	-0.13	-0.25	-0.11	2.02e-04	-7.29e-05	0.0
429	54	-0.02	-0.37	-0.13	4.47e-04	1.03e-05	0.0
429	56	-0.08	-0.38	-0.13	4.53e-04	-1.73e-05	0.0
430	1	-9.16e-04	-0.35	-0.15	3.30e-04	-7.95e-06	0.0
430	2	-9.15e-04	-0.35	-0.15	3.31e-04	-8.12e-06	0.0
430	3	-1.06e-03	-1.53e-04	-0.06	5.03e-05	-5.76e-06	0.0
430	19	-0.12	-0.26	-0.11	2.07e-04	-5.87e-05	0.0
430	24	-0.08	-0.38	-0.13	4.36e-04	-8.09e-06	0.0
430	26	-0.02	-0.37	-0.13	4.32e-04	1.92e-05	0.0
430	51	-0.13	-0.25	-0.10	2.02e-04	-6.33e-05	0.0
430	56	-0.08	-0.39	-0.13	4.52e-04	-8.18e-06	0.0
430	58	-0.02	-0.38	-0.13	4.48e-04	2.15e-05	0.0
431	1	-2.97e-03	-0.35	-0.09	2.58e-04	2.53e-05	0.0
431	2	-2.97e-03	-0.35	-0.10	2.58e-04	2.54e-05	0.0
431	3	-4.02e-03	6.48e-04	-0.05	1.96e-05	2.29e-05	0.0
431	20	-0.12	-0.33	-0.06	2.54e-04	-3.29e-05	0.0
431	24	-0.01	-0.43	-0.06	3.66e-04	-3.46e-06	0.0
431	33	0.05	-0.17	-0.09	3.80e-05	4.62e-05	0.0
431	52	-0.13	-0.34	-0.05	2.59e-04	-3.75e-05	0.0
431	56	-0.01	-0.44	-0.05	3.81e-04	-5.51e-06	0.0
431	65	0.06	-0.16	-0.09	2.36e-05	4.86e-05	0.0
432	1	-1.66e-03	-0.35	-0.15	3.30e-04	0.0	0.0
432	2	-1.65e-03	-0.35	-0.15	3.30e-04	0.0	0.0
432	3	-1.82e-03	-2.88e-04	-0.06	4.87e-05	0.0	0.0
432	19	-0.12	-0.26	-0.10	2.06e-04	-5.09e-05	0.0
432	24	-0.08	-0.39	-0.13	4.36e-04	-1.03e-06	0.0
432	26	-0.02	-0.37	-0.13	4.32e-04	2.56e-05	0.0
432	51	-0.14	-0.26	-0.10	2.02e-04	-5.55e-05	0.0
432	56	-0.09	-0.40	-0.13	4.52e-04	-1.06e-06	0.0
432	58	-0.02	-0.38	-0.14	4.48e-04	2.79e-05	0.0
433	1	-3.77e-03	-0.35	-0.12	2.73e-04	4.19e-05	0.0
433	2	-3.77e-03	-0.35	-0.12	2.73e-04	4.18e-05	0.0
433	3	-4.43e-03	-1.16e-04	-0.06	2.21e-05	3.32e-05	0.0
433	14	0.10	-0.28	-0.11	2.54e-04	8.05e-05	0.0
433	19	-0.12	-0.28	-0.08	1.68e-04	-1.58e-05	0.0
433	24	-0.06	-0.43	-0.09	3.74e-04	3.39e-05	0.0
433	46	0.11	-0.28	-0.11	2.58e-04	8.47e-05	0.0
433	51	-0.13	-0.28	-0.08	1.64e-04	-2.00e-05	0.0
433	56	-0.06	-0.44	-0.09	3.89e-04	3.41e-05	0.0
434	1	-4.08e-03	-0.35	-0.15	3.21e-04	4.20e-05	0.0
434	2	-4.08e-03	-0.35	-0.15	3.22e-04	4.22e-05	0.0
434	3	-4.30e-03	-8.92e-04	-0.06	2.72e-05	2.30e-05	0.0
434	19	-0.13	-0.28	-0.10	1.87e-04	-2.08e-05	0.0
434	24	-0.08	-0.43	-0.13	4.26e-04	3.61e-05	0.0
434	26	-0.02	-0.39	-0.14	4.32e-04	6.34e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
434	51	-0.14	-0.28	-0.10	1.82e-04	-2.55e-05	0.0
434	56	-0.09	-0.44	-0.13	4.43e-04	3.66e-05	0.0
434	58	-0.02	-0.41	-0.14	4.49e-04	6.62e-05	0.0
435	2	9.70e-04	-0.35	-0.10	2.36e-04	-1.19e-05	0.0
435	3	1.47e-03	5.74e-04	-0.05	1.25e-06	-1.62e-05	0.0
435	17	0.12	-0.25	-0.07	1.41e-04	3.62e-05	0.0
435	27	-0.05	-0.18	-0.09	2.82e-05	-3.53e-05	0.0
435	30	7.98e-03	-0.38	-0.06	3.30e-04	1.54e-05	0.0
435	49	0.13	-0.25	-0.07	1.38e-04	4.02e-05	0.0
435	59	-0.06	-0.17	-0.09	1.45e-05	-3.77e-05	0.0
435	62	8.65e-03	-0.40	-0.06	3.43e-04	1.76e-05	0.0
436	1	-2.41e-03	-0.35	-0.15	3.29e-04	1.08e-05	0.0
436	2	-2.41e-03	-0.35	-0.15	3.30e-04	1.05e-05	0.0
436	3	-2.59e-03	-4.69e-04	-0.06	4.48e-05	9.19e-06	0.0
436	19	-0.12	-0.27	-0.10	2.06e-04	-4.16e-05	0.0
436	24	-0.08	-0.40	-0.13	4.37e-04	7.92e-06	0.0
436	26	-0.02	-0.38	-0.13	4.32e-04	3.37e-05	0.0
436	51	-0.14	-0.27	-0.10	2.02e-04	-4.60e-05	0.0
436	56	-0.09	-0.41	-0.13	4.53e-04	7.99e-06	0.0
436	58	-0.02	-0.39	-0.14	4.48e-04	3.61e-05	0.0
437	2	4.97e-03	-0.35	-0.16	3.12e-04	-4.15e-05	0.0
437	3	5.26e-03	-8.72e-04	-0.07	1.31e-05	-2.20e-05	0.0
437	18	0.13	-0.36	-0.11	2.87e-04	1.51e-05	0.0
437	30	0.09	-0.45	-0.14	4.18e-04	-3.76e-05	0.0
437	36	0.02	-0.41	-0.15	4.23e-04	-6.70e-05	0.0
437	50	0.14	-0.36	-0.11	2.91e-04	1.92e-05	0.0
437	62	0.09	-0.46	-0.14	4.34e-04	-3.83e-05	0.0
437	68	0.03	-0.42	-0.15	4.40e-04	-7.02e-05	0.0
438	2	4.78e-03	-0.35	-0.13	2.96e-04	-5.18e-05	0.0
438	3	5.63e-03	-1.91e-04	-0.06	2.75e-05	-3.13e-05	0.0
438	18	0.12	-0.36	-0.09	2.72e-04	6.73e-06	0.0
438	20	-0.10	-0.28	-0.12	2.81e-04	-9.82e-05	0.0
438	30	0.06	-0.45	-0.10	3.89e-04	-4.62e-05	0.0
438	50	0.13	-0.36	-0.09	2.76e-04	1.08e-05	0.0
438	52	-0.11	-0.28	-0.12	2.86e-04	-1.03e-04	0.0
438	62	0.07	-0.46	-0.10	4.04e-04	-4.69e-05	0.0
439	2	3.59e-03	-0.35	-0.10	2.85e-04	-3.36e-05	0.0
439	3	4.90e-03	4.97e-04	-0.06	3.54e-05	-2.55e-05	0.0
439	17	0.12	-0.27	-0.07	1.77e-04	3.38e-05	0.0
439	27	-0.05	-0.16	-0.10	4.83e-05	-3.06e-05	0.0
439	30	9.85e-03	-0.45	-0.06	3.85e-04	-2.52e-05	0.0
439	49	0.13	-0.27	-0.07	1.74e-04	3.90e-05	0.0
439	59	-0.05	-0.15	-0.10	3.29e-05	-3.10e-05	0.0
439	62	0.01	-0.46	-0.06	4.00e-04	-2.52e-05	0.0
440	2	2.19e-03	-0.35	-0.10	2.51e-04	-3.19e-05	0.0
440	3	3.11e-03	6.62e-04	-0.06	1.30e-05	-3.42e-05	0.0
440	17	0.12	-0.26	-0.07	1.53e-04	2.69e-05	0.0
440	27	-0.05	-0.18	-0.09	3.71e-05	-2.89e-05	0.0
440	30	8.83e-03	-0.41	-0.06	3.44e-04	-2.41e-05	0.0
440	49	0.13	-0.26	-0.07	1.49e-04	3.14e-05	0.0
440	59	-0.06	-0.17	-0.10	2.31e-05	-2.92e-05	0.0
440	62	9.49e-03	-0.43	-0.06	3.58e-04	-2.42e-05	0.0
441	1	-2.57e-04	-0.35	-0.09	2.31e-04	-9.19e-06	0.0
441	2	-2.57e-04	-0.35	-0.09	2.32e-04	-9.30e-06	0.0
441	3	-3.01e-04	5.34e-04	-0.05	-2.20e-06	-1.06e-05	0.0
441	20	-0.12	-0.30	-0.07	2.18e-04	-5.34e-05	0.0
441	21	0.01	-0.17	-0.09	2.78e-05	-5.63e-06	0.0
441	24	-0.01	-0.37	-0.06	3.28e-04	-8.63e-06	0.0
441	52	-0.13	-0.30	-0.07	2.22e-04	-5.74e-05	0.0
441	53	0.01	-0.16	-0.09	1.44e-05	-5.57e-06	0.0
441	56	-0.01	-0.38	-0.06	3.42e-04	-8.68e-06	0.0
442	1	1.00e-03	-0.36	-0.07	2.91e-04	2.98e-05	0.0
442	2	1.00e-03	-0.36	-0.07	2.91e-04	2.96e-05	0.0
442	3	3.12e-03	-1.23e-03	-0.06	1.51e-05	2.73e-05	0.0
442	17	0.13	-0.27	-0.04	1.76e-04	7.63e-05	0.0
442	27	-0.07	-0.15	-0.10	3.98e-05	-1.22e-05	0.0
442	30	-6.71e-03	-0.48	-0.01	4.05e-04	5.46e-05	0.0
442	49	0.15	-0.27	-0.04	1.71e-04	8.10e-05	0.0
442	59	-0.08	-0.14	-0.10	2.32e-05	-1.54e-05	0.0
442	62	-7.41e-03	-0.50	-7.44e-03	4.21e-04	5.75e-05	0.0
443	2	-1.09e-03	-0.35	-0.06	2.90e-04	-4.24e-05	0.0
443	3	-3.34e-03	-1.15e-03	-0.05	1.49e-05	-3.87e-05	0.0
443	20	-0.13	-0.36	-0.01	2.83e-04	-9.77e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
443	24	1.60e-03	-0.47	-5.26e-03	4.11e-04	-6.53e-05	0.0
443	25	-2.10e-04	-0.09	-0.09	3.54e-05	2.63e-06	0.0
443	52	-0.15	-0.37	-0.01	2.88e-04	-1.04e-04	0.0
443	56	1.84e-03	-0.49	-1.41e-03	4.28e-04	-6.82e-05	0.0
443	57	-1.55e-04	-0.08	-0.10	1.85e-05	5.86e-06	0.0
444	1	-1.60e-03	-0.35	-0.07	2.22e-04	-6.10e-06	0.0
444	2	-1.59e-03	-0.35	-0.07	2.22e-04	-6.06e-06	0.0
444	3	-3.01e-03	1.10e-03	-0.05	-2.29e-05	0.0	0.0
444	20	-0.13	-0.32	-0.03	2.29e-04	-6.01e-05	0.0
444	24	7.35e-04	-0.41	-0.02	3.48e-04	-2.98e-05	0.0
444	25	-1.03e-04	-0.14	-0.09	-6.24e-06	2.28e-05	0.0
444	52	-0.15	-0.33	-0.03	2.35e-04	-6.50e-05	0.0
444	56	9.24e-04	-0.42	-0.01	3.64e-04	-3.21e-05	0.0
444	57	-2.47e-06	-0.13	-0.09	-2.22e-05	2.53e-05	0.0
445	1	-4.05e-04	-0.35	-0.07	2.08e-04	-7.27e-06	0.0
445	2	-4.04e-04	-0.35	-0.07	2.08e-04	-7.29e-06	0.0
445	20	-0.13	-0.30	-0.04	2.04e-04	-5.27e-05	0.0
445	21	-1.58e-03	-0.17	-0.09	-3.92e-06	-3.73e-06	0.0
445	24	9.55e-04	-0.37	-0.02	3.24e-04	-7.48e-06	0.0
445	52	-0.15	-0.30	-0.04	2.08e-04	-5.68e-05	0.0
445	53	-1.70e-03	-0.16	-0.09	-1.86e-05	-3.64e-06	0.0
445	56	1.08e-03	-0.38	-0.02	3.38e-04	-7.56e-06	0.0
446	2	1.45e-03	-0.35	-0.07	2.56e-04	0.0	0.0
446	3	3.49e-03	1.03e-03	-0.06	-5.07e-06	-7.84e-06	0.0
446	17	0.13	-0.27	-0.05	1.53e-04	5.06e-05	0.0
446	27	-0.07	-0.16	-0.10	1.83e-05	-3.21e-05	0.0
446	30	-6.25e-03	-0.45	-0.02	3.72e-04	2.99e-05	0.0
446	49	0.15	-0.27	-0.05	1.50e-04	5.50e-05	0.0
446	59	-0.08	-0.15	-0.10	2.16e-06	-3.50e-05	0.0
446	62	-6.95e-03	-0.46	-0.01	3.87e-04	3.25e-05	0.0
447	2	1.33e-03	-0.35	-0.07	2.25e-04	-7.46e-06	0.0
447	3	2.87e-03	1.10e-03	-0.06	-2.04e-05	-1.63e-05	0.0
447	17	0.13	-0.26	-0.05	1.32e-04	4.17e-05	0.0
447	27	-0.07	-0.17	-0.09	1.34e-06	-3.42e-05	0.0
447	30	-6.09e-03	-0.41	-0.02	3.40e-04	2.06e-05	0.0
447	49	0.15	-0.26	-0.05	1.29e-04	4.58e-05	0.0
447	59	-0.08	-0.17	-0.10	-1.41e-05	-3.68e-05	0.0
447	62	-6.76e-03	-0.43	-0.02	3.55e-04	2.29e-05	0.0
448	2	6.08e-04	-0.35	-0.07	2.12e-04	-5.57e-06	0.0
448	3	1.46e-03	9.28e-04	-0.06	-2.68e-05	-1.13e-05	0.0
448	17	0.13	-0.25	-0.06	1.20e-04	4.25e-05	0.0
448	27	-0.07	-0.18	-0.09	-3.93e-06	-3.13e-05	0.0
448	30	-6.32e-03	-0.38	-0.02	3.25e-04	2.11e-05	0.0
448	49	0.15	-0.25	-0.06	1.17e-04	4.66e-05	0.0
448	59	-0.08	-0.17	-0.09	-1.89e-05	-3.38e-05	0.0
448	62	-6.96e-03	-0.40	-0.02	3.39e-04	2.34e-05	0.0
449	1	-1.06e-03	-0.35	-0.07	2.09e-04	-7.22e-06	0.0
449	2	-1.06e-03	-0.35	-0.07	2.09e-04	-7.21e-06	0.0
449	3	-1.78e-03	9.38e-04	-0.06	-2.93e-05	-3.69e-06	0.0
449	20	-0.13	-0.31	-0.04	2.15e-04	-6.01e-05	0.0
449	24	8.01e-04	-0.39	-0.02	3.33e-04	-2.96e-05	0.0
449	25	6.59e-04	-0.16	-0.09	-1.01e-05	2.07e-05	0.0
449	52	-0.15	-0.31	-0.04	2.20e-04	-6.49e-05	0.0
449	56	9.58e-04	-0.40	-0.01	3.49e-04	-3.17e-05	0.0
449	57	7.93e-04	-0.15	-0.09	-2.55e-05	2.31e-05	0.0
450	1	-1.37e-03	-0.35	-0.07	2.14e-04	-6.56e-06	0.0
450	2	-1.36e-03	-0.35	-0.07	2.14e-04	-6.55e-06	0.0
450	3	-2.43e-03	1.02e-03	-0.05	-2.71e-05	-1.27e-06	0.0
450	20	-0.13	-0.32	-0.03	2.21e-04	-5.97e-05	0.0
450	24	7.41e-04	-0.40	-0.02	3.39e-04	-2.94e-05	0.0
450	25	2.47e-04	-0.15	-0.09	-9.29e-06	2.16e-05	0.0
450	52	-0.15	-0.32	-0.03	2.26e-04	-6.46e-05	0.0
450	56	9.15e-04	-0.41	-0.01	3.55e-04	-3.16e-05	0.0
450	57	3.64e-04	-0.14	-0.09	-2.50e-05	2.40e-05	0.0
451	1	-7.26e-04	-0.35	-0.07	2.08e-04	-7.50e-06	0.0
451	2	-7.24e-04	-0.35	-0.07	2.07e-04	-7.49e-06	0.0
451	3	-1.08e-03	8.87e-04	-0.06	-2.98e-05	-6.08e-06	0.0
451	20	-0.13	-0.31	-0.04	2.12e-04	-6.04e-05	0.0
451	24	8.85e-04	-0.38	-0.02	3.30e-04	-2.97e-05	0.0
451	25	1.09e-03	-0.17	-0.09	-9.68e-06	2.05e-05	0.0
451	52	-0.15	-0.31	-0.04	2.17e-04	-6.52e-05	0.0
451	56	1.03e-03	-0.39	-0.02	3.45e-04	-3.19e-05	0.0
451	57	1.24e-03	-0.16	-0.09	-2.49e-05	2.28e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
452	2	-1.71e-03	-0.35	-0.07	2.35e-04	-7.74e-06	0.0
452	3	-3.47e-03	1.16e-03	-0.05	-1.60e-05	0.0	0.0
452	20	-0.13	-0.33	-0.03	2.42e-04	-6.31e-05	0.0
452	24	8.20e-04	-0.43	-0.01	3.62e-04	-3.26e-05	0.0
452	25	-3.71e-04	-0.13	-0.09	0.0	2.30e-05	0.0
452	52	-0.15	-0.34	-0.03	2.47e-04	-6.82e-05	0.0
452	56	1.03e-03	-0.44	-0.01	3.78e-04	-3.50e-05	0.0
452	57	-2.87e-04	-0.11	-0.09	-1.57e-05	2.56e-05	0.0
453	2	-1.60e-03	-0.35	-0.07	2.53e-04	-1.53e-05	0.0
453	3	-3.65e-03	1.01e-03	-0.05	-7.60e-06	-8.98e-06	0.0
453	20	-0.13	-0.34	-0.02	2.56e-04	-7.18e-05	0.0
453	24	1.05e-03	-0.44	-0.01	3.79e-04	-4.07e-05	0.0
453	25	-4.46e-04	-0.12	-0.09	1.06e-05	1.95e-05	0.0
453	52	-0.15	-0.35	-0.02	2.61e-04	-7.71e-05	0.0
453	56	1.27e-03	-0.46	-7.95e-03	3.96e-04	-4.33e-05	0.0
453	57	-3.77e-04	-0.10	-0.09	-5.99e-06	2.23e-05	0.0
454	2	-1.26e-03	-0.35	-0.07	2.72e-04	-3.15e-05	0.0
454	3	-3.48e-03	3.33e-04	-0.05	1.31e-06	-2.77e-05	0.0
454	20	-0.13	-0.35	-0.02	2.70e-04	-8.76e-05	0.0
454	24	1.43e-03	-0.46	-8.76e-03	3.97e-04	-5.58e-05	0.0
454	25	-2.97e-04	-0.10	-0.09	2.28e-05	9.80e-06	0.0
454	52	-0.15	-0.36	-0.02	2.76e-04	-9.32e-05	0.0
454	56	1.66e-03	-0.47	-5.05e-03	4.14e-04	-5.86e-05	0.0
454	57	-2.38e-04	-0.09	-0.10	5.94e-06	1.29e-05	0.0
Nodo		**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		-0.24	-0.68	-0.20	-1.26e-04	-8.75e-04	-8.18e-04
		0.23	0.02	-1.41e-03	8.24e-04	8.48e-04	8.33e-04

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm
Nodo		**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.
Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione Fz (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.
In particolare viene riportato:

Nodo		numero del nodo a cui è applicato il plinto
Tipo		Codice identificativo del nome assegnato al plinto
area		area dell'impronta del plinto
Wink O	**Wink V**	coefficienti di Winkler (orizzontale e verticale) adottati
Comb		Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)		valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

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

Test N°	Titolo
105	PLINTO SUPERFICIALE
106	PLINTO SUPERFICIALE
107	PLINTO SUPERFICIALE
108	PLINTO SUPERFICIALE
109	PLINTO SUPERFICIALE
110	PLINTO SUPERFICIALE
111	PLINTO SUPERFICIALE
112	PLINTO SUPERFICIALE
113	PLINTO SUPERFICIALE
114	PLINTO SUPERFICIALE
115	PLINTO SUPERFICIALE
116	PLINTO SUPERFICIALE
117	PLINTO SUPERFICIALE
118	PLINTO SUPERFICIALE
119	PLINTO SUPERFICIALE
120	PLINTO SUPERFICIALE
121	PLINTO SUPERFICIALE
122	PLINTO SUPERFICIALE
123	PLINTO SUPERFICIALE
124	FONDAZIONE NASTRIFORME
125	CALCOLO DEI K DI WINKLER

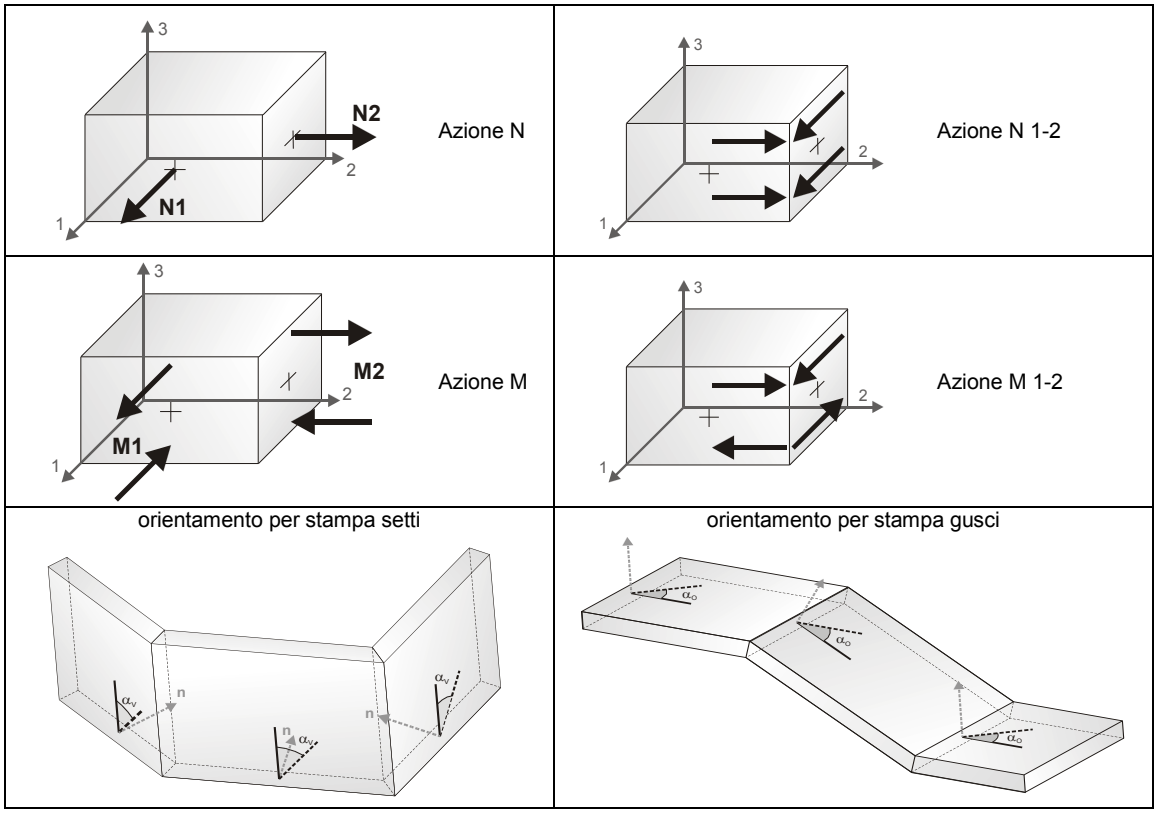
Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2
1	-1.96	-1.98	-2.02								
2	-1.91	-1.95	-1.99								
3	-0.73	-0.97	-1.01								
4	-0.67	-0.92	-0.96								
42	-1.21	-1.04	-1.05								
51	-1.21	-0.97	-0.97								
58	-1.22	-0.99	-1.00								
63	-1.21	-0.94	-0.94								
66	-1.94	-1.90	-1.94								
68	-1.25	-1.07	-1.08								
70	-1.90	-1.83	-1.87								
76	-1.91	-1.85	-1.89								
96	-1.90	-1.87	-1.91								
104	-1.90	-1.84	-1.87								
109	-1.90	-1.85	-1.88								
114	-1.90	-1.86	-1.89								
133	-1.90	-1.89	-1.93								
138	-1.91	-1.91	-1.95								
143	-1.91	-1.93	-1.97								
171	-1.57	-1.50	-1.53								
176	-1.26	-1.21	-1.23								
181	-0.96	-1.01	-1.04								
207	-1.58	-1.43	-1.45								
250	-1.96	-1.94	-1.98								
253	-0.72	-0.90	-0.93								
258	-0.74	-0.88	-0.91								
275	-0.75	-0.96	-0.99								
286	-1.02	-1.06	-1.08								
288	-1.32	-1.26	-1.28								
290	-1.64	-1.55	-1.57								
309	-1.20	-0.99	-1.00								

Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
313	-1.21	-1.02	-1.02								
323	-0.75	-0.93	-0.96								
333	-0.74	-0.90	-0.93								
353	-0.73	-0.89	-0.92								
359	-0.72	-0.89	-0.92								
360	-0.73	-0.88	-0.91								
387	-0.71	-0.91	-0.94								
392	-0.71	-0.92	-0.95								
397	-0.69	-0.92	-0.95								
417	-0.98	-0.95	-0.97								
418	-1.26	-1.13	-1.14								
419	-1.55	-1.43	-1.46								
420	-0.94	-0.88	-0.90								
421	-0.94	-0.89	-0.90								
422	-0.94	-0.89	-0.91								
423	-0.95	-0.91	-0.92								
424	-0.99	-0.99	-1.01								
425	-1.28	-1.18	-1.20								
426	-1.57	-1.48	-1.50								
427	-1.50	-1.37	-1.39								
428	-1.52	-1.36	-1.37								
429	-1.49	-1.32	-1.34								
430	-1.49	-1.33	-1.35								
431	-0.96	-0.93	-0.94								
432	-1.49	-1.34	-1.35								
433	-1.23	-1.08	-1.09								
434	-1.52	-1.40	-1.42								
435	-0.96	-0.90	-0.92								
436	-1.49	-1.35	-1.37								
437	-1.62	-1.49	-1.51								
438	-1.31	-1.18	-1.19								
439	-1.02	-0.99	-1.01								
440	-0.98	-0.94	-0.96								
441	-0.94	-0.88	-0.89								
442	-0.68	-0.97	-1.01								
443	-0.62	-0.91	-0.95								
444	-0.69	-0.90	-0.93								
445	-0.70	-0.88	-0.91								
446	-0.71	-0.95	-0.99								
447	-0.71	-0.93	-0.96								
448	-0.71	-0.90	-0.93								
449	-0.70	-0.89	-0.92								
450	-0.69	-0.89	-0.93								
451	-0.70	-0.88	-0.92								
452	-0.68	-0.91	-0.94								
453	-0.67	-0.91	-0.95								
454	-0.65	-0.92	-0.95								
Nodo (G)	**Pt 1/12**	**Pt 2/13**	**Pt 3...**	**Pt 4...**							
	-2.02										
	-0.62										

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate.
Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
N max		sforzo membranale principale massimo
N min		sforzo membranale principale minimo
M max		sforzo flessionale principale massimo
M min		sforzo flessionale principale minimo
N1	**N2**	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
N1-2	**M1**	
M2	**M1-2**	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.
In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.
I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_O attorno all'asse Z per i gusci e ruotata di α_V attorno alla normale (che per definizione è orizzontale) al piano del setto.
Per i setti, in particolare, se α_V è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.
Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
2	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
2	3	0.0	-1.436e+04	-2364.26	1.647e+04	1.735e+05	-9.059e+05	2620.43
2	3	65.00	-1.526e+04	-2244.41	1.112e+04	1.984e+05	-9177.86	1.336e+04
2	3	130.00	-1.056e+04	-2321.36	6506.01	1.707e+05	5.791e+05	1.024e+04
2	3	195.00	-7079.03	-2332.74	1135.15	1.377e+05	8.348e+05	3673.84
2	3	260.00	-4514.28	-2310.34	-3835.05	9.653e+04	7.510e+05	-2554.19
2	3	292.50	-1580.02	-2262.66	-5873.73	1.163e+05	5.730e+05	-4594.67
2	3	325.00	-196.65	-2260.83	-7925.39	1.108e+05	3.486e+05	-6048.06
2	3	357.50	1447.47	-2262.46	-9904.64	9.940e+04	5.900e+04	-6242.46
2	3	390.00	3536.19	-2274.45	-1.203e+04	8.849e+04	-2.965e+05	-4313.54
2	3	425.00	6461.60	-2312.63	-1.542e+04	5.784e+04	-7.701e+05	343.93
2	5	0.0	-1.321e+04	1.075e+04	8817.32	-1.870e+06	-3.552e+05	1.080e+04
2	5	65.00	-1.526e+04	1.075e+04	6531.66	-1.686e+06	9.652e+04	1.858e+04
2	5	130.00	-1.372e+04	1.000e+04	3980.72	-1.413e+06	4.513e+05	6389.40
2	5	195.00	-1.259e+04	8922.41	700.30	-1.128e+06	6.125e+05	-4235.18
2	5	260.00	-1.219e+04	7813.25	-2508.40	-1.041e+06	5.550e+05	-291.81
2	5	292.50	-1.027e+04	7053.47	-3910.31	-7.930e+05	4.408e+05	-1268.07
2	5	325.00	-9637.54	6566.94	-5293.04	-6.523e+05	2.939e+05	-2497.08
2	5	357.50	-8754.48	6026.66	-6635.27	-5.205e+05	1.050e+05	-1330.59
2	5	390.00	-7440.64	5576.65	-8152.88	-3.877e+05	-1.411e+05	696.97
2	5	425.00	-5316.30	5131.25	-1.056e+04	-2.321e+05	-4.634e+05	3952.53
2	15	0.0	-1.300e+04	-1.714e+04	9054.13	2.546e+06	-3.584e+05	-4402.80
2	15	65.00	-1.521e+04	-1.714e+04	6768.47	2.337e+06	9.352e+04	5801.61
2	15	130.00	-1.375e+04	-1.592e+04	4020.71	1.715e+06	4.516e+05	8497.78
2	15	195.00	-1.270e+04	-1.397e+04	726.35	1.299e+06	6.123e+05	5849.28
2	15	260.00	-1.226e+04	-1.210e+04	-2528.27	9.810e+05	5.569e+05	-568.79
2	15	292.50	-1.021e+04	-1.084e+04	-3940.65	8.070e+05	4.423e+05	-2899.56
2	15	325.00	-9566.44	-1.015e+04	-5324.67	6.565e+05	2.904e+05	-4175.58
2	15	357.50	-8672.42	-9601.97	-6679.52	5.118e+05	9.289e+04	-5339.14
2	15	390.00	-7344.52	-9041.92	-8212.73	3.753e+05	-1.455e+05	-5144.97
2	15	425.00	-5138.06	-8562.26	-1.064e+04	2.427e+05	-4.696e+05	-2522.25
2	25	0.0	-2.574e+04	73.57	1.096e+04	-5.874e+05	-5.308e+05	9359.52
2	25	65.00	-2.617e+04	69.77	8674.70	-4.452e+05	-7.861e+04	1.688e+04
2	25	130.00	-2.331e+04	-367.61	5193.25	-3.758e+05	3.804e+05	8900.05
2	25	195.00	-2.007e+04	-677.20	1542.31	-1.579e+05	6.096e+05	5069.88
2	25	260.00	-1.740e+04	-1108.08	-1972.01	-2.105e+05	5.967e+05	1429.50
2	25	292.50	-1.427e+04	-1345.98	-3520.47	-1.142e+05	5.050e+05	-79.31
2	25	325.00	-1.274e+04	-1465.15	-4986.75	-7.086e+04	3.664e+05	-1306.37
2	25	357.50	-1.105e+04	-1806.12	-6389.19	-4.284e+04	1.807e+05	-1366.55
2	25	390.00	-9016.00	-1903.10	-8094.52	-1.694e+04	-5.386e+04	-238.31
2	25	425.00	-6165.84	-2120.47	-1.056e+04	1.154e+04	-3.730e+05	2297.42
2	28	0.0	1.029e+04	-1867.70	5223.54	9.900e+05	-3.248e+04	-5973.13
2	28	65.00	4951.75	-1871.50	2937.88	7.975e+05	4.187e+05	-3179.65
2	28	130.00	3403.59	-1554.94	1757.95	5.750e+05	5.830e+05	2071.20
2	28	195.00	382.27	-1227.82	-810.45	2.180e+05	6.151e+05	-1710.61
2	28	260.00	-2425.27	-722.71	-3527.87	1.618e+05	4.805e+05	-5717.24
2	28	292.50	-2792.23	-417.34	-4654.12	8.313e+04	3.248e+05	-6907.08
2	28	325.00	-3821.06	-328.53	-5899.83	2.153e+04	1.538e+05	-7706.77
2	28	357.50	-4423.86	-60.12	-7147.54	-2.663e+04	-5.719e+04	-8187.45
2	28	390.00	-4419.43	-69.45	-8338.32	-6.514e+04	-3.080e+05	-7114.93
2	28	425.00	-3514.48	63.66	-1.067e+04	-7.732e+04	-6.381e+05	-3502.86
2	37	0.0	-1.371e+04	1.184e+04	8884.40	-2.050e+06	-3.622e+05	1.156e+04
2	37	65.00	-1.567e+04	1.184e+04	6598.74	-1.847e+06	8.960e+04	1.957e+04
2	37	130.00	-1.406e+04	1.103e+04	4028.17	-1.544e+06	4.485e+05	6476.18
2	37	195.00	-1.283e+04	9845.89	731.44	-1.229e+06	6.126e+05	-4789.71
2	37	260.00	-1.238e+04	8630.02	-2486.77	-1.129e+06	5.565e+05	-112.92
2	37	292.50	-1.042e+04	7796.22	-3895.75	-8.596e+05	4.433e+05	-1105.56
2	37	325.00	-9752.47	7265.68	-5281.82	-7.056e+05	2.970e+05	-2368.10
2	37	357.50	-8838.07	6678.42	-6626.83	-5.610e+05	1.090e+05	-1063.62
2	37	390.00	-7497.47	6191.45	-8144.53	-4.157e+05	-1.375e+05	1025.86
2	37	425.00	-5356.79	5708.95	-1.056e+04	-2.474e+05	-4.597e+05	4288.45
2	47	0.0	-1.347e+04	-1.865e+04	9143.93	2.754e+06	-3.656e+05	-4903.51
2	47	65.00	-1.562e+04	-1.866e+04	6858.27	2.530e+06	8.639e+04	5783.66
2	47	130.00	-1.409e+04	-1.732e+04	4071.65	1.863e+06	4.489e+05	8772.23
2	47	195.00	-1.296e+04	-1.519e+04	759.71	1.414e+06	6.124e+05	6237.69
2	47	260.00	-1.246e+04	-1.314e+04	-2508.74	1.070e+06	5.585e+05	-433.27
2	47	292.50	-1.035e+04	-1.177e+04	-3928.72	8.785e+05	4.448e+05	-2790.26

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
2	47	325.00	-9673.26	-1.102e+04	-5316.35	7.157e+05	2.933e+05	-4044.73
2	47	357.50	-8746.33	-1.041e+04	-6675.11	5.591e+05	9.580e+04	-5300.71
2	47	390.00	-7389.59	-9795.29	-8209.80	4.108e+05	-1.424e+05	-5143.55
2	47	425.00	-5160.64	-9266.59	-1.064e+04	2.642e+05	-4.664e+05	-2586.03
2	57	0.0	-2.736e+04	167.75	1.123e+04	-6.567e+05	-5.541e+05	1.005e+04
2	57	65.00	-2.756e+04	163.95	8940.90	-4.989e+05	-1.019e+05	1.777e+04
2	57	130.00	-2.449e+04	-311.17	5354.29	-4.164e+05	3.712e+05	9223.29
2	57	195.00	-2.098e+04	-651.32	1651.71	-1.787e+05	6.095e+05	5385.30
2	57	260.00	-1.805e+04	-1126.09	-1902.94	-2.236e+05	6.021e+05	1763.52
2	57	292.50	-1.476e+04	-1389.50	-3474.11	-1.194e+05	5.135e+05	221.56
2	57	325.00	-1.311e+04	-1518.46	-4953.41	-7.146e+04	3.762e+05	-1033.96
2	57	357.50	-1.131e+04	-1887.79	-6366.95	-3.989e+04	1.916e+05	-1085.85
2	57	390.00	-9190.55	-1988.81	-8074.76	-1.192e+04	-4.230e+04	38.14
2	57	425.00	-6273.92	-2221.08	-1.055e+04	1.465e+04	-3.612e+05	2510.56
2	60	0.0	1.192e+04	-1961.88	4957.35	1.059e+06	-9139.11	-6665.12
2	60	65.00	6345.36	-1965.68	2671.69	8.511e+05	4.420e+05	-4069.25
2	60	130.00	4585.26	-1611.38	1596.91	6.156e+05	5.922e+05	1747.96
2	60	195.00	1291.83	-1253.70	-919.85	2.388e+05	6.152e+05	-2026.03
2	60	260.00	-1776.25	-704.70	-3596.95	1.750e+05	4.752e+05	-6051.27
2	60	292.50	-2301.26	-373.83	-4700.47	8.828e+04	3.163e+05	-7207.94
2	60	325.00	-3447.29	-275.22	-5933.18	2.213e+04	1.439e+05	-7979.18
2	60	357.50	-4156.96	21.55	-7169.78	-2.957e+04	-6.813e+04	-8468.15
2	60	390.00	-4244.88	16.26	-8358.08	-7.016e+04	-3.196e+05	-7391.38
2	60	425.00	-3406.41	164.27	-1.067e+04	-8.043e+04	-6.500e+05	-3716.01
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.756e+04	-1.866e+04	-1.542e+04	-2.050e+06	-9.059e+05	-8468.15
			1.192e+04	1.184e+04	1.647e+04	2.754e+06	8.348e+05	1.957e+04

Macro	Tipo	Angolo 1-Z (gradi)
3	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	2	0.0	-4.272e+04	895.26	-4.057e+04	-2.154e+05	2.388e+06	-9833.44
3	2	65.00	-3.852e+04	763.98	-3.618e+04	-6.301e+05	-1.070e+05	-2.894e+04
3	2	130.00	-2.665e+04	298.61	-1.789e+04	-9.828e+05	-1.102e+06	-2.122e+04
3	2	195.00	-1.733e+04	50.77	-5621.03	-9.927e+05	-1.265e+06	-3629.36
3	2	260.00	-1.103e+04	-199.36	4504.07	-6.209e+05	-8.507e+05	1.513e+04
3	2	292.50	-7500.42	-308.69	8888.96	-6.158e+05	-5.649e+05	-4.182e+04
3	2	325.00	-6153.24	-471.43	8935.29	-3.858e+05	-2.773e+05	-7.072e+04
3	2	357.50	-4981.17	-642.54	9746.89	-1.779e+05	2.401e+04	-8.508e+04
3	2	390.00	-3687.62	-838.64	1.144e+04	1.069e+04	3.655e+05	-6.965e+04
3	2	425.00	-1548.34	-1196.27	1.496e+04	3.197e+05	8.203e+05	2.301e+04
3	3	0.0	-1.444e+04	-231.33	-1.180e+04	1.204e+05	5.874e+05	-2454.74
3	3	65.00	-1.555e+04	-192.73	-7392.63	3.634e+05	-3.645e+04	-1.526e+04
3	3	130.00	-1.052e+04	-461.07	-3879.49	5.631e+05	-4.127e+05	-1.121e+04
3	3	195.00	-6034.37	-839.16	-371.40	7.787e+05	-5.561e+05	-184.90
3	3	260.00	-2489.22	-1279.40	2610.09	9.684e+05	-4.882e+05	9000.22
3	3	292.50	248.62	-1453.73	3794.17	1.019e+06	-3.725e+05	-6.950e+04
3	3	325.00	985.43	-1647.66	5172.02	9.444e+05	-2.272e+05	-1.104e+05
3	3	357.50	1720.44	-1755.44	6708.92	8.107e+05	-3.495e+04	-1.232e+05
3	3	390.00	2816.36	-1819.17	8631.45	6.578e+05	2.128e+05	-9.264e+04
3	3	425.00	5153.10	-2036.88	1.186e+04	4.077e+05	5.648e+05	1.976e+04
3	10	0.0	-3.987e+04	1.666e+04	-3.187e+04	-1.574e+06	1.843e+06	-2.014e+04
3	10	65.00	-3.588e+04	1.656e+04	-2.848e+04	-1.644e+06	-7.616e+04	-3.060e+04
3	10	130.00	-2.575e+04	1.340e+04	-1.379e+04	-1.395e+06	-8.686e+05	-1.167e+04
3	10	195.00	-1.686e+04	1.011e+04	-4304.68	-1.007e+06	-9.878e+05	8175.10
3	10	260.00	-1.036e+04	7496.06	3670.16	-4.639e+05	-6.546e+05	1.324e+04
3	10	292.50	-7646.30	6143.09	6891.41	-7.993e+05	-4.332e+05	-2.927e+04
3	10	325.00	-5779.56	5703.25	6918.52	-5.076e+05	-2.133e+05	-5.263e+04
3	10	357.50	-4544.47	5189.04	7529.25	-3.295e+05	1.533e+04	-6.386e+04
3	10	390.00	-2806.74	4590.27	8772.96	-1.579e+05	2.806e+05	-5.452e+04
3	10	425.00	-974.85	4100.04	1.147e+04	1.949e+05	6.309e+05	1.143e+04
3	23	0.0	-1.177e+04	-3074.52	-2.752e+04	6.289e+05	1.712e+06	756.16
3	23	65.00	-1.148e+04	-3174.18	-2.413e+04	7.106e+04	-2.057e+05	-1.196e+04
3	23	130.00	-5307.96	-3791.41	-1.246e+04	-4.634e+05	-8.158e+05	-1.008e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
3	23	195.00	-1799.83	-2726.50	-4005.50	-6.068e+05	-8.927e+05	-301.82
3	23	260.00	-386.02	-2078.79	3050.82	-3.686e+05	-5.829e+05	1.334e+04
3	23	292.50	801.73	-1398.41	6284.77	-7.074e+04	-3.861e+05	-2.447e+04
3	23	325.00	-1346.92	-2316.78	6376.64	-2.258e+04	-1.798e+05	-4.560e+04
3	23	357.50	-1531.46	-2089.27	7006.79	5.235e+04	3.800e+04	-5.669e+04
3	23	390.00	-1870.78	-1992.50	8363.54	1.076e+05	2.819e+05	-4.661e+04
3	23	425.00	-1488.50	-1458.93	1.100e+04	1.840e+05	6.132e+05	2.113e+04
3	24	0.0	-5.270e+04	-4404.86	-3.514e+04	-1.477e+05	1.981e+06	-7806.40
3	24	65.00	-4.651e+04	-4504.52	-3.176e+04	-3.625e+05	5.996e+04	-2.716e+04
3	24	130.00	-3.442e+04	-3005.37	-1.525e+04	-6.915e+05	-8.714e+05	-2.538e+04
3	24	195.00	-2.399e+04	-2675.19	-4699.10	-7.999e+05	-1.057e+06	-1.197e+04
3	24	260.00	-1.608e+04	-2228.50	3839.00	-6.213e+05	-7.361e+05	9494.25
3	24	292.50	-1.158e+04	-2346.77	7461.95	-7.413e+05	-4.903e+05	-4.305e+04
3	24	325.00	-7532.33	-1438.55	7449.27	-4.765e+05	-2.498e+05	-6.538e+04
3	24	357.50	-5468.39	-1713.33	8091.93	-2.010e+05	1314.10	-7.598e+04
3	24	390.00	-3303.03	-1921.37	9383.07	3.969e+04	2.859e+05	-6.022e+04
3	24	425.00	-358.95	-2788.78	1.221e+04	3.761e+05	6.596e+05	1.789e+04
3	26	0.0	-5.353e+04	4117.70	-3.499e+04	-1.015e+06	1.966e+06	-1.537e+04
3	26	65.00	-4.732e+04	4018.04	-3.160e+04	-1.103e+06	4.561e+04	-3.263e+04
3	26	130.00	-3.522e+04	4025.30	-1.511e+04	-1.098e+06	-8.774e+05	-2.359e+04
3	26	195.00	-2.443e+04	2632.32	-4645.63	-9.672e+05	-1.054e+06	-7250.83
3	26	260.00	-1.628e+04	1607.70	3874.73	-6.612e+05	-7.277e+05	9651.51
3	26	292.50	-1.188e+04	748.94	7418.02	-8.596e+05	-4.839e+05	-4.083e+04
3	26	325.00	-7690.97	1405.53	7401.77	-5.543e+05	-2.463e+05	-6.380e+04
3	26	357.50	-5644.29	905.73	8029.41	-3.038e+05	1284.79	-7.474e+04
3	26	390.00	-3389.94	501.68	9294.35	-5.954e+04	2.843e+05	-6.083e+04
3	26	425.00	-459.42	-580.98	1.209e+04	3.224e+05	6.550e+05	1.480e+04
3	42	0.0	-4.049e+04	1.815e+04	-3.190e+04	-1.691e+06	1.843e+06	-2.130e+04
3	42	65.00	-3.640e+04	1.805e+04	-2.852e+04	-1.744e+06	-7.614e+04	-3.136e+04
3	42	130.00	-2.621e+04	1.463e+04	-1.379e+04	-1.446e+06	-8.702e+05	-1.123e+04
3	42	195.00	-1.718e+04	1.105e+04	-4303.92	-1.027e+06	-9.890e+05	9222.10
3	42	260.00	-1.053e+04	8212.10	3686.57	-4.626e+05	-6.545e+05	1.334e+04
3	42	292.50	-7826.95	6739.46	6893.58	-8.271e+05	-4.331e+05	-2.895e+04
3	42	325.00	-5890.92	6269.96	6919.85	-5.256e+05	-2.134e+05	-5.243e+04
3	42	357.50	-4629.05	5720.04	7529.15	-3.509e+05	1.495e+04	-6.368e+04
3	42	390.00	-2825.47	5079.93	8767.57	-1.758e+05	2.802e+05	-5.458e+04
3	42	425.00	-972.73	4564.38	1.147e+04	1.911e+05	6.304e+05	1.088e+04
3	55	0.0	-9996.10	-3427.57	-2.724e+04	6.923e+05	1.702e+06	1501.04
3	55	65.00	-1.001e+04	-3527.23	-2.386e+04	1.121e+05	-2.158e+05	-1.102e+04
3	55	130.00	-4056.99	-4167.13	-1.235e+04	-4.354e+05	-8.139e+05	-9507.19
3	55	195.00	-852.82	-2985.36	-3973.98	-5.891e+05	-8.861e+05	-97.42
3	55	260.00	276.04	-2258.85	3017.30	-3.560e+05	-5.767e+05	1.367e+04
3	55	292.50	1325.96	-1506.73	6238.73	-3.574e+04	-3.818e+05	-2.384e+04
3	55	325.00	-1057.75	-2498.37	6335.08	-3542.42	-1.768e+05	-4.481e+04
3	55	357.50	-1353.46	-2238.99	6964.60	6.977e+04	3.959e+04	-5.592e+04
3	55	390.00	-1830.59	-2120.52	8323.39	1.151e+05	2.823e+05	-4.603e+04
3	55	425.00	-1532.75	-1507.16	1.095e+04	1.808e+05	6.121e+05	2.139e+04
3	56	0.0	-5.441e+04	-4875.88	-3.544e+04	-1.456e+05	1.993e+06	-7808.59
3	56	65.00	-4.792e+04	-4975.54	-3.205e+04	-3.473e+05	7.176e+04	-2.760e+04
3	56	130.00	-3.561e+04	-3307.56	-1.537e+04	-6.920e+05	-8.725e+05	-2.622e+04
3	56	195.00	-2.490e+04	-2928.79	-4736.00	-8.097e+05	-1.063e+06	-1.280e+04
3	56	260.00	-1.675e+04	-2421.93	3868.00	-6.396e+05	-7.434e+05	9119.20
3	56	292.50	-1.208e+04	-2543.41	7513.26	-7.685e+05	-4.954e+05	-4.395e+04
3	56	325.00	-7810.85	-1539.60	7496.01	-4.908e+05	-2.533e+05	-6.635e+04
3	56	357.50	-5623.37	-1826.35	8140.46	-2.091e+05	-293.58	-7.691e+04
3	56	390.00	-3334.65	-2038.67	9432.42	4.127e+04	2.857e+05	-6.079e+04
3	56	425.00	-308.68	-2965.56	1.227e+04	3.824e+05	6.611e+05	1.797e+04
3	58	0.0	-5.530e+04	4441.30	-3.527e+04	-1.086e+06	1.977e+06	-1.607e+04
3	58	65.00	-4.880e+04	4341.63	-3.188e+04	-1.150e+06	5.612e+04	-3.357e+04
3	58	130.00	-3.647e+04	4380.84	-1.522e+04	-1.133e+06	-8.791e+05	-2.426e+04
3	58	195.00	-2.538e+04	2876.00	-4677.65	-9.916e+05	-1.060e+06	-7645.08
3	58	260.00	-1.696e+04	1773.47	3907.03	-6.826e+05	-7.341e+05	9286.39
3	58	292.50	-1.240e+04	841.98	7465.15	-8.967e+05	-4.884e+05	-4.154e+04
3	58	325.00	-7983.67	1570.55	7444.01	-5.757e+05	-2.494e+05	-6.464e+04
3	58	357.50	-5819.08	1037.72	8072.09	-3.221e+05	-319.44	-7.556e+04
3	58	390.00	-3432.70	611.06	9335.48	-6.712e+04	2.839e+05	-6.146e+04
3	58	425.00	-417.21	-551.60	1.214e+04	3.251e+05	6.561e+05	1.461e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.530e+04	-4975.54	-4.057e+04	-1.744e+06	-1.265e+06	-1.232e+05
			5153.10	1.815e+04	1.496e+04	1.019e+06	2.388e+06	2.301e+04

Macro	Tipo	Angolo 1-Z (gradi)
4	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
4	1	0.0	-4.400e+04	2978.52	-2.449e+04	-1.832e+06	1.613e+06	-5911.60
4	1	65.00	-4.956e+04	2091.43	-2.091e+04	-4.662e+05	1.378e+05	-2.745e+05
4	1	130.00	-5.069e+04	2078.47	-1.046e+04	4.183e+05	-4.950e+05	-2.261e+05
4	1	195.00	-4.951e+04	1521.11	-2855.20	7.762e+05	-6.115e+05	-2.790e+04
4	1	260.00	-4.640e+04	991.50	2977.28	6.801e+05	-3.651e+05	1.569e+05
4	1	292.50	-4.370e+04	811.55	5207.96	4.943e+05	-1.939e+05	2.041e+05
4	1	325.00	-4.144e+04	656.50	4927.95	2.759e+05	-2.937e+04	2.223e+05
4	1	357.50	-3.903e+04	519.35	4773.92	2.189e+04	1.279e+05	2.061e+05
4	1	390.00	-3.649e+04	280.10	4723.06	-2.687e+05	2.820e+05	1.498e+05
4	1	425.00	-3.348e+04	-757.69	5209.12	-6.647e+05	4.513e+05	1.348e+04
4	2	0.0	-4.565e+04	2944.43	-2.448e+04	-1.881e+06	1.613e+06	-5673.96
4	2	65.00	-5.124e+04	2041.66	-2.091e+04	-5.110e+05	1.377e+05	-2.742e+05
4	2	130.00	-5.240e+04	2027.04	-1.046e+04	3.766e+05	-4.950e+05	-2.260e+05
4	2	195.00	-5.124e+04	1468.89	-2854.75	7.348e+05	-6.115e+05	-2.779e+04
4	2	260.00	-4.813e+04	938.22	2977.95	6.362e+05	-3.650e+05	1.569e+05
4	2	292.50	-4.543e+04	757.06	5208.08	4.479e+05	-1.938e+05	2.040e+05
4	2	325.00	-4.316e+04	599.49	4926.23	2.264e+05	-2.933e+04	2.222e+05
4	2	357.50	-4.075e+04	456.29	4767.06	-3.161e+04	1.279e+05	2.059e+05
4	2	390.00	-3.819e+04	203.20	4703.78	-3.269e+05	2.815e+05	1.493e+05
4	2	425.00	-3.517e+04	-865.02	5164.57	-7.282e+05	4.497e+05	1.287e+04
4	3	0.0	-2.877e+04	4149.90	-774.01	-2.227e+05	3.000e+04	1.040e+04
4	3	65.00	-3.022e+04	3048.62	6.37	3.242e+05	5053.79	1.294e+04
4	3	130.00	-2.777e+04	3304.31	-114.49	4.975e+05	-2579.68	6626.20
4	3	195.00	-2.475e+04	3448.28	-66.30	5.578e+05	-8675.54	1984.87
4	3	260.00	-2.134e+04	3585.50	-26.63	5.438e+05	-1.150e+04	-1513.96
4	3	292.50	-1.894e+04	3657.74	-10.93	5.143e+05	-1.174e+04	-2613.28
4	3	325.00	-1.708e+04	3731.57	-0.53	4.787e+05	-1.191e+04	-3312.56
4	3	357.50	-1.515e+04	3815.85	10.84	4.318e+05	-1.177e+04	-3795.96
4	3	390.00	-1.310e+04	3889.99	71.71	3.592e+05	-1.073e+04	-4608.15
4	3	425.00	-1.051e+04	3483.95	704.11	1.900e+05	-1623.73	-2868.83
4	17	0.0	-3.885e+04	1.119e+04	-1.800e+04	-2.697e+06	1.188e+06	-6135.67
4	17	65.00	-4.319e+04	1.050e+04	-1.524e+04	-1.615e+06	5.295e+04	-2.082e+05
4	17	130.00	-4.287e+04	9228.51	-7622.10	-6.439e+05	-3.907e+05	-1.669e+05
4	17	195.00	-4.097e+04	7313.38	-2010.72	-1.335e+05	-4.555e+05	-1.371e+04
4	17	260.00	-3.783e+04	5758.87	2195.68	-8734.18	-2.596e+05	1.232e+05
4	17	292.50	-3.514e+04	5083.67	3916.45	6988.96	-1.314e+05	1.565e+05
4	17	325.00	-3.313e+04	4797.70	3711.42	-8.198e+04	-8546.80	1.692e+05
4	17	357.50	-3.102e+04	4522.40	3577.29	-2.016e+05	1.089e+05	1.551e+05
4	17	390.00	-2.862e+04	4167.60	3505.46	-3.069e+05	2.242e+05	1.105e+05
4	17	425.00	-2.636e+04	3167.80	3983.33	-5.220e+05	3.461e+05	7361.74
4	22	0.0	-3.058e+04	1539.57	-2.225e+04	-2.089e+06	1.414e+06	-6277.79
4	22	65.00	-3.472e+04	848.83	-1.950e+04	-1.044e+06	2.786e+05	-2.266e+05
4	22	130.00	-3.713e+04	705.58	-9351.55	-1.119e+05	-3.526e+05	-2.074e+05
4	22	195.00	-3.740e+04	4.54	-2826.26	3.432e+05	-5.124e+05	-4.316e+04
4	22	260.00	-3.597e+04	-638.07	2545.75	4.163e+05	-3.364e+05	1.195e+05
4	22	292.50	-3.497e+04	-925.97	4330.01	2.418e+05	-1.982e+05	1.737e+05
4	22	325.00	-3.360e+04	-1113.16	4162.32	1.010e+05	-6.271e+04	1.940e+05
4	22	357.50	-3.213e+04	-1302.90	4119.35	-6.921e+04	6.745e+04	1.860e+05
4	22	390.00	-3.037e+04	-1593.90	3997.13	-2.635e+05	2.008e+05	1.430e+05
4	22	425.00	-2.835e+04	-2606.44	4117.65	-5.588e+05	3.472e+05	2.276e+04
4	27	0.0	-3.875e+04	2569.89	-1.541e+04	-7.221e+05	1.064e+06	-2133.37
4	27	65.00	-4.319e+04	1879.15	-1.266e+04	3.370e+05	-7.030e+04	-1.960e+05
4	27	130.00	-4.259e+04	2093.35	-6691.46	7.506e+05	-4.098e+05	-1.383e+05
4	27	195.00	-4.055e+04	2032.12	-1563.48	8.326e+05	-4.286e+05	1710.55
4	27	260.00	-3.721e+04	1928.48	2035.51	5.987e+05	-2.236e+05	1.225e+05
4	27	292.50	-3.407e+04	1965.51	3687.50	4.789e+05	-9.895e+04	1.412e+05
4	27	325.00	-3.196e+04	1917.00	3421.05	2.772e+05	1.819e+04	1.487e+05
4	27	357.50	-2.973e+04	1895.33	3226.11	4.944e+04	1.296e+05	1.318e+05
4	27	390.00	-2.757e+04	1810.14	3241.36	-2.106e+05	2.336e+05	8.770e+04
4	27	425.00	-2.496e+04	1202.47	3852.06	-5.304e+05	3.475e+05	-2559.55
4	33	0.0	-4.057e+04	7800.28	-1.568e+04	-1.588e+06	1.076e+06	-7496.23
4	33	65.00	-4.499e+04	7109.53	-1.293e+04	-5.152e+05	-5.819e+04	-2.028e+05
4	33	130.00	-4.382e+04	6571.67	-6816.63	1.014e+05	-4.091e+05	-1.461e+05
4	33	195.00	-4.136e+04	5549.42	-1623.28	3.544e+05	-4.311e+05	-3689.94

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
4	33	260.00	-3.769e+04	4698.37	2033.51	2.699e+05	-2.269e+05	1.245e+05
4	33	292.50	-3.438e+04	4373.11	3725.34	2.360e+05	-1.020e+05	1.462e+05
4	33	325.00	-3.224e+04	4206.60	3489.89	8.317e+04	1.660e+04	1.547e+05
4	33	357.50	-2.997e+04	4064.11	3324.32	-9.381e+04	1.295e+05	1.379e+05
4	33	390.00	-2.763e+04	3858.38	3299.11	-2.756e+05	2.414e+05	9.264e+04
4	33	425.00	-2.513e+04	3097.53	3919.68	-5.349e+05	3.469e+05	-1411.97
4	49	0.0	-3.920e+04	1.202e+04	-1.793e+04	-2.810e+06	1.183e+06	-6217.48
4	49	65.00	-4.355e+04	1.133e+04	-1.518e+04	-1.725e+06	4.812e+04	-2.082e+05
4	49	130.00	-4.313e+04	9944.53	-7585.28	-7.265e+05	-3.914e+05	-1.664e+05
4	49	195.00	-4.114e+04	7887.29	-1993.95	-1.941e+05	-4.546e+05	-1.300e+04
4	49	260.00	-3.792e+04	6222.06	2195.31	-4.984e+04	-2.578e+05	1.233e+05
4	49	292.50	-3.519e+04	5495.42	3913.49	-2.154e+04	-1.298e+05	1.567e+05
4	49	325.00	-3.316e+04	5193.36	3709.67	-1.031e+05	-7253.12	1.693e+05
4	49	357.50	-3.103e+04	4901.57	3574.20	-2.146e+05	1.098e+05	1.549e+05
4	49	390.00	-2.861e+04	4529.95	3496.23	-3.133e+05	2.246e+05	1.101e+05
4	49	425.00	-2.633e+04	3510.19	3985.05	-5.262e+05	3.466e+05	7145.97
4	54	0.0	-3.029e+04	1471.49	-2.253e+04	-2.149e+06	1.430e+06	-6438.29
4	54	65.00	-3.439e+04	780.75	-1.978e+04	-1.105e+06	2.943e+05	-2.272e+05
4	54	130.00	-3.694e+04	624.78	-9464.56	-1.506e+05	-3.508e+05	-2.102e+05
4	54	195.00	-3.730e+04	-102.96	-2883.71	3.213e+05	-5.147e+05	-4.511e+04
4	54	260.00	-3.595e+04	-768.68	2539.31	4.052e+05	-3.410e+05	1.195e+05
4	54	292.50	-3.501e+04	-1070.86	4341.97	2.361e+05	-2.026e+05	1.743e+05
4	54	325.00	-3.367e+04	-1264.28	4179.70	9.890e+04	-6.645e+04	1.955e+05
4	54	357.50	-3.221e+04	-1461.57	4146.20	-6.963e+04	6.470e+04	1.881e+05
4	54	390.00	-3.048e+04	-1761.76	4027.03	-2.635e+05	1.994e+05	1.453e+05
4	54	425.00	-2.849e+04	-2792.30	4121.81	-5.606e+05	3.454e+05	2.381e+04
4	59	0.0	-3.903e+04	2596.93	-1.513e+04	-6.565e+05	1.048e+06	-1932.21
4	59	65.00	-4.351e+04	1906.19	-1.238e+04	4.037e+05	-8.642e+04	-1.954e+05
4	59	130.00	-4.278e+04	2141.73	-6573.67	7.933e+05	-4.117e+05	-1.353e+05
4	59	195.00	-4.063e+04	2116.09	-1505.81	8.571e+05	-4.263e+05	3791.66
4	59	260.00	-3.722e+04	2041.96	2041.94	6.115e+05	-2.189e+05	1.226e+05
4	59	292.50	-3.402e+04	2095.75	3676.08	4.856e+05	-9.442e+04	1.406e+05
4	59	325.00	-3.189e+04	2053.95	3403.98	2.801e+05	2.199e+04	1.473e+05
4	59	357.50	-2.965e+04	2040.32	3200.00	5.036e+04	1.324e+05	1.297e+05
4	59	390.00	-2.745e+04	1964.87	3210.73	-2.105e+05	2.350e+05	8.539e+04
4	59	425.00	-2.481e+04	1375.90	3848.21	-5.284e+05	3.496e+05	-3603.95
4	65	0.0	-4.103e+04	8316.75	-1.542e+04	-1.601e+06	1.061e+06	-7525.77
4	65	65.00	-4.548e+04	7626.01	-1.267e+04	-5.262e+05	-7.317e+04	-2.029e+05
4	65	130.00	-4.413e+04	7038.96	-6710.71	8.577e+04	-4.109e+05	-1.439e+05
4	65	195.00	-4.153e+04	5960.54	-1571.52	3.361e+05	-4.291e+05	-2060.88
4	65	260.00	-3.775e+04	5067.02	2037.77	2.538e+05	-2.226e+05	1.245e+05
4	65	292.50	-3.436e+04	4723.88	3717.71	2.224e+05	-9.776e+04	1.460e+05
4	65	325.00	-3.219e+04	4552.71	3479.88	7.012e+04	2.024e+04	1.538e+05
4	65	357.50	-2.991e+04	4406.48	3309.76	-1.036e+05	1.323e+05	1.363e+05
4	65	390.00	-2.754e+04	4198.39	3273.73	-2.815e+05	2.429e+05	9.076e+04
4	65	425.00	-2.500e+04	3440.61	3921.78	-5.370e+05	3.486e+05	-2371.69
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.240e+04	-2792.30	-2.449e+04	-2.810e+06	-6.115e+05	-2.745e+05
			-1.051e+04	1.202e+04	5209.12	8.571e+05	1.613e+06	2.223e+05

Macro	Tipo	Angolo 1-Z (gradi)
5	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
5	1	0.0	-4.405e+04	1.501e+04	5.625e+04	9.288e+05	-3.318e+06	-1.587e+04
5	1	65.00	-4.298e+04	1.537e+04	5.091e+04	5.057e+05	1.646e+05	-2.472e+04
5	1	130.00	-3.970e+04	1.340e+04	2.525e+04	3.870e+05	1.292e+06	-1.457e+04
5	1	195.00	-3.569e+04	1.182e+04	1.328e+04	3.813e+05	1.431e+06	-1.387e+04
5	1	260.00	-3.120e+04	1.101e+04	6772.81	4.058e+05	1.174e+06	-1.795e+04
5	1	292.50	-2.855e+04	1.088e+04	-2196.65	3.966e+05	1.035e+06	-2.195e+04
5	1	325.00	-2.636e+04	1.100e+04	-6620.72	3.560e+05	6.985e+05	-2.608e+04
5	1	357.50	-2.434e+04	1.103e+04	-1.176e+04	2.708e+05	2.394e+05	-3.126e+04
5	1	390.00	-2.261e+04	1.090e+04	-1.859e+04	1.242e+05	-3.814e+05	-3.606e+04
5	1	425.00	-2.137e+04	1.045e+04	-2.971e+04	-1.260e+05	-1.325e+06	-1.582e+04
5	2	0.0	-4.451e+04	1.499e+04	5.629e+04	9.283e+05	-3.321e+06	-1.581e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
5	2	65.00	-4.344e+04	1.535e+04	5.093e+04	5.055e+05	1.636e+05	-2.467e+04
5	2	130.00	-4.016e+04	1.338e+04	2.526e+04	3.866e+05	1.292e+06	-1.457e+04
5	2	195.00	-3.615e+04	1.180e+04	1.328e+04	3.806e+05	1.431e+06	-1.388e+04
5	2	260.00	-3.167e+04	1.100e+04	6758.85	4.050e+05	1.174e+06	-1.795e+04
5	2	292.50	-2.902e+04	1.087e+04	-2221.27	3.959e+05	1.034e+06	-2.196e+04
5	2	325.00	-2.683e+04	1.100e+04	-6659.01	3.552e+05	6.966e+05	-2.610e+04
5	2	357.50	-2.482e+04	1.103e+04	-1.181e+04	2.697e+05	2.360e+05	-3.131e+04
5	2	390.00	-2.309e+04	1.091e+04	-1.866e+04	1.228e+05	-3.869e+05	-3.615e+04
5	2	425.00	-2.185e+04	1.045e+04	-2.980e+04	-1.279e+05	-1.333e+06	-1.585e+04
5	4	0.0	-3.435e+04	1.153e+04	4.331e+04	7.140e+05	-2.555e+06	-1.215e+04
5	4	65.00	-3.352e+04	1.180e+04	3.918e+04	3.888e+05	1.256e+05	-1.896e+04
5	4	130.00	-3.100e+04	1.028e+04	1.943e+04	2.973e+05	9.937e+05	-1.121e+04
5	4	195.00	-2.791e+04	9071.19	1.022e+04	2.926e+05	1.101e+06	-1.068e+04
5	4	260.00	-2.447e+04	8457.55	5195.90	3.114e+05	9.027e+05	-1.381e+04
5	4	292.50	-2.243e+04	8359.71	-1714.35	3.043e+05	7.950e+05	-1.690e+04
5	4	325.00	-2.075e+04	8459.14	-5131.15	2.730e+05	5.354e+05	-2.008e+04
5	4	357.50	-1.920e+04	8488.71	-9100.21	2.072e+05	1.807e+05	-2.409e+04
5	4	390.00	-1.787e+04	8391.50	-1.437e+04	9.411e+04	-2.989e+05	-2.782e+04
5	4	425.00	-1.692e+04	8042.22	-2.294e+04	-9.883e+04	-1.028e+06	-1.220e+04
5	20	0.0	-4.013e+04	1.555e+04	4.191e+04	8.371e+05	-2.529e+06	-1.937e+04
5	20	65.00	-3.853e+04	1.583e+04	3.779e+04	5.135e+05	1.502e+05	-2.458e+04
5	20	130.00	-3.459e+04	1.387e+04	1.909e+04	3.429e+05	9.570e+05	-1.635e+04
5	20	195.00	-3.027e+04	1.203e+04	1.027e+04	3.111e+05	1.056e+06	-1.401e+04
5	20	260.00	-2.609e+04	1.077e+04	5486.94	2.682e+05	8.707e+05	-1.721e+04
5	20	292.50	-2.348e+04	1.030e+04	-1424.51	2.884e+05	7.762e+05	-2.067e+04
5	20	325.00	-2.153e+04	1.024e+04	-4887.62	2.847e+05	5.246e+05	-2.423e+04
5	20	357.50	-1.955e+04	1.010e+04	-8846.23	2.144e+05	1.776e+05	-2.868e+04
5	20	390.00	-1.783e+04	9828.79	-1.404e+04	1.054e+05	-2.905e+05	-3.313e+04
5	20	425.00	-1.645e+04	9356.33	-2.246e+04	-8.018e+04	-1.007e+06	-1.698e+04
5	22	0.0	-3.404e+04	1.998e+04	4.432e+04	1.193e+06	-2.590e+06	-3.612e+04
5	22	65.00	-3.309e+04	2.026e+04	4.020e+04	8.610e+05	9.151e+04	-3.944e+04
5	22	130.00	-3.031e+04	1.815e+04	1.971e+04	5.653e+05	9.925e+05	-2.976e+04
5	22	195.00	-2.714e+04	1.588e+04	1.024e+04	4.788e+05	1.105e+06	-2.503e+04
5	22	260.00	-2.411e+04	1.450e+04	5156.16	5.290e+05	9.145e+05	-2.768e+04
5	22	292.50	-2.204e+04	1.398e+04	-1719.45	4.984e+05	8.026e+05	-3.209e+04
5	22	325.00	-2.028e+04	1.397e+04	-5084.34	4.452e+05	5.425e+05	-3.664e+04
5	22	357.50	-1.870e+04	1.374e+04	-8977.71	3.529e+05	1.899e+05	-4.217e+04
5	22	390.00	-1.731e+04	1.337e+04	-1.418e+04	1.889e+05	-2.852e+05	-4.834e+04
5	22	425.00	-1.646e+04	1.276e+04	-2.268e+04	-6.746e+04	-1.007e+06	-2.990e+04
5	36	0.0	-3.752e+04	2.353e+04	4.350e+04	1.160e+06	-2.571e+06	-3.651e+04
5	36	65.00	-3.614e+04	2.380e+04	3.938e+04	8.350e+05	1.094e+05	-3.949e+04
5	36	130.00	-3.269e+04	2.091e+04	1.949e+04	4.824e+05	9.729e+05	-2.935e+04
5	36	195.00	-2.884e+04	1.786e+04	1.026e+04	3.934e+05	1.084e+06	-2.259e+04
5	36	260.00	-2.485e+04	1.563e+04	5316.73	3.565e+05	8.961e+05	-2.613e+04
5	36	292.50	-2.281e+04	1.465e+04	-1565.30	4.070e+05	7.910e+05	-3.065e+04
5	36	325.00	-2.087e+04	1.436e+04	-4943.23	3.747e+05	5.347e+05	-3.519e+04
5	36	357.50	-1.889e+04	1.399e+04	-8860.46	2.794e+05	1.857e+05	-4.074e+04
5	36	390.00	-1.748e+04	1.347e+04	-1.403e+04	1.558e+05	-2.843e+05	-4.696e+04
5	36	425.00	-1.637e+04	1.271e+04	-2.247e+04	-6.916e+04	-1.000e+06	-2.903e+04
5	52	0.0	-4.064e+04	1.593e+04	4.178e+04	8.472e+05	-2.526e+06	-2.002e+04
5	52	65.00	-3.896e+04	1.621e+04	3.766e+04	5.236e+05	1.521e+05	-2.509e+04
5	52	130.00	-3.493e+04	1.421e+04	1.906e+04	3.468e+05	9.536e+05	-1.682e+04
5	52	195.00	-3.051e+04	1.230e+04	1.028e+04	3.122e+05	1.051e+06	-1.432e+04
5	52	260.00	-2.625e+04	1.098e+04	5513.03	2.648e+05	8.677e+05	-1.752e+04
5	52	292.50	-2.359e+04	1.048e+04	-1398.77	2.864e+05	7.744e+05	-2.101e+04
5	52	325.00	-2.160e+04	1.040e+04	-4867.09	2.847e+05	5.235e+05	-2.461e+04
5	52	357.50	-1.958e+04	1.025e+04	-8825.39	2.147e+05	1.772e+05	-2.910e+04
5	52	390.00	-1.784e+04	9958.62	-1.401e+04	1.063e+05	-2.904e+05	-3.362e+04
5	52	425.00	-1.646e+04	9473.36	-2.242e+04	-7.999e+04	-1.006e+06	-1.741e+04
5	54	0.0	-3.403e+04	2.077e+04	4.441e+04	1.234e+06	-2.593e+06	-3.831e+04
5	54	65.00	-3.306e+04	2.104e+04	4.029e+04	9.021e+05	8.848e+04	-4.133e+04
5	54	130.00	-3.028e+04	1.888e+04	1.974e+04	5.906e+05	9.924e+05	-3.149e+04
5	54	195.00	-2.710e+04	1.651e+04	1.024e+04	4.962e+05	1.106e+06	-2.636e+04
5	54	260.00	-2.409e+04	1.505e+04	5151.74	5.465e+05	9.156e+05	-2.896e+04
5	54	292.50	-2.202e+04	1.449e+04	-1721.00	5.145e+05	8.033e+05	-3.350e+04
5	54	325.00	-2.026e+04	1.448e+04	-5081.46	4.596e+05	5.431e+05	-3.818e+04
5	54	357.50	-1.868e+04	1.422e+04	-8968.72	3.648e+05	1.906e+05	-4.385e+04
5	54	390.00	-1.730e+04	1.383e+04	-1.416e+04	1.978e+05	-2.842e+05	-5.025e+04
5	54	425.00	-1.643e+04	1.319e+04	-2.266e+04	-6.489e+04	-1.005e+06	-3.154e+04
5	68	0.0	-3.779e+04	2.465e+04	4.352e+04	1.198e+06	-2.572e+06	-3.873e+04
5	68	65.00	-3.636e+04	2.493e+04	3.940e+04	8.726e+05	1.078e+05	-4.136e+04
5	68	130.00	-3.288e+04	2.191e+04	1.950e+04	4.991e+05	9.710e+05	-3.102e+04
5	68	195.00	-2.896e+04	1.867e+04	1.026e+04	4.019e+05	1.082e+06	-2.369e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
5	68	260.00	-2.492e+04	1.629e+04	5326.90	3.601e+05	8.955e+05	-2.725e+04
5	68	292.50	-2.286e+04	1.523e+04	-1552.70	4.132e+05	7.905e+05	-3.189e+04
5	68	325.00	-2.089e+04	1.490e+04	-4928.25	3.813e+05	5.345e+05	-3.656e+04
5	68	357.50	-1.889e+04	1.449e+04	-8840.99	2.856e+05	1.860e+05	-4.226e+04
5	68	390.00	-1.747e+04	1.393e+04	-1.400e+04	1.613e+05	-2.833e+05	-4.871e+04
5	68	425.00	-1.636e+04	1.313e+04	-2.243e+04	-6.726e+04	-9.982e+05	-3.057e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.451e+04	8042.22	-2.980e+04	-1.279e+05	-3.321e+06	-5.025e+04
			-1.636e+04	2.493e+04	5.629e+04	1.234e+06	1.431e+06	-1.068e+04

Macro	Tipo	Angolo 1-Z (gradi)
6	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
6	1	0.0	-4.378e+04	1.702e+04	-5.861e+04	1.036e+06	3.489e+06	2.469e+04
6	1	65.00	-4.291e+04	1.818e+04	-5.275e+04	4.573e+05	-1.306e+05	2.859e+04
6	1	130.00	-4.011e+04	1.581e+04	-2.629e+04	2.502e+05	-1.341e+06	1.425e+04
6	1	195.00	-3.655e+04	1.255e+04	-1.364e+04	2.195e+05	-1.518e+06	1.171e+04
6	1	260.00	-3.239e+04	9752.71	-6449.38	3.054e+05	-1.255e+06	1.505e+04
6	1	292.50	-2.993e+04	8863.77	2770.67	3.482e+05	-1.095e+06	1.935e+04
6	1	325.00	-2.775e+04	8330.26	7527.19	3.599e+05	-7.297e+05	2.413e+04
6	1	357.50	-2.568e+04	8049.23	1.301e+04	3.294e+05	-2.316e+05	2.934e+04
6	1	390.00	-2.392e+04	7979.53	2.022e+04	2.427e+05	4.392e+05	3.317e+04
6	1	425.00	-2.283e+04	8158.28	3.182e+04	6.282e+04	1.450e+06	1.439e+04
6	2	0.0	-4.426e+04	1.702e+04	-5.867e+04	1.037e+06	3.493e+06	2.477e+04
6	2	65.00	-4.339e+04	1.818e+04	-5.278e+04	4.578e+05	-1.289e+05	2.868e+04
6	2	130.00	-4.059e+04	1.580e+04	-2.631e+04	2.503e+05	-1.341e+06	1.434e+04
6	2	195.00	-3.703e+04	1.255e+04	-1.364e+04	2.183e+05	-1.518e+06	1.179e+04
6	2	260.00	-3.286e+04	9752.23	-6427.76	3.027e+05	-1.255e+06	1.508e+04
6	2	292.50	-3.041e+04	8863.49	2808.47	3.452e+05	-1.093e+06	1.933e+04
6	2	325.00	-2.823e+04	8330.07	7586.03	3.570e+05	-7.267e+05	2.405e+04
6	2	357.50	-2.615e+04	8049.01	1.309e+04	3.273e+05	-2.262e+05	2.922e+04
6	2	390.00	-2.441e+04	7979.39	2.033e+04	2.416e+05	4.478e+05	3.303e+04
6	2	425.00	-2.333e+04	8158.87	3.195e+04	6.264e+04	1.463e+06	1.434e+04
6	4	0.0	-3.415e+04	1.309e+04	-4.514e+04	7.979e+05	2.688e+06	1.907e+04
6	4	65.00	-3.349e+04	1.399e+04	-4.061e+04	3.523e+05	-9.876e+04	2.209e+04
6	4	130.00	-3.133e+04	1.216e+04	-2.024e+04	1.926e+05	-1.032e+06	1.105e+04
6	4	195.00	-2.859e+04	9651.25	-1.049e+04	1.677e+05	-1.168e+06	9092.45
6	4	260.00	-2.539e+04	7501.60	-4939.44	2.322e+05	-9.650e+05	1.161e+04
6	4	292.50	-2.350e+04	6818.01	2169.08	2.648e+05	-8.406e+05	1.487e+04
6	4	325.00	-2.182e+04	6407.70	5848.99	2.740e+05	-5.583e+05	1.848e+04
6	4	357.50	-2.023e+04	6191.50	1.009e+04	2.513e+05	-1.728e+05	2.245e+04
6	4	390.00	-1.889e+04	6137.96	1.567e+04	1.856e+05	3.464e+05	2.537e+04
6	4	425.00	-1.806e+04	6276.19	2.461e+04	4.815e+04	1.128e+06	1.102e+04
6	13	0.0	-3.863e+04	9543.26	-4.354e+04	6.540e+05	2.654e+06	9809.95
6	13	65.00	-3.736e+04	1.044e+04	-3.901e+04	2.293e+05	-1.292e+05	1.409e+04
6	13	130.00	-3.443e+04	8955.58	-1.985e+04	1.271e+05	-9.965e+05	4558.03
6	13	195.00	-3.058e+04	6910.31	-1.055e+04	1.681e+05	-1.121e+06	5152.30
6	13	260.00	-2.730e+04	5107.08	-5221.87	2.239e+05	-9.312e+05	7863.11
6	13	292.50	-2.479e+04	4605.97	1883.78	2.569e+05	-8.208e+05	1.094e+04
6	13	325.00	-2.275e+04	4277.40	5654.45	2.624e+05	-5.465e+05	1.539e+04
6	13	357.50	-2.071e+04	4144.82	9916.26	2.184e+05	-1.670e+05	1.887e+04
6	13	390.00	-1.895e+04	4181.84	1.545e+04	1.575e+05	3.459e+05	2.089e+04
6	13	425.00	-1.764e+04	4401.51	2.424e+04	4.676e+04	1.117e+06	6948.09
6	14	0.0	-3.953e+04	1.771e+04	-4.378e+04	9.050e+05	2.669e+06	2.885e+04
6	14	65.00	-3.791e+04	1.860e+04	-3.926e+04	4.572e+05	-1.151e+05	2.885e+04
6	14	130.00	-3.477e+04	1.637e+04	-1.998e+04	2.148e+05	-9.921e+05	1.647e+04
6	14	195.00	-3.101e+04	1.326e+04	-1.058e+04	1.426e+05	-1.125e+06	1.319e+04
6	14	260.00	-2.722e+04	1.045e+04	-5230.10	2.407e+05	-9.348e+05	1.579e+04
6	14	292.50	-2.462e+04	9372.93	1921.54	2.763e+05	-8.233e+05	1.996e+04
6	14	325.00	-2.255e+04	8780.89	5647.51	2.890e+05	-5.485e+05	2.322e+04
6	14	357.50	-2.071e+04	8390.62	9885.38	2.859e+05	-1.689e+05	2.795e+04
6	14	390.00	-1.891e+04	8176.65	1.540e+04	2.135e+05	3.434e+05	3.193e+04
6	14	425.00	-1.764e+04	8149.73	2.421e+04	6.843e+04	1.113e+06	1.668e+04
6	22	0.0	-3.678e+04	2.663e+04	-4.519e+04	1.204e+06	2.704e+06	5.119e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
6	22	65.00	-3.534e+04	2.753e+04	-4.067e+04	7.203e+05	-8.173e+04	4.684e+04
6	22	130.00	-3.247e+04	2.444e+04	-2.037e+04	3.294e+05	-1.016e+06	3.090e+04
6	22	195.00	-2.978e+04	2.030e+04	-1.056e+04	8.223e+04	-1.165e+06	2.250e+04
6	22	260.00	-2.571e+04	1.642e+04	-5024.66	2.605e+05	-9.635e+05	2.481e+04
6	22	292.50	-2.347e+04	1.474e+04	2157.50	2.979e+05	-8.409e+05	2.999e+04
6	22	325.00	-2.162e+04	1.387e+04	5769.64	3.185e+05	-5.598e+05	3.169e+04
6	22	357.50	-2.026e+04	1.316e+04	9962.48	3.635e+05	-1.763e+05	3.777e+04
6	22	390.00	-1.871e+04	1.269e+04	1.549e+04	2.791e+05	3.389e+05	4.394e+04
6	22	425.00	-1.780e+04	1.235e+04	2.441e+04	8.350e+04	1.114e+06	2.730e+04
6	26	0.0	-3.698e+04	2.686e+04	-4.509e+04	1.210e+06	2.703e+06	5.086e+04
6	26	65.00	-3.549e+04	2.776e+04	-4.057e+04	7.291e+05	-8.278e+04	4.647e+04
6	26	130.00	-3.272e+04	2.467e+04	-2.035e+04	3.322e+05	-1.013e+06	3.071e+04
6	26	195.00	-2.981e+04	2.037e+04	-1.057e+04	1.219e+05	-1.162e+06	2.248e+04
6	26	260.00	-2.566e+04	1.649e+04	-5046.17	2.610e+05	-9.616e+05	2.488e+04
6	26	292.50	-2.342e+04	1.481e+04	2139.74	2.988e+05	-8.398e+05	3.008e+04
6	26	325.00	-2.158e+04	1.395e+04	5758.80	3.197e+05	-5.593e+05	3.181e+04
6	26	357.50	-2.023e+04	1.329e+04	9954.69	3.647e+05	-1.762e+05	3.792e+04
6	26	390.00	-1.869e+04	1.281e+04	1.548e+04	2.793e+05	3.389e+05	4.413e+04
6	26	425.00	-1.778e+04	1.252e+04	2.439e+04	8.716e+04	1.114e+06	2.748e+04
6	45	0.0	-3.903e+04	9213.21	-4.339e+04	6.424e+05	2.652e+06	8982.86
6	45	65.00	-3.770e+04	1.011e+04	-3.887e+04	2.176e+05	-1.312e+05	1.337e+04
6	45	130.00	-3.472e+04	8657.11	-1.981e+04	1.214e+05	-9.932e+05	3966.35
6	45	195.00	-3.078e+04	6655.77	-1.056e+04	1.670e+05	-1.117e+06	4789.83
6	45	260.00	-2.748e+04	4886.31	-5247.16	2.238e+05	-9.280e+05	7530.55
6	45	292.50	-2.492e+04	4402.86	1859.54	2.567e+05	-8.189e+05	1.060e+04
6	45	325.00	-2.284e+04	4082.05	5639.46	2.617e+05	-5.453e+05	1.509e+04
6	45	357.50	-2.075e+04	3957.27	9904.12	2.160e+05	-1.663e+05	1.853e+04
6	45	390.00	-1.896e+04	4002.96	1.543e+04	1.553e+05	3.461e+05	2.046e+04
6	45	425.00	-1.765e+04	4229.00	2.422e+04	4.533e+04	1.117e+06	6564.77
6	46	0.0	-4.001e+04	1.814e+04	-4.367e+04	9.145e+05	2.668e+06	2.973e+04
6	46	65.00	-3.830e+04	1.904e+04	-3.914e+04	4.668e+05	-1.157e+05	2.946e+04
6	46	130.00	-3.510e+04	1.677e+04	-1.995e+04	2.160e+05	-9.885e+05	1.696e+04
6	46	195.00	-3.124e+04	1.360e+04	-1.059e+04	1.410e+05	-1.122e+06	1.357e+04
6	46	260.00	-2.739e+04	1.072e+04	-5255.76	2.409e+05	-9.320e+05	1.617e+04
6	46	292.50	-2.473e+04	9607.65	1899.84	2.770e+05	-8.216e+05	2.041e+04
6	46	325.00	-2.262e+04	8998.06	5631.47	2.900e+05	-5.474e+05	2.367e+04
6	46	357.50	-2.075e+04	8591.30	9870.45	2.887e+05	-1.683e+05	2.847e+04
6	46	390.00	-1.893e+04	8362.82	1.538e+04	2.157e+05	3.433e+05	3.255e+04
6	46	425.00	-1.765e+04	8319.96	2.418e+04	6.910e+04	1.113e+06	1.721e+04
6	54	0.0	-3.701e+04	2.790e+04	-4.521e+04	1.238e+06	2.706e+06	5.408e+04
6	54	65.00	-3.552e+04	2.879e+04	-4.068e+04	7.548e+05	-7.985e+04	4.909e+04
6	54	130.00	-3.261e+04	2.559e+04	-2.038e+04	3.401e+05	-1.014e+06	3.272e+04
6	54	195.00	-2.989e+04	2.129e+04	-1.057e+04	7.739e+04	-1.164e+06	2.375e+04
6	54	260.00	-2.577e+04	1.724e+04	-5030.91	2.610e+05	-9.633e+05	2.600e+04
6	54	292.50	-2.349e+04	1.546e+04	2156.53	2.992e+05	-8.408e+05	3.132e+04
6	54	325.00	-2.162e+04	1.455e+04	5764.27	3.212e+05	-5.598e+05	3.295e+04
6	54	357.50	-2.027e+04	1.380e+04	9954.54	3.721e+05	-1.765e+05	3.921e+04
6	54	390.00	-1.871e+04	1.329e+04	1.548e+04	2.863e+05	3.386e+05	4.569e+04
6	54	425.00	-1.780e+04	1.290e+04	2.439e+04	8.692e+04	1.114e+06	2.883e+04
6	58	0.0	-3.724e+04	2.815e+04	-4.510e+04	1.245e+06	2.705e+06	5.371e+04
6	58	65.00	-3.569e+04	2.905e+04	-4.057e+04	7.644e+05	-8.103e+04	4.868e+04
6	58	130.00	-3.288e+04	2.584e+04	-2.036e+04	3.430e+05	-1.012e+06	3.251e+04
6	58	195.00	-2.993e+04	2.137e+04	-1.058e+04	1.206e+05	-1.161e+06	2.373e+04
6	58	260.00	-2.571e+04	1.732e+04	-5054.45	2.617e+05	-9.613e+05	2.607e+04
6	58	292.50	-2.343e+04	1.555e+04	2137.09	3.003e+05	-8.396e+05	3.142e+04
6	58	325.00	-2.157e+04	1.464e+04	5752.40	3.227e+05	-5.593e+05	3.307e+04
6	58	357.50	-2.024e+04	1.394e+04	9946.00	3.735e+05	-1.763e+05	3.937e+04
6	58	390.00	-1.869e+04	1.342e+04	1.547e+04	2.865e+05	3.386e+05	4.590e+04
6	58	425.00	-1.778e+04	1.309e+04	2.438e+04	9.054e+04	1.113e+06	2.903e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.426e+04	3957.27	-5.867e+04	4.533e+04	-1.518e+06	3966.35
			-1.764e+04	2.905e+04	3.195e+04	1.245e+06	3.493e+06	5.408e+04

Macro	Tipo	Angolo 1-Z (gradi)
7	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
7	2	0.0	-1.498e+04	1.791e+04	-304.61	3.386e+05	-1.306e+04	1.642e+04
7	2	65.00	-1.176e+04	2.139e+04	211.85	-1.279e+05	-1.607e+04	9786.69
7	2	130.00	-1.001e+04	1.259e+04	-37.75	-5.432e+05	-1.786e+04	621.78
7	2	195.00	-8822.31	1403.98	69.30	-7.186e+05	-1.936e+04	-1435.86
7	2	260.00	-7399.70	-7923.07	112.42	-6.421e+05	-1.506e+04	-4629.60
7	2	292.50	-6287.72	-1.093e+04	103.64	-5.284e+05	-1.213e+04	-7256.89
7	2	325.00	-5517.96	-1.252e+04	104.76	-3.976e+05	-9748.55	-9891.68
7	2	357.50	-4819.45	-1.334e+04	114.96	-2.496e+05	-7324.11	-1.344e+04
7	2	390.00	-4387.07	-1.339e+04	245.75	-9.019e+04	-2513.49	-1.732e+04
7	2	425.00	-4541.55	-1.225e+04	1245.64	6.527e+04	1.785e+04	-9376.10
7	3	0.0	-3562.42	1746.19	-726.60	2014.12	-4242.71	1.954e+04
7	3	65.00	-1385.37	1844.40	288.50	-4.104e+04	-1.848e+04	2.021e+04
7	3	130.00	56.93	387.14	56.57	-1.897e+05	-1.201e+04	7872.24
7	3	195.00	823.70	-2073.48	38.37	-2.565e+05	-1.114e+04	2091.64
7	3	260.00	1398.60	-4719.91	32.44	-2.118e+05	-1.015e+04	-2972.70
7	3	292.50	2021.10	-5813.48	3.59	-1.497e+05	-1.023e+04	-5443.45
7	3	325.00	2279.07	-6653.14	-42.00	-6.404e+04	-1.158e+04	-7950.62
7	3	357.50	2507.71	-7152.44	-159.78	3.362e+04	-1.571e+04	-1.125e+04
7	3	390.00	2506.42	-7224.19	-303.89	1.375e+05	-2.374e+04	-1.674e+04
7	3	425.00	1862.21	-6421.75	96.79	2.197e+05	-3.206e+04	-1.525e+04
7	17	0.0	-6817.36	1.208e+04	342.62	3.137e+05	-2.195e+04	1.548e+04
7	17	65.00	-4605.80	1.476e+04	735.94	-4.611e+04	-2.427e+04	7620.99
7	17	130.00	-4076.82	7944.58	-68.83	-3.780e+05	-9697.48	1534.81
7	17	195.00	-3972.01	-278.42	50.72	-5.229e+05	-1.335e+04	-317.80
7	17	260.00	-3499.68	-7165.75	62.72	-4.656e+05	-1.065e+04	-2927.17
7	17	292.50	-3095.95	-9297.97	80.02	-3.794e+05	-9238.19	-5507.33
7	17	325.00	-2753.67	-1.043e+04	70.93	-2.817e+05	-7269.60	-7929.01
7	17	357.50	-2557.74	-1.097e+04	78.10	-1.683e+05	-5621.72	-1.065e+04
7	17	390.00	-2451.28	-1.093e+04	165.92	-4.520e+04	-2476.83	-1.380e+04
7	17	425.00	-2873.05	-9954.94	966.90	7.348e+04	1.273e+04	-8184.38
7	20	0.0	-1.600e+04	1.545e+04	-802.52	2.124e+05	1559.92	9794.32
7	20	65.00	-1.328e+04	1.813e+04	-409.21	-1.463e+05	-447.35	7376.96
7	20	130.00	-1.112e+04	1.140e+04	10.63	-4.538e+05	-1.776e+04	-586.92
7	20	195.00	-9402.23	2420.40	55.94	-5.788e+05	-1.642e+04	-1878.10
7	20	260.00	-7683.32	-5040.19	110.41	-5.179e+05	-1.250e+04	-4165.38
7	20	292.50	-6372.14	-7536.53	79.14	-4.288e+05	-9398.41	-5617.81
7	20	325.00	-5524.99	-8845.01	88.47	-3.248e+05	-7738.21	-7239.37
7	20	357.50	-4640.48	-9554.98	93.63	-2.099e+05	-5762.10	-9978.10
7	20	390.00	-4075.89	-9665.20	200.15	-8.714e+04	-1783.22	-1.285e+04
7	20	425.00	-3891.91	-8867.26	922.18	3.402e+04	1.366e+04	-6416.07
7	22	0.0	-1.251e+04	1.831e+04	203.14	5.242e+05	-2.332e+04	1.072e+04
7	22	65.00	-9564.10	2.099e+04	596.45	1.646e+05	-2.530e+04	2789.96
7	22	130.00	-8039.63	1.470e+04	-76.84	-2.660e+05	-1.216e+04	-3888.05
7	22	195.00	-6952.69	5193.50	30.74	-4.731e+05	-1.491e+04	-5518.60
7	22	260.00	-6051.27	-2726.25	70.22	-4.696e+05	-1.245e+04	-7532.58
7	22	292.50	-5230.70	-5589.16	96.86	-4.046e+05	-1.026e+04	-9881.09
7	22	325.00	-4687.05	-7088.93	101.51	-3.154e+05	-8076.06	-1.078e+04
7	22	357.50	-3949.38	-7975.73	115.44	-2.129e+05	-5669.76	-1.421e+04
7	22	390.00	-3637.66	-8273.79	281.89	-1.053e+05	-59.53	-1.744e+04
7	22	425.00	-3521.88	-8027.91	1203.10	1.028e+04	2.207e+04	-9230.77
7	36	0.0	-1.484e+04	1.885e+04	-191.17	4.518e+05	-1.491e+04	9452.06
7	36	65.00	-1.184e+04	2.153e+04	202.14	9.207e+04	-1.692e+04	3583.03
7	36	130.00	-9916.66	1.518e+04	-114.10	-3.209e+05	-1.471e+04	-3478.20
7	36	195.00	-8417.85	5374.12	32.71	-5.129e+05	-1.604e+04	-4888.03
7	36	260.00	-7155.11	-2774.50	112.82	-4.988e+05	-1.342e+04	-6747.21
7	36	292.50	-6095.18	-5747.67	94.65	-4.278e+05	-1.023e+04	-8635.81
7	36	325.00	-5395.88	-7293.66	98.18	-3.331e+05	-8165.30	-9780.88
7	36	357.50	-4445.54	-8217.73	120.66	-2.264e+05	-5841.28	-1.277e+04
7	36	390.00	-4013.10	-8539.24	288.51	-1.141e+05	-43.97	-1.571e+04
7	36	425.00	-3776.49	-8240.32	1161.71	6471.21	2.189e+04	-8167.24
7	49	0.0	-6410.31	1.193e+04	396.92	3.182e+05	-2.306e+04	1.570e+04
7	49	65.00	-4221.50	1.461e+04	790.23	-4.164e+04	-2.539e+04	7614.26
7	49	130.00	-3769.54	7782.54	-73.30	-3.747e+05	-9312.70	1631.24
7	49	195.00	-3738.44	-406.82	50.45	-5.204e+05	-1.321e+04	-247.06
7	49	260.00	-3325.63	-7266.98	60.97	-4.635e+05	-1.057e+04	-2877.39
7	49	292.50	-2961.99	-9381.56	80.60	-3.774e+05	-9226.94	-5523.96
7	49	325.00	-2641.91	-1.050e+04	70.46	-2.800e+05	-7252.70	-7937.40
7	49	357.50	-2471.97	-1.104e+04	77.47	-1.668e+05	-5618.39	-1.067e+04
7	49	390.00	-2388.95	-1.099e+04	164.26	-4.379e+04	-2509.46	-1.383e+04
7	49	425.00	-2839.99	-1.000e+04	969.32	7.464e+04	1.268e+04	-8254.47
7	52	0.0	-1.640e+04	1.560e+04	-856.82	2.079e+05	2669.32	9573.22
7	52	65.00	-1.366e+04	1.828e+04	-463.50	-1.507e+05	675.63	7383.69

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
7	52	130.00	-1.143e+04	1.156e+04	15.10	-4.571e+05	-1.814e+04	-683.34
7	52	195.00	-9635.80	2548.80	56.20	-5.812e+05	-1.656e+04	-1948.84
7	52	260.00	-7857.37	-4938.96	112.16	-5.200e+05	-1.258e+04	-4215.17
7	52	292.50	-6506.10	-7452.94	78.55	-4.307e+05	-9409.66	-5601.18
7	52	325.00	-5636.76	-8770.09	88.94	-3.264e+05	-7755.11	-7230.99
7	52	357.50	-4726.25	-9487.92	94.26	-2.114e+05	-5765.42	-9961.10
7	52	390.00	-4138.22	-9605.25	201.81	-8.855e+04	-1750.59	-1.281e+04
7	52	425.00	-3924.98	-8817.60	919.76	3.286e+04	1.372e+04	-6345.98
7	54	0.0	-1.260e+04	1.871e+04	242.25	5.480e+05	-2.453e+04	1.063e+04
7	54	65.00	-9608.51	2.139e+04	635.57	1.884e+05	-2.650e+04	2454.34
7	54	130.00	-8066.42	1.517e+04	-79.70	-2.528e+05	-1.204e+04	-4314.38
7	54	195.00	-6966.47	5578.75	28.64	-4.669e+05	-1.487e+04	-5932.58
7	54	260.00	-6074.75	-2412.06	69.91	-4.678e+05	-1.252e+04	-7885.14
7	54	292.50	-5265.17	-5328.46	96.60	-4.052e+05	-1.035e+04	-1.023e+04
7	54	325.00	-4728.01	-6855.39	102.39	-3.170e+05	-8135.03	-1.114e+04
7	54	357.50	-3992.79	-7766.89	117.94	-2.155e+05	-5671.96	-1.462e+04
7	54	390.00	-3675.20	-8089.69	291.01	-1.093e+05	130.29	-1.784e+04
7	54	425.00	-3536.26	-7903.23	1225.82	6008.60	2.287e+04	-9408.23
7	68	0.0	-1.514e+04	1.931e+04	-189.57	4.692e+05	-1.532e+04	9251.60
7	68	65.00	-1.209e+04	2.199e+04	203.74	1.093e+05	-1.732e+04	3329.91
7	68	130.00	-1.011e+04	1.569e+04	-119.49	-3.128e+05	-1.484e+04	-3857.65
7	68	195.00	-8559.63	5777.52	30.82	-5.104e+05	-1.611e+04	-5238.07
7	68	260.00	-7273.93	-2464.14	113.56	-4.997e+05	-1.358e+04	-7018.55
7	68	292.50	-6200.29	-5501.73	94.26	-4.304e+05	-1.031e+04	-8845.40
7	68	325.00	-5494.25	-7079.56	98.82	-3.362e+05	-8230.19	-1.006e+04
7	68	357.50	-4524.99	-8032.07	123.58	-2.300e+05	-5859.77	-1.304e+04
7	68	390.00	-4077.02	-8380.72	298.25	-1.185e+05	148.57	-1.595e+04
7	68	425.00	-3805.83	-8135.39	1180.51	2273.61	2.268e+04	-8251.83
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.640e+04	-1.339e+04	-856.82	-7.186e+05	-3.206e+04	-1.784e+04
			2507.71	2.199e+04	1245.64	5.480e+05	2.287e+04	2.021e+04

Macro	Tipo	Angolo 1-X (gradi)
1	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	1	6	81.32	-30.30	76.63	-25.61	22.39	492.77	-383.80	437.41	-328.44	213.22
1	1	7	90.81	11.76	90.47	12.10	5.14	341.23	-592.20	302.26	-553.24	186.69
1	1	8	82.50	-7.81	80.74	-6.05	-12.47	416.73	-455.81	344.65	-383.73	-240.20
1	1	16	1.22	-32.44	-28.17	-3.05	-11.20	-18.39	-512.31	-151.54	-379.15	219.17
1	1	19	37.36	-20.66	-17.72	34.42	-12.71	-152.83	-1155.01	-153.66	-1154.18	-28.82
1	1	21	9.08	-59.51	-59.31	8.89	-3.63	-171.74	-705.69	-203.42	-674.01	-126.13
1	1	23	-4.88	-79.19	-79.02	-5.05	3.61	-211.51	-549.72	-224.19	-537.04	64.25
1	1	25	9.58	-56.39	-54.96	8.15	9.60	-80.84	-883.81	-171.78	-792.87	254.47
1	1	26	41.53	-7.53	-5.67	39.66	9.39	-173.80	-1576.30	-189.57	-1560.53	147.87
1	1	27	40.22	-5.83	-3.72	38.10	9.64	-398.20	-1905.08	-435.49	-1867.80	-234.08
1	1	28	44.93	25.27	27.75	42.45	6.53	-275.96	-1912.79	-383.14	-1805.61	-404.91
1	1	29	73.62	47.21	72.59	48.24	5.10	2.16	-1484.89	-97.70	-1385.03	-372.19
1	1	37	40.45	38.32	40.45	38.33	0.12	-221.64	-1038.74	-245.78	-1014.60	138.35
1	1	39	41.24	-139.14	-134.95	37.04	27.19	1439.10	294.24	362.35	1370.99	-270.80
1	1	44	5.64	-62.41	-60.67	3.90	10.74	1411.66	260.52	260.86	1411.33	19.62
1	1	45	1.20	-55.80	-55.01	0.42	6.64	1351.11	276.15	278.09	1349.17	45.63
1	1	46	7.65	-50.71	-50.38	7.32	-4.38	1217.94	288.72	291.35	1215.31	49.37
1	1	67	28.07	-9.43	27.23	-8.59	-5.54	192.98	-65.47	179.33	-51.83	57.79
1	1	69	82.58	-130.68	-129.33	81.22	-16.94	746.57	-126.99	-126.77	746.35	13.72
1	1	72	15.03	-64.08	-64.07	15.02	-1.04	-118.36	-869.32	-118.83	-868.85	-18.68
1	1	86	49.84	-88.56	-88.41	49.69	-4.57	326.70	-333.18	-181.52	175.04	277.63
1	1	87	56.25	-146.81	-140.25	49.70	-35.88	564.97	-88.25	-61.34	538.06	129.83
1	1	126	67.76	-135.47	-118.35	50.64	-56.45	59.75	-336.77	-207.01	-70.01	-186.04
1	1	127	36.55	-112.27	-104.99	29.27	-32.11	-456.21	-865.72	-456.21	-865.72	-0.71
1	1	128	7.47	-122.19	-122.00	7.27	-5.03	-163.42	-625.81	-165.83	-623.40	-33.34
1	1	202	-40.06	-138.81	-133.70	-45.18	21.88	4395.76	807.60	4255.30	948.06	695.89
1	1	203	-37.44	-170.79	-165.14	-43.09	26.86	5575.80	1261.08	5575.58	1261.30	-30.80
1	1	204	-18.17	-131.02	-123.91	-25.28	27.41	4188.85	748.90	4029.11	908.64	-723.86
1	1	232	9.53	-110.25	-109.66	8.94	8.39	-157.23	-630.97	-164.15	-624.05	56.84

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	1	233	2.42	-156.55	-156.28	2.15	6.55	-58.23	-279.93	-65.29	-272.87	-38.93
1	1	234	51.98	-29.69	-25.31	47.59	-18.41	-239.71	-1541.81	-334.85	-1446.67	-338.87
1	1	236	-8.02	-137.06	-126.06	-19.02	-36.03	3963.02	673.54	3725.52	911.04	851.37
1	1	237	-28.20	-171.98	-163.17	-37.00	-34.48	5058.64	1189.95	5057.85	1190.75	55.46
1	1	238	-17.71	-126.44	-121.23	-22.91	-23.22	3662.98	629.93	3446.06	846.85	-781.59
1	1	240	18.19	-55.08	-54.85	17.97	-4.02	70.08	-120.51	61.66	-112.09	39.15
1	1	243	28.60	-76.52	-76.49	28.57	-1.78	-398.67	-745.23	-406.76	-737.14	52.32
1	1	281	95.98	11.08	90.57	16.50	-20.75	298.52	-510.14	237.87	-449.50	-212.98
1	1	297	17.47	-43.08	-41.91	16.30	-8.31	-199.17	-654.28	-254.78	-598.67	-149.05
1	1	298	11.46	-55.11	-54.89	11.24	3.84	-180.32	-634.43	-182.69	-632.06	-32.73
1	1	299	6.94	-52.76	-50.22	4.39	12.06	-131.23	-742.55	-131.36	-742.42	-8.93
1	1	308	12.12	-70.30	-67.94	9.76	13.76	1433.63	279.13	279.41	1433.35	-18.05
1	1	310	3.50	-51.53	-50.58	2.55	7.17	-57.87	-783.24	-58.83	-782.28	-26.37
1	1	312	23.29	-82.57	-80.00	20.73	16.29	1485.72	329.42	334.96	1480.17	-79.88
1	1	332	3.12	-153.24	-153.21	3.09	1.98	-88.73	-367.47	-95.87	-360.34	44.02
1	1	342	14.46	-102.87	-102.85	14.45	-1.29	-213.56	-969.75	-213.61	-969.70	-6.02
1	1	343	6.59	-101.19	-100.72	6.11	7.15	-231.91	-995.33	-232.18	-995.06	-14.31
1	1	352	2.96	-145.02	-144.74	2.68	6.47	-89.31	-324.88	-90.89	-323.30	-19.24
1	1	354	1.95	-152.76	-152.56	1.75	5.57	-88.47	-276.94	-94.39	-271.03	-32.86
1	1	357	5.60	-131.63	-131.27	5.24	6.98	-120.75	-426.15	-120.77	-426.13	2.62
1	1	363	8.91	-102.77	-101.76	7.90	10.57	-278.10	-1059.41	-278.14	-1059.38	-5.53
1	1	375	14.71	-106.07	-103.86	12.51	16.16	-274.49	-1040.66	-274.50	-1040.65	3.08
1	1	376	23.13	-112.55	-107.30	17.87	26.18	-308.24	-987.76	-308.32	-987.69	7.21
1	1	377	31.73	-110.93	-100.92	21.71	36.44	-423.45	-899.94	-428.28	-895.11	47.73
1	1	380	20.43	-75.14	-74.07	19.36	10.06	-191.04	-957.02	-224.51	-923.55	156.59
1	1	381	39.88	-23.05	-20.19	37.02	13.10	-213.16	-1377.39	-279.33	-1311.23	269.55
1	1	382	60.43	39.23	44.89	54.77	9.38	-76.86	-1308.06	-118.99	-1265.94	223.82
1	1	408	43.15	-119.13	-106.79	30.81	43.02	-332.23	-563.87	-363.68	-532.42	79.35
1	1	409	51.67	-144.91	-141.32	48.09	26.29	725.13	-551.38	-541.43	715.18	-112.24
1	1	410	42.75	-87.41	-87.27	42.62	4.19	-340.03	-480.09	-476.53	-343.59	-22.05
1	1	411	53.64	-129.17	-115.16	39.63	48.64	110.30	-152.56	30.02	-72.28	121.07
1	1	412	46.26	-154.47	-150.14	41.93	29.18	717.89	189.83	194.85	712.87	-51.25
1	1	413	46.63	-103.64	-103.62	46.61	1.69	47.14	-149.01	-71.60	-30.27	-95.88
1	1	414	36.64	-135.76	-125.08	25.96	41.56	1405.92	364.42	1330.80	439.53	-269.42
1	1	415	19.10	-164.93	-159.96	14.12	29.85	2148.84	943.60	2148.07	944.37	-30.49
1	1	416	25.15	-126.20	-125.53	24.49	10.00	1421.06	378.08	1347.66	451.47	266.76
1	2	6	81.02	-30.35	76.43	-25.77	22.14	491.48	-377.66	438.38	-324.56	208.17
1	2	7	90.80	11.77	90.50	12.07	4.89	340.45	-586.84	304.50	-550.89	179.01
1	2	8	82.23	-7.83	80.53	-6.13	-12.29	415.86	-449.20	346.34	-379.69	-235.17
1	2	16	0.96	-31.94	-27.78	-3.20	-10.93	-6.67	-505.08	-149.64	-362.11	225.42
1	2	19	37.89	-19.58	-16.21	34.51	-13.51	-139.88	-1137.36	-140.57	-1136.67	-26.24
1	2	21	9.07	-60.96	-60.66	8.77	-4.57	-179.05	-702.20	-212.23	-669.02	-127.50
1	2	23	-5.02	-81.47	-81.31	-5.18	3.51	-225.75	-550.50	-239.65	-536.60	65.74
1	2	25	9.72	-57.97	-56.34	8.09	10.37	-85.21	-881.58	-180.61	-786.17	258.61
1	2	26	41.94	-6.50	-4.29	39.73	10.10	-161.83	-1553.56	-178.08	-1537.30	149.52
1	2	27	40.10	-4.68	-2.52	37.95	9.59	-383.95	-1869.96	-423.45	-1830.46	-239.04
1	2	28	44.47	25.72	28.08	42.10	6.22	-262.35	-1883.92	-375.68	-1770.59	-413.44
1	2	29	73.41	46.97	72.51	47.87	4.79	14.67	-1470.22	-92.89	-1362.67	-384.89
1	2	37	40.26	37.93	40.23	37.95	0.24	-218.55	-1014.33	-243.36	-989.52	138.30
1	2	39	41.13	-139.87	-135.72	36.98	27.10	1492.82	337.18	404.11	1425.89	-269.94
1	2	44	5.49	-62.00	-60.23	3.72	10.78	1463.35	270.70	270.98	1463.06	18.45
1	2	45	1.13	-55.48	-54.67	0.32	6.71	1398.02	286.06	287.80	1396.28	43.97
1	2	46	7.63	-50.40	-50.07	7.30	-4.37	1255.07	293.84	295.91	1253.00	44.49
1	2	67	28.51	-9.20	27.73	-8.42	-5.34	197.18	-62.64	183.60	-49.06	57.82
1	2	69	82.73	-130.75	-129.42	81.40	-16.79	779.21	-92.66	-92.54	779.08	10.40
1	2	72	14.83	-64.08	-64.06	14.81	-1.32	-125.00	-920.08	-125.14	-919.94	-10.60
1	2	86	49.68	-88.56	-88.41	49.53	-4.58	303.92	-366.99	-220.64	157.57	277.07
1	2	87	56.17	-147.00	-140.44	49.61	-35.91	548.86	-145.11	-116.56	520.31	137.82
1	2	126	67.54	-135.62	-118.52	50.44	-56.41	29.96	-369.87	-238.45	-101.46	-187.82
1	2	127	36.42	-112.23	-104.92	29.12	-32.13	-468.18	-919.46	-468.32	-919.32	7.90
1	2	128	7.35	-122.15	-121.94	7.15	-5.16	-158.41	-597.78	-160.88	-595.32	-32.83
1	2	202	-40.59	-139.18	-134.03	-45.73	21.92	4430.15	816.48	4293.75	952.88	688.70
1	2	203	-37.74	-171.07	-165.41	-43.40	26.88	5625.27	1269.69	5625.06	1269.91	-30.66
1	2	204	-18.54	-131.35	-124.25	-25.64	27.38	4222.67	758.54	4067.49	913.72	-716.58
1	2	232	9.41	-110.16	-109.55	8.81	8.49	-152.30	-603.35	-159.36	-596.29	55.99
1	2	233	2.42	-156.33	-156.05	2.14	6.59	-53.24	-263.67	-61.29	-255.63	-40.34
1	2	234	51.71	-29.93	-25.50	47.27	-18.50	-227.72	-1516.46	-329.73	-1414.45	-347.94
1	2	236	-8.40	-137.39	-126.38	-19.41	-36.03	3988.77	685.52	3758.10	916.20	841.88
1	2	237	-28.47	-172.18	-163.36	-37.29	-34.50	5091.81	1195.23	5090.98	1196.06	56.83
1	2	238	-17.97	-126.62	-121.41	-23.17	-23.21	3680.31	638.59	3469.46	849.44	-772.59
1	2	240	18.17	-55.04	-54.81	17.95	-4.04	97.62	-115.86	92.28	-110.52	33.34
1	2	243	28.64	-76.79	-76.75	28.60	-2.07	-409.06	-804.05	-420.97	-792.13	67.56
1	2	281	95.93	11.30	90.62	16.61	-20.52	296.68	-503.94	239.25	-446.51	-206.58

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	2	297	17.70	-42.66	-41.44	16.48	-8.50	-218.33	-685.74	-271.70	-632.37	-148.66
1	2	298	11.62	-55.18	-54.94	11.38	4.01	-191.45	-681.66	-194.14	-678.97	-36.21
1	2	299	6.82	-52.60	-49.89	4.11	12.39	-144.48	-790.15	-144.71	-789.92	-12.27
1	2	308	11.88	-69.72	-67.34	9.49	13.74	1486.82	293.16	293.45	1486.53	-18.46
1	2	310	3.07	-51.22	-50.24	2.09	7.22	-68.54	-829.63	-69.42	-828.76	-25.83
1	2	312	23.04	-81.73	-79.15	20.46	16.23	1545.14	356.90	362.25	1539.79	-79.59
1	2	332	3.10	-153.01	-152.99	3.08	1.87	-83.90	-349.98	-92.08	-341.80	45.92
1	2	342	14.50	-102.70	-102.68	14.48	-1.27	-221.74	-1014.23	-221.79	-1014.19	-6.13
1	2	343	6.58	-100.93	-100.45	6.11	7.14	-241.68	-1039.05	-241.94	-1038.79	-14.29
1	2	352	2.94	-144.80	-144.51	2.65	6.53	-85.21	-305.50	-87.03	-303.68	-19.93
1	2	354	1.91	-152.53	-152.33	1.71	5.59	-84.95	-259.17	-91.62	-252.50	-33.44
1	2	357	5.58	-131.44	-131.08	5.22	7.05	-116.72	-402.84	-116.73	-402.83	1.69
1	2	363	8.88	-102.53	-101.53	7.87	10.52	-287.50	-1105.71	-287.53	-1105.68	-5.58
1	2	375	14.69	-105.92	-103.74	12.51	16.07	-278.93	-1086.38	-278.94	-1086.37	2.27
1	2	376	23.11	-112.61	-107.39	17.88	26.12	-310.17	-1036.97	-310.17	-1036.96	2.27
1	2	377	31.57	-110.86	-100.83	21.54	36.44	-438.21	-948.64	-440.78	-946.07	36.14
1	2	380	20.22	-75.24	-74.15	19.13	10.14	-182.46	-923.70	-218.31	-887.85	159.01
1	2	381	39.58	-23.30	-20.40	36.67	13.19	-201.89	-1348.35	-273.28	-1276.96	277.04
1	2	382	60.17	38.86	44.62	54.41	9.46	-67.06	-1291.16	-114.45	-1243.77	236.16
1	2	408	42.81	-119.17	-106.90	30.54	42.86	-362.17	-592.32	-385.40	-569.09	69.33
1	2	409	51.69	-145.55	-141.99	48.13	26.25	722.58	-593.80	-584.33	713.11	-111.24
1	2	410	42.79	-87.66	-87.51	42.65	4.38	-382.92	-497.53	-496.56	-383.88	-10.46
1	2	411	53.34	-129.35	-115.38	39.37	48.55	83.77	-184.59	-7.18e-02	-100.74	124.38
1	2	412	46.16	-154.92	-150.59	41.83	29.19	700.18	143.16	147.78	695.57	-50.50
1	2	413	46.51	-103.79	-103.76	46.48	1.87	20.77	-181.14	-100.10	-60.27	-98.97
1	2	414	36.37	-136.03	-125.35	25.69	41.55	1383.93	356.26	1316.04	424.15	-255.26
1	2	415	18.87	-165.27	-160.29	13.89	29.89	2129.18	933.35	2128.43	934.10	-30.04
1	2	416	24.89	-126.43	-125.75	24.21	10.09	1399.75	369.29	1333.56	435.48	252.63
1	15	6	60.62	-23.48	58.35	-21.22	13.61	388.06	-306.45	338.03	-256.42	179.56
1	15	7	73.83	11.08	72.45	12.47	9.21	258.57	-439.67	236.91	-418.01	121.06
1	15	8	66.17	-10.01	64.63	-8.46	-10.73	320.05	-352.26	261.10	-293.32	-190.14
1	15	16	-0.27	-38.16	-34.87	-3.56	-10.67	-12.13	-385.79	-119.54	-278.38	169.11
1	15	19	27.70	-32.70	-29.61	24.61	-13.31	-99.87	-858.84	-100.46	-858.25	-21.21
1	15	21	5.56	-66.08	-65.44	4.92	-6.71	-113.67	-525.30	-141.21	-497.76	-102.85
1	15	23	-5.79	-83.18	-83.17	-5.80	-0.84	-169.53	-410.72	-175.55	-404.70	37.62
1	15	25	4.37	-64.34	-64.11	4.14	3.95	-84.16	-668.70	-148.90	-603.96	183.45
1	15	26	28.62	-23.62	-23.42	28.42	3.23	-147.98	-1198.01	-160.11	-1185.88	112.21
1	15	27	28.40	-15.75	-15.57	28.22	2.79	-320.04	-1450.95	-348.39	-1422.60	-176.82
1	15	28	32.36	15.46	15.47	32.35	0.37	-215.70	-1461.10	-295.30	-1381.50	-304.62
1	15	29	53.79	37.12	53.79	37.13	-0.18	-0.33	-1139.82	-73.14	-1067.01	-278.69
1	15	37	29.16	26.29	26.48	28.97	-0.72	-165.97	-778.48	-186.96	-757.49	111.42
1	15	39	30.40	-111.89	-109.56	28.06	18.09	1133.72	249.88	300.44	1083.16	-205.26
1	15	44	3.47	-50.49	-49.37	2.36	7.67	1091.36	195.31	195.50	1091.17	13.06
1	15	45	0.66	-44.00	-43.16	-0.18	6.06	1037.16	210.50	211.74	1035.91	32.07
1	15	46	5.59	-37.04	-37.03	5.58	-0.62	926.15	220.11	221.36	924.91	29.60
1	15	67	14.75	-7.85	13.10	-6.20	-5.88	149.48	-39.64	140.49	-30.65	40.25
1	15	69	63.83	-96.28	-95.77	63.32	-9.01	548.28	-101.68	-101.55	548.16	9.04
1	15	72	11.40	-59.14	-58.78	11.04	-5.00	-105.44	-705.20	-106.12	-704.52	-20.16
1	15	86	38.90	-68.14	-68.08	38.85	-2.46	232.23	-298.47	-180.70	114.46	220.52
1	15	87	42.92	-107.84	-104.16	39.24	-23.26	390.53	-130.72	-109.64	369.45	102.68
1	15	126	48.85	-97.17	-87.03	38.72	-37.11	42.43	-300.22	-185.50	-72.29	-161.71
1	15	127	25.97	-77.95	-74.77	22.78	-17.92	-362.93	-702.85	-362.94	-702.84	1.49
1	15	128	6.44	-83.11	-82.83	6.17	4.92	-107.96	-420.36	-111.47	-416.86	-32.90
1	15	202	-36.44	-107.98	-105.88	-38.53	12.06	3440.43	622.31	3326.30	736.44	555.52
1	15	203	-37.81	-133.80	-131.44	-40.17	14.87	4373.12	985.10	4373.03	985.19	-17.19
1	15	204	-21.81	-101.83	-97.69	-25.95	17.71	3279.09	582.43	3154.67	706.84	-565.71
1	15	232	9.95	-76.82	-75.24	8.37	11.59	-114.92	-469.02	-121.28	-462.66	47.03
1	15	233	4.42	-108.33	-106.53	2.62	14.14	-34.56	-180.96	-39.35	-176.17	-26.06
1	15	234	36.71	-15.46	-14.41	35.66	-7.33	-161.42	-1143.24	-245.33	-1059.32	-274.49
1	15	236	-4.14	-98.95	-93.37	-9.72	-22.32	3032.56	537.14	2866.41	703.28	622.09
1	15	237	-16.72	-126.10	-121.40	-21.42	-22.18	3881.90	914.61	3881.39	915.11	38.81
1	15	238	-9.82	-95.20	-92.05	-12.97	-16.08	2796.93	491.91	2640.80	648.04	-579.23
1	15	240	14.25	-44.61	-44.51	14.15	-2.38	60.76	-95.74	57.36	-92.34	22.81
1	15	243	22.07	-67.96	-67.56	21.67	-5.98	-322.44	-604.48	-328.18	-598.73	39.84
1	15	281	71.42	10.48	67.13	14.77	-15.59	217.17	-384.78	179.55	-347.16	-145.71
1	15	297	12.95	-38.35	-37.66	12.26	-5.93	-161.67	-526.65	-205.34	-482.98	-118.46
1	15	298	8.10	-50.43	-50.34	8.01	2.31	-145.06	-520.85	-147.19	-518.72	-28.22
1	15	299	3.67	-48.95	-47.77	2.49	7.80	-104.38	-602.62	-104.85	-602.14	-15.35
1	15	308	7.95	-57.01	-55.92	6.86	8.36	1113.83	211.08	211.31	1113.59	-14.56
1	15	310	1.47	-48.62	-48.48	1.32	2.70	-54.77	-636.79	-56.20	-635.36	-28.86
1	15	312	16.45	-66.88	-65.77	15.33	9.57	1163.76	257.98	261.89	1159.85	-59.41
1	15	332	4.41	-105.21	-104.12	3.32	10.90	-52.63	-239.76	-60.16	-232.22	36.79
1	15	342	11.48	-73.00	-72.72	11.21	4.81	-170.55	-776.09	-170.55	-776.09	2.35e-02

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	15	343	5.76	-73.10	-71.78	4.44	10.13	-179.04	-785.99	-179.10	-785.94	-5.90
1	15	352	4.61	-101.02	-99.69	3.28	11.79	-60.99	-220.60	-61.59	-220.00	-9.82
1	15	354	3.69	-106.02	-104.66	2.33	12.14	-59.41	-179.50	-63.10	-175.81	-20.74
1	15	357	6.73	-91.93	-90.54	5.35	11.61	-86.29	-304.76	-86.44	-304.61	5.76
1	15	363	7.56	-75.18	-73.59	5.98	11.35	-217.87	-836.17	-217.88	-836.16	2.50
1	15	375	11.94	-78.42	-76.00	9.51	14.62	-212.66	-821.19	-212.87	-820.98	11.33
1	15	376	18.90	-84.77	-79.67	13.80	22.41	-236.37	-781.52	-236.78	-781.11	14.98
1	15	377	25.80	-84.65	-75.75	16.90	30.06	-327.61	-715.21	-331.79	-711.03	40.04
1	15	380	18.61	-51.34	-49.37	16.64	11.57	-139.85	-725.46	-168.59	-696.73	126.50
1	15	381	33.79	-12.42	-8.71	30.08	12.56	-155.51	-1056.25	-210.04	-1001.72	214.80
1	15	382	48.20	33.14	39.45	41.89	7.43	-55.44	-1005.43	-90.37	-970.50	178.78
1	15	408	34.05	-91.64	-81.67	24.08	33.96	-257.71	-450.48	-282.45	-425.74	64.47
1	15	409	38.59	-116.17	-114.36	36.77	16.68	567.05	-428.07	-421.78	560.76	-78.90
1	15	410	32.49	-74.87	-74.85	32.47	-1.56	-281.37	-378.64	-376.89	-283.13	-12.96
1	15	411	40.84	-99.97	-89.51	30.37	36.93	89.19	-131.25	24.83	-66.89	100.22
1	15	412	33.43	-122.40	-120.33	31.35	17.88	561.78	157.23	159.87	559.14	-32.57
1	15	413	35.70	-86.05	-85.94	35.58	-3.77	25.10	-117.91	-57.72	-35.08	-70.60
1	15	414	25.22	-104.99	-97.84	18.07	29.67	1099.04	280.71	1044.84	334.90	-203.50
1	15	415	10.37	-129.33	-127.09	8.14	17.52	1692.35	738.45	1692.06	738.75	-16.70
1	15	416	17.49	-100.58	-100.52	17.43	2.70	1114.70	284.51	1056.07	343.15	212.70
1	24	6	73.10	-30.88	66.46	-24.25	25.42	362.85	-283.66	322.95	-243.77	155.56
1	24	7	62.17	10.38	62.00	10.54	-2.90	267.38	-473.61	229.93	-436.16	162.32
1	24	8	56.45	-3.66	56.45	-3.66	0.59	334.26	-373.53	269.92	-309.19	-203.47
1	24	16	22.89	-8.92	14.30	-0.33	-14.12	14.68	-408.07	-100.86	-292.53	188.40
1	24	19	51.26	25.28	43.19	33.34	-12.02	-69.73	-914.77	-70.37	-914.13	-23.21
1	24	21	19.99	11.55	16.72	14.82	-4.11	-91.31	-569.84	-124.10	-537.05	-120.89
1	24	23	2.74	-5.20	-4.66	2.21	2.00	-177.21	-443.82	-183.76	-437.27	41.26
1	24	25	19.80	2.67	9.38	13.09	8.36	-101.09	-744.83	-179.62	-666.31	210.67
1	24	26	52.16	29.50	44.06	37.60	10.86	-168.69	-1295.66	-185.67	-1278.68	137.31
1	24	27	51.15	26.32	40.73	36.74	12.25	-287.18	-1506.18	-312.23	-1481.13	-172.94
1	24	28	58.93	32.37	53.74	37.56	10.53	-188.75	-1487.83	-272.73	-1403.85	-319.44
1	24	29	75.32	34.23	72.12	37.42	11.01	11.19	-1141.88	-73.21	-1057.47	-300.33
1	24	37	43.67	26.55	41.51	28.71	-5.68	-167.63	-771.62	-181.06	-758.19	89.06
1	24	39	37.59	-114.50	-107.71	30.80	31.39	1249.71	310.65	372.95	1187.41	-233.71
1	24	44	6.79	-50.05	-48.45	5.19	9.40	1206.21	227.45	227.63	1206.03	13.47
1	24	45	2.04	-42.74	-42.70	2.00	1.32	1155.72	232.76	234.48	1154.00	39.78
1	24	46	7.87	-38.96	-35.66	4.57	-11.98	1057.23	255.47	259.14	1053.56	54.12
1	24	67	44.58	-7.11	42.09	-4.62	-11.06	151.33	-62.13	139.46	-50.27	48.91
1	24	69	61.32	-97.39	-93.88	57.82	-23.32	706.39	-1.24	-0.94	706.09	14.60
1	24	72	14.92	-28.75	-28.41	14.58	3.84	-62.13	-657.45	-63.70	-655.88	-30.51
1	24	86	38.02	-62.26	-60.96	36.73	-11.33	243.16	-245.16	-151.35	149.35	192.37
1	24	87	46.74	-113.36	-103.45	36.83	-38.57	473.17	-97.67	-74.23	449.74	113.26
1	24	126	56.39	-113.57	-95.23	38.05	-52.73	-19.99	-231.48	-184.11	-67.37	-88.18
1	24	127	26.94	-100.76	-90.83	17.01	-34.19	-320.28	-668.48	-323.13	-665.63	31.37
1	24	128	1.63	-122.83	-121.92	0.72	-10.61	-154.17	-572.23	-154.25	-572.15	-5.85
1	24	202	-28.18	-114.37	-101.43	-41.12	30.79	3383.68	624.15	3278.40	729.43	528.61
1	24	203	-21.06	-143.68	-128.51	-36.23	40.37	4292.76	972.01	4292.25	972.52	-41.22
1	24	204	-4.38	-111.50	-97.56	-18.32	36.05	3243.24	562.92	3108.89	697.26	-584.84
1	24	232	4.92	-125.23	-124.28	3.98	11.05	-150.94	-551.16	-152.41	-549.69	24.20
1	24	233	-1.35	-165.23	-165.23	-1.35	-6.16e-02	-74.96	-302.60	-81.56	-296.01	-38.17
1	24	234	40.54	-40.53	-34.82	34.84	-20.73	-213.32	-1195.43	-269.05	-1139.71	-227.20
1	24	236	2.00	-112.45	-98.35	-12.10	-37.61	3040.21	494.87	2840.70	694.38	684.11
1	24	237	-13.04	-136.66	-122.76	-26.93	-39.05	3828.57	904.59	3827.31	905.85	60.73
1	24	238	-7.83	-97.68	-88.57	-16.93	-27.11	2797.74	482.50	2629.90	650.35	-600.35
1	24	240	15.98	-31.00	-28.38	13.36	-10.78	99.56	-63.67	95.19	-59.30	26.33
1	24	243	25.89	-41.59	-41.09	25.39	5.79	-292.08	-588.53	-303.68	-576.93	57.49
1	24	281	83.42	7.24	76.14	14.51	-22.40	234.74	-381.29	186.31	-332.85	-165.80
1	24	297	17.35	-17.41	-12.52	12.46	-12.08	-151.47	-483.97	-184.76	-450.68	-99.81
1	24	298	11.19	-20.76	-20.62	11.05	2.11	-128.89	-482.63	-130.92	-480.60	-26.72
1	24	299	10.75	-20.91	-16.29	6.13	11.18	-88.15	-556.40	-88.94	-555.61	-19.23
1	24	308	13.75	-58.06	-54.23	9.91	16.14	1223.70	237.51	237.98	1223.23	-21.47
1	24	310	7.41	-19.83	-16.53	4.11	8.89	-15.51	-582.69	-18.66	-579.54	-42.17
1	24	312	23.17	-68.56	-63.69	18.30	20.57	1279.39	315.81	321.60	1273.61	-74.42
1	24	332	-0.58	-154.91	-154.73	-0.76	-5.26	-96.95	-365.74	-100.35	-362.35	30.01
1	24	342	11.05	-95.28	-94.30	10.07	-10.19	-156.04	-749.93	-156.17	-749.80	-8.78
1	24	343	6.02	-96.36	-96.35	6.01	-0.87	-205.65	-797.39	-206.05	-796.98	-15.50
1	24	352	-0.60	-158.95	-158.70	-0.85	6.30	-97.69	-332.36	-99.76	-330.29	-21.98
1	24	354	-2.00	-166.45	-166.40	-2.05	2.86	-100.21	-299.46	-105.21	-294.46	-31.16
1	24	357	1.70	-145.81	-145.42	1.31	7.59	-120.34	-403.50	-120.78	-403.07	-11.06
1	24	363	7.44	-98.74	-98.36	7.05	6.37	-235.81	-848.76	-236.03	-848.54	-11.59
1	24	375	13.06	-101.88	-99.92	11.10	14.89	-221.73	-831.96	-221.85	-831.84	-8.37
1	24	376	20.37	-106.55	-101.53	15.34	24.75	-233.61	-792.90	-233.83	-792.69	-11.02
1	24	377	28.07	-104.12	-94.01	17.95	35.14	-327.65	-722.46	-327.66	-722.44	2.62

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	24	380	14.20	-92.36	-90.30	12.14	14.67	-176.90	-775.72	-192.96	-759.66	96.73
1	24	381	31.20	-44.03	-39.30	26.48	18.25	-192.03	-1077.58	-231.13	-1038.49	181.92
1	24	382	51.76	13.09	22.71	42.13	16.72	-72.28	-1018.48	-97.08	-993.68	151.17
1	24	408	38.10	-109.05	-95.17	24.22	43.01	-284.50	-432.24	-285.76	-430.98	13.58
1	24	409	46.24	-119.78	-112.64	39.11	33.67	629.49	-424.12	-412.43	617.81	-110.35
1	24	410	38.14	-55.48	-53.73	36.39	12.67	-281.09	-379.25	-376.73	-283.61	15.51
1	24	411	47.75	-114.47	-97.55	30.83	49.59	26.80	-101.98	-0.64	-74.54	52.73
1	24	412	42.64	-127.73	-118.40	33.32	38.75	581.43	104.45	111.91	573.98	-59.16
1	24	413	39.02	-72.39	-71.00	37.63	12.37	3.60	-118.84	-74.06	-41.18	-58.97
1	24	414	36.05	-116.25	-100.70	20.50	46.12	1076.73	249.83	1001.92	324.64	-237.21
1	24	415	22.10	-137.12	-125.33	10.31	41.69	1624.38	736.24	1622.31	738.31	-42.84
1	24	416	21.59	-96.17	-92.43	17.85	20.65	1074.36	282.10	1018.93	337.53	202.09
1	47	6	60.47	-23.51	58.31	-21.35	13.29	388.96	-307.78	338.12	-256.94	181.21
1	47	7	74.24	11.23	72.70	12.77	9.71	258.29	-438.52	237.20	-417.43	119.38
1	47	8	66.43	-10.38	64.87	-8.82	-10.84	320.03	-352.74	260.65	-293.35	-190.85
1	47	16	-0.35	-39.41	-36.10	-3.66	-10.87	-12.63	-385.64	-119.90	-278.36	168.84
1	47	19	27.58	-34.31	-31.17	24.43	-13.60	-98.80	-857.23	-99.40	-856.63	-21.27
1	47	21	5.43	-67.90	-67.22	4.75	-7.03	-111.53	-524.06	-139.28	-496.31	-103.33
1	47	23	-5.95	-85.15	-85.14	-5.97	-1.18	-169.38	-409.61	-175.05	-403.94	36.48
1	47	25	4.13	-66.26	-66.07	3.95	3.59	-85.88	-667.49	-150.05	-603.33	182.21
1	47	26	28.37	-25.41	-25.26	28.22	2.83	-149.99	-1197.57	-162.07	-1185.49	111.82
1	47	27	28.25	-16.92	-16.80	28.12	2.36	-321.94	-1451.39	-350.14	-1423.19	-176.23
1	47	28	32.34	14.92	14.92	32.34	-5.26e-02	-216.62	-1461.75	-295.68	-1382.68	-303.64
1	47	29	53.63	37.12	53.61	37.14	-0.54	-1.03	-1140.42	-73.19	-1068.26	-277.51
1	47	37	29.15	25.86	26.07	28.94	-0.81	-165.71	-777.77	-186.88	-756.60	111.85
1	47	39	30.29	-112.32	-110.05	28.02	17.83	1133.80	249.65	300.07	1083.38	-205.03
1	47	44	3.40	-50.74	-49.65	2.31	7.61	1089.56	194.46	194.65	1089.37	12.96
1	47	45	0.64	-44.11	-43.25	-0.22	6.15	1034.89	209.94	211.17	1033.65	31.89
1	47	46	5.57	-36.90	-36.90	5.57	-0.37	923.41	219.61	220.82	922.21	29.04
1	47	67	14.16	-7.97	12.36	-6.17	-6.05	149.41	-38.83	140.53	-29.95	39.91
1	47	69	63.86	-95.89	-95.42	63.39	-8.64	544.51	-103.65	-103.52	544.38	9.10
1	47	72	11.41	-60.07	-59.66	11.01	-5.38	-106.38	-705.87	-107.12	-705.12	-21.09
1	47	86	38.96	-68.14	-68.09	38.91	-2.36	231.56	-300.74	-182.63	113.45	221.18
1	47	87	42.90	-107.37	-103.80	39.34	-22.86	387.32	-133.57	-112.55	366.30	102.50
1	47	126	48.57	-96.52	-86.65	38.70	-36.53	43.51	-302.61	-186.75	-72.36	-163.34
1	47	127	25.80	-77.20	-74.21	22.82	-17.28	-363.88	-703.61	-363.88	-703.61	1.22
1	47	128	6.60	-82.20	-81.82	6.23	5.75	-106.60	-416.27	-110.25	-412.62	-33.45
1	47	202	-36.91	-108.10	-106.15	-38.86	11.61	3444.00	621.95	3329.12	736.83	557.68
1	47	203	-38.61	-134.05	-131.84	-40.82	14.34	4378.32	986.07	4378.24	986.15	-16.59
1	47	204	-22.52	-101.92	-97.90	-26.54	17.41	3282.56	582.50	3157.79	707.28	-566.86
1	47	232	10.24	-76.12	-74.39	8.52	12.07	-114.51	-468.97	-121.06	-462.42	47.75
1	47	233	4.76	-107.31	-105.27	2.71	14.99	-33.83	-178.64	-38.54	-173.93	-25.69
1	47	234	36.48	-14.82	-13.94	35.59	-6.69	-159.76	-1140.65	-244.45	-1055.95	-275.51
1	47	236	-3.89	-98.36	-93.02	-9.23	-21.82	3029.79	538.30	2864.83	703.26	619.52
1	47	237	-16.22	-125.53	-121.00	-20.75	-21.78	3879.33	914.28	3878.83	914.78	38.37
1	47	238	-9.44	-95.00	-91.93	-12.52	-15.92	2794.12	492.16	2638.67	647.61	-577.64
1	47	240	14.28	-44.82	-44.73	14.19	-2.32	60.09	-96.12	56.79	-92.83	22.45
1	47	243	22.10	-68.81	-68.36	21.65	-6.39	-323.42	-604.37	-328.97	-598.82	39.10
1	47	281	71.20	10.65	66.89	14.96	-15.57	216.15	-384.42	179.18	-347.45	-144.35
1	47	297	12.90	-38.86	-38.18	12.23	-5.88	-161.63	-527.45	-205.48	-483.60	-118.82
1	47	298	8.04	-51.17	-51.09	7.96	2.23	-145.02	-521.62	-147.15	-519.48	-28.30
1	47	299	3.54	-49.75	-48.63	2.42	7.65	-104.00	-603.31	-104.52	-602.80	-15.98
1	47	308	7.85	-57.32	-56.29	6.81	8.15	1112.54	210.36	210.60	1112.30	-14.61
1	47	310	1.40	-49.50	-49.38	1.28	2.44	-55.14	-637.70	-56.66	-636.18	-29.70
1	47	312	16.34	-67.25	-66.20	15.29	9.30	1163.15	256.86	260.75	1159.26	-59.26
1	47	332	4.69	-104.15	-102.86	3.40	11.78	-51.41	-236.84	-59.10	-229.15	36.97
1	47	342	11.56	-72.48	-72.14	11.22	5.36	-170.73	-776.66	-170.73	-776.66	0.44
1	47	343	5.87	-72.71	-71.26	4.42	10.57	-178.72	-785.54	-178.77	-785.49	-5.42
1	47	352	4.89	-100.10	-98.61	3.39	12.42	-60.46	-218.80	-61.02	-218.23	-9.43
1	47	354	3.97	-105.03	-103.49	2.43	12.87	-58.76	-177.26	-62.37	-173.66	-20.35
1	47	357	7.01	-91.12	-89.58	5.47	12.19	-85.88	-303.73	-86.05	-303.55	6.19
1	47	363	7.64	-74.85	-73.17	5.96	11.66	-217.65	-835.60	-217.66	-835.58	3.13
1	47	375	12.02	-78.14	-75.64	9.51	14.83	-212.58	-820.52	-212.82	-820.27	12.21
1	47	376	19.02	-84.60	-79.40	13.82	22.62	-236.18	-780.68	-236.66	-780.21	16.04
1	47	377	25.94	-84.59	-75.58	16.93	30.26	-327.09	-714.69	-331.50	-710.29	41.08
1	47	380	18.92	-50.76	-48.65	16.82	11.93	-139.61	-726.18	-168.53	-697.26	126.98
1	47	381	34.12	-11.94	-8.07	30.24	12.79	-155.28	-1057.41	-209.90	-1002.79	215.15
1	47	382	48.42	33.38	39.91	41.89	7.45	-55.52	-1006.27	-90.49	-971.30	178.97
1	47	408	34.15	-91.64	-81.62	24.13	34.05	-256.52	-451.01	-282.11	-425.42	65.75
1	47	409	38.49	-116.59	-114.85	36.75	16.35	568.01	-427.38	-421.17	561.79	-78.41
1	47	410	32.48	-75.59	-75.55	32.44	-2.01	-281.04	-378.78	-376.88	-282.95	-13.52
1	47	411	40.82	-100.02	-89.58	30.38	36.90	90.35	-131.26	25.71	-66.62	100.73
1	47	412	33.25	-122.74	-120.76	31.27	17.46	563.31	159.03	161.58	560.76	-31.96

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	47	413	35.71	-86.66	-86.51	35.56	-4.25	25.16	-116.91	-56.91	-34.85	-70.17
1	47	414	24.97	-105.04	-97.98	17.91	29.46	1101.32	281.13	1047.12	335.33	-203.76
1	47	415	10.00	-129.56	-127.46	7.89	17.02	1696.43	740.14	1696.16	740.41	-16.07
1	47	416	17.36	-100.91	-100.87	17.31	2.24	1117.32	284.42	1058.13	343.60	214.00
1	56	6	74.10	-31.60	67.16	-24.66	26.18	361.40	-282.98	321.66	-243.23	155.02
1	56	7	61.55	10.41	61.30	10.65	-3.51	267.93	-475.59	229.59	-437.24	164.44
1	56	8	55.98	-3.60	55.94	-3.56	1.51	335.58	-375.96	270.28	-310.66	-205.43
1	56	16	25.84	-8.39	17.59	-0.14	-14.65	17.02	-409.02	-99.55	-292.45	189.93
1	56	19	55.33	27.02	48.37	33.98	-12.19	-66.12	-917.66	-66.76	-917.01	-23.39
1	56	21	24.52	13.62	22.57	15.57	-4.18	-87.37	-572.44	-120.89	-538.92	-123.03
1	56	23	3.92	-0.47	0.67	2.78	1.93	-177.77	-445.65	-183.99	-439.42	40.37
1	56	25	22.40	5.58	14.24	13.74	8.41	-104.30	-750.86	-183.38	-671.79	211.83
1	56	26	55.64	31.10	48.47	38.27	11.16	-172.42	-1304.42	-189.85	-1287.00	139.37
1	56	27	54.28	27.86	44.70	37.45	12.70	-286.29	-1511.59	-310.97	-1486.90	-172.15
1	56	28	61.85	32.90	56.72	38.04	11.06	-187.41	-1490.35	-271.21	-1406.55	-319.63
1	56	29	77.07	34.03	73.63	37.47	11.67	11.44	-1142.64	-73.30	-1057.90	-301.02
1	56	37	44.85	26.27	42.46	28.66	-6.22	-167.49	-770.33	-180.46	-757.36	87.47
1	56	39	38.19	-115.19	-108.02	31.02	32.37	1259.30	316.02	379.23	1196.09	-235.86
1	56	44	7.03	-50.23	-48.61	5.40	9.50	1213.55	229.19	229.37	1213.37	13.29
1	56	45	2.18	-42.78	-42.76	2.16	0.96	1163.09	234.00	235.75	1161.34	40.27
1	56	46	8.22	-39.14	-35.39	4.48	-12.77	1066.30	258.26	262.13	1062.42	55.81
1	56	67	46.68	-7.14	44.00	-4.46	-11.70	151.35	-63.32	139.38	-51.35	49.26
1	56	69	61.20	-97.17	-93.36	57.38	-24.28	716.99	5.95	6.27	716.67	15.11
1	56	72	15.30	-26.93	-26.48	14.86	4.29	-59.16	-654.02	-60.93	-652.25	-32.38
1	56	86	38.07	-61.79	-60.31	36.60	-12.05	243.66	-242.45	-150.40	151.61	190.45
1	56	87	47.14	-113.46	-103.03	36.71	-39.58	477.54	-97.54	-73.92	453.92	114.13
1	56	126	56.82	-114.45	-95.61	37.98	-53.59	-24.17	-227.75	-184.85	-67.07	-83.03
1	56	127	26.88	-102.13	-91.77	16.51	-35.07	-316.71	-666.26	-320.02	-662.95	33.85
1	56	128	1.28	-125.52	-124.52	0.27	-11.23	-156.91	-582.07	-156.95	-582.03	-4.01
1	56	202	-27.71	-115.27	-101.30	-41.68	32.06	3382.56	623.99	3277.31	729.24	528.45
1	56	203	-20.10	-145.03	-128.64	-36.50	42.18	4290.87	971.80	4290.31	972.35	-42.87
1	56	204	-3.37	-112.58	-97.75	-18.20	37.42	3243.73	561.20	3108.08	696.85	-587.78
1	56	232	4.71	-128.97	-127.98	3.72	11.47	-153.76	-558.50	-155.03	-557.24	22.62
1	56	233	-1.63	-169.42	-169.42	-1.63	-0.54	-77.96	-311.26	-84.63	-304.59	-38.87
1	56	234	40.61	-42.15	-36.23	34.69	-21.33	-216.40	-1197.67	-270.35	-1143.73	-223.67
1	56	236	2.81	-113.11	-98.46	-11.85	-38.52	3038.23	492.07	2836.78	693.53	687.28
1	56	237	-12.13	-137.14	-122.50	-26.77	-40.20	3821.25	903.36	3819.92	904.70	62.35
1	56	238	-7.20	-97.79	-88.13	-16.86	-27.96	2795.18	481.92	2626.95	650.15	-600.72
1	56	240	16.35	-30.14	-27.11	13.31	-11.48	102.30	-61.19	97.97	-56.85	26.28
1	56	243	26.33	-40.08	-39.44	25.69	6.47	-290.10	-587.04	-302.04	-575.10	58.32
1	56	281	84.32	7.08	76.73	14.68	-23.00	235.31	-380.58	186.54	-331.81	-166.31
1	56	297	17.98	-16.25	-10.72	12.44	-12.60	-150.44	-480.28	-183.10	-447.63	-98.51
1	56	298	11.36	-18.76	-18.62	11.22	2.02	-127.45	-479.78	-129.51	-477.72	-26.85
1	56	299	11.41	-19.25	-14.24	6.39	11.34	-86.38	-552.79	-87.26	-551.92	-20.21
1	56	308	14.20	-58.44	-54.39	10.15	16.66	1230.87	238.61	239.10	1230.38	-22.14
1	56	310	8.09	-18.23	-14.48	4.33	9.20	-12.42	-578.72	-15.89	-575.24	-44.21
1	56	312	23.72	-69.08	-63.89	18.53	21.32	1287.59	319.74	325.68	1281.66	-75.56
1	56	332	-0.83	-158.38	-158.16	-1.05	-5.89	-99.74	-374.24	-102.97	-371.01	29.63
1	56	342	11.11	-96.85	-95.71	9.96	-11.05	-154.92	-748.27	-155.06	-748.13	-9.16
1	56	343	6.13	-98.13	-98.11	6.11	-1.46	-207.23	-799.05	-207.66	-798.62	-15.91
1	56	352	-0.87	-163.35	-163.10	-1.12	6.42	-100.54	-340.67	-102.69	-338.52	-22.63
1	56	354	-2.32	-171.01	-170.96	-2.36	2.73	-103.32	-308.11	-108.35	-303.08	-31.70
1	56	357	1.46	-149.95	-149.54	1.06	7.79	-123.01	-411.33	-123.52	-410.81	-12.15
1	56	363	7.53	-100.59	-100.23	7.17	6.20	-237.46	-850.69	-237.70	-850.45	-12.27
1	56	375	13.19	-103.77	-101.78	11.20	15.12	-222.51	-833.86	-222.65	-833.72	-9.34
1	56	376	20.58	-108.40	-103.28	15.46	25.18	-233.81	-794.95	-234.07	-794.68	-12.27
1	56	377	28.40	-105.87	-95.53	18.06	35.80	-327.15	-723.89	-327.15	-723.89	0.28
1	56	380	14.07	-95.56	-93.38	11.89	15.30	-179.89	-781.18	-195.13	-765.94	94.51
1	56	381	31.27	-46.45	-41.49	26.31	18.99	-195.02	-1080.83	-232.92	-1042.93	179.25
1	56	382	52.25	11.54	21.64	42.15	17.59	-73.85	-1020.56	-97.81	-996.60	148.69
1	56	408	38.57	-110.68	-96.38	24.27	43.93	-284.67	-432.03	-285.35	-431.35	9.97
1	56	409	46.93	-120.60	-112.97	39.30	34.92	635.98	-421.79	-409.70	623.90	-112.42
1	56	410	38.72	-54.49	-52.48	36.71	13.54	-280.06	-379.80	-376.53	-283.33	17.76
1	56	411	48.39	-115.89	-98.37	30.87	50.71	22.96	-99.40	-1.44	-75.01	48.88
1	56	412	43.42	-128.65	-118.65	33.42	40.25	584.68	103.23	111.09	576.82	-61.02
1	56	413	39.44	-71.83	-70.20	37.80	13.39	2.01	-117.54	-74.20	-41.34	-57.47
1	56	414	36.86	-117.40	-101.10	20.56	47.42	1077.61	247.26	1000.76	324.11	-240.64
1	56	415	22.96	-138.22	-125.53	10.27	43.41	1623.05	737.17	1620.79	739.43	-44.67
1	56	416	21.95	-96.23	-92.05	17.77	21.84	1073.95	281.44	1018.30	337.09	202.51
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-172.18	-170.96	-45.73	-56.45		-1912.79	-584.33	-1867.80	-781.59
			95.98		90.62	81.40	50.71	5625.27		5625.06	1539.79	851.37

Macro	Tipo	Angolo 1-X (gradi)
8	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
8	2	1	105.39	7.67	83.04	30.02	-41.05	753.29	-1174.87	-1161.06	739.48	-162.59
8	2	2	82.98	-44.59	50.63	-12.25	55.50	619.46	-1001.60	-994.96	612.83	-103.52
8	2	3	60.02	-16.64	29.63	13.76	37.50	321.06	-746.40	-736.94	311.61	-100.00
8	2	4	57.07	-34.70	4.83	17.55	-45.44	394.35	-395.17	-305.98	305.16	249.92
8	2	42	88.87	-274.01	-273.81	88.67	8.45	1383.26	145.75	1164.75	364.26	471.87
8	2	51	48.59	-178.89	-178.84	48.53	-3.53	372.43	-153.23	364.13	-144.92	65.54
8	2	58	35.53	-158.60	-158.54	35.47	3.24	771.70	158.69	394.51	535.88	298.25
8	2	63	38.36	-167.78	-167.75	38.33	2.41	193.32	-133.87	152.60	-93.14	108.01
8	2	66	-12.18	-186.06	-185.97	-12.27	-3.89	382.19	-715.75	-510.99	177.43	-427.66
8	2	68	133.95	-263.67	-263.55	133.82	6.95	2143.66	1836.94	1839.28	2141.32	-26.69
8	2	70	59.04	-286.51	-286.51	59.03	0.75	3687.12	986.02	1037.86	3635.28	-370.62
8	2	76	28.31	-298.68	-298.30	27.92	-11.20	2034.17	476.59	964.22	1546.53	-722.31
8	2	96	70.92	-220.89	-220.86	70.89	3.01	4617.55	1279.50	1352.82	4544.24	489.23
8	2	104	69.67	-276.09	-276.08	69.66	1.63	4210.93	1228.14	1250.11	4188.97	-255.02
8	2	109	69.10	-264.92	-264.86	69.04	4.41	4447.19	1252.12	1252.44	4446.87	-32.26
8	2	114	70.18	-247.96	-247.87	70.09	5.28	4560.63	1314.82	1327.12	4548.33	199.42
8	2	133	76.02	-168.91	-168.90	76.01	-1.83	4585.70	938.43	1167.55	4356.58	884.97
8	2	138	82.53	-88.18	-87.44	81.79	-11.19	4212.76	143.35	539.07	3817.04	1205.72
8	2	143	58.25	3.72	7.49	54.48	-13.84	2667.11	-1030.55	-600.95	2237.51	1184.88
8	2	171	-108.29	-289.70	-287.19	-110.79	-21.18	-993.76	-1.046e+04	-1.039e+04	-1066.49	-826.65
8	2	176	-121.67	-340.54	-330.69	-131.52	-45.37	-2845.28	-1.413e+04	-1.413e+04	-2850.94	-252.68
8	2	181	-96.50	-282.00	-269.65	-108.85	-46.23	-1881.40	-9459.25	-9405.72	-1934.92	634.61
8	2	207	29.21	-222.56	-218.40	25.04	32.12	1332.66	-397.91	-334.04	1268.79	-326.26
8	2	250	65.05	-89.75	-87.17	62.47	19.85	1866.87	80.16	208.76	1738.27	-461.77
8	2	253	20.38	-70.01	-67.76	18.14	14.07	571.74	-489.27	-5.64	88.10	-528.43
8	2	258	14.97	-121.57	-121.45	14.85	4.03	-110.93	-319.71	-111.08	-319.56	-5.67
8	2	275	62.08	-7.77	21.59	32.71	-34.48	1129.62	-1251.11	-764.97	643.48	959.70
8	2	286	-91.99	-273.71	-271.13	-94.56	21.49	-1645.61	-9054.44	-8931.86	-1768.19	-945.08
8	2	288	-114.90	-333.62	-329.57	-118.96	29.50	-2665.45	-1.322e+04	-1.321e+04	-2673.85	297.60
8	2	290	-64.51	-275.65	-274.22	-65.94	17.28	-1174.99	-9520.19	-9324.41	-1370.78	1263.16
8	2	309	59.68	-192.95	-192.92	59.64	-3.01	489.71	-109.01	486.12	-105.42	46.20
8	2	313	73.53	-215.93	-215.88	73.47	-3.97	740.53	33.38	738.60	35.31	36.87
8	2	323	17.72	-84.34	-82.37	15.75	-14.06	609.44	-464.32	85.13	59.99	536.73
8	2	333	14.18	-118.79	-118.66	14.05	-4.07	14.08	-309.64	-32.47	-263.10	113.58
8	2	353	13.44	-106.58	-106.35	13.21	5.19	75.17	-321.50	-26.83	-219.50	-173.37
8	2	359	15.51	-93.23	-92.37	14.65	9.62	287.73	-380.13	6.97	-99.38	-329.67
8	2	360	10.88	-110.88	-110.87	10.86	1.37	-61.38	-302.70	-71.98	-292.10	-49.44
8	2	387	31.49	-34.13	-27.51	24.87	19.77	877.89	-704.98	-183.23	356.15	-744.07
8	2	392	51.22	5.73	23.69	33.25	22.23	1045.26	-1075.15	-650.21	620.33	-848.80
8	2	397	61.53	17.30	61.25	17.58	-3.49	698.83	-1324.59	-1124.83	499.07	-603.56
8	2	417	60.82	-219.77	-217.59	58.63	24.67	556.35	-1795.74	-1066.67	-172.73	-1087.80
8	2	418	66.27	-312.28	-310.67	64.66	-24.65	136.42	-1033.91	-810.29	-87.19	-460.11
8	2	419	91.46	-278.29	-268.61	81.78	-59.04	2627.04	78.99	235.05	2470.98	610.98
8	2	420	52.31	-149.47	-149.38	52.22	4.19	2194.45	722.25	723.67	2193.03	-45.83
8	2	421	59.82	-156.51	-155.85	59.16	11.93	2072.88	824.76	845.01	2052.63	-157.69
8	2	422	65.73	-168.66	-165.78	62.85	25.82	1849.34	857.41	971.27	1735.48	-316.19
8	2	423	70.45	-173.57	-168.41	65.29	35.11	1847.64	475.77	970.45	1352.96	-658.73
8	2	424	16.40	-247.03	-247.03	16.39	-1.07	-928.46	-4206.18	-4175.95	-958.69	-313.33
8	2	425	-1.01	-331.26	-326.61	-5.66	-38.91	-1109.59	-5871.16	-5765.85	-1214.90	-700.26
8	2	426	40.90	-297.03	-287.13	31.00	-56.99	873.12	-3290.75	-3275.55	857.91	-251.16
8	2	427	75.80	-239.51	-237.00	73.29	-28.04	4602.91	2056.52	2059.10	4600.33	80.99
8	2	428	33.11	-220.26	-220.21	33.06	3.62	3887.04	1778.35	1804.54	3860.85	233.53
8	2	429	39.26	-226.04	-225.92	39.13	-5.71	4872.98	1391.47	1392.44	4872.01	58.02
8	2	430	46.60	-229.17	-228.97	46.40	-7.40	5110.23	1574.80	1574.87	5110.15	16.05
8	2	431	70.87	-193.29	-188.64	66.22	34.75	1464.35	-381.17	421.26	661.92	-914.88
8	2	432	54.14	-231.87	-231.59	53.87	-8.89	5163.19	1606.46	1606.48	5163.17	7.64
8	2	433	91.89	-291.85	-291.44	91.47	-12.67	1476.64	587.55	1421.75	642.44	-213.98
8	2	434	91.47	-257.54	-252.25	86.18	-42.64	3748.10	1638.08	1754.83	3631.35	482.41
8	2	435	51.60	-147.09	-146.89	51.41	-6.20	2263.14	772.85	780.14	2255.84	104.00
8	2	436	65.99	-235.61	-234.96	65.35	-13.98	5113.57	1818.19	1818.64	5113.12	38.66
8	2	437	90.23	-263.54	-252.54	79.23	61.40	1936.83	161.67	803.77	1294.73	-852.96
8	2	438	69.30	-298.02	-296.62	67.91	22.57	158.99	-503.91	-497.96	153.03	62.55

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
8	2	439	79.15	-223.11	-217.89	73.93	-39.36	1021.92	-1502.61	-680.74	200.05	1182.95
8	2	440	77.38	-176.60	-171.38	72.16	-36.03	2095.00	679.90	1224.29	1550.61	688.48
8	2	441	44.84	-142.46	-142.38	44.77	3.66	2221.68	530.88	532.14	2220.42	46.11
8	2	442	4.38	-4.82	7.45e-02	-0.51	-4.59	-1.54	-617.59	-602.11	-17.02	96.44
8	2	443	-0.20	-9.82	-9.62	-0.40	1.37	33.47	-125.87	-57.69	-34.72	-78.83
8	2	444	2.52	-58.89	-58.89	2.51	0.47	31.31	-21.72	2.82	6.77	-26.44
8	2	445	4.54	-109.93	-109.59	4.19	-6.26	3.91	-59.58	-58.32	2.66	8.85
8	2	446	90.48	3.09	90.18	3.39	-5.08	6.17	-904.18	-898.95	0.95	68.77
8	2	447	3.68	-79.23	-79.23	3.67	-0.44	102.58	-7.36	93.94	1.27	29.58
8	2	448	3.06	-115.45	-115.40	3.02	2.31	24.77	1.63	21.64	4.76	-7.92
8	2	449	2.26	-107.16	-107.16	2.26	0.50	31.24	2.41	28.64	5.00	-8.25
8	2	450	2.44	-90.09	-90.09	2.44	-8.34e-02	56.19	1.09	50.48	6.80	-16.79
8	2	451	1.46	-118.43	-118.35	1.39	3.04	15.83	-6.03	5.35	4.46	-10.92
8	2	452	2.54	-3.79	-3.74	2.50	0.54	10.20	-234.89	-228.07	3.38	-40.30
8	2	453	71.61	2.14	71.57	2.19	1.72	0.49	-743.19	-739.76	-2.94	-50.35
8	2	454	123.03	5.16	123.00	5.20	1.96	-1.42	-1203.51	-1200.52	-4.41	-59.90
8	3	1	142.32	-17.98	94.00	30.35	-73.56	954.78	-1106.29	-949.79	798.28	545.96
8	3	2	136.75	-60.58	64.80	11.37	94.98	893.00	-710.59	-509.05	691.46	-531.57
8	3	3	70.44	-29.91	28.15	12.38	49.55	498.64	-1151.28	-1035.18	382.54	-421.99
8	3	4	55.95	-44.26	-4.62	16.31	-49.00	573.96	-665.11	-469.55	378.40	451.74
8	3	42	59.10	-318.29	-318.21	59.02	-5.39	791.61	-2.03	791.50	-1.93	9.03
8	3	51	8.38	-224.07	-223.98	8.29	-4.53	451.80	-54.88	448.91	-51.99	38.18
8	3	58	1.89	-216.74	-216.73	1.88	-1.62	452.16	-34.82	421.39	-4.05	118.47
8	3	63	-0.86	-215.22	-215.12	-0.96	-4.51	244.21	-78.62	235.29	-69.70	52.91
8	3	66	-21.95	-234.04	-234.03	-21.95	-0.55	318.55	-373.64	123.05	-178.14	-311.61
8	3	68	58.27	-297.48	-297.41	58.20	4.91	1009.29	250.27	1009.24	250.32	-5.92
8	3	70	-2.80	-272.92	-272.88	-2.84	3.16	83.61	-334.34	21.71	-272.44	-148.46
8	3	76	-9.83	-278.86	-278.84	-9.84	2.08	201.35	-747.02	102.76	-648.43	-289.45
8	3	96	11.72	-202.97	-202.92	11.67	-3.36	1211.70	194.68	331.72	1074.67	347.26
8	3	104	-1.58	-264.17	-264.14	-1.62	3.21	165.53	-67.20	137.64	-39.31	-75.59
8	3	109	0.58	-253.31	-253.30	0.58	1.33	269.66	149.34	185.59	233.41	55.20
8	3	114	4.68	-234.96	-234.96	4.68	-0.50	690.45	186.65	280.24	596.87	195.93
8	3	133	27.61	-142.98	-142.61	27.25	-7.90	1811.91	22.83	166.74	1667.99	486.59
8	3	138	52.84	-52.42	-49.83	50.25	-16.31	2224.56	-516.73	-429.18	2137.01	482.02
8	3	143	63.93	35.97	51.61	48.29	-13.88	1669.43	-1200.02	-1190.81	1660.22	162.31
8	3	171	-121.39	-330.12	-329.69	-121.81	9.38	-1976.20	-1.131e+04	-1.116e+04	-2125.10	-1169.41
8	3	176	-165.78	-401.12	-401.06	-165.83	-3.49	-3568.53	-1.621e+04	-1.621e+04	-3568.53	-8.00
8	3	181	-124.84	-332.89	-332.11	-125.62	-12.68	-2026.94	-1.126e+04	-1.111e+04	-2176.95	1167.57
8	3	207	7.16	-248.26	-240.90	-0.20	42.74	966.08	-74.81	357.87	533.40	-512.99
8	3	250	57.14	-50.78	-43.42	49.79	27.19	1514.75	-779.85	-754.18	1489.09	-241.30
8	3	253	7.38	-169.95	-169.48	6.92	9.07	682.09	-71.29	160.23	450.57	-347.59
8	3	258	-0.68	-228.60	-228.59	-0.69	-1.73	102.43	-43.14	102.35	-43.05	-3.49
8	3	275	44.38	-47.55	-27.91	24.73	-37.68	1233.90	-941.13	-790.66	1083.43	551.94
8	3	286	-110.29	-333.85	-333.81	-110.33	3.00	-1734.00	-1.102e+04	-1.067e+04	-2090.42	-1784.21
8	3	288	-150.78	-403.81	-403.71	-150.88	5.04	-3382.67	-1.546e+04	-1.546e+04	-3382.69	-15.42
8	3	290	-89.80	-328.96	-328.96	-89.81	0.73	-1780.73	-1.087e+04	-1.050e+04	-2155.74	1808.16
8	3	309	20.86	-237.27	-237.18	20.78	-4.69	625.06	16.01	623.86	17.21	27.02
8	3	313	38.22	-260.40	-260.32	38.14	-4.93	884.26	88.91	883.83	89.34	18.41
8	3	323	6.24	-170.29	-169.67	5.62	-10.46	694.63	-25.17	245.77	423.69	348.73
8	3	333	0.46	-220.49	-220.47	0.44	-2.04	191.92	5.22	169.94	27.20	60.18
8	3	353	0.70	-217.15	-217.14	0.70	0.52	240.17	8.65	170.22	78.59	-106.31
8	3	359	3.03	-200.02	-199.96	2.97	3.59	429.00	-7.94	195.35	225.71	-217.94
8	3	360	-0.13	-225.21	-225.21	-0.13	-0.96	145.07	-23.88	144.52	-23.34	-9.56
8	3	387	17.45	-118.14	-115.82	15.13	17.60	980.19	-284.92	-71.87	767.13	-473.44
8	3	392	35.06	-49.55	-41.19	26.71	25.24	1169.02	-769.79	-650.26	1049.48	-466.34
8	3	397	33.40	11.63	33.05	11.97	2.71	830.63	-1229.49	-1224.22	825.37	-103.97
8	3	417	59.66	-290.53	-283.20	52.32	50.16	37.50	-1831.11	-1657.50	-136.11	-542.47
8	3	418	50.27	-369.28	-369.21	50.20	-5.47	-1196.27	-2438.12	-2438.01	-1196.38	-11.50
8	3	419	65.92	-300.62	-290.33	55.63	-60.56	215.87	-1782.20	-1596.87	30.55	579.60
8	3	420	6.31	-221.43	-221.43	6.30	-0.61	1952.63	772.52	774.08	1951.06	-42.97
8	3	421	14.73	-226.39	-226.22	14.56	6.46	1849.01	836.21	856.20	1829.02	-140.87
8	3	422	26.93	-234.66	-233.36	25.63	18.39	1718.62	811.53	922.46	1607.69	-297.19
8	3	423	40.63	-241.30	-237.41	36.73	32.89	1583.79	496.68	822.12	1258.34	-497.88
8	3	424	17.06	-315.37	-310.74	12.42	38.99	-892.53	-5256.57	-5133.17	-1015.93	723.39
8	3	425	-20.77	-393.78	-393.70	-20.84	-5.17	-2131.26	-7747.44	-7747.40	-2131.31	-15.76
8	3	426	22.38	-326.13	-320.49	16.73	-43.98	-790.79	-5176.73	-5064.67	-902.86	-692.07
8	3	427	39.95	-255.34	-249.72	34.33	-40.35	1805.14	570.20	892.74	1482.61	542.48
8	3	428	-0.53	-245.67	-245.53	-0.68	6.01	1656.34	855.51	882.96	1628.89	-145.71
8	3	429	0.61	-242.55	-242.52	0.58	-2.71	2011.97	661.54	662.44	2011.07	-34.69
8	3	430	6.04	-243.82	-243.67	5.89	-6.07	2096.80	824.97	826.28	2095.50	40.67
8	3	431	57.47	-263.61	-257.52	51.38	43.78	1110.08	-355.42	105.62	649.04	-680.51
8	3	432	14.50	-246.50	-245.86	13.86	-12.89	2052.44	885.64	907.89	2030.19	159.58
8	3	433	69.96	-341.74	-341.67	69.89	-5.57	143.81	-324.67	143.79	-324.65	-2.89

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
8	3	434	58.80	-274.37	-265.61	50.05	-53.29	1313.05	-284.28	177.75	851.02	724.26
8	3	435	9.65	-218.54	-218.09	9.20	-10.13	1971.86	788.28	801.91	1958.23	126.26
8	3	436	26.29	-251.92	-249.68	24.05	-24.91	1948.54	868.63	983.19	1833.98	332.55
8	3	437	73.65	-305.47	-291.92	60.10	70.39	59.36	-1354.24	-1038.29	-256.60	-588.91
8	3	438	55.01	-364.24	-364.02	54.78	9.71	-1047.09	-1740.63	-1723.07	-1064.65	-108.96
8	3	439	73.56	-290.04	-280.34	63.86	-58.58	300.13	-1370.69	-1125.15	54.59	591.57
8	3	440	44.13	-238.75	-233.10	38.49	-39.56	1798.33	691.84	1026.88	1463.29	508.40
8	3	441	1.34	-218.09	-218.01	1.26	-4.23	1949.18	601.90	602.31	1948.77	23.54
8	3	442	52.92	-2.23	52.71	-2.02	3.36	23.85	-842.09	-830.42	12.18	99.85
8	3	443	27.11	-2.85	25.57	-1.31	-6.62	122.43	-107.39	9.05	5.99	-114.90
8	3	444	-0.21	-168.27	-168.27	-0.21	0.31	81.67	1.41	79.60	3.47	-12.71
8	3	445	-7.34e-02	-230.81	-230.81	-7.34e-02	0.10	110.11	6.41	110.03	6.49	-2.92
8	3	446	28.45	0.75	28.40	0.80	-1.17	-7.28	-1031.26	-1030.43	-8.11	29.09
8	3	447	0.59	-174.38	-174.38	0.59	-0.18	167.40	-3.03	166.86	-2.49	9.58
8	3	448	-0.24	-225.02	-225.02	-0.24	-0.33	166.59	4.31	165.94	4.95	-10.20
8	3	449	-0.12	-221.07	-221.07	-0.12	-2.46e-02	160.95	2.85	160.93	2.87	-1.77
8	3	450	-0.16	-202.84	-202.84	-0.16	0.13	158.83	3.93	158.47	4.28	-7.41
8	3	451	-0.10	-229.76	-229.76	-0.10	-0.13	148.26	0.60	148.21	0.65	-2.71
8	3	452	-0.35	-101.25	-101.24	-0.36	0.92	0.29	-221.36	-219.80	-1.28	-18.56
8	3	453	1.29	-2.76	-0.55	-0.92	2.02	-7.20	-852.27	-851.88	-7.59	-18.20
8	3	454	80.41	2.38	80.41	2.38	0.11	-6.78	-1336.42	-1336.25	-6.95	-14.81
8	20	1	62.84	5.54	53.91	14.47	-20.79	747.81	-749.51	-699.79	698.09	-268.27
8	20	2	69.79	-29.82	41.58	-1.61	44.88	503.11	-898.40	-861.41	466.12	-224.67
8	20	3	47.61	-15.78	25.20	6.64	30.30	253.93	-464.84	-460.35	249.44	56.65
8	20	4	52.91	-26.32	9.72	16.87	-39.45	311.42	-490.54	-368.48	189.37	288.07
8	20	42	70.73	-199.24	-199.20	70.68	3.61	1146.57	197.33	1006.08	337.83	337.08
8	20	51	37.29	-135.83	-135.82	37.28	-1.25	377.77	55.75	372.15	61.37	42.17
8	20	58	28.70	-127.37	-126.85	28.18	8.98	791.49	133.73	326.36	598.86	299.33
8	20	63	29.85	-129.59	-129.37	29.64	5.83	245.19	38.58	181.54	102.24	95.39
8	20	66	-11.29	-161.45	-160.88	-11.86	9.23	377.24	-419.52	-315.78	273.50	-268.12
8	20	68	105.34	-212.43	-212.02	104.93	11.39	1917.69	1572.51	1573.90	1916.30	21.87
8	20	70	44.58	-247.57	-247.13	44.14	11.29	3014.51	895.57	918.83	2991.25	-220.81
8	20	76	22.04	-251.24	-251.13	21.93	5.29	1731.43	534.56	838.99	1427.00	-521.23
8	20	96	56.76	-179.60	-179.10	56.26	10.78	3563.45	906.92	1007.39	3462.99	506.75
8	20	104	52.22	-241.09	-240.72	51.85	10.41	3380.15	1061.34	1067.28	3374.21	-117.25
8	20	109	52.17	-226.03	-225.45	51.59	12.65	3508.86	1039.79	1042.39	3506.26	80.08
8	20	114	55.09	-204.90	-204.23	54.43	13.15	3539.61	1006.77	1039.85	3506.53	287.56
8	20	133	61.68	-135.03	-134.86	61.51	5.82	3585.36	603.09	817.11	3371.35	769.70
8	20	138	67.44	-68.77	-68.70	67.37	-3.02	3266.12	-1.82	291.71	2972.59	934.39
8	20	143	49.72	5.85	7.07	48.50	-7.21	1995.17	-837.72	-579.71	1737.16	815.08
8	20	171	-71.41	-227.32	-225.04	-73.68	-18.69	-848.75	-8458.98	-8371.67	-936.07	-810.46
8	20	176	-75.33	-268.15	-258.56	-84.93	-41.94	-2428.12	-1.142e+04	-1.142e+04	-2436.28	-270.79
8	20	181	-60.88	-222.49	-209.75	-73.62	-43.54	-1627.84	-7697.94	-7642.01	-1683.78	580.00
8	20	207	25.48	-183.47	-177.80	19.81	33.93	1169.12	-183.10	-161.32	1147.34	-170.22
8	20	250	50.07	-84.56	-79.67	45.19	25.18	1553.02	208.20	306.76	1454.46	-350.47
8	20	253	15.84	-30.14	-29.71	15.41	4.41	416.45	-609.77	-112.17	-81.16	-512.88
8	20	258	12.19	-73.05	-72.93	12.08	-3.13	-120.86	-337.91	-132.81	-325.96	-49.51
8	20	275	50.00	-4.76	22.29	22.95	-27.38	916.09	-947.17	-507.68	476.60	791.03
8	20	286	-81.95	-208.73	-205.19	-85.49	20.89	-1203.01	-6605.90	-6552.96	-1255.95	-532.19
8	20	288	-102.99	-259.80	-253.07	-109.72	31.77	-1810.09	-9646.07	-9635.81	-1820.36	283.41
8	20	290	-59.25	-216.85	-213.31	-62.78	23.33	-717.21	-6833.19	-6707.92	-842.47	866.27
8	20	309	46.38	-145.06	-145.03	46.35	-2.37	554.49	98.41	553.46	99.44	21.65
8	20	313	58.16	-160.36	-160.28	58.07	-4.30	861.17	204.32	861.15	204.34	3.78
8	20	323	15.78	-55.05	-51.85	12.58	-14.70	487.02	-322.93	103.79	60.30	404.39
8	20	333	12.20	-76.41	-75.60	11.39	-8.46	-30.50	-233.77	-43.50	-220.76	49.75
8	20	353	10.58	-57.80	-57.72	10.50	-2.28	58.00	-427.76	-72.94	-296.82	-215.55
8	20	359	12.30	-47.44	-47.43	12.29	0.92	219.70	-517.82	-67.67	-230.44	-359.67
8	20	360	9.09	-61.78	-61.38	8.69	-5.31	-67.12	-361.68	-102.56	-326.24	-95.83
8	20	387	24.79	-4.63	-1.07	21.24	9.59	626.62	-752.22	-298.64	173.05	-647.83
8	20	392	43.98	18.70	34.30	28.39	12.29	728.16	-1014.19	-703.87	417.84	-666.62
8	20	397	58.03	15.77	56.78	17.02	-7.15	448.92	-1152.42	-1042.91	339.41	-404.18
8	20	417	50.66	-163.75	-163.25	50.16	10.29	97.12	-1947.77	-1388.45	-462.19	-911.54
8	20	418	58.02	-237.12	-235.21	56.10	-23.67	-276.96	-1537.11	-1369.48	-444.59	-427.95
8	20	419	74.77	-215.75	-208.91	67.92	-44.06	1877.00	-336.79	-236.14	1776.35	461.18
8	20	420	40.24	-104.51	-104.48	40.21	-2.28	1618.87	583.54	587.50	1614.91	-63.88
8	20	421	46.05	-108.92	-108.88	46.01	2.65	1521.63	680.75	718.46	1483.92	-174.04
8	20	422	50.74	-117.46	-116.52	49.80	12.50	1407.87	583.11	790.75	1200.23	-357.97
8	20	423	53.92	-121.96	-119.96	51.92	18.64	1440.73	12.44	635.05	818.13	-708.25
8	20	424	19.71	-190.58	-190.19	19.32	-9.05	-990.05	-3756.38	-3742.09	-1004.33	-198.29
8	20	425	10.26	-258.11	-253.25	5.40	-35.80	-1164.92	-5221.17	-5124.05	-1262.04	-620.07
8	20	426	38.97	-231.50	-223.98	31.45	-44.46	555.26	-2986.89	-2957.82	526.18	-319.61
8	20	427	59.68	-186.97	-185.53	58.23	-18.82	3582.27	1547.79	1566.86	3563.21	196.02
8	20	428	27.26	-181.04	-180.27	26.49	12.64	3209.30	1425.94	1455.52	3179.72	227.77

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
8	20	429	29.91	-183.24	-183.22	29.88	2.29	3962.17	1196.88	1198.13	3960.92	58.78
8	20	430	35.68	-183.15	-183.15	35.67	-0.86	4121.08	1335.15	1335.40	4120.83	26.38
8	20	431	55.46	-139.19	-137.53	53.80	17.90	1001.74	-821.62	-34.76	214.89	-903.09
8	20	432	42.03	-183.69	-183.66	42.00	-2.46	4133.54	1392.68	1392.80	4133.41	18.80
8	20	433	75.38	-213.98	-213.30	74.69	-14.08	774.42	182.97	687.48	269.91	-209.44
8	20	434	72.92	-199.96	-196.40	69.37	-30.94	2876.99	978.48	1116.52	2738.95	492.96
8	20	435	40.75	-108.02	-107.66	40.40	-7.24	1784.97	589.08	594.39	1779.66	79.53
8	20	436	51.53	-184.91	-184.70	51.32	-7.07	4053.78	1517.61	1521.03	4050.36	93.02
8	20	437	69.75	-210.84	-199.26	58.17	55.83	1769.59	430.71	949.63	1250.67	-652.30
8	20	438	50.20	-235.06	-232.99	48.13	24.23	497.24	28.91	38.02	488.12	64.70
8	20	439	56.54	-168.14	-164.36	52.76	-28.89	1058.03	-981.19	-236.78	313.62	981.77
8	20	440	61.94	-133.10	-128.57	57.41	-29.39	1767.86	684.03	1085.51	1366.38	523.40
8	20	441	34.65	-100.99	-100.98	34.64	-1.13	1652.45	390.02	390.40	1652.08	21.71
8	20	442	3.49	1.86	3.35	1.99	-0.45	48.72	-412.41	-364.09	0.39	141.24
8	20	443	0.15	-1.69	-0.86	-0.67	0.92	-25.95	-155.88	-153.51	-28.32	-17.38
8	20	444	2.43	-20.15	-20.05	2.33	1.48	57.33	-117.94	-82.65	22.04	-70.28
8	20	445	4.05	-61.72	-61.45	3.78	-4.17	11.75	-75.46	-72.33	8.62	-16.24
8	20	446	75.91	2.71	75.86	2.76	-1.92	-4.82	-620.22	-610.43	-14.61	77.00
8	20	447	3.47	-48.45	-48.42	3.44	1.15	118.75	-10.93	113.60	-5.78	25.33
8	20	448	2.75	-71.94	-71.80	2.61	3.19	30.66	-14.94	5.62	10.11	-22.69
8	20	449	2.24	-55.79	-55.76	2.22	1.27	53.17	-41.61	3.82	7.73	-47.35
8	20	450	2.36	-42.89	-42.87	2.34	0.92	66.28	-58.93	-3.86	11.22	-62.15
8	20	451	1.74	-64.37	-64.23	1.60	3.04	36.96	-44.09	-15.78	8.65	-38.64
8	20	452	20.20	2.17	20.05	2.33	1.67	30.78	-331.60	-319.18	18.36	-65.94
8	20	453	73.92	1.27	73.83	1.36	2.53	33.29	-763.27	-761.01	31.03	-42.35
8	20	454	105.75	4.31	105.71	4.35	1.99	17.45	-1083.29	-1082.66	16.82	-26.36
8	22	1	63.95	9.30	51.33	21.92	-23.03	754.76	-830.89	-795.91	719.78	-232.92
8	22	2	32.54	-24.09	23.18	-14.73	21.03	767.57	-666.51	-662.92	763.97	71.75
8	22	3	63.99	-14.57	37.92	11.50	36.99	204.66	-654.69	-653.91	203.89	25.78
8	22	4	61.35	-33.52	15.44	12.40	-47.41	192.25	-249.07	-240.89	184.07	59.53
8	22	42	70.64	-213.02	-212.77	70.39	-8.38	1271.82	562.64	1125.17	709.29	287.22
8	22	51	39.39	-139.22	-139.02	39.19	-5.89	394.71	317.90	383.00	329.61	27.61
8	22	58	31.48	-126.52	-125.18	30.14	14.48	1170.03	376.73	553.65	993.12	330.23
8	22	63	31.98	-130.43	-130.25	31.79	5.44	438.08	159.54	210.97	386.65	108.07
8	22	66	-13.65	-184.64	-184.61	-13.67	2.16	542.90	-501.53	-319.81	361.18	-395.94
8	22	68	114.84	-207.01	-205.78	113.61	19.85	2296.02	1766.62	1776.30	2286.35	70.90
8	22	70	44.74	-298.78	-298.75	44.70	-3.37	3719.96	1092.25	1126.85	3685.37	-299.50
8	22	76	20.75	-289.63	-289.54	20.66	-5.35	2111.05	636.99	951.97	1796.07	-604.22
8	22	96	54.23	-245.27	-244.78	53.73	-12.20	4446.18	1348.44	1393.04	4401.58	369.02
8	22	104	50.93	-297.17	-297.13	50.89	-3.77	4167.36	1258.70	1275.01	4151.04	-217.22
8	22	109	50.68	-285.12	-285.11	50.67	-1.91	4372.13	1286.99	1289.17	4369.95	-82.03
8	22	114	53.29	-270.07	-269.96	53.17	-6.17	4457.47	1360.49	1364.76	4453.19	115.01
8	22	133	61.54	-195.24	-194.32	60.61	-15.38	4337.15	1091.67	1261.32	4167.50	722.37
8	22	138	64.80	-120.44	-117.34	61.70	-23.75	3963.37	422.47	766.86	3618.98	1049.22
8	22	143	52.73	-34.27	-22.60	41.05	-29.66	2590.06	-654.40	-243.61	2179.27	1078.91
8	22	171	-76.18	-241.96	-228.25	-89.89	-45.66	-482.23	-8070.41	-8004.80	-547.84	-702.55
8	22	176	-76.86	-284.38	-254.76	-106.48	-72.59	-2042.69	-1.089e+04	-1.086e+04	-2068.96	-481.34
8	22	181	-63.27	-232.17	-202.42	-93.02	-64.34	-1578.89	-7231.60	-7224.30	-1586.18	202.91
8	22	207	25.70	-193.77	-188.46	20.39	33.73	1549.45	-90.27	-47.58	1506.75	-261.13
8	22	250	54.50	-93.64	-90.91	51.77	19.92	1811.11	135.87	276.94	1670.04	-465.21
8	22	253	23.05	2.50	9.41	16.13	9.71	341.10	-655.90	-148.47	-166.32	-498.42
8	22	258	14.68	-25.79	-24.59	13.47	6.88	-225.85	-481.61	-229.68	-477.79	-31.05
8	22	275	56.73	14.14	44.28	26.58	-19.37	841.13	-1210.39	-725.83	356.57	871.37
8	22	286	-65.88	-212.82	-204.33	-74.37	34.29	-1440.40	-7123.32	-7081.68	-1482.04	-484.68
8	22	288	-82.07	-266.39	-255.44	-93.02	43.55	-2054.88	-1.053e+04	-1.050e+04	-2082.47	482.75
8	22	290	-47.66	-223.50	-219.04	-52.12	27.65	-761.15	-7265.23	-7107.61	-918.77	1000.16
8	22	309	48.36	-151.13	-150.54	47.77	-10.83	484.17	346.71	483.86	347.02	-6.55
8	22	313	59.13	-170.09	-169.16	58.20	-14.58	725.33	447.75	723.92	449.16	-19.71
8	22	323	16.30	-15.72	-15.29	15.87	-3.69	368.86	-698.86	-93.63	-236.37	529.07
8	22	333	13.25	-31.23	-30.95	12.98	3.46	-112.33	-484.98	-151.72	-445.59	114.57
8	22	353	14.09	-12.61	-11.12	12.60	6.13	-69.38	-516.23	-172.15	-413.46	-188.04
8	22	359	16.97	-7.23	-3.84	13.58	8.40	107.44	-569.36	-139.96	-321.96	-325.93
8	22	360	11.35	-13.63	-13.11	10.82	3.59	-188.38	-487.74	-211.28	-464.85	-79.56
8	22	387	38.97	13.68	31.73	20.92	11.44	592.84	-817.83	-286.45	61.47	-683.55
8	22	392	61.51	23.63	58.50	26.63	10.23	738.04	-1084.75	-642.78	296.07	-781.21
8	22	397	72.06	9.17	69.12	12.11	-13.28	495.40	-1176.23	-940.73	259.90	-581.56
8	22	417	43.90	-154.18	-154.18	43.90	0.34	508.13	-1802.06	-920.58	-373.34	-1122.22
8	22	418	55.85	-248.81	-241.43	48.48	-46.83	661.59	-733.02	-324.64	253.22	-634.63
8	22	419	78.26	-239.88	-224.89	63.28	-67.40	2684.84	600.61	679.89	2605.56	398.70
8	22	420	42.47	-85.33	-84.99	42.13	6.56	1509.08	446.95	453.36	1502.66	-82.29
8	22	421	47.74	-91.54	-90.96	47.17	8.92	1431.88	536.63	581.12	1387.39	-194.56
8	22	422	51.85	-102.28	-100.50	50.08	16.45	1326.41	493.26	689.85	1129.81	-353.76
8	22	423	53.20	-108.32	-105.81	50.69	19.98	1422.91	82.19	682.79	822.31	-666.72

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
8	22	424	11.74	-185.87	-182.32	8.19	-26.26	-781.21	-3388.25	-3265.28	-904.18	-552.69
8	22	425	8.97	-268.19	-252.19	-7.04	-64.66	-535.33	-4532.26	-4335.99	-731.61	-863.70
8	22	426	40.94	-249.96	-231.58	22.55	-70.79	1134.21	-2313.27	-2295.01	1115.94	-250.28
8	22	427	63.35	-218.84	-213.92	58.42	-36.96	4382.27	1968.00	1968.33	4381.95	-28.11
8	22	428	27.16	-199.18	-198.84	26.81	8.84	3711.13	1599.06	1642.52	3667.67	299.84
8	22	429	32.42	-208.59	-208.41	32.24	-6.63	4550.97	1344.97	1347.72	4548.22	93.83
8	22	430	37.38	-213.25	-212.71	36.84	-11.61	4728.06	1435.35	1435.49	4727.92	21.59
8	22	431	51.80	-127.17	-126.01	50.65	14.33	1163.48	-671.75	245.47	246.26	-917.62
8	22	432	43.48	-215.42	-214.52	42.58	-15.22	4777.15	1487.20	1487.41	4776.94	-26.15
8	22	433	73.25	-229.22	-226.13	70.16	-30.40	1573.31	719.59	1415.43	877.47	-331.45
8	22	434	76.60	-229.00	-220.36	67.96	-50.67	3662.95	1776.66	1821.84	3617.77	288.41
8	22	435	42.81	-88.11	-87.45	42.16	9.27	1660.86	627.43	638.00	1650.29	103.95
8	22	436	53.17	-217.40	-215.53	51.30	-22.39	4745.53	1702.23	1702.72	4745.05	-38.41
8	22	437	76.79	-216.93	-205.39	65.25	57.06	1893.96	297.61	772.45	1419.13	-729.75
8	22	438	59.33	-234.65	-230.69	55.37	33.89	416.58	-499.71	-441.04	357.91	224.30
8	22	439	59.70	-160.29	-159.31	58.72	-14.62	928.06	-1631.98	-688.15	-15.77	1235.08
8	22	440	67.30	-114.20	-113.32	66.42	-12.61	1760.90	276.26	952.13	1085.03	739.34
8	22	441	36.54	-80.82	-79.80	35.52	10.91	1542.01	321.32	321.45	1541.88	12.49
8	22	442	18.34	3.08	18.24	3.18	-1.19	65.75	-563.92	-535.99	37.83	129.63
8	22	443	10.97	1.17	7.85	4.29	-4.57	131.77	-169.69	-68.28	30.36	-142.43
8	22	444	23.31	3.26	23.23	3.35	-1.28	52.25	-122.15	-89.87	19.97	-67.73
8	22	445	7.20	-10.35	-8.15	4.99	-5.82	21.40	-135.03	-134.90	21.28	-4.36
8	22	446	100.76	3.35	100.68	3.44	-2.85	34.62	-815.88	-801.01	19.75	111.48
8	22	447	3.58	-8.17	-8.17	3.58	-0.13	76.26	-79.85	-26.04	22.45	74.19
8	22	448	4.08	-23.62	-23.48	3.94	1.97	14.68	-55.75	-54.48	13.41	9.36
8	22	449	3.18	-4.80	-4.78	3.16	-0.40	29.94	-86.90	-76.22	19.26	-33.67
8	22	450	5.72	2.66	5.05	3.33	-1.26	44.93	-79.99	-55.36	20.30	-49.70
8	22	451	2.76	-10.55	-10.44	2.65	1.20	28.13	-106.67	-99.98	21.44	-29.27
8	22	452	57.01	3.31	56.95	3.38	-1.87	40.28	-295.53	-272.71	17.46	-84.52
8	22	453	102.03	2.81	101.99	2.85	-2.05	30.68	-686.47	-671.67	15.88	-101.95
8	22	454	121.45	4.54	121.35	4.64	-3.36	14.94	-1001.78	-993.84	7.00	-89.49
8	52	1	61.21	5.43	52.98	13.66	-19.78	764.71	-736.44	-681.79	710.06	-281.16
8	52	2	70.35	-29.41	41.82	-0.88	45.08	506.33	-911.56	-870.60	465.37	-237.47
8	52	3	47.76	-16.06	25.43	6.27	30.44	257.03	-457.30	-450.56	250.29	69.06
8	52	4	53.75	-26.29	10.27	17.19	-39.87	312.04	-507.96	-381.07	185.15	296.56
8	52	42	70.96	-198.18	-198.14	70.92	3.32	1155.84	205.22	1017.80	343.26	334.92
8	52	51	37.24	-135.66	-135.65	37.24	-1.12	385.70	69.46	380.17	74.99	41.48
8	52	58	28.84	-127.89	-127.30	28.25	9.58	809.19	134.01	328.22	614.97	305.63
8	52	63	29.85	-129.64	-129.39	29.61	6.19	254.41	48.87	186.99	116.30	96.50
8	52	66	-11.35	-163.23	-162.52	-12.06	10.37	385.47	-408.37	-309.02	286.11	-262.68
8	52	68	105.56	-213.35	-212.90	105.11	11.95	1942.21	1585.13	1587.00	1940.34	25.77
8	52	70	44.52	-250.15	-249.63	44.01	12.29	3031.89	907.94	930.09	3009.74	-215.74
8	52	76	22.13	-253.30	-253.14	21.97	6.58	1747.89	549.13	848.08	1448.94	-518.65
8	52	96	56.98	-180.54	-179.97	56.42	11.57	3565.53	899.64	1004.66	3460.51	518.59
8	52	104	52.18	-243.80	-243.37	51.75	11.26	3394.27	1071.87	1077.17	3388.96	-110.85
8	52	109	52.15	-228.14	-227.49	51.50	13.51	3518.19	1046.62	1049.83	3514.98	89.02
8	52	114	55.22	-206.26	-205.50	54.47	14.00	3543.83	1006.07	1041.91	3507.99	299.44
8	52	133	62.00	-135.54	-135.33	61.79	6.49	3591.16	592.35	809.98	3373.53	777.99
8	52	138	67.83	-68.89	-68.84	67.78	-2.51	3268.39	-11.73	280.60	2976.06	934.57
8	52	143	50.22	6.08	7.19	49.12	-6.89	1991.11	-843.24	-590.61	1738.48	807.60
8	52	171	-70.30	-227.69	-225.38	-72.61	-18.91	-856.40	-8497.78	-8407.50	-946.68	-825.65
8	52	176	-73.61	-268.72	-258.92	-83.40	-42.60	-2450.25	-1.148e+04	-1.147e+04	-2458.81	-277.82
8	52	181	-59.62	-222.98	-209.94	-72.67	-44.29	-1644.49	-7737.76	-7680.47	-1701.78	588.03
8	52	207	25.75	-184.63	-178.72	19.84	34.78	1183.08	-173.56	-153.75	1163.27	-162.75
8	52	250	50.09	-86.05	-80.84	44.88	26.11	1564.19	221.45	320.50	1465.15	-350.97
8	52	253	15.88	-27.97	-27.63	15.54	3.81	414.45	-631.08	-121.82	-94.80	-522.59
8	52	258	12.30	-71.18	-71.01	12.14	-3.72	-123.71	-346.83	-137.19	-333.34	-53.17
8	52	275	50.25	-4.67	22.84	22.74	-27.46	920.40	-946.19	-500.16	474.36	796.00
8	52	286	-82.97	-208.65	-204.93	-86.69	21.30	-1196.53	-6573.16	-6523.53	-1246.16	-514.16
8	52	288	-104.28	-260.26	-253.11	-111.43	32.62	-1787.67	-9597.38	-9586.71	-1798.33	288.41
8	52	290	-60.08	-217.37	-213.54	-63.92	24.27	-699.67	-6788.16	-6665.14	-822.69	856.66
8	52	309	46.39	-144.74	-144.71	46.36	-2.38	570.42	112.52	569.51	113.44	20.44
8	52	313	58.27	-159.81	-159.72	58.18	-4.42	887.74	216.80	887.73	216.81	2.15
8	52	323	16.02	-54.15	-50.75	12.63	-15.06	488.45	-320.27	107.08	61.10	403.70
8	52	333	12.37	-75.04	-74.12	11.45	-8.96	-33.88	-234.38	-45.39	-222.87	46.64
8	52	353	10.66	-55.60	-55.47	10.53	-2.87	57.79	-443.82	-77.65	-308.38	-222.70
8	52	359	12.38	-45.23	-45.23	12.38	0.31	219.52	-538.15	-74.21	-244.42	-369.15
8	52	360	9.23	-59.66	-59.15	8.72	-5.91	-68.89	-373.46	-106.88	-335.46	-100.64
8	52	387	24.84	-2.63	0.78	21.43	9.06	622.26	-771.34	-312.85	163.77	-654.78
8	52	392	44.58	19.85	35.77	28.65	11.84	721.52	-1031.56	-722.42	412.38	-668.11
8	52	397	59.05	15.97	57.67	17.34	-7.57	441.72	-1165.76	-1059.30	335.25	-399.75
8	52	417	51.05	-163.27	-162.85	50.63	9.48	69.29	-1998.84	-1438.78	-490.78	-919.03
8	52	418	58.68	-236.88	-234.90	56.69	-24.12	-309.86	-1603.83	-1435.99	-477.70	-434.75

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
8	52	419	75.18	-215.92	-209.13	68.39	-43.94	1865.89	-372.47	-273.02	1766.43	461.22
8	52	420	40.26	-103.55	-103.50	40.21	-2.80	1613.59	586.20	590.49	1609.30	-66.21
8	52	421	46.08	-107.87	-107.85	46.05	2.03	1516.44	684.68	725.01	1476.11	-178.65
8	52	422	50.77	-116.34	-115.50	49.93	11.81	1407.79	573.09	793.56	1187.32	-367.99
8	52	423	53.91	-120.91	-119.07	52.07	17.85	1444.18	-19.30	624.57	800.31	-726.44
8	52	424	20.41	-190.64	-190.19	19.95	-9.82	-1014.40	-3804.07	-3790.31	-1028.16	-195.45
8	52	425	11.30	-258.44	-253.45	6.31	-36.35	-1192.96	-5285.32	-5186.71	-1291.58	-627.57
8	52	426	39.67	-231.78	-224.27	32.16	-44.53	545.29	-3028.40	-2997.68	514.57	-329.92
8	52	427	59.81	-187.23	-185.83	58.40	-18.58	3589.61	1544.53	1565.87	3568.27	207.82
8	52	428	27.47	-182.16	-181.28	26.59	13.55	3230.33	1431.46	1462.03	3199.76	232.49
8	52	429	29.90	-184.14	-184.10	29.86	2.91	3982.47	1208.65	1209.97	3981.16	60.41
8	52	430	35.67	-183.80	-183.80	35.67	-0.42	4139.20	1346.78	1347.05	4138.94	27.41
8	52	431	55.57	-138.35	-136.84	54.06	17.07	992.64	-867.84	-65.29	190.09	-921.43
8	52	432	42.08	-184.19	-184.17	42.06	-2.05	4148.85	1407.34	1407.48	4148.70	19.98
8	52	433	75.82	-213.02	-212.29	75.09	-14.50	745.52	159.20	653.25	251.48	-213.51
8	52	434	73.16	-200.14	-196.63	69.65	-30.78	2878.69	954.33	1096.97	2736.04	504.14
8	52	435	40.86	-107.54	-107.16	40.48	-7.48	1789.73	588.96	594.29	1784.41	79.77
8	52	436	51.60	-185.26	-185.07	51.40	-6.73	4063.69	1528.45	1532.25	4059.89	98.07
8	52	437	69.79	-211.63	-199.73	57.89	56.62	1795.52	459.70	980.66	1274.56	-651.54
8	52	438	49.92	-235.64	-233.46	47.73	24.87	531.95	67.82	77.50	522.27	66.30
8	52	439	56.13	-167.82	-164.06	52.37	-28.76	1083.62	-965.11	-209.96	328.48	988.35
8	52	440	62.18	-132.83	-128.25	57.59	-29.55	1782.75	699.44	1099.56	1382.63	522.84
8	52	441	34.67	-100.20	-100.18	34.65	-1.49	1648.16	388.43	388.77	1647.83	20.63
8	52	442	3.69	2.20	3.67	2.22	-0.16	54.79	-408.11	-355.07	1.76	147.44
8	52	443	0.45	-1.42	-0.26	-0.71	0.91	-27.05	-165.17	-163.87	-28.36	-13.37
8	52	444	2.49	-17.83	-17.71	2.37	1.59	60.69	-127.31	-90.16	23.55	-74.86
8	52	445	4.10	-59.58	-59.31	3.83	-4.11	12.97	-78.63	-74.88	9.23	-18.14
8	52	446	76.52	2.73	76.48	2.77	-1.73	-5.51	-613.25	-602.79	-15.97	79.04
8	52	447	3.54	-47.26	-47.23	3.50	1.29	122.35	-11.39	117.24	-6.28	25.62
8	52	448	2.79	-70.35	-70.20	2.64	3.33	31.78	-16.67	4.47	10.63	-24.03
8	52	449	2.29	-53.30	-53.27	2.26	1.35	56.06	-46.03	1.98	8.05	-50.95
8	52	450	2.41	-40.43	-40.41	2.39	1.01	69.26	-65.33	-7.80	11.73	-66.58
8	52	451	1.80	-61.87	-61.72	1.65	3.11	39.06	-47.57	-17.63	9.11	-41.20
8	52	452	22.33	2.21	22.17	2.37	1.79	32.71	-345.04	-332.04	19.71	-68.85
8	52	453	75.66	1.24	75.56	1.33	2.64	36.27	-780.68	-778.42	34.01	-42.89
8	52	454	106.78	4.34	106.74	4.38	2.03	19.22	-1097.89	-1097.33	18.66	-24.97
8	54	1	62.35	9.62	50.16	21.81	-22.23	771.58	-824.77	-786.96	733.78	-242.73
8	54	2	29.73	-23.26	21.70	-15.23	19.00	796.08	-658.45	-653.53	791.16	84.47
8	54	3	65.69	-14.75	39.34	11.59	37.75	201.93	-663.69	-662.22	200.47	35.57
8	54	4	63.04	-34.20	16.53	12.31	-48.57	184.46	-246.75	-241.47	179.18	47.46
8	54	42	70.85	-213.32	-212.98	70.52	-9.77	1289.77	598.92	1144.60	744.09	281.45
8	54	51	39.44	-139.35	-139.13	39.23	-6.19	407.72	350.77	391.83	366.67	25.54
8	54	58	31.90	-127.01	-125.46	30.35	15.60	1223.24	398.46	576.51	1045.19	339.34
8	54	63	32.06	-130.54	-130.33	31.86	5.78	473.44	170.99	218.80	425.63	110.33
8	54	66	-13.96	-188.51	-188.47	-14.00	2.64	565.84	-497.21	-313.37	382.01	-402.03
8	54	68	115.96	-207.47	-206.07	114.56	21.21	2356.62	1798.20	1809.67	2345.15	79.21
8	54	70	44.61	-306.12	-306.08	44.57	-3.74	3802.66	1123.30	1157.48	3768.48	-300.67
8	54	76	20.65	-295.23	-295.15	20.57	-5.04	2163.20	661.01	971.61	1852.61	-608.36
8	54	96	54.25	-252.39	-251.79	53.65	-13.56	4529.83	1382.22	1425.93	4486.12	368.33
8	54	104	50.90	-305.10	-305.05	50.85	-4.25	4254.14	1288.03	1304.29	4237.88	-219.05
8	54	109	50.70	-292.73	-292.71	50.68	-2.41	4461.06	1317.18	1319.60	4458.64	-87.20
8	54	114	53.23	-277.53	-277.37	53.07	-7.13	4546.26	1392.91	1396.85	4542.32	111.51
8	54	133	61.68	-201.41	-200.35	60.62	-16.68	4412.73	1126.09	1295.22	4243.60	726.13
8	54	138	64.98	-125.42	-122.04	61.59	-25.16	4030.60	451.79	799.81	3682.59	1060.36
8	54	143	53.52	-37.80	-25.26	40.98	-31.43	2639.58	-640.86	-223.15	2221.88	1093.52
8	54	171	-75.10	-244.18	-228.95	-90.33	-48.41	-456.09	-8072.33	-8005.97	-522.45	-707.82
8	54	176	-74.78	-286.98	-254.79	-106.97	-76.12	-2028.33	-1.089e+04	-1.086e+04	-2057.52	-507.79
8	54	181	-61.80	-234.03	-201.96	-93.87	-67.04	-1589.62	-7229.05	-7223.50	-1595.17	176.84
8	54	207	25.90	-195.90	-190.37	20.38	34.57	1598.00	-70.86	-28.74	1555.87	-261.77
8	54	250	54.82	-95.94	-93.14	52.02	20.36	1845.69	142.97	287.91	1700.75	-475.16
8	54	253	25.38	6.13	15.18	16.34	9.61	331.97	-682.39	-162.01	-188.40	-507.01
8	54	258	15.24	-19.71	-18.14	13.67	7.24	-238.73	-503.78	-243.09	-499.42	-33.71
8	54	275	58.03	15.55	46.87	26.71	-18.70	838.91	-1233.81	-738.43	343.53	883.96
8	54	286	-65.19	-213.25	-203.93	-74.51	35.95	-1455.42	-7139.47	-7101.65	-1493.24	-462.08
8	54	288	-81.27	-267.48	-255.60	-93.15	45.51	-2054.69	-1.056e+04	-1.053e+04	-2084.89	506.02
8	54	290	-47.37	-224.66	-219.79	-52.25	28.99	-747.97	-7261.02	-7102.77	-906.22	1002.80
8	54	309	48.50	-151.41	-150.73	47.82	-11.63	494.20	381.78	493.24	382.74	-10.37
8	54	313	59.33	-170.51	-169.44	58.25	-15.66	739.43	482.40	737.30	484.53	-23.31
8	54	323	16.55	-11.13	-10.79	16.22	-3.02	359.77	-730.77	-108.31	-262.68	539.78
8	54	333	13.61	-25.73	-25.31	13.18	4.08	-123.78	-507.86	-163.46	-468.18	116.90
8	54	353	14.90	-6.56	-4.50	12.83	6.33	-81.18	-541.57	-186.30	-436.45	-193.25
8	54	359	18.34	-2.09	2.46	13.79	8.49	96.91	-595.59	-153.58	-345.10	-332.75
8	54	360	11.86	-7.15	-6.35	11.06	3.82	-201.38	-511.75	-225.79	-487.34	-83.55

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
8	54	387	42.44	15.34	36.68	21.09	11.09	585.28	-844.00	-300.11	41.39	-693.94
8	54	392	64.70	24.31	62.28	26.73	9.59	732.04	-1109.25	-656.10	278.89	-793.12
8	54	397	74.44	8.72	71.18	11.98	-14.27	491.73	-1191.42	-947.73	248.04	-592.27
8	54	417	43.78	-152.95	-152.94	43.77	-1.40	516.87	-1841.30	-929.23	-395.21	-1148.46
8	54	418	56.54	-249.84	-241.65	48.35	-49.44	713.70	-729.19	-297.76	282.26	-660.59
8	54	419	79.09	-242.39	-226.61	63.31	-69.45	2747.24	649.39	725.78	2670.84	392.98
8	54	420	42.68	-82.56	-82.19	42.30	6.87	1493.06	436.59	443.76	1485.89	-86.73
8	54	421	47.90	-88.83	-88.25	47.31	8.90	1417.96	526.30	574.36	1369.90	-201.35
8	54	422	51.96	-99.70	-97.97	50.22	16.14	1319.80	476.08	684.74	1111.14	-364.02
8	54	423	53.10	-105.96	-103.58	50.72	19.33	1423.56	55.18	678.54	800.19	-681.48
8	54	424	12.01	-185.84	-181.60	7.77	-28.65	-783.41	-3405.57	-3269.63	-919.35	-581.36
8	54	425	10.27	-269.83	-252.27	-7.29	-67.91	-503.99	-4534.95	-4325.95	-712.98	-893.75
8	54	426	41.99	-252.16	-232.59	22.42	-73.31	1177.27	-2292.82	-2273.91	1158.36	-255.44
8	54	427	63.87	-222.13	-216.88	58.62	-38.40	4460.11	2003.31	2003.86	4459.56	-36.69
8	54	428	27.34	-201.97	-201.58	26.95	9.41	3778.11	1620.45	1666.27	3732.29	311.09
8	54	429	32.62	-211.83	-211.64	32.42	-6.84	4624.82	1370.18	1373.15	4621.84	98.36
8	54	430	37.52	-216.71	-216.13	36.93	-12.17	4801.32	1455.99	1456.14	4801.17	22.43
8	54	431	51.60	-125.20	-124.22	50.61	13.17	1167.99	-706.68	238.80	222.51	-937.30
8	54	432	43.65	-218.90	-217.92	42.67	-16.01	4851.25	1510.26	1510.52	4850.99	-29.01
8	54	433	73.62	-229.81	-226.32	70.13	-32.34	1614.17	741.01	1443.20	911.97	-346.48
8	54	434	77.26	-231.95	-222.83	68.13	-52.33	3736.24	1823.16	1865.26	3694.14	280.64
8	54	435	43.27	-85.93	-85.05	42.40	10.59	1654.78	630.47	641.53	1643.72	105.85
8	54	436	53.41	-220.81	-218.79	51.39	-23.48	4820.65	1730.11	1730.75	4820.01	-44.66
8	54	437	77.45	-218.27	-206.43	65.61	57.98	1932.51	313.38	787.35	1458.54	-736.73
8	54	438	59.97	-235.23	-230.92	55.65	35.43	445.14	-509.56	-444.66	380.24	240.31
8	54	439	59.68	-159.33	-158.53	58.89	-13.15	942.51	-1675.76	-702.42	-30.84	1265.34
8	54	440	68.13	-112.29	-111.59	67.44	-11.19	1776.00	253.90	953.35	1076.55	758.55
8	54	441	36.80	-78.21	-77.01	35.60	11.68	1527.03	313.13	313.22	1526.94	10.29
8	54	442	20.00	3.45	19.95	3.51	-0.98	72.02	-572.55	-543.02	42.50	134.77
8	54	443	12.58	1.42	9.28	4.72	-5.10	141.49	-176.63	-70.67	35.53	-149.94
8	54	444	29.73	3.40	29.66	3.48	-1.44	55.22	-132.40	-98.52	21.34	-72.18
8	54	445	8.74	-4.60	-1.02	5.16	-5.91	23.21	-143.44	-143.26	23.03	-5.49
8	54	446	103.69	3.44	103.61	3.51	-2.75	37.57	-827.08	-810.95	21.44	116.98
8	54	447	3.65	-3.23	-3.23	3.65	-0.11	79.02	-89.68	-35.05	24.40	78.94
8	54	448	4.27	-17.55	-17.37	4.09	1.99	15.75	-62.55	-61.05	14.25	10.72
8	54	449	3.51	2.27	2.49	3.29	-0.47	31.88	-96.63	-85.39	20.64	-36.30
8	54	450	12.24	3.25	12.02	3.46	-1.37	47.11	-89.60	-64.16	21.67	-53.20
8	54	451	3.00	-3.10	-2.89	2.80	1.09	30.09	-116.65	-109.63	23.07	-31.32
8	54	452	62.63	3.44	62.56	3.51	-2.09	43.50	-306.44	-281.79	18.86	-89.54
8	54	453	106.44	2.91	106.39	2.96	-2.37	33.82	-697.40	-681.18	17.60	-107.68
8	54	454	123.98	4.57	123.86	4.70	-3.81	16.41	-1008.91	-1000.36	7.86	-93.24
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-403.81	-403.71	-165.83	-76.12		-1.621e+04	-1.621e+04	-3568.53	-1784.21
			142.32		123.86	133.82	94.98	5163.19		2059.10	5163.17	1808.16

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	3	86	9.32	49.13	-113.80	-112.76	48.09	13.01	700.26	24.00	419.51	304.75	333.23
		240	8.67	8.22	-72.76	-72.47	7.93	-4.85	-113.74	-693.78	-614.25	-193.26	199.51
		69	16.79	61.45	-157.62	-151.57	55.39	-35.91	-37.75	-994.89	-994.85	-37.79	5.95
		87	11.94	52.11	-145.73	-145.73	52.10	0.83	804.61	693.80	803.79	694.61	-9.48
1	29	86	6.72	35.20	-84.00	-83.96	35.15	-2.29	249.65	-191.89	-81.78	139.54	191.03
		240	4.20	26.99	-53.60	-44.38	17.77	-25.66	-79.11	-234.76	-102.73	-211.15	55.84
		69	12.44	72.76	-135.65	-127.69	64.80	-39.93	408.74	-225.03	-218.39	402.10	-64.53
		87	8.74	37.32	-112.37	-110.49	35.44	-16.66	349.82	-127.39	-109.61	332.03	90.40
1	61	86	6.79	35.23	-84.95	-84.93	35.20	-1.84	246.67	-198.29	-86.71	135.09	192.87
		240	4.23	26.71	-54.16	-45.34	17.89	-25.20	-83.74	-241.25	-107.93	-217.07	56.78
		69	12.47	72.69	-136.12	-128.37	64.93	-39.48	402.32	-232.26	-225.70	395.77	-64.15
		87	8.80	37.32	-112.94	-111.18	35.55	-16.21	345.35	-134.83	-116.64	327.16	91.65
2	3	238	39.71	-13.07	-118.45	-117.59	-13.92	-9.46	4007.49	628.53	3773.02	862.99	-858.65
		86	8.89	60.14	-109.34	-106.96	57.75	19.97	528.91	-4.70	206.26	317.95	260.90
		87	10.64	58.58	-156.26	-155.66	57.98	-11.28	782.77	487.14	490.84	779.07	32.88
		237	52.87	-31.56	-175.08	-175.08	-31.56	0.34	5348.15	1287.67	5347.86	1287.96	-33.97
2	33	238	29.00	-17.13	-93.66	-91.94	-18.85	-11.35	2926.86	502.96	2813.15	616.67	-512.54
		86	7.50	43.86	-73.67	-73.21	43.39	7.34	204.54	-270.31	-183.26	117.49	183.74
		87	9.43	46.91	-117.55	-115.42	44.78	-18.60	468.18	-50.99	-22.04	439.22	119.14
		237	39.40	-27.50	-129.50	-128.66	-28.33	-9.18	3992.87	937.32	3992.78	937.42	-17.28
2	65	238	29.07	-17.42	-93.83	-92.42	-18.84	-10.30	2930.38	504.15	2816.78	617.75	-512.56
		86	7.53	44.15	-74.23	-73.63	43.55	8.39	204.05	-269.81	-180.40	114.65	185.40

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		87	9.37	46.87	-117.53	-115.64	44.98	-17.55	466.78	-44.25	-14.73	437.26	119.23
		237	39.48	-27.66	-129.62	-128.96	-28.31	-8.13	4000.97	939.26	4000.86	939.38	-18.98
3	3	237	52.83	-30.59	-177.04	-175.11	-32.52	-16.69	5343.41	1292.75	5342.63	1293.53	56.24
		87	10.77	59.76	-155.20	-155.09	59.64	-4.99	794.60	499.89	501.05	793.44	18.44
		126	9.49	67.65	-121.05	-114.54	61.15	-34.43	436.87	-20.50	134.83	281.54	-216.60
		236	41.47	-18.05	-121.62	-121.33	-18.34	-5.47	4149.33	641.25	3911.05	879.53	882.67
3	14	237	39.13	-22.32	-143.22	-130.02	-35.53	-37.71	3942.87	923.26	3939.65	926.48	98.52
		87	10.10	47.95	-120.60	-114.88	42.23	-30.53	512.49	-77.83	-61.15	495.80	97.84
		126	8.40	57.17	-109.33	-94.10	41.95	-47.99	-4.83	-281.51	-268.33	-18.01	-58.94
		236	31.88	-13.17	-103.00	-93.81	-22.35	-27.21	3138.86	501.34	2998.18	642.02	592.67
3	46	237	39.17	-22.64	-143.96	-130.42	-36.18	-38.21	3945.52	923.60	3942.23	926.89	99.72
		87	10.12	48.08	-121.05	-115.15	42.18	-31.03	516.32	-74.90	-57.94	499.35	98.71
		126	8.41	57.40	-109.86	-94.36	41.91	-48.49	-2.35	-278.35	-266.06	-14.64	-56.93
		236	31.93	-13.48	-103.71	-94.20	-22.99	-27.71	3141.49	500.59	2999.81	642.27	595.06
4	3	83	17.77	8.04	-15.71	-6.42	-1.25	-11.59	2102.52	-796.75	1343.92	-38.16	-1274.33
		216	10.10	90.23	-86.86	-47.53	50.89	73.61	173.66	-832.94	171.87	-831.14	-42.49
		215	8.45	66.96	-119.62	-99.73	47.06	57.58	518.44	21.50	515.25	24.68	-39.65
		9	26.81	-11.79	-100.80	-90.18	-22.41	28.85	3439.07	-225.92	2690.25	522.90	-1477.73
4	26	83	12.75	8.21	-16.69	-16.58	8.11	1.62	1497.45	-562.41	953.97	-18.94	-907.81
		216	8.14	57.35	-93.43	-62.87	26.79	60.61	134.05	-606.77	125.41	-598.14	-79.52
		215	7.30	46.46	-109.84	-91.10	27.72	50.77	386.50	-51.06	368.72	-33.29	-86.38
		9	19.89	10.81	-91.25	-74.47	-5.98	37.83	2412.45	-167.91	1873.28	371.25	-1049.06
4	58	83	12.80	8.52	-17.57	-17.40	8.35	2.10	1499.62	-562.37	956.80	-19.55	-908.09
		216	8.22	57.99	-94.33	-63.64	27.29	61.10	134.89	-614.64	126.74	-606.49	-77.75
		215	7.38	47.14	-110.71	-91.80	28.23	51.26	388.75	-58.36	371.78	-41.39	-85.44
		9	19.97	11.27	-92.20	-75.22	-5.72	38.32	2417.38	-168.55	1877.85	370.97	-1050.75
5	2	12	8.29	-26.12	-97.37	-90.76	-32.72	-20.66	404.43	-682.44	147.82	-425.83	461.58
		11	15.06	13.73	-21.72	13.63	-21.62	-1.90	425.39	-1920.22	37.26	-1532.09	871.64
		71	22.65	-8.06	-134.07	-88.53	-53.60	-60.54	-49.03	-3333.49	-51.76	-3330.76	94.68
		82	5.87	1.09	-79.62	-79.43	0.90	3.97	432.36	-390.35	140.69	-98.67	393.56
5	34	12	6.99	-16.70	-74.59	-62.15	-29.13	-23.77	319.57	-597.20	94.64	-372.27	394.48
		11	13.74	16.26	-55.34	15.04	-54.13	-9.24	258.55	-1718.56	-30.01	-1430.00	698.04
		71	20.31	-14.10	-124.44	-59.38	-79.15	-54.27	-105.20	-2818.62	-107.81	-2816.00	84.14
		82	4.79	-2.14	-50.89	-50.40	-2.63	-4.86	314.32	-359.25	78.17	-123.10	321.40
5	66	12	7.04	-16.19	-74.72	-61.47	-29.45	-24.50	319.89	-603.56	92.91	-376.57	397.60
		11	13.94	16.80	-58.95	15.47	-57.61	-9.97	251.84	-1740.03	-35.48	-1452.71	699.82
		71	20.58	-14.33	-126.94	-58.59	-82.68	-55.00	-111.59	-2841.52	-114.19	-2838.92	84.23
		82	4.82	-2.21	-50.10	-49.44	-2.88	-5.59	312.13	-364.33	75.38	-127.58	322.65
6	2	14	8.48	-33.79	-54.21	-54.06	-33.93	-1.71	698.50	-705.76	162.97	-170.24	682.08
		13	12.29	8.15	-21.63	1.06	-14.53	12.69	681.80	-1270.95	-69.33	-519.82	950.03
		11	14.23	-3.72	-22.74	-6.89	-19.57	-7.09	327.01	-1929.29	-8.77	-1593.51	803.03
		12	8.08	-23.98	-78.14	-74.65	-27.47	-13.30	479.17	-673.02	168.70	-362.55	511.20
6	24	14	7.13	-23.57	-31.59	-30.35	-24.82	-2.90	560.07	-633.57	105.82	-179.32	579.54
		13	10.74	11.16	-28.47	9.41	-26.73	8.13	495.44	-1174.39	-95.82	-583.12	798.57
		11	12.70	6.35	-32.00	5.03	-30.69	-6.98	233.03	-1683.62	-43.29	-1407.30	673.24
		12	6.58	-15.20	-49.87	-45.19	-19.88	-11.86	379.29	-594.84	109.82	-325.37	435.76
6	56	14	7.18	-23.30	-30.86	-29.33	-24.83	-3.05	561.64	-641.63	104.02	-184.00	584.15
		13	10.86	11.81	-29.71	10.21	-28.11	7.99	492.19	-1192.48	-99.83	-600.46	804.28
		11	12.86	7.28	-33.37	5.99	-32.08	-7.12	230.79	-1701.92	-46.71	-1424.41	677.74
		12	6.61	-14.98	-49.02	-44.07	-19.93	-12.00	379.87	-601.56	108.15	-329.83	439.14
7	2	73	8.40	-20.89	-46.32	-44.85	-22.36	5.94	789.31	-604.86	123.97	60.48	696.36
		15	12.68	12.24	-46.58	-9.74	-24.61	28.45	1083.04	-851.01	-118.29	350.32	938.21
		13	12.15	7.38	-17.80	1.31	-11.73	10.77	667.25	-1280.76	-63.52	-549.99	943.14
		14	8.35	-30.55	-53.78	-53.77	-30.57	0.60	704.82	-695.83	156.63	-147.64	683.60
7	28	73	7.01	-12.67	-18.13	-17.57	-13.24	1.66	639.89	-557.94	69.63	12.32	598.23
		15	10.43	12.69	-41.92	5.32	-34.55	18.66	860.37	-786.54	-125.08	198.91	807.36
		13	10.45	9.66	-26.59	8.89	-25.82	5.24	553.78	-1116.57	-70.97	-491.81	808.23
		14	7.15	-19.59	-30.07	-29.40	-20.26	-2.57	580.09	-617.72	107.67	-145.30	585.40
7	60	73	7.06	-12.35	-16.54	-16.02	-12.87	1.38	642.59	-566.37	67.18	9.04	603.78
		15	10.49	13.36	-42.76	6.50	-35.90	18.38	862.72	-798.49	-128.25	192.48	814.98
		13	10.55	10.28	-27.93	9.62	-27.27	4.96	557.35	-1128.03	-72.78	-497.90	815.44
		14	7.22	-19.10	-29.20	-28.32	-19.98	-2.85	583.28	-624.98	106.59	-148.28	590.54
8	2	10	8.44	20.04	-32.03	-18.88	6.89	-22.62	698.37	-509.33	187.55	1.49	596.64
		98	16.15	7.93	-131.34	-72.74	-50.66	68.75	1691.11	-530.49	-282.34	1442.96	699.79
		15	12.50	21.11	-35.94	6.41	-21.24	24.95	1083.03	-856.27	-88.05	314.81	948.50
		73	8.73	-17.36	-60.41	-57.34	-20.43	11.08	787.51	-599.30	99.31	88.89	693.39
8	35	10	5.65	1.15	-53.36	-53.33	1.13	-1.14	531.81	-304.72	191.68	35.42	410.90
		98	12.89	16.11	-134.39	-91.34	-26.94	68.01	1201.46	-333.29	-183.39	1051.56	455.62
		15	9.53	29.56	-40.53	-10.24	-0.72	34.72	712.71	-587.31	-52.56	177.96	639.71
		73	7.05	-6.68	-72.31	-61.54	-17.46	24.31	579.23	-374.19	105.76	99.28	476.70
8	67	10	5.61	0.77	-56.92	-56.91	0.77	0.34	531.33	-297.16	196.11	38.07	406.64
		98	12.95	16.96	-137.96	-94.71	-26.30	69.50	1196.39	-326.52	-180.60	1050.48	448.25
		15	9.53	31.04	-42.36	-11.66	0.34	36.20	704.07	-579.76	-52.05	176.36	631.67

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		73	7.08	-5.98	-74.81	-63.18	-17.61	25.79	576.74	-366.83	108.41	101.49	471.78
9	2	67	2.43	38.38	-2.94	36.31	-0.87	-9.02	170.26	-65.83	0.56	103.87	106.14
		16	3.63	-1.17	-69.33	-45.99	-24.51	32.35	374.53	86.37	160.16	300.74	125.77
		10	10.13	-10.25	-48.63	-31.76	-27.12	19.05	1004.84	-554.79	165.09	284.96	777.51
		124	2.79	31.35	-38.09	-17.11	10.37	31.89	277.42	103.72	252.80	128.35	60.59
9	35	67	1.51	1.40	-16.13	-10.11	-4.62	8.32	154.89	-19.95	16.18	118.75	70.80
		16	3.87	4.73	-92.61	-72.29	-15.59	39.56	253.81	73.60	112.04	215.38	73.82
		10	8.40	1.43	-66.98	-49.88	-15.67	29.62	725.89	-413.15	110.99	201.75	567.71
		124	2.98	28.91	-62.42	-39.65	6.15	39.51	198.17	121.24	183.37	136.04	30.32
9	67	67	1.62	1.33	-19.91	-13.59	-4.99	9.71	157.18	-17.66	17.31	122.22	69.93
		16	3.98	5.36	-96.36	-75.67	-15.33	40.95	252.72	75.16	111.68	216.20	71.77
		10	8.47	2.37	-69.83	-52.22	-15.24	31.01	723.27	-410.81	110.10	202.37	565.16
		124	3.10	29.39	-65.49	-42.09	6.00	40.89	197.33	124.83	182.86	139.30	28.98
10	3	9	25.49	-24.71	-84.94	-84.38	-25.28	-5.81	3465.85	-234.52	2713.83	517.49	-1489.03
		215	9.15	79.36	-139.81	-103.41	42.97	81.56	518.48	14.04	516.99	15.53	-27.36
		217	10.05	53.62	-156.07	-142.31	39.86	51.92	869.83	610.42	860.97	619.28	-47.10
		123	34.01	-31.14	-160.20	-146.51	-44.83	39.75	4560.08	408.54	4034.54	934.08	-1380.44
10	34	9	19.05	-3.22	-74.65	-70.11	-7.77	17.44	2424.67	-175.66	1883.59	365.42	-1055.57
		215	8.10	61.37	-131.18	-94.15	24.33	75.89	381.88	-40.19	365.97	-24.29	-80.38
		217	8.48	45.58	-133.89	-114.28	25.97	55.98	649.69	323.39	600.36	372.71	-116.88
		123	24.72	3.68	-137.81	-112.43	-21.70	54.29	3139.15	263.11	2762.00	640.26	-970.81
10	66	9	19.15	-2.49	-75.87	-70.85	-7.51	18.52	2428.69	-176.21	1887.47	365.00	-1056.83
		215	8.20	62.46	-132.52	-94.84	24.79	76.98	384.10	-46.40	368.69	-30.98	-79.99
		217	8.58	46.63	-135.04	-114.87	26.46	57.07	652.45	317.73	604.00	366.18	-117.77
		123	24.82	4.63	-139.13	-113.07	-21.43	55.38	3144.45	262.31	2766.76	640.00	-972.58
11	3	123	32.82	-47.70	-141.57	-141.50	-47.77	-2.55	4587.84	391.00	4047.78	931.06	-1405.30
		217	10.77	67.15	-177.53	-146.40	36.02	81.54	866.23	612.64	862.68	616.18	-29.79
		218	12.19	43.83	-183.70	-175.86	35.99	41.51	1178.77	1035.03	1165.54	1048.27	-41.56
		119	39.89	-49.39	-208.39	-192.54	-65.24	47.64	5454.23	950.85	5164.19	1240.89	-1105.46
11	34	123	23.83	-16.92	-115.15	-108.74	-23.34	24.26	3162.68	249.80	2771.79	640.69	-992.89
		217	9.39	60.98	-154.43	-117.34	23.89	81.33	651.65	335.34	603.55	383.44	-113.58
		218	9.72	42.81	-147.38	-131.37	26.81	52.80	888.77	585.19	809.03	664.93	-133.60
		119	28.26	-6.23	-171.26	-141.90	-35.60	63.12	3696.64	621.30	3483.17	834.78	-781.62
11	58	123	23.92	-16.12	-114.14	-109.16	-21.10	21.53	3182.81	247.47	2785.97	644.31	-1003.69
		217	9.45	60.54	-152.57	-117.97	25.94	78.59	672.12	339.42	617.48	394.06	-123.27
		218	9.79	43.13	-146.43	-132.14	28.84	50.06	909.86	588.48	822.56	675.79	-142.96
		119	28.36	-6.50	-169.27	-142.45	-33.32	60.38	3716.01	620.99	3497.86	839.14	-792.21
12	1	16	5.67	-10.78	-38.66	-36.44	-13.01	-7.55	758.97	21.08	266.64	513.41	347.71
		19	9.86	6.80	-32.48	-20.03	-5.65	18.28	1323.15	-243.94	-231.55	1310.75	-138.82
		98	13.65	-9.91	-102.60	-89.46	-23.06	32.33	1347.95	-555.76	-403.63	1195.82	516.19
		10	9.36	-0.18	-8.33	-8.18	-0.33	-1.09	1004.93	-578.30	276.29	150.33	789.11
12	35	16	4.70	-13.27	-84.59	-84.33	-13.52	4.23	562.95	59.35	249.16	373.14	244.05
		19	8.01	5.88	-78.33	-69.68	-2.77	25.56	898.52	-174.37	-156.80	880.95	-136.18
		98	10.90	-1.90	-120.13	-107.76	-14.28	36.19	898.96	-398.26	-291.57	792.27	356.40
		10	7.17	4.43	-45.36	-43.41	2.48	9.66	750.28	-400.43	253.83	96.02	569.92
12	67	16	4.79	-13.43	-89.88	-89.52	-13.80	5.25	563.21	64.95	253.38	374.79	241.62
		19	8.09	5.90	-83.57	-74.82	-2.85	26.58	891.42	-173.37	-154.90	872.95	-139.02
		98	10.95	-1.36	-123.81	-111.20	-13.96	37.20	889.44	-395.21	-289.97	784.20	352.30
		10	7.19	4.88	-49.11	-46.91	2.67	10.68	749.62	-394.25	257.75	97.61	566.30
13	2	19	10.54	23.90	-25.13	23.89	-25.12	0.44	1331.31	-119.19	-76.70	1288.82	-244.60
		21	9.29	18.49	-141.29	-108.75	-14.06	64.35	777.01	43.08	313.84	506.26	-354.13
		20	6.68	35.34	-16.57	-13.59	32.37	-12.06	502.58	-461.64	475.85	-434.91	-158.29
		98	15.13	-30.99	-226.23	-200.41	-56.81	66.14	937.90	-1195.95	-951.26	693.21	-679.90
13	31	19	6.59	-18.22	-53.95	-50.59	-21.59	10.44	916.87	-68.62	-31.50	879.75	-187.64
		21	8.67	9.44	-172.05	-150.42	-12.19	58.79	575.96	75.22	283.86	367.33	-246.87
		20	8.31	19.77	-100.28	-100.27	19.76	1.30	456.36	-356.72	450.16	-350.53	-70.71
		98	13.27	-34.12	-259.01	-241.60	-51.52	60.09	623.94	-854.40	-660.72	430.26	-498.82
13	63	19	6.58	-18.21	-60.21	-56.88	-21.55	11.35	909.30	-66.96	-29.40	871.74	-187.78
		21	8.84	9.16	-178.17	-156.67	-12.33	59.71	574.13	78.83	287.75	365.21	-244.61
		20	8.61	19.38	-108.57	-108.53	19.34	2.21	463.51	-357.32	458.03	-351.84	-66.85
		98	13.45	-34.89	-267.24	-249.93	-52.20	61.00	617.74	-848.82	-654.31	423.23	-497.42
14	3	21	6.36	-3.48	-184.20	-184.01	-3.66	5.74	94.46	29.30	68.23	55.53	31.95
		23	6.83	-7.40	-191.79	-191.78	-7.40	0.53	166.10	39.78	117.68	88.20	61.42
		22	6.14	2.21	-160.11	-160.11	2.21	-0.11	148.07	-35.64	107.55	4.88	76.17
		20	6.22	2.24	-173.87	-173.80	2.17	3.48	63.90	-12.28	55.67	-4.05	23.64
14	23	21	5.76	-8.33	-143.20	-143.10	-8.43	3.68	452.25	177.13	243.15	386.23	-117.50
		23	6.69	-11.18	-167.42	-167.00	-11.60	8.09	353.58	272.13	303.25	322.46	39.58
		22	3.90	4.62	-52.89	-52.71	4.44	-3.22	280.02	-68.51	256.53	-45.02	87.37
		20	4.78	1.25	-88.79	-87.87	0.33	9.04	274.94	-124.12	156.27	-5.45	-182.41
14	55	21	5.96	-8.51	-150.05	-149.96	-8.60	3.46	448.34	178.83	244.03	383.13	-115.42
		23	6.92	-11.19	-174.22	-173.84	-11.57	7.86	353.83	270.70	304.23	320.31	40.78
		22	4.12	4.74	-59.34	-59.16	4.55	-3.44	279.52	-71.58	255.43	-47.49	88.76
		20	4.94	1.12	-95.12	-94.31	0.31	8.81	270.99	-124.83	155.05	-8.88	-180.14

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
15	3	23	7.01	-9.45	-194.10	-193.22	-10.33	-12.71	197.39	19.55	118.47	98.47	88.36
		25	6.52	-0.30	-167.02	-165.34	-1.97	-16.64	290.62	37.04	158.24	169.42	126.67
		24	8.43	-1.20	-215.62	-215.20	-1.63	-9.59	293.21	-94.99	148.81	49.41	187.63
		22	6.24	4.51	-159.29	-159.26	4.48	-2.24	128.80	-47.66	106.84	-25.70	58.24
15	21	23	6.73	-9.03	-162.74	-158.62	-13.16	-24.85	380.35	229.14	288.49	321.00	73.84
		25	6.76	1.44	-133.99	-131.10	-1.45	-19.57	625.99	109.41	291.63	443.77	246.83
		24	7.17	0.11	-121.44	-118.22	-3.11	-19.50	445.70	-241.75	198.67	5.28	329.85
		22	4.04	2.29	-63.21	-62.56	1.65	-6.47	249.20	-64.61	247.84	-63.24	20.65
15	53	23	6.91	-8.96	-168.80	-164.65	-13.12	-25.44	377.18	228.12	287.06	318.24	72.88
		25	6.91	1.80	-140.04	-137.11	-1.13	-20.16	621.07	108.15	289.81	439.42	245.31
		24	7.35	0.08	-128.74	-125.53	-3.13	-20.09	440.27	-243.98	195.61	0.67	327.95
		22	4.28	2.09	-70.60	-69.91	1.40	-7.06	246.35	-67.46	245.15	-66.26	19.31
16	2	25	12.57	25.08	-156.58	-112.01	-19.49	-78.17	1110.88	-32.79	451.67	626.42	565.12
		26	14.21	51.18	-26.87	50.78	-26.48	-5.52	1726.21	-236.57	-108.42	1598.06	484.87
		99	19.38	-45.70	-299.62	-269.90	-75.43	-81.63	1548.40	-1223.24	-639.11	964.27	1130.39
		24	8.79	45.03	-38.65	-35.91	42.28	14.89	564.96	-645.38	497.54	-577.96	277.59
16	24	25	9.20	26.34	-74.26	-28.22	-19.70	-50.12	906.59	-72.09	316.95	517.55	478.95
		26	13.01	96.82	-14.16	96.58	-13.92	5.14	1512.43	-193.44	-95.06	1414.06	397.67
		99	15.81	-10.51	-131.46	-100.61	-41.36	-52.72	1379.13	-989.78	-527.93	917.28	938.50
		24	7.23	83.72	28.27	74.83	37.16	20.35	426.03	-523.11	321.41	-418.49	297.24
16	56	25	9.18	27.67	-70.76	-22.94	-20.16	-49.20	911.34	-76.53	313.97	520.83	482.98
		26	13.20	102.31	-13.84	101.99	-13.52	6.07	1527.58	-194.11	-95.63	1429.10	399.81
		99	15.94	-7.66	-123.08	-90.81	-39.93	-51.80	1394.37	-994.31	-531.60	931.66	944.02
		24	7.52	92.67	29.42	84.44	37.65	21.27	425.92	-526.10	315.68	-415.86	304.63
17	2	33	9.21	-23.44	-109.74	-23.65	-109.53	4.23	-210.92	-672.44	-324.53	-558.83	198.81
		47	9.85	-15.72	-111.24	-17.63	-109.32	13.39	-217.56	-688.35	-279.17	-626.74	158.78
		65	14.04	-10.03	-112.95	-11.27	-111.70	11.24	-390.77	-1160.09	-404.70	-1146.16	102.59
		60	13.53	-16.62	-114.83	-16.64	-114.81	-1.31	-469.18	-1142.93	-512.79	-1099.32	165.77
17	24	33	8.49	-17.33	-83.43	-19.22	-81.53	11.03	-234.20	-664.76	-314.32	-584.63	167.57
		47	9.10	-9.95	-84.86	-14.57	-80.24	18.03	-237.84	-703.97	-283.12	-658.69	138.05
		65	12.24	-5.68	-85.56	-9.20	-82.05	16.39	-365.55	-1069.38	-377.28	-1057.66	90.08
		60	11.71	-12.74	-86.14	-13.37	-85.51	6.77	-423.90	-1032.66	-456.73	-999.83	137.49
17	56	33	8.62	-17.18	-83.66	-19.32	-81.52	11.75	-240.80	-678.00	-320.13	-598.66	168.49
		47	9.25	-9.70	-85.15	-14.69	-80.15	18.75	-244.20	-719.67	-289.24	-674.63	139.23
		65	12.38	-5.44	-85.79	-9.27	-81.96	17.11	-371.31	-1085.29	-383.07	-1073.53	90.85
		60	11.84	-12.65	-86.25	-13.42	-85.48	7.49	-429.61	-1046.40	-462.20	-1013.80	137.99
18	2	34	6.15	-31.40	-102.90	-32.13	-102.17	7.19	94.85	-365.42	-167.19	-103.38	227.91
		32	6.03	-23.25	-107.15	-27.25	-103.16	17.87	54.30	-293.20	-138.09	-100.81	172.74
		47	9.68	-15.06	-108.72	-17.15	-106.62	13.86	-222.44	-678.14	-277.84	-622.74	148.92
		33	9.24	-22.91	-107.21	-23.10	-107.03	3.93	-198.73	-686.00	-323.16	-561.57	212.48
18	28	34	6.12	-22.59	-79.74	-26.06	-76.27	13.64	4.11	-396.85	-185.55	-207.19	200.19
		32	6.11	-14.90	-85.97	-22.39	-78.49	21.82	-33.41	-349.25	-165.42	-217.24	155.78
		47	8.81	-9.59	-86.01	-14.49	-81.11	18.73	-230.04	-665.81	-276.52	-619.34	134.51
		33	8.39	-16.95	-81.94	-18.92	-79.97	11.12	-210.83	-658.59	-309.13	-560.29	185.35
18	60	34	6.25	-22.36	-80.16	-26.20	-76.32	14.39	-2.37	-407.53	-190.80	-219.09	202.08
		32	6.24	-14.53	-86.34	-22.52	-78.36	22.57	-40.23	-360.89	-170.88	-230.24	157.56
		47	8.94	-9.31	-86.27	-14.61	-80.97	19.48	-235.63	-679.03	-282.27	-632.39	136.03
		33	8.51	-16.80	-82.25	-19.03	-80.01	11.88	-216.43	-670.50	-314.68	-572.24	186.98
19	2	35	7.03	-40.99	-95.98	-42.61	-94.36	9.30	431.84	-125.75	-31.79	337.88	208.72
		5	7.15	-33.39	-103.06	-40.32	-96.13	20.85	459.17	-55.84	0.30	403.03	160.50
		32	5.98	-22.57	-104.74	-26.68	-100.63	17.92	53.45	-293.06	-136.98	-102.63	172.40
		34	6.10	-30.89	-100.07	-31.66	-99.30	7.28	93.08	-367.45	-169.24	-105.12	228.02
19	29	35	6.22	-31.17	-71.17	-31.20	-71.15	-0.98	410.47	-36.26	15.88	358.34	143.43
		5	6.31	-28.05	-74.06	-29.44	-72.66	7.89	437.29	9.11	40.14	406.27	111.00
		32	3.52	-18.10	-76.59	-18.64	-76.05	5.60	106.85	-144.21	-56.54	19.18	119.69
		34	4.19	-22.34	-75.03	-22.47	-74.91	-2.54	134.80	-196.34	-80.92	19.38	157.79
19	61	35	6.30	-30.99	-71.32	-31.06	-71.25	-1.73	417.97	-31.11	19.66	367.20	142.21
		5	6.39	-28.17	-73.89	-29.32	-72.74	7.15	445.22	13.63	43.89	414.96	110.21
		32	3.60	-18.08	-76.53	-18.49	-76.12	4.86	113.43	-137.34	-51.97	28.05	118.83
		34	4.27	-22.11	-75.20	-22.31	-75.00	-3.29	141.09	-188.97	-76.31	28.43	156.50
20	2	36	10.05	-52.70	-89.78	-54.54	-87.94	8.05	815.52	64.69	97.50	782.71	153.49
		31	10.88	-44.92	-98.98	-56.47	-87.43	22.16	922.97	115.44	131.93	906.49	114.20
		5	7.05	-33.12	-100.30	-40.00	-93.43	20.36	458.47	-56.24	0.07	402.16	160.65
		35	6.91	-40.00	-93.53	-41.90	-91.63	9.91	430.90	-126.14	-31.70	336.47	209.01
20	29	36	8.31	-40.18	-64.71	-40.24	-64.64	-1.29	694.50	80.54	98.94	676.10	104.68
		31	8.88	-38.49	-68.77	-41.90	-65.36	9.57	772.48	113.12	123.06	762.53	80.35
		5	5.97	-27.43	-71.47	-29.00	-69.90	8.16	410.65	-1.50	32.37	376.78	113.20
		35	5.86	-30.27	-67.46	-30.27	-67.46	0.11	386.91	-44.47	10.77	331.67	144.15
20	61	36	8.35	-39.94	-64.66	-40.09	-64.51	-1.97	699.11	83.05	101.07	681.09	103.82
		31	8.92	-38.79	-68.30	-41.77	-65.33	8.89	775.97	115.08	124.94	766.11	80.12
		5	6.00	-27.53	-71.19	-28.85	-69.87	7.48	414.18	1.88	35.38	380.68	112.65
		35	5.90	-30.09	-67.34	-30.10	-67.33	-0.57	390.88	-40.20	14.04	336.65	142.97
21	2	38	7.36	-21.96	-113.84	-26.25	-109.56	-19.38	55.19	-572.72	-220.92	-296.61	311.67

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		33	9.75	-24.29	-110.18	-25.71	-108.76	10.96	-186.54	-709.48	-314.77	-581.25	224.98
		60	13.38	-18.08	-114.13	-18.72	-113.49	7.82	-385.81	-1096.53	-421.98	-1060.36	156.20
		245	9.40	-19.73	-115.96	-23.02	-112.67	-17.47	-198.45	-736.88	-326.40	-608.93	229.17
21	24	38	6.61	-21.33	-82.97	-21.87	-82.44	-5.71	-12.33	-526.38	-234.29	-304.42	254.62
		33	8.96	-16.72	-85.75	-21.49	-80.97	17.51	-227.93	-696.79	-321.35	-603.37	187.28
		60	11.60	-12.53	-87.71	-15.70	-84.54	15.11	-374.70	-998.69	-402.23	-971.15	128.15
		245	8.00	-18.73	-85.01	-19.01	-84.73	-4.27	-208.83	-649.60	-314.18	-544.25	187.98
21	56	38	6.69	-21.65	-82.75	-22.04	-82.36	-4.87	-19.47	-532.22	-240.27	-311.42	253.90
		33	9.09	-16.45	-86.20	-21.67	-80.97	18.36	-236.26	-709.97	-328.65	-617.58	187.70
		60	11.73	-12.31	-88.04	-15.84	-84.52	15.95	-382.24	-1012.31	-409.28	-985.26	127.70
		245	8.06	-18.95	-84.83	-19.13	-84.65	-3.43	-215.93	-655.19	-319.93	-551.19	186.73
22	2	40	8.60	-24.69	-109.33	-32.00	-102.02	-23.77	282.94	-465.59	-127.76	-54.88	372.49
		34	6.63	-31.78	-102.68	-34.96	-99.51	14.66	83.39	-388.42	-187.84	-117.18	233.25
		33	9.63	-23.76	-107.55	-25.23	-106.08	11.00	-194.18	-705.70	-315.62	-584.26	217.65
		38	7.37	-21.26	-111.40	-25.65	-107.01	-19.42	63.38	-581.68	-220.37	-297.93	320.19
22	28	40	6.24	-25.16	-78.39	-26.52	-77.03	-8.39	181.86	-446.68	-159.06	-105.75	313.14
		34	6.62	-20.56	-82.44	-28.82	-74.17	21.05	-13.24	-426.23	-218.65	-220.81	206.49
		33	8.76	-15.95	-84.45	-21.21	-79.19	18.23	-218.00	-677.61	-315.96	-579.65	188.22
		38	6.64	-21.13	-81.25	-21.56	-80.82	-5.06	8.15	-530.27	-229.56	-292.57	267.36
22	60	40	6.19	-25.63	-78.09	-26.72	-77.00	-7.49	177.23	-453.71	-164.78	-111.70	314.36
		34	6.76	-20.11	-83.12	-29.02	-74.22	21.95	-20.87	-437.71	-225.59	-233.00	208.39
		33	8.89	-15.63	-84.99	-21.39	-79.22	19.14	-225.00	-689.58	-322.78	-591.80	189.38
		38	6.73	-21.45	-81.08	-21.74	-80.79	-4.15	2.77	-536.43	-235.17	-298.49	267.74
23	2	41	9.26	-27.90	-105.29	-41.79	-91.40	-29.70	421.91	-324.18	-48.35	146.08	360.15
		35	6.64	-38.89	-96.02	-45.79	-89.12	18.62	435.02	-142.37	-45.11	337.76	216.10
		34	6.58	-31.28	-100.16	-34.55	-96.89	14.65	84.04	-388.38	-186.49	-117.86	233.70
		40	8.56	-23.93	-106.93	-31.46	-99.40	-23.84	281.93	-467.03	-128.19	-56.91	372.78
23	17	41	7.81	-9.92	-89.86	-31.59	-68.20	-35.53	336.12	-223.17	-21.14	134.10	268.66
		35	5.70	-35.11	-69.11	-35.18	-69.04	1.50	363.47	-86.35	-16.42	293.54	162.99
		34	4.20	-26.47	-75.05	-26.52	-75.00	-1.54	92.56	-267.63	-118.58	-56.50	177.40
		40	7.30	-8.90	-89.05	-23.61	-74.33	-31.03	231.83	-329.37	-75.70	-21.83	279.30
23	49	41	7.88	-8.82	-90.80	-31.54	-68.08	-36.69	337.29	-220.95	-19.66	136.00	268.05
		35	5.76	-35.18	-69.19	-35.19	-69.19	0.34	366.17	-84.28	-14.70	296.59	162.79
		34	4.13	-26.37	-75.29	-26.52	-75.14	-2.70	95.27	-264.92	-116.24	-53.41	177.33
		40	7.37	-7.94	-89.85	-23.57	-74.21	-32.19	233.40	-326.85	-73.58	-19.88	278.83
24	2	43	8.97	-28.17	-103.69	-53.84	-78.02	-35.77	492.62	-140.80	22.41	329.41	277.02
		36	9.65	-42.22	-92.68	-56.84	-78.06	22.89	831.90	62.80	97.05	797.65	158.64
		35	6.53	-38.28	-93.56	-45.38	-86.46	18.50	434.08	-142.32	-44.04	335.80	216.77
		41	9.21	-27.29	-102.89	-41.62	-88.56	-29.64	421.81	-326.21	-48.57	144.17	361.38
24	33	43	7.39	-11.25	-90.68	-40.86	-61.08	-38.41	417.03	-16.45	71.29	329.28	174.18
		36	7.96	-39.97	-59.70	-42.40	-57.27	6.49	706.97	113.04	128.95	691.06	95.88
		35	5.59	-32.17	-63.79	-32.49	-63.47	3.16	391.33	-26.14	27.90	337.29	140.13
		41	7.49	-10.76	-88.56	-30.32	-69.00	-33.75	358.82	-145.30	25.49	188.03	238.60
24	65	43	7.44	-10.30	-91.75	-40.82	-61.23	-39.43	420.41	-8.58	76.25	335.58	170.86
		36	8.00	-40.50	-58.95	-42.29	-57.15	5.46	711.67	118.64	133.85	696.47	93.73
		35	5.63	-32.13	-63.47	-32.28	-63.33	2.14	395.54	-19.07	33.58	342.89	138.06
		41	7.53	-9.80	-89.50	-30.18	-69.12	-34.77	362.01	-136.20	31.31	194.50	235.36
25	2	224	8.98	1.95	-121.34	-6.18	-113.21	-30.60	747.34	-16.95	667.11	63.28	234.27
		38	9.06	-24.52	-111.50	-24.88	-111.14	-5.61	152.12	-699.73	-277.23	-270.38	425.91
		245	10.20	-23.42	-109.10	-23.53	-108.99	-3.00	-209.15	-863.09	-463.44	-608.80	318.79
		212	10.89	-4.30	-129.10	-8.89	-124.51	-23.47	921.31	32.60	871.80	82.12	203.85
25	36	224	7.59	-6.14	-98.81	-7.59	-97.36	-11.49	604.78	-14.51	539.50	50.78	190.18
		38	8.06	-18.71	-84.90	-19.63	-83.98	7.74	111.23	-574.97	-196.96	-266.78	341.32
		245	8.76	-17.12	-83.76	-18.57	-82.31	9.72	-158.08	-706.18	-337.50	-526.75	257.20
		212	9.03	-9.27	-106.45	-9.65	-106.07	-6.05	740.90	24.56	699.75	65.71	166.68
25	68	224	7.64	-6.69	-99.50	-7.86	-98.33	-10.37	606.14	-13.60	541.58	50.96	189.33
		38	8.14	-18.49	-85.15	-19.68	-83.95	8.86	108.38	-576.56	-195.97	-272.21	340.34
		245	8.83	-16.83	-84.07	-18.63	-82.28	10.84	-160.34	-708.29	-336.48	-532.15	255.91
		212	9.08	-9.66	-107.29	-9.91	-107.04	-4.93	742.62	25.17	701.89	65.90	166.02
26	2	226	8.05	8.33	-111.19	-4.55	-98.31	-37.06	586.56	-64.43	476.27	45.86	244.20
		40	9.11	-27.40	-110.95	-28.97	-109.38	-11.37	347.74	-544.04	-149.53	-46.76	442.92
		38	8.92	-23.65	-109.09	-24.03	-108.71	-5.66	141.58	-693.55	-276.79	-275.17	417.56
		224	8.91	2.54	-118.26	-5.68	-110.04	-30.43	748.12	-22.66	664.19	61.27	240.10
26	36	226	6.16	-3.15	-90.46	-6.64	-86.96	-17.12	478.78	-62.01	387.01	29.76	202.99
		40	7.18	-22.75	-82.98	-22.87	-82.86	2.62	271.12	-455.98	-101.12	-83.74	363.45
		38	7.92	-18.24	-83.05	-19.00	-82.29	7.00	114.69	-567.60	-194.09	-258.82	339.61
		224	7.62	-5.84	-97.63	-7.45	-96.02	-12.07	605.27	-26.79	536.75	41.73	196.50
26	68	226	6.23	-3.88	-91.11	-6.95	-88.04	-16.07	480.37	-62.37	388.74	29.27	203.32
		40	7.27	-22.71	-83.08	-22.94	-82.86	3.67	269.95	-458.43	-100.29	-88.19	364.14
		38	8.00	-18.06	-83.29	-19.06	-82.28	8.05	113.29	-569.46	-192.99	-263.19	339.57
		224	7.68	-6.41	-98.43	-7.75	-97.09	-11.02	606.80	-26.75	538.77	41.29	196.15
27	2	228	7.64	14.09	-108.35	-6.82	-87.43	-46.08	426.48	-111.12	312.69	2.67	219.60
		41	9.56	-34.78	-109.34	-39.97	-104.16	-18.96	451.97	-393.98	-69.84	127.82	411.27

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		40	9.09	-26.50	-108.69	-28.18	-107.00	-11.65	346.08	-546.21	-151.00	-49.13	443.23
		226	7.99	9.31	-108.17	-3.55	-95.31	-36.68	586.38	-62.35	476.08	47.95	243.70
27	13	228	6.28	20.84	-83.65	-4.85	-57.96	-45.00	322.71	-75.77	241.39	5.55	160.60
		41	7.82	-21.32	-88.80	-31.64	-78.48	-24.29	350.98	-281.78	-48.40	117.60	305.30
		40	7.49	-17.13	-86.05	-22.60	-80.58	-18.62	268.55	-401.02	-113.10	-19.37	331.49
		226	6.53	15.58	-82.10	-2.41	-64.11	-37.86	445.27	-41.43	365.27	38.57	180.38
27	45	228	6.33	21.79	-83.96	-4.82	-57.35	-45.89	322.42	-75.04	241.54	5.83	160.01
		41	7.87	-20.74	-89.41	-31.74	-78.41	-25.19	351.49	-280.17	-47.91	119.23	304.57
		40	7.54	-16.73	-86.49	-22.70	-80.51	-19.52	269.12	-399.65	-112.75	-17.79	330.99
		226	6.57	16.42	-82.29	-2.38	-63.50	-38.76	445.04	-41.00	365.29	38.75	180.01
28	2	230	7.68	17.54	-126.54	-23.95	-85.05	-65.24	249.22	-191.36	174.59	-116.72	165.26
		43	8.61	-49.43	-101.38	-60.05	-90.75	-20.95	472.34	-214.87	-19.74	277.22	309.87
		41	9.60	-33.65	-107.94	-39.51	-102.08	-20.03	451.79	-397.07	-71.09	125.81	412.85
		228	7.59	15.73	-104.90	-4.72	-84.45	-45.26	429.38	-108.60	312.81	7.97	221.64
28	13	230	6.27	24.22	-100.08	-18.89	-56.96	-59.16	183.53	-138.98	136.13	-91.58	114.19
		43	7.06	-31.12	-86.60	-48.14	-69.59	-25.58	371.10	-138.95	-7.67	239.83	222.99
		41	7.85	-20.84	-88.65	-31.50	-77.99	-24.69	353.60	-279.72	-48.53	122.40	304.91
		228	6.18	21.42	-81.28	-3.39	-56.47	-43.96	321.21	-78.41	240.63	2.16	160.34
28	45	230	6.31	25.17	-100.60	-18.96	-56.47	-60.02	182.85	-138.40	136.33	-91.88	113.05
		43	7.11	-30.48	-87.49	-48.34	-69.64	-26.44	371.72	-136.65	-6.86	241.93	221.66
		41	7.90	-20.31	-89.33	-31.62	-78.02	-25.55	354.20	-277.61	-47.87	124.46	303.93
		228	6.22	22.29	-81.63	-3.37	-55.96	-44.82	320.54	-78.02	240.71	1.81	159.51
29	3	336	7.63	-12.98	-144.07	-143.81	-13.24	-5.83	449.54	-183.79	-179.41	445.16	-52.49
		254	6.86	-19.25	-137.44	-136.79	-19.90	8.73	325.98	-207.96	-207.59	325.61	14.04
		256	6.04	-22.40	-138.09	-137.35	-23.14	9.25	230.28	-151.06	-148.01	227.23	33.95
		335	6.85	-15.31	-142.09	-141.02	-16.38	-11.63	332.40	-185.02	-139.93	287.31	-145.93
29	32	336	5.55	-7.04	-96.69	-95.78	-7.95	9.01	461.47	-69.35	-63.53	455.65	-55.28
		254	5.23	-8.47	-93.74	-91.42	-10.78	13.86	393.87	-82.67	-80.57	391.77	31.56
		256	4.30	-3.91	-69.95	-66.81	-7.05	14.04	404.32	-15.66	-10.83	399.49	44.78
		335	4.46	-4.04	-70.57	-70.11	-4.50	5.48	446.96	-28.92	-5.60	423.64	-102.72
29	64	336	5.58	-5.96	-96.76	-95.70	-7.02	9.77	462.31	-69.38	-63.42	456.35	-56.01
		254	5.27	-7.15	-93.85	-91.31	-9.69	14.63	395.14	-82.70	-80.37	392.81	33.29
		256	4.33	-2.26	-69.01	-65.55	-5.72	14.80	406.16	-14.42	-9.14	400.88	46.83
		335	4.45	-2.75	-69.49	-68.90	-3.33	6.24	448.38	-27.70	-4.00	424.68	-103.56
30	2	45	13.93	-58.10	-96.62	-72.72	-82.00	-18.69	1288.20	224.48	225.26	1287.43	28.78
		44	15.19	-37.48	-113.00	-76.39	-74.08	37.74	1462.76	263.57	263.80	1462.53	16.62
		31	10.75	-51.54	-90.82	-58.12	-84.25	14.67	921.86	116.27	134.59	903.54	120.08
		36	9.96	-43.80	-92.93	-49.56	-87.17	15.81	815.69	61.09	99.11	777.67	165.06
30	30	45	11.33	-49.63	-74.87	-57.59	-66.90	-11.73	1042.82	160.76	161.66	1041.92	28.18
		44	12.24	-27.81	-89.83	-59.84	-57.80	30.99	1185.79	216.28	216.56	1185.52	16.41
		31	8.88	-38.39	-72.36	-45.25	-65.49	13.64	770.82	75.16	90.38	755.60	101.78
		36	8.31	-33.90	-76.35	-39.44	-70.81	14.30	681.19	29.89	61.02	650.05	138.95
30	62	45	11.33	-50.07	-74.99	-57.76	-67.30	-11.51	1041.00	160.63	161.55	1040.09	28.36
		44	12.22	-27.69	-90.15	-59.95	-57.88	31.21	1183.69	216.26	216.54	1183.41	16.38
		31	8.86	-38.28	-72.60	-45.32	-65.56	13.86	768.96	74.50	89.90	753.56	102.26
		36	8.31	-33.92	-76.84	-39.57	-71.19	14.51	679.82	28.63	60.09	648.36	139.62
31	2	46	8.17	-15.74	-120.15	-66.95	-68.94	-52.20	545.61	82.24	86.66	541.19	45.03
		45	13.79	-29.28	-100.86	-64.97	-65.18	35.79	1334.59	231.62	232.51	1333.70	31.25
		36	9.54	-45.60	-88.87	-59.55	-74.93	20.22	836.20	61.18	100.36	797.02	169.80
		43	8.92	-27.08	-97.06	-50.04	-74.10	-32.86	501.31	-160.25	22.56	318.51	295.84
31	32	46	5.55	-20.64	-79.19	-50.29	-49.55	-29.27	358.94	11.28	23.26	346.96	63.41
		45	11.40	-14.39	-89.76	-50.27	-53.88	37.64	1081.74	140.85	142.43	1080.17	38.47
		36	8.04	-27.56	-81.37	-47.34	-61.59	25.94	702.23	-1.83	31.69	668.72	149.92
		43	6.34	-29.82	-62.87	-38.78	-53.90	-14.70	350.06	-212.19	-35.81	173.68	260.88
31	64	46	5.50	-21.44	-78.06	-50.19	-49.31	-28.31	354.91	6.41	19.39	341.94	65.97
		45	11.41	-13.61	-90.92	-50.29	-54.24	38.61	1080.55	137.86	139.53	1078.88	39.64
		36	8.05	-26.87	-82.60	-47.49	-61.97	26.91	701.71	-6.18	27.84	667.68	151.41
		43	6.30	-30.63	-61.87	-38.81	-53.69	-13.73	347.66	-219.85	-40.63	168.44	263.79
32	1	69	9.69	10.14	-215.02	-117.20	-87.68	-111.61	35.70	-307.20	35.59	-307.10	-6.09
		46	5.37	-45.19	-74.91	-63.06	-57.04	14.55	420.25	15.23	28.86	406.62	73.05
		43	9.27	-50.96	-104.67	-68.70	-86.93	-25.26	523.99	-223.77	-11.88	312.09	336.97
		230	7.42	28.80	-116.17	-9.16	-78.21	-63.74	236.52	-223.66	164.61	-151.75	167.09
32	25	69	7.84	25.35	-173.72	-93.54	-54.83	-97.64	54.55	-88.05	49.88	-83.37	-25.39
		46	4.94	-48.18	-55.71	-55.26	-48.63	1.78	391.37	27.09	29.32	389.15	28.38
		43	7.67	-31.13	-92.97	-53.28	-70.82	-29.65	422.01	-125.77	-16.24	312.48	219.09
		230	6.15	38.66	-89.30	-4.41	-46.22	-60.47	206.90	-8.99	147.74	50.16	96.29
32	57	69	7.90	27.09	-174.25	-93.82	-53.34	-98.61	58.07	-73.58	52.19	-67.70	-27.20
		46	5.01	-48.93	-55.99	-55.90	-49.02	0.81	396.69	27.44	29.27	394.86	25.94
		43	7.72	-30.30	-94.08	-53.30	-71.08	-30.62	423.78	-121.23	-15.49	318.04	215.52
		230	6.19	40.34	-89.07	-4.09	-44.64	-61.44	209.92	5.29	149.48	65.73	93.35
33	3	337	7.40	-9.52	-139.48	-139.40	-9.59	3.07	416.63	-186.53	-178.28	408.38	70.06
		255	6.74	-13.81	-133.85	-133.48	-14.18	6.64	296.00	-212.03	-211.79	295.76	-11.08
		254	6.97	-13.63	-136.38	-135.81	-14.20	8.33	329.47	-208.73	-208.43	329.18	12.64

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		336	7.76	-6.46	-142.67	-142.49	-6.63	-4.85	451.18	-183.64	-180.15	447.68	-46.96
33	9	337	5.44	-15.85	-105.76	-104.65	-16.96	-9.94	391.52	-93.03	-92.48	390.97	16.28
		255	4.90	-23.67	-104.05	-102.62	-25.11	-10.65	298.51	-112.24	-111.90	298.17	-11.80
		254	4.86	-21.75	-94.52	-93.16	-23.11	-9.86	379.06	-88.45	-88.42	379.03	-3.84
		336	5.74	-10.88	-98.47	-96.21	-13.14	-13.88	477.98	-75.90	-70.61	472.70	-53.84
33	41	337	5.46	-15.44	-105.85	-104.40	-16.89	-11.36	395.92	-92.56	-92.04	395.41	15.81
		255	4.91	-23.57	-104.27	-102.42	-25.42	-12.08	300.26	-111.88	-111.48	299.86	-12.74
		254	4.87	-21.72	-95.05	-93.27	-23.50	-11.28	380.71	-88.46	-88.40	380.65	-5.37
		336	5.78	-10.41	-98.97	-96.24	-13.14	-15.31	482.47	-75.97	-70.55	477.04	-54.76
34	3	281	11.72	105.37	13.88	100.37	18.89	-20.80	341.92	-688.54	239.07	-585.69	-308.88
		37	16.67	65.94	36.22	37.50	64.67	6.02	-290.85	-1660.03	-329.56	-1621.32	226.94
		86	12.37	59.50	-115.78	-113.12	56.84	21.41	767.66	-137.18	134.53	495.95	414.76
		238	39.43	-8.83	-134.26	-133.97	-9.12	5.99	3877.76	563.04	3445.65	995.15	-1116.06
34	33	281	7.10	64.42	9.01	62.48	10.95	-10.19	223.71	-397.47	181.56	-355.32	-156.23
		37	9.52	45.52	29.23	34.13	40.62	7.47	-133.41	-949.25	-178.49	-904.18	186.38
		86	9.18	42.73	-75.57	-75.42	42.58	4.20	334.89	-416.08	-219.17	137.98	330.31
		238	28.30	-15.57	-105.58	-105.01	-16.14	-7.13	2807.17	482.08	2591.83	697.42	-674.01
34	65	281	7.07	63.60	9.02	61.82	10.79	-9.68	223.27	-398.23	181.37	-356.33	-155.83
		37	9.54	45.89	28.37	33.51	40.75	7.98	-132.35	-950.82	-178.15	-905.03	188.11
		86	9.22	42.92	-76.02	-75.84	42.73	4.71	337.65	-415.16	-215.74	138.23	332.20
		238	28.36	-15.62	-105.97	-105.48	-16.11	-6.63	2809.83	482.43	2595.19	697.07	-673.42
35	2	240	6.29	31.11	-69.18	-57.53	19.47	32.13	87.09	-253.36	61.68	-227.95	-89.47
		297	7.30	21.83	-49.75	-48.15	20.23	-10.58	-198.38	-767.99	-310.97	-655.41	-226.83
		46	13.60	8.84	-53.05	-46.14	1.93	-19.50	1515.62	436.09	437.85	1513.86	43.55
		69	13.22	85.57	-105.58	-103.40	83.39	-20.29	644.84	-130.60	-127.10	641.35	-51.93
35	22	240	3.49	19.37	-30.57	-27.59	16.39	11.83	76.77	-135.54	58.04	-116.81	-60.22
		297	5.11	26.25	-29.65	-20.24	16.84	-20.92	-139.25	-512.49	-215.76	-435.98	-150.68
		46	10.77	16.04	-48.27	-32.21	-0.02	-27.84	1227.47	385.39	389.52	1223.33	58.86
		69	10.33	66.94	-82.21	-76.60	61.34	-28.36	554.85	-52.96	-51.45	553.33	-30.29
35	54	240	3.37	19.02	-28.56	-26.05	16.50	10.64	78.28	-130.21	59.55	-111.48	-59.62
		297	5.11	27.53	-29.26	-18.68	16.95	-22.11	-138.50	-506.02	-214.11	-430.41	-148.57
		46	10.81	17.05	-49.10	-31.89	-0.17	-29.02	1234.02	390.06	394.50	1229.58	61.08
		69	10.35	67.19	-82.39	-76.31	61.11	-29.54	560.78	-47.99	-46.56	559.34	-29.54
36	2	67	4.61	28.19	-11.06	25.56	-8.43	9.82	284.22	-90.97	222.48	-29.24	139.11
		16	5.02	-0.75	-36.44	-31.88	-5.32	-11.92	20.62	-438.03	-165.37	-252.05	225.19
		297	6.69	17.03	-36.72	-36.29	16.60	-4.78	-356.76	-736.50	-398.06	-695.20	-118.22
		240	5.45	24.02	-68.27	-59.06	14.81	27.65	281.51	13.94	278.20	17.25	29.57
36	21	67	3.23	7.86	-24.54	-7.22	-9.46	16.16	218.65	-52.23	176.63	-10.21	98.06
		16	3.81	-4.59	-50.87	-50.87	-4.59	-0.51	7.26	-315.13	-121.67	-186.20	157.93
		297	5.49	15.19	-45.67	-45.26	14.77	5.02	-264.95	-561.19	-310.32	-515.82	-106.69
		240	4.90	21.34	-73.79	-63.19	10.74	29.93	199.36	21.77	198.24	22.90	14.08
36	53	67	3.22	7.27	-26.66	-9.67	-9.72	16.97	218.81	-50.63	177.23	-9.04	97.34
		16	3.89	-4.64	-53.28	-53.28	-4.64	0.30	6.43	-313.49	-121.19	-185.87	156.65
		297	5.54	15.50	-47.39	-46.85	14.96	5.82	-264.34	-562.13	-310.68	-515.79	-107.95
		240	4.98	21.62	-75.75	-64.83	10.69	30.74	198.80	22.86	197.80	23.86	13.26
37	3	287	45.98	-31.71	-69.70	-31.73	-69.68	-0.71	6972.13	6289.38	6972.13	6289.38	1.25
		285	34.03	-20.66	-76.66	-31.43	-65.89	-22.07	5737.63	3038.69	4442.33	4333.99	-1348.38
		121	33.05	-19.94	-73.19	-29.63	-63.50	-20.54	5526.42	1687.83	3785.39	3428.86	-1911.00
		85	38.26	-30.31	-66.79	-30.50	-66.59	-2.67	5960.05	4939.91	5943.94	4956.03	-127.19
37	18	287	31.88	-5.87	-68.03	-13.78	-60.12	-20.72	4756.22	4432.81	4754.81	4434.22	-21.31
		285	23.10	5.88	-73.31	-17.74	-49.69	-36.23	3954.95	2200.60	3097.66	3057.89	-876.95
		121	23.42	3.74	-70.02	-17.51	-48.77	-33.41	3893.12	1320.24	2676.31	2537.05	-1284.56
		85	27.20	-7.11	-67.57	-16.66	-58.01	-22.05	4143.24	3630.21	4117.38	3656.06	-112.23
37	50	287	31.96	-5.91	-67.94	-14.06	-59.78	-20.96	4769.37	4442.29	4767.85	4443.81	-22.24
		285	23.16	5.99	-73.39	-18.04	-49.36	-36.47	3967.53	2206.85	3110.24	3064.13	-880.04
		121	23.50	3.86	-70.10	-17.79	-48.44	-33.65	3905.08	1325.06	2687.19	2542.96	-1287.99
		85	27.27	-7.13	-67.51	-16.97	-57.67	-22.30	4156.16	3639.03	4129.91	3665.29	-113.53
38	3	85	38.25	-29.60	-63.59	-29.81	-63.38	-2.66	5953.00	4967.64	5941.88	4978.76	-104.09
		121	33.18	-18.89	-70.64	-29.10	-60.44	-20.59	5549.47	1666.84	3780.95	3435.37	-1933.61
		125	33.51	-17.92	-68.28	-27.71	-58.49	-19.93	5023.35	115.67	2897.46	2241.56	-2431.83
		241	28.48	-27.45	-61.30	-27.84	-60.91	-3.62	4585.17	3288.07	4576.58	3296.66	-105.20
38	30	85	26.73	4.81	-78.49	-14.22	-59.46	-34.97	4056.11	3582.90	4031.81	3607.21	-104.45
		121	23.57	18.70	-80.83	-14.08	-48.05	-46.77	3799.48	1241.26	2564.17	2476.57	-1278.36
		125	24.55	17.23	-79.90	-14.69	-47.98	-45.62	3496.26	188.14	2015.44	1668.96	-1644.97
		241	20.10	3.96	-78.18	-16.55	-57.68	-35.55	3149.27	2456.74	3129.79	2476.22	-114.51
38	62	85	26.76	5.91	-79.74	-14.38	-59.44	-36.42	4061.25	3585.56	4036.34	3610.47	-105.96
		121	23.66	20.13	-82.05	-14.07	-47.85	-48.22	3801.65	1239.65	2564.88	2476.42	-1280.24
		125	24.66	18.66	-81.12	-14.68	-47.79	-47.06	3500.35	187.49	2019.02	1668.81	-1647.15
		241	20.13	5.09	-79.47	-16.72	-57.66	-36.99	3153.63	2459.31	3133.54	2479.39	-116.36
39	3	241	28.47	-26.79	-58.13	-27.20	-57.73	-3.56	4583.83	3309.69	4573.18	3320.34	-116.01
		125	33.45	-16.68	-65.76	-27.09	-55.36	-20.06	5020.77	132.68	2892.74	2260.71	-2423.53
		17	33.61	-16.09	-63.18	-26.28	-52.99	-19.39	4031.92	-1431.56	1849.43	750.92	-2675.95
		235	17.76	-24.12	-56.62	-24.55	-56.19	-3.71	2955.00	1193.62	2946.76	1201.86	-120.18

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
39	30	241	20.08	4.29	-74.41	-16.09	-54.03	-34.48	3149.80	2473.85	3126.14	2497.52	-124.24
		125	24.52	17.24	-77.43	-14.28	-45.91	-44.62	3500.63	195.26	2010.68	1685.21	-1644.65
		17	24.92	16.23	-77.84	-15.76	-45.85	-44.57	2812.43	-943.18	1284.10	585.15	-1845.00
		235	12.21	4.49	-73.82	-16.41	-52.92	-34.64	2037.40	956.30	2020.12	973.58	-135.58
39	62	241	20.11	5.35	-75.61	-16.27	-53.98	-35.82	3154.20	2476.73	3129.79	2501.14	-126.27
		125	24.62	18.57	-78.59	-14.27	-45.75	-45.96	3505.27	194.23	2014.14	1685.36	-1647.33
		17	25.04	17.57	-79.01	-15.75	-45.69	-45.91	2816.99	-945.07	1286.64	585.27	-1848.05
		235	12.23	5.69	-74.98	-16.41	-52.88	-35.98	2040.86	959.20	2022.95	977.10	-138.01
40	3	235	17.69	-23.31	-53.50	-23.77	-53.05	-3.67	2946.33	1225.85	2936.73	1235.44	-128.13
		17	33.72	-15.03	-60.62	-25.89	-49.76	-19.42	4050.28	-1430.77	1842.96	776.54	-2688.16
		84	32.91	-14.29	-57.25	-24.33	-47.20	-18.18	2501.59	-2969.02	710.67	-1178.10	-2567.11
		219	16.32	-20.93	-52.73	-21.25	-52.42	-3.14	1167.84	-1473.37	1161.48	-1467.01	-129.48
40	26	235	12.22	4.11	-70.74	-16.14	-50.49	-33.25	2042.70	989.54	2022.13	1010.11	-145.73
		17	25.07	15.06	-75.24	-15.93	-44.25	-42.87	2851.30	-943.75	1285.71	621.83	-1868.27
		84	24.94	15.73	-77.59	-17.53	-44.33	-44.69	1726.28	-2108.75	474.31	-856.77	-1798.31
		219	11.94	0.95	-69.83	-19.12	-49.75	-31.90	803.65	-1011.99	789.52	-997.86	-159.58
40	58	235	12.25	5.18	-71.79	-16.18	-50.43	-34.47	2047.23	993.11	2025.85	1014.48	-148.57
		17	25.19	16.24	-76.32	-15.97	-44.11	-44.09	2858.20	-945.92	1288.91	623.36	-1872.72
		84	25.05	16.93	-78.67	-17.57	-44.17	-45.91	1732.59	-2111.57	476.15	-855.13	-1803.14
		219	11.95	2.03	-70.90	-19.17	-49.70	-33.12	806.62	-1007.80	791.89	-993.08	-162.81
41	3	289	33.82	-35.95	-69.76	-39.03	-66.68	9.74	5631.39	2912.52	4289.72	4254.19	1359.31
		287	45.97	-28.09	-72.91	-31.83	-69.16	-12.40	6967.70	6288.60	6967.39	6288.91	14.59
		85	38.30	-26.41	-70.26	-30.58	-66.09	-12.87	5962.80	4933.07	5939.82	4956.05	152.09
		220	33.32	-34.97	-65.08	-36.28	-63.78	6.13	5446.00	1578.11	3656.19	3367.92	1928.57
41	18	289	24.10	-13.20	-63.35	-17.23	-59.32	-13.63	3898.50	2226.92	3071.21	3054.22	835.74
		287	31.94	4.17	-79.04	-14.27	-60.60	-34.55	4755.76	4433.44	4755.71	4433.50	-4.09
		85	27.27	2.78	-75.39	-15.47	-57.15	-33.07	4120.83	3640.47	4106.04	3655.26	82.97
		220	24.23	-14.14	-65.14	-21.83	-57.45	-18.25	3852.28	1365.28	2670.50	2547.06	1241.97
41	50	289	24.19	-13.14	-63.56	-17.54	-59.16	-14.23	3910.81	2234.52	3084.17	3061.15	838.07
		287	32.02	4.54	-79.34	-14.54	-60.26	-35.16	4769.22	4442.89	4769.18	4442.92	-3.43
		85	27.34	3.17	-75.72	-15.74	-56.81	-33.67	4132.96	3649.34	4117.93	3664.37	83.92
		220	24.32	-13.94	-65.49	-22.15	-57.29	-18.86	3864.02	1371.56	2681.90	2553.69	1244.58
42	3	220	33.45	-34.31	-62.16	-35.75	-60.72	6.16	5469.08	1557.43	3651.99	3374.51	1950.90
		85	38.28	-25.44	-67.32	-29.88	-62.87	-12.90	5955.05	4961.95	5937.87	4979.13	129.50
		241	28.54	-22.76	-65.58	-27.86	-60.49	-13.86	4587.65	3283.03	4573.41	3297.27	135.55
		221	33.59	-32.00	-58.51	-32.55	-57.96	3.75	4975.76	36.15	2801.59	2210.32	2452.05
42	14	220	24.22	-13.76	-62.54	-20.81	-55.50	-17.15	3858.57	1338.80	2663.62	2533.74	1258.21
		85	27.18	2.47	-74.23	-16.04	-55.72	-32.82	4110.19	3631.22	4098.86	3642.55	72.81
		241	20.58	1.88	-73.91	-18.15	-53.88	-33.41	3194.48	2500.93	3186.21	2509.20	75.29
		221	24.31	-13.39	-62.62	-22.94	-53.07	-19.47	3542.39	285.62	2082.70	1745.31	1619.62
42	46	220	24.31	-13.65	-62.92	-21.15	-55.42	-17.71	3869.94	1343.49	2674.66	2538.77	1261.40
		85	27.25	2.76	-74.61	-16.36	-55.49	-33.37	4121.70	3637.59	4110.21	3649.08	73.70
		241	20.64	2.19	-74.31	-18.47	-53.65	-33.97	3204.03	2506.87	3195.56	2515.33	76.37
		221	24.40	-13.21	-63.07	-23.29	-53.00	-20.02	3552.81	288.88	2091.74	1749.94	1622.99
43	3	221	33.50	-31.30	-55.45	-31.94	-54.82	3.86	4973.57	52.87	2797.20	2229.23	2443.91
		241	28.54	-21.74	-62.77	-27.20	-57.31	-13.94	4586.92	3303.86	4569.97	3320.81	146.49
		235	17.89	-18.59	-61.83	-24.48	-55.93	-14.84	2956.63	1189.66	2944.09	1202.20	148.33
		222	32.95	-28.15	-51.71	-28.32	-51.54	2.01	4020.39	-1466.58	1793.35	760.46	2694.44
43	14	221	24.24	-12.89	-60.66	-22.51	-51.04	-19.15	3537.44	285.70	2076.99	1746.14	1617.43
		241	20.53	2.18	-72.59	-17.88	-52.54	-33.12	3189.62	2495.77	3179.64	2505.75	82.60
		235	12.86	1.75	-73.74	-20.48	-51.50	-34.41	2065.64	974.16	2060.11	979.68	77.44
		222	23.69	-13.07	-60.45	-24.87	-48.64	-20.50	2860.13	-817.48	1362.37	680.29	1806.90
43	46	221	24.33	-12.75	-61.13	-22.87	-51.01	-19.68	3547.53	287.89	2085.79	1749.62	1621.13
		241	20.59	2.42	-73.06	-18.22	-52.42	-33.65	3198.74	2499.75	3188.59	2509.90	83.61
		235	12.91	2.00	-74.25	-20.85	-51.40	-34.93	2072.44	977.70	2066.78	983.36	78.54
		222	23.78	-12.94	-61.01	-25.31	-48.64	-21.02	2868.95	-816.76	1368.89	683.30	1810.69
44	3	222	33.07	-27.71	-48.47	-27.90	-48.27	1.99	4039.12	-1466.20	1787.50	785.42	2706.68
		235	17.82	-17.44	-59.07	-23.70	-52.80	-14.89	2948.18	1221.41	2933.88	1235.70	156.46
		219	16.24	-14.90	-58.64	-21.18	-52.36	-15.34	1167.69	-1474.85	1159.67	-1466.83	145.31
		223	31.88	-22.54	-44.94	-22.55	-44.92	0.56	2523.38	-2938.22	696.23	-1111.07	2576.95
44	14	222	23.77	-11.89	-58.10	-23.98	-46.00	-20.32	2870.61	-824.99	1355.85	689.77	1817.54
		235	12.78	2.12	-71.88	-20.04	-49.73	-33.89	2054.97	958.79	2048.86	964.91	81.64
		219	11.56	1.88	-75.77	-24.70	-49.19	-36.84	807.38	-1033.00	804.90	-1030.51	67.55
		223	22.24	-14.44	-57.07	-26.52	-44.99	-19.21	1761.00	-1939.21	557.96	-736.18	1733.26
44	46	222	23.86	-11.76	-58.67	-24.38	-46.05	-20.80	2878.98	-825.42	1362.16	691.41	1821.58
		235	12.83	2.30	-72.43	-20.42	-49.71	-34.38	2061.36	960.75	2055.12	966.98	82.63
		219	11.55	1.98	-76.42	-25.23	-49.21	-37.33	811.17	-1030.38	808.61	-1027.83	68.52
		223	22.32	-14.37	-57.62	-27.06	-44.93	-19.69	1767.94	-1940.43	561.72	-734.22	1737.28
45	1	26	14.30	4.61	-25.74	-4.90	-16.24	-14.08	1817.04	-383.03	-282.98	1716.99	458.37
		27	14.37	13.66	-30.35	-23.87	7.19	15.59	2117.40	64.54	93.67	2088.27	-242.81
		150	14.90	66.38	-46.57	-25.85	45.65	-43.72	1481.10	-450.38	-83.28	1114.00	-757.82
		99	17.53	-49.68	-164.46	-158.29	-55.85	-25.89	1877.83	-666.41	-655.25	1866.68	168.10
45	31	26	9.99	-11.33	-58.29	-53.20	-16.42	-14.60	1303.76	-270.42	-183.09	1216.43	360.35

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		27	11.14	1.79	-70.52	-69.00	0.27	10.38	1551.04	92.97	115.53	1528.49	-179.94
		150	11.40	50.76	-60.08	-46.63	37.31	-36.19	1077.45	-311.11	-18.49	784.83	-566.30
		99	13.68	-31.73	-154.38	-149.87	-36.24	-23.08	1342.82	-480.54	-469.20	1331.49	143.33
45	63	26	10.04	-11.74	-62.70	-57.91	-16.53	-14.86	1298.21	-267.74	-179.48	1209.94	361.15
		27	11.19	1.30	-75.10	-73.73	-0.07	10.12	1548.05	97.50	120.00	1525.55	-179.26
		150	11.41	50.75	-62.39	-49.09	37.44	-36.45	1074.57	-306.68	-13.96	781.85	-564.48
		99	13.72	-30.97	-156.78	-152.29	-35.46	-23.34	1336.65	-477.25	-465.55	1324.96	145.18
46	1	27	13.26	25.76	-39.39	-15.98	2.35	-31.26	1974.98	170.73	178.17	1967.54	-115.62
		28	13.08	30.37	5.83	29.00	7.20	-5.64	2017.41	152.74	196.54	1973.60	-282.42
		156	14.57	55.34	-47.66	-5.58	13.25	-50.63	1362.78	-632.54	-153.30	883.54	-852.38
		150	11.52	28.14	-57.83	-37.66	7.97	-36.43	1230.96	-291.43	-75.15	1014.67	-531.50
46	5	27	10.07	23.22	-49.55	-31.15	4.82	-31.63	1415.78	126.68	134.42	1408.03	-99.61
		28	9.82	13.07	-8.70	1.87	2.50	-10.88	1493.23	121.66	161.59	1453.31	-230.58
		156	11.63	42.81	-53.07	-18.37	8.11	-46.08	1023.82	-499.99	-98.90	622.73	-671.05
		150	9.12	27.55	-59.88	-42.42	10.08	-34.96	876.27	-242.69	-48.80	682.38	-423.51
46	37	27	10.08	23.60	-51.41	-32.95	5.14	-32.31	1408.91	126.55	134.48	1400.98	-100.55
		28	9.84	12.79	-10.46	-0.03	2.36	-11.56	1490.43	122.42	162.80	1450.05	-231.55
		156	11.67	42.98	-54.58	-19.68	8.09	-46.76	1022.97	-500.32	-96.95	619.60	-672.11
		150	9.15	28.19	-61.31	-43.63	10.50	-35.64	871.49	-243.91	-47.89	675.47	-424.52
47	2	28	13.50	63.58	-23.67	32.09	7.82	-41.91	2012.79	164.17	197.65	1979.32	-246.50
		29	13.63	103.70	36.77	103.47	37.00	-3.90	1872.36	-104.79	-38.48	1806.05	-355.95
		160	18.09	58.75	-38.09	-4.37	25.03	-46.14	1396.41	-1252.02	-473.17	617.55	-1206.70
		156	14.55	52.67	-45.30	-6.31	13.68	-47.95	1353.70	-660.30	-151.62	845.02	-875.06
47	23	28	10.52	44.42	-40.01	-1.15	5.56	-42.08	1517.82	158.73	174.70	1501.85	-146.47
		29	10.26	59.41	22.11	53.85	27.67	-13.29	1462.70	-38.24	-1.66	1426.11	-231.46
		160	14.26	51.05	-48.41	-18.76	21.40	-45.50	1069.41	-900.39	-340.02	509.04	-888.71
		156	11.21	45.94	-53.65	-20.19	12.49	-47.04	979.19	-450.92	-97.60	625.87	-616.81
47	55	28	10.55	44.26	-42.23	-3.53	5.56	-43.00	1516.82	160.96	176.14	1501.63	-142.68
		29	10.29	58.10	21.00	51.47	27.63	-14.21	1462.95	-34.84	0.65	1427.46	-227.81
		160	14.29	51.52	-50.23	-20.18	21.48	-46.42	1067.83	-895.69	-338.09	510.23	-885.40
		156	11.22	46.37	-55.44	-21.62	12.55	-47.96	975.11	-446.06	-96.59	625.63	-611.99
48	2	29	13.62	135.50	12.06	104.27	43.30	-53.67	1787.17	-26.10	58.29	1702.79	-381.95
		6	8.23	144.34	12.25	133.63	22.97	36.06	560.30	-187.22	-150.46	523.54	-161.64
		164	14.87	-8.59	-33.61	-15.43	-26.77	-11.15	977.00	-1481.59	-711.86	207.27	-1140.16
		160	20.84	55.30	-19.77	-2.55	38.08	-31.56	1614.88	-1629.12	-496.27	482.03	-1546.49
48	31	29	10.82	105.48	5.51	74.09	36.90	-46.40	1395.72	-20.73	32.51	1342.49	-269.38
		6	6.15	101.95	10.93	96.11	16.78	22.31	446.48	-154.54	-131.97	423.91	-114.26
		164	11.77	-4.75	-32.44	-17.71	-19.47	-13.82	741.96	-1143.97	-579.61	177.60	-863.62
		160	16.31	48.68	-22.88	-7.19	32.99	-29.61	1233.20	-1243.65	-410.57	400.13	-1170.21
48	63	29	10.84	105.61	5.04	73.52	37.13	-46.88	1396.25	-20.96	31.40	1343.89	-267.33
		6	6.14	101.13	11.07	95.49	16.72	21.83	447.92	-155.54	-133.38	425.76	-113.49
		164	11.80	-4.50	-33.12	-18.25	-19.37	-14.30	741.32	-1144.54	-582.38	179.17	-862.63
		160	16.34	49.17	-23.60	-7.67	33.25	-30.09	1231.76	-1243.75	-413.22	401.24	-1168.84
49	2	74	11.86	12.00	-191.07	-149.41	-29.66	-82.00	1143.46	94.46	1110.00	127.92	-184.34
		75	14.08	-64.60	-147.93	-147.86	-64.67	-2.36	687.97	-1450.43	-372.87	-389.58	-1069.17
		76	13.58	-52.35	-239.34	-204.94	-86.74	-72.45	1808.21	355.34	409.21	1754.34	-274.52
		66	5.50	-31.17	-133.82	-122.08	-42.91	32.67	332.57	8.54	103.17	237.93	-147.34
49	34	74	10.05	9.51	-184.74	-134.96	-40.27	-84.81	954.13	105.89	914.26	145.76	-179.52
		75	12.67	-62.84	-142.75	-135.08	-70.51	-23.53	691.20	-1077.87	-211.45	-175.22	-884.35
		76	11.99	-48.30	-233.01	-191.29	-90.02	-77.23	1522.23	300.95	356.01	1467.17	-253.39
		66	4.69	-52.97	-127.16	-127.02	-53.11	3.20	312.05	19.42	106.89	224.59	-133.96
49	66	74	10.15	9.67	-188.31	-136.84	-41.81	-86.84	960.85	107.26	919.64	148.47	-182.99
		75	12.84	-63.36	-145.92	-137.05	-72.23	-25.56	704.46	-1075.86	-204.91	-166.49	-889.95
		76	12.13	-48.83	-237.58	-194.42	-91.98	-79.26	1531.77	303.10	359.57	1475.30	-257.28
		66	4.75	-54.87	-130.12	-130.10	-54.89	1.17	316.05	20.05	109.37	226.73	-135.87
50	2	77	20.26	30.44	-176.13	-154.72	9.03	-62.96	2307.05	171.12	2303.33	174.84	-89.04
		78	12.26	-37.45	-138.18	-136.53	-39.10	-12.79	-129.65	-1560.96	-667.81	-1022.80	-693.30
		75	13.09	-54.31	-158.14	-154.58	-57.87	-18.90	519.40	-1234.03	-401.00	-313.63	-875.62
		74	12.55	5.43	-168.86	-144.33	-19.10	-60.61	1270.43	45.62	1234.83	81.23	-205.77
50	34	77	16.38	23.34	-163.33	-129.89	-10.10	-71.57	1864.23	123.45	1856.71	130.97	-114.14
		78	11.20	-35.99	-130.06	-116.59	-49.46	-32.94	15.92	-1243.39	-430.45	-797.02	-602.39
		75	12.14	-50.01	-155.94	-140.29	-65.66	-37.59	486.92	-1003.40	-259.01	-257.47	-745.16
		74	10.52	2.57	-167.73	-131.38	-33.78	-69.77	1044.26	12.99	1001.19	56.06	-206.31
50	66	77	16.45	23.64	-166.09	-130.91	-11.54	-73.74	1872.24	123.40	1864.18	131.46	-118.41
		78	11.37	-36.03	-132.77	-117.67	-51.12	-35.10	26.97	-1246.20	-423.10	-796.13	-608.65
		75	12.33	-50.32	-159.46	-142.28	-67.50	-39.75	495.79	-1007.38	-254.41	-257.18	-751.59
		74	10.60	2.65	-171.35	-133.29	-35.41	-71.93	1050.62	11.82	1005.93	56.51	-210.77
51	1	79	22.54	38.65	-155.98	-150.30	32.98	-32.75	2674.05	290.58	2673.67	290.96	30.05
		80	7.75	-19.74	-119.22	-117.74	-21.23	-12.07	-464.25	-1079.05	-486.91	-1056.39	-115.82
		78	11.89	-29.28	-138.86	-136.62	-31.52	-15.51	-174.07	-1516.65	-657.75	-1032.97	-644.54
		77	20.50	35.69	-172.31	-154.67	18.05	-57.95	2336.15	193.07	2332.85	196.37	-84.05
51	34	79	18.12	28.49	-136.52	-121.69	13.67	-47.18	2160.58	239.82	2160.57	239.82	-2.63
		80	7.10	-22.10	-110.71	-97.84	-34.97	-31.23	-261.65	-905.03	-287.66	-879.03	-126.71

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		78	10.89	-30.87	-129.97	-116.45	-44.38	-34.01	-58.33	-1240.66	-435.00	-863.98	-550.88
		77	16.54	28.91	-156.93	-128.87	0.84	-66.54	1887.92	157.10	1881.17	163.85	-107.89
51	62	79	18.19	28.71	-138.27	-122.18	12.62	-49.27	2169.63	242.34	2169.63	242.35	-3.59
		80	7.22	-22.23	-112.98	-98.42	-36.79	-33.31	-254.20	-910.00	-280.13	-884.06	-127.80
		78	11.04	-31.23	-132.70	-117.62	-46.31	-36.09	-53.72	-1244.41	-428.82	-869.31	-553.11
		77	16.61	29.22	-159.50	-129.90	-0.38	-68.63	1895.62	158.65	1888.63	165.65	-110.01
52	2	81	18.53	33.88	-124.07	-124.04	33.85	1.91	2214.77	277.08	2209.31	282.54	102.67
		82	7.10	-21.41	-90.39	-90.28	-21.52	-2.65	166.71	-824.32	-63.15	-594.46	418.28
		80	7.65	-12.83	-115.90	-113.74	-14.99	-14.76	-466.66	-1107.43	-478.31	-1095.79	-85.60
		79	22.58	41.07	-155.37	-151.30	36.99	-28.01	2663.71	278.03	2663.35	278.39	29.47
52	34	81	14.66	24.74	-93.90	-90.78	21.62	-18.98	1785.68	222.43	1782.21	225.90	73.55
		82	6.68	-18.20	-76.63	-65.96	-28.87	-22.57	178.88	-685.97	20.26	-527.35	334.70
		80	6.74	-12.36	-106.56	-94.15	-24.76	-31.85	-271.90	-919.03	-281.04	-909.89	-76.40
		79	17.96	35.17	-125.95	-114.12	23.33	-42.03	2149.59	223.38	2149.59	223.38	1.61
52	66	81	14.70	25.21	-94.13	-90.35	21.43	-20.90	1793.01	223.17	1789.55	226.63	73.60
		82	6.79	-17.49	-78.10	-65.65	-29.95	-24.49	182.95	-690.23	26.28	-533.56	335.05
		80	6.84	-12.14	-108.56	-94.77	-25.93	-33.76	-264.43	-924.95	-273.57	-915.82	-77.14
		79	18.01	35.94	-126.81	-113.92	23.05	-43.94	2158.36	224.19	2158.36	224.19	-0.37
53	3	119	38.67	-67.99	-180.78	-180.75	-68.02	-1.79	5478.52	934.04	5172.89	1239.67	-1138.20
		218	13.02	56.41	-210.77	-186.19	31.83	77.22	1169.08	1042.75	1166.16	1045.67	-18.99
		260	13.57	38.92	-189.50	-187.77	37.19	19.79	1405.37	1339.02	1399.96	1344.43	-18.16
		284	44.86	-65.00	-268.56	-250.70	-82.86	57.59	6089.27	1350.56	5980.10	1459.73	-710.90
53	26	119	27.32	-30.55	-140.23	-135.12	-35.67	23.13	3728.16	613.59	3497.28	844.48	-815.96
		218	10.66	57.62	-168.62	-137.50	26.50	77.92	901.98	609.64	820.33	691.29	-131.16
		260	10.31	39.40	-144.45	-136.13	31.08	38.20	1073.93	784.66	976.26	882.33	-136.79
		284	30.79	-16.64	-201.55	-173.33	-44.85	66.49	4068.46	879.61	3980.58	967.49	-522.03
53	58	119	27.42	-29.56	-141.21	-135.66	-35.12	24.27	3735.71	613.06	3503.32	845.45	-819.56
		218	10.77	59.05	-169.71	-137.99	27.33	79.06	908.65	605.57	825.71	688.51	-135.12
		260	10.40	40.66	-145.29	-136.55	31.92	39.34	1080.63	780.49	981.62	879.50	-141.11
		284	30.88	-15.41	-202.69	-173.81	-44.29	67.63	4075.57	878.86	3986.52	967.91	-526.06
54	3	84	44.37	-19.55	-51.10	-22.74	-47.91	-9.51	3688.94	-3867.98	791.23	-970.27	-3674.37
		83	28.26	-18.37	-56.17	-38.18	-36.36	-18.88	1124.42	-3347.54	-1533.33	-689.79	-2195.84
		7	8.25	-47.70	-54.35	-54.26	-47.79	-0.77	-66.68	-1101.13	-694.69	-473.11	-505.22
		236	29.10	-10.94	-46.62	-12.53	-45.03	-7.35	-23.40	-4171.14	-336.93	-3857.61	-1096.43
54	14	84	31.89	-5.33	-58.18	-16.29	-47.22	-21.43	2521.49	-2746.46	514.73	-739.70	-2558.21
		83	20.92	-1.35	-51.61	-33.54	-19.42	-24.12	790.28	-2414.99	-1106.51	-518.20	-1575.41
		7	6.62	-19.72	-50.10	-39.02	-30.81	-14.63	-85.39	-821.81	-532.12	-375.08	-359.74
		236	22.56	-10.82	-56.83	-16.86	-50.79	-15.54	-73.81	-3165.30	-304.82	-2934.29	-812.91
54	46	84	31.94	-5.45	-58.36	-16.59	-47.21	-21.57	2523.94	-2753.23	512.53	-741.82	-2562.96
		83	20.98	-1.31	-51.95	-33.85	-19.41	-24.27	793.38	-2419.79	-1108.26	-518.15	-1579.26
		7	6.66	-19.66	-50.42	-39.32	-30.76	-14.77	-82.29	-825.84	-533.25	-374.89	-363.24
		236	22.59	-10.98	-56.93	-17.16	-50.74	-15.68	-72.92	-3169.53	-306.21	-2936.24	-817.31
55	3	219	14.76	-19.60	-49.48	-19.92	-49.16	-3.09	1058.51	-1325.23	1049.20	-1315.93	-148.66
		84	36.78	-13.81	-54.74	-24.62	-43.93	-18.04	2846.81	-3306.80	622.04	-1082.03	-2956.48
		236	29.10	-8.35	-52.68	-18.53	-42.50	-18.65	-234.43	-4260.59	-393.00	-4102.03	-783.12
		237	36.55	-20.15	-48.52	-20.18	-48.49	-0.91	-497.17	-5514.13	-498.76	-5512.54	-89.07
55	33	219	11.09	-19.59	-50.80	-20.69	-49.69	-5.76	694.83	-1032.00	685.60	-1022.76	-125.94
		84	25.42	-11.68	-52.87	-21.11	-43.44	-17.31	1856.48	-2323.07	395.81	-862.40	-1992.84
		236	22.38	-3.23	-64.16	-22.70	-44.68	-28.41	-261.83	-3238.18	-341.69	-3158.32	-480.95
		237	27.46	-27.23	-50.39	-28.05	-49.57	4.26	-400.62	-4116.32	-402.64	-4114.30	-86.54
55	54	219	11.00	5.08	-69.95	-17.62	-47.24	-34.47	734.80	-905.12	715.51	-885.83	-176.81
		84	27.53	16.96	-78.46	-18.16	-43.34	-46.01	1968.13	-2309.18	419.82	-760.87	-2055.56
		236	22.73	27.92	-89.17	-17.78	-43.47	-57.12	-222.41	-3164.45	-328.32	-3058.53	-548.07
		237	26.75	-7.60	-61.97	-22.90	-46.67	-24.45	-377.28	-3984.67	-382.88	-3979.07	-141.98
56	3	223	35.73	-22.51	-41.62	-22.51	-41.61	0.24	2870.32	-3275.26	611.12	-1016.06	2963.13
		219	14.67	-13.41	-55.75	-19.97	-49.19	-15.32	1057.91	-1328.05	1046.79	-1316.92	162.57
		237	36.52	-12.95	-56.07	-20.65	-48.37	-16.51	-495.91	-5513.39	-497.29	-5512.00	83.33
		238	27.84	-11.78	-40.04	-12.12	-39.70	3.06	-209.46	-4104.98	-372.82	-3941.62	780.81
56	33	223	23.96	-20.92	-44.35	-21.08	-44.18	-1.96	1890.93	-2224.72	435.68	-769.47	1967.62
		219	10.88	-9.79	-57.44	-18.17	-49.07	-18.13	670.49	-1024.71	666.86	-1021.07	78.39
		237	27.38	-2.62	-68.70	-23.04	-48.27	-30.54	-414.38	-4105.68	-416.34	-4103.72	85.13
		238	20.91	-16.78	-44.62	-20.91	-40.49	9.89	-188.98	-3049.03	-280.27	-2957.74	502.76
56	65	223	24.06	-21.07	-44.33	-21.10	-44.30	-0.82	1888.76	-2233.34	433.39	-777.97	1970.05
		219	10.92	-10.67	-56.63	-18.18	-49.12	-16.99	668.57	-1032.37	664.74	-1028.55	80.53
		237	27.42	-3.64	-67.64	-22.99	-48.28	-29.40	-416.44	-4113.31	-418.51	-4111.24	87.38
		238	20.99	-15.93	-45.51	-20.87	-40.58	11.03	-190.63	-3058.27	-282.61	-2966.29	505.28
57	3	271	26.67	-25.93	-51.23	-34.33	-42.83	11.91	1007.61	-3248.37	-1594.53	-646.23	2074.49
		223	43.93	-18.38	-45.75	-22.05	-42.09	-9.32	3704.56	-3834.47	774.73	-904.64	3674.81
		238	27.35	-1.47	-42.38	-4.86	-38.99	-11.29	8.99	-3978.05	-312.90	-3656.16	1086.19
		281	7.59	-39.46	-47.09	-41.42	-45.13	-3.33	-26.14	-1048.13	-683.73	-390.54	489.52
57	18	271	17.80	-26.53	-40.04	-28.81	-37.75	-5.06	767.19	-2190.65	-1039.56	-383.90	1442.12
		223	30.99	2.50	-63.43	-20.97	-39.97	-31.57	2535.49	-2542.91	592.51	-599.92	2468.21
		238	19.53	9.45	-71.70	-21.58	-40.68	-39.44	27.63	-2869.95	-192.76	-2649.56	768.13

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		281	4.90	-25.92	-33.60	-30.03	-29.49	-3.83	-0.36	-674.33	-421.87	-252.82	326.21
57	50	271	17.84	-26.46	-40.44	-29.08	-37.83	-5.45	770.32	-2192.75	-1039.73	-382.70	1444.66
		223	31.06	2.77	-63.84	-21.17	-39.90	-31.96	2538.63	-2546.27	592.09	-599.74	2471.62
		238	19.56	9.66	-72.18	-21.88	-40.64	-39.83	29.69	-2871.25	-192.35	-2649.20	771.26
		281	4.91	-25.74	-34.22	-30.37	-29.58	-4.22	2.98	-675.51	-421.05	-251.47	328.47
58	3	281	10.52	144.88	20.95	143.04	22.79	-14.99	762.24	-417.85	-399.15	743.54	147.34
		37	13.79	93.18	2.85	48.13	47.90	45.17	1951.60	112.33	112.50	1951.44	-17.27
		272	7.63	82.60	-57.98	-28.32	52.94	57.36	679.94	-384.49	-263.08	558.52	-338.37
		271	17.32	-0.24	-27.03	-19.31	-7.96	12.13	741.45	-2013.24	-1304.92	33.13	1203.95
58	33	281	6.76	93.99	14.58	91.96	16.61	-12.53	485.93	-273.29	-242.31	454.95	150.20
		37	8.47	78.77	-19.12	40.13	19.52	47.85	1194.48	19.98	20.01	1194.44	-6.42
		272	5.04	57.59	-35.34	-7.35	29.59	42.64	405.19	-266.12	-214.59	353.67	-178.71
		271	11.93	-9.47	-29.03	-26.10	-12.40	6.98	546.57	-1345.83	-831.53	32.27	841.88
58	65	281	6.74	93.12	14.74	91.20	16.66	-12.11	488.10	-272.78	-241.22	456.54	151.72
		37	8.46	78.84	-19.68	39.41	19.75	48.27	1196.21	20.99	21.01	1196.19	-4.90
		272	5.04	57.99	-36.02	-7.89	29.86	43.05	406.04	-264.10	-213.44	355.38	-177.15
		271	11.98	-9.20	-29.82	-26.69	-12.33	7.40	549.51	-1345.92	-830.29	33.88	843.48
59	1	357	6.06	-20.57	-167.92	-167.06	-21.42	-11.20	-122.76	-433.19	-129.47	-426.48	-45.13
		232	6.38	-16.98	-145.11	-142.22	-19.87	19.03	-137.77	-616.72	-137.83	-616.66	5.30
		277	4.90	-13.18	-135.39	-132.81	-15.77	-17.59	2.49	-340.93	-60.29	-278.16	-132.73
		365	5.35	-18.72	-152.70	-152.35	-19.07	-6.84	-0.27	-285.29	-89.76	-195.80	-132.28
59	24	357	6.72	-14.41	-179.71	-178.77	-15.35	-12.43	-157.39	-505.07	-165.06	-497.40	-51.08
		232	6.79	-15.49	-160.95	-159.98	-16.46	11.83	-164.36	-612.47	-164.70	-612.13	-12.32
		277	5.32	-8.00	-143.58	-141.43	-10.15	-16.94	-66.71	-397.65	-108.52	-355.84	-109.95
		365	5.61	-11.01	-156.72	-156.23	-11.50	-8.43	-87.24	-371.93	-137.56	-321.61	-108.60
59	56	357	6.91	-14.29	-184.39	-183.43	-15.25	-12.75	-163.37	-521.19	-171.22	-513.34	-52.42
		232	6.97	-15.49	-165.55	-164.66	-16.38	11.52	-169.91	-625.97	-170.33	-625.55	-13.82
		277	5.47	-7.77	-147.24	-145.07	-9.94	-17.25	-73.03	-410.72	-114.44	-369.31	-110.76
		365	5.75	-10.66	-160.36	-159.85	-11.17	-8.74	-94.82	-386.79	-144.01	-337.60	-109.28
60	2	343	11.06	6.49	-98.56	-98.15	6.08	6.52	-412.62	-1126.64	-413.77	-1125.50	-28.61
		363	11.68	8.23	-101.61	-100.49	7.10	11.08	-274.12	-1105.76	-274.14	-1105.74	4.39
		354	6.81	1.94	-152.08	-151.87	1.73	5.58	-93.21	-263.23	-100.10	-256.34	-33.54
		233	7.20	2.47	-159.14	-158.95	2.27	5.64	-44.61	-227.12	-59.09	-212.64	-49.32
60	32	343	9.64	7.52	-95.03	-94.32	6.81	8.52	-351.52	-950.50	-352.75	-949.27	-27.13
		363	10.16	9.33	-97.41	-96.03	7.95	12.03	-248.52	-937.73	-248.52	-937.73	-0.85
		354	7.37	-1.27	-164.09	-163.72	-1.64	7.80	-105.82	-303.77	-111.24	-298.35	-32.31
		233	7.64	-1.36	-169.54	-169.17	-1.73	7.84	-69.19	-272.79	-79.83	-262.15	-45.31
60	64	343	9.75	7.76	-96.81	-96.05	7.00	8.85	-355.12	-959.08	-356.39	-957.82	-27.62
		363	10.28	9.60	-99.19	-97.76	8.18	12.36	-252.20	-946.56	-252.20	-946.56	-1.23
		354	7.57	-1.53	-168.45	-168.06	-1.92	8.12	-108.87	-312.53	-114.34	-307.06	-32.94
		233	7.83	-1.66	-173.90	-173.51	-2.05	8.17	-72.19	-281.26	-82.88	-270.58	-46.04
61	1	75	11.23	-56.20	-160.00	-153.52	-62.68	-25.13	516.04	-953.74	-136.40	-301.31	-730.25
		93	10.01	-55.31	-174.83	-173.25	-56.89	13.67	740.83	-609.65	27.49	103.69	-674.16
		70	23.25	-38.22	-205.92	-189.04	-55.10	-50.46	3598.65	734.83	741.02	3592.46	-132.99
		76	14.60	-61.57	-212.33	-192.56	-81.33	50.88	1956.65	361.78	393.61	1924.83	-223.03
61	24	75	9.41	-69.40	-149.39	-146.17	-72.62	-15.71	532.62	-722.35	-80.57	-109.17	-627.32
		93	9.09	-64.51	-162.56	-160.49	-66.57	14.07	810.39	-354.50	79.62	376.26	-563.25
		70	19.71	-59.88	-204.33	-194.94	-69.26	-35.60	3070.42	645.03	650.58	3064.87	-115.90
		76	13.04	-75.81	-213.07	-197.72	-91.17	43.27	1641.20	315.94	348.76	1608.38	-205.96
61	56	75	9.48	-71.55	-151.85	-148.80	-74.60	-15.35	543.89	-722.70	-78.57	-100.25	-633.20
		93	9.24	-66.23	-165.18	-163.03	-68.38	14.43	831.92	-345.82	84.76	401.34	-567.20
		70	19.92	-62.42	-208.61	-199.55	-71.48	-35.24	3096.00	652.10	657.73	3090.37	-117.16
		76	13.19	-78.23	-217.68	-202.34	-93.57	43.63	1651.43	319.13	352.79	1617.78	-209.05
62	2	78	11.60	-31.14	-145.89	-139.19	-37.84	-26.90	105.15	-1400.70	-239.35	-1056.20	-632.52
		94	12.84	-53.74	-143.09	-142.54	-54.29	7.00	-284.79	-1881.22	-548.91	-1617.10	-593.20
		93	7.88	-58.25	-166.33	-166.31	-58.26	1.18	579.33	-490.90	2.13	86.31	-533.46
		75	11.10	-51.91	-158.32	-156.39	-53.85	-14.23	593.13	-957.43	-133.12	-231.18	-773.73
62	30	78	10.94	-28.33	-137.02	-117.44	-47.91	-41.78	89.83	-1169.58	-234.01	-845.74	-550.43
		94	11.61	-58.98	-124.36	-120.40	-62.94	-15.59	-226.63	-1531.38	-472.29	-1285.72	-510.07
		93	8.00	-64.69	-159.42	-154.95	-69.16	-20.08	470.96	-460.02	-20.98	31.92	-464.73
		75	10.69	-52.56	-157.32	-146.39	-63.49	-32.03	494.03	-824.68	-125.89	-204.77	-658.18
62	62	78	11.12	-28.30	-139.64	-118.41	-49.54	-43.74	91.24	-1176.90	-238.20	-847.46	-556.10
		94	11.77	-59.78	-126.41	-121.41	-64.78	-17.56	-226.71	-1537.90	-476.51	-1288.09	-514.92
		93	8.18	-65.99	-162.79	-157.47	-71.30	-22.05	474.24	-466.53	-22.68	30.39	-469.63
		75	10.88	-53.32	-160.93	-148.82	-65.43	-34.00	498.19	-831.63	-127.66	-205.78	-663.76
63	2	80	9.66	-14.45	-125.31	-120.15	-19.61	-23.35	-42.47	-1224.39	-66.32	-1200.54	-166.19
		95	14.08	-43.43	-124.83	-124.83	-43.43	-0.04	-481.63	-2154.49	-671.83	-1964.28	-531.05
		94	12.37	-47.70	-142.61	-142.27	-48.04	5.67	-310.99	-1823.50	-553.01	-1581.48	-554.52
		78	11.39	-25.34	-144.16	-138.73	-30.76	-24.80	101.37	-1396.70	-248.73	-1046.60	-633.96
63	30	80	7.88	-13.58	-105.10	-87.88	-30.79	-35.76	-88.08	-1049.95	-119.16	-1018.88	-170.07
		95	12.68	-46.30	-98.18	-91.25	-53.23	-17.64	-429.87	-1812.54	-592.21	-1650.21	-445.08
		94	11.51	-56.41	-123.15	-120.40	-59.15	-13.26	-288.20	-1561.66	-494.91	-1354.95	-469.58
		78	10.67	-27.17	-132.12	-117.05	-42.24	-36.81	49.67	-1202.49	-253.25	-899.57	-536.23

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
63	62	80	8.03	-13.30	-106.36	-87.49	-32.18	-37.42	-92.80	-1058.98	-125.21	-1026.58	-173.96
		95	12.84	-46.60	-99.24	-90.82	-55.02	-19.30	-434.99	-1825.32	-598.88	-1661.42	-448.34
		94	11.68	-57.67	-124.91	-121.42	-61.16	-14.91	-292.15	-1574.64	-500.79	-1366.00	-473.33
		78	10.84	-27.54	-134.36	-118.01	-43.89	-38.46	47.65	-1213.25	-258.51	-907.09	-540.65
64	1	82	8.88	-2.09	-77.75	-72.41	-7.43	-19.37	363.87	-831.73	68.96	-536.82	515.39
		71	17.94	-33.56	-119.43	-112.66	-40.33	-23.15	115.85	-2521.70	88.26	-2494.11	-268.36
		95	14.09	-34.36	-127.96	-127.66	-34.66	5.33	-270.31	-2146.63	-616.46	-1800.48	-727.78
		80	10.90	-5.05	-128.58	-123.22	-10.41	-25.17	-50.98	-1343.78	-59.20	-1335.56	-102.71
64	26	82	7.02	-2.97	-57.42	-42.14	-18.25	-24.47	230.14	-711.82	28.24	-509.91	386.55
		71	15.51	-32.26	-91.39	-72.43	-51.23	-27.60	53.11	-2150.13	25.64	-2122.66	-244.49
		95	12.96	-45.48	-91.33	-90.50	-46.30	-6.10	-267.22	-1883.94	-556.18	-1594.98	-619.41
		80	8.17	-11.07	-98.86	-87.92	-22.00	-28.99	-94.29	-1143.00	-105.60	-1131.69	-108.32
64	58	82	7.05	-2.48	-57.66	-40.88	-19.26	-25.38	226.37	-718.71	25.97	-518.31	386.31
		71	15.70	-32.07	-91.95	-71.13	-52.89	-28.52	49.92	-2168.29	21.86	-2140.22	-247.92
		95	13.15	-46.84	-91.02	-89.87	-47.99	-7.02	-272.23	-1904.33	-563.34	-1613.22	-624.80
		80	8.15	-11.36	-99.10	-87.32	-23.13	-29.91	-99.13	-1152.60	-110.95	-1140.78	-110.96
65	1	71	26.06	-28.08	-201.90	-184.97	-45.01	-51.54	1140.57	-2826.04	35.34	-1720.81	-1778.34
		101	19.32	14.57	-123.88	-123.50	14.19	7.26	807.32	-1798.73	-1688.85	697.44	-523.72
		100	17.14	-31.40	-152.73	-151.35	-32.79	-12.87	-546.75	-2470.03	-1138.99	-1877.78	-887.86
		95	13.53	-35.46	-94.61	-94.51	-35.56	-2.46	-815.48	-2110.87	-970.74	-1955.61	-420.73
65	21	71	18.43	-16.87	-219.92	-208.53	-28.27	-46.73	905.45	-1848.88	147.43	-1090.86	-1230.14
		101	16.21	4.71	-159.83	-159.83	4.71	-0.58	647.31	-1245.22	-1208.58	610.67	-260.75
		100	12.67	-17.12	-128.25	-125.66	-19.71	-16.78	-388.55	-1777.02	-785.95	-1379.62	-627.58
		95	8.96	-16.80	-82.66	-81.51	-17.94	-8.62	-528.10	-1367.59	-626.74	-1268.95	-270.32
65	53	71	18.30	-16.32	-225.95	-214.65	-27.61	-47.33	908.06	-1819.59	158.64	-1070.17	-1217.59
		101	16.35	4.09	-165.91	-165.90	4.08	-1.19	650.23	-1233.40	-1200.13	616.95	-248.13
		100	12.63	-16.44	-129.22	-126.47	-19.19	-17.38	-385.69	-1766.29	-777.86	-1374.12	-622.60
		95	8.83	-15.79	-83.62	-82.34	-17.06	-9.22	-519.39	-1344.92	-616.08	-1248.23	-265.46
66	2	95	14.32	-41.02	-134.14	-132.49	-42.67	-12.27	-668.85	-2101.13	-928.14	-1841.83	-551.50
		100	13.31	-31.86	-134.17	-134.14	-31.89	1.67	-878.09	-1965.23	-1130.54	-1712.79	-459.04
		102	12.40	-46.72	-147.53	-146.88	-47.37	8.04	-678.12	-1802.95	-867.28	-1613.79	-420.70
		94	13.26	-45.96	-139.16	-139.10	-46.03	-2.50	-589.31	-1920.26	-879.17	-1630.40	-549.34
66	34	95	12.79	-38.21	-107.95	-94.48	-51.68	-27.53	-605.11	-1775.97	-821.07	-1560.00	-454.12
		100	11.67	-32.48	-99.18	-94.61	-37.04	-16.85	-775.49	-1668.06	-977.67	-1465.87	-373.61
		102	11.14	-50.09	-124.16	-122.17	-52.08	-11.97	-583.12	-1532.26	-733.78	-1381.60	-346.85
		94	12.06	-51.47	-123.68	-117.60	-57.55	-20.05	-507.75	-1623.69	-742.10	-1389.34	-454.53
66	66	95	12.94	-38.05	-109.14	-93.81	-53.37	-29.23	-612.83	-1789.03	-830.38	-1571.48	-456.67
		100	11.80	-32.53	-99.46	-93.84	-38.14	-18.55	-784.07	-1680.90	-987.07	-1477.90	-375.30
		102	11.28	-50.89	-125.62	-123.03	-53.48	-13.67	-588.14	-1544.08	-739.36	-1392.86	-348.83
		94	12.23	-52.40	-125.74	-118.59	-59.55	-21.76	-512.06	-1635.55	-747.57	-1400.04	-457.31
67	2	94	13.39	-55.21	-143.72	-143.31	-55.61	-5.99	-588.78	-1886.02	-873.92	-1600.89	-537.20
		102	12.51	-49.97	-147.22	-145.77	-51.42	11.79	-663.41	-1834.10	-847.63	-1649.88	-426.29
		103	7.07	-67.18	-159.30	-158.93	-67.55	5.80	359.03	-421.56	-187.95	125.42	-357.47
		93	9.68	-62.03	-161.46	-161.45	-62.04	0.92	385.53	-806.03	-398.55	-21.94	-565.24
67	34	94	11.85	-54.62	-129.86	-120.62	-63.86	-24.69	-466.36	-1521.57	-718.43	-1269.51	-449.94
		102	10.86	-56.38	-123.87	-122.00	-58.25	-11.06	-538.26	-1460.35	-697.05	-1301.56	-348.15
		103	6.91	-71.03	-153.11	-150.00	-74.14	-15.67	285.71	-365.59	-151.02	71.15	-306.12
		93	9.08	-67.89	-156.91	-152.45	-72.35	-19.42	309.38	-670.21	-313.29	-47.54	-471.43
67	66	94	11.98	-55.07	-132.21	-121.59	-65.69	-26.59	-466.91	-1526.80	-722.23	-1271.48	-453.24
		102	10.97	-57.29	-125.48	-122.93	-59.84	-12.95	-540.17	-1463.37	-700.74	-1302.79	-349.94
		103	7.05	-72.24	-156.44	-152.60	-76.08	-17.57	288.51	-367.84	-150.31	70.98	-308.96
		93	9.23	-69.23	-160.38	-155.09	-74.53	-21.32	312.19	-673.34	-312.60	-48.55	-474.75
68	1	93	10.88	-64.06	-164.16	-151.90	-76.32	-32.82	293.40	-874.03	-422.90	-157.73	-568.46
		103	7.74	-60.21	-177.06	-163.67	-73.59	37.22	401.62	-409.14	-133.95	126.42	-383.91
		104	26.11	-54.99	-198.68	-189.93	-63.74	-34.36	4132.69	790.67	792.51	4130.85	-78.44
		70	25.82	-72.94	-222.90	-194.68	-101.16	58.62	3857.04	788.40	796.74	3848.70	-159.76
68	24	93	8.88	-77.59	-153.65	-148.85	-82.38	-18.48	469.14	-561.84	-268.86	176.17	-464.99
		103	7.82	-64.15	-171.38	-157.61	-77.92	35.87	596.64	-193.56	-30.87	433.96	-319.51
		104	22.55	-72.71	-208.76	-205.88	-75.60	-19.61	3519.90	685.38	687.06	3518.22	-68.98
		70	22.43	-84.86	-232.06	-209.93	-106.99	52.61	3270.17	678.04	685.09	3263.12	-134.97
68	56	93	8.94	-79.86	-156.25	-151.85	-84.26	-17.80	490.94	-553.31	-263.78	201.40	-467.46
		103	8.00	-65.52	-174.61	-160.56	-79.57	36.54	622.70	-184.25	-24.34	462.80	-321.66
		104	22.77	-75.15	-214.06	-211.42	-77.78	-18.94	3549.07	692.31	694.01	3547.36	-69.77
		70	22.65	-87.26	-237.66	-215.52	-109.39	53.29	3295.77	684.44	691.55	3288.66	-136.01
69	1	101	16.53	-3.92	-129.31	-128.96	-4.27	-6.61	189.99	-1808.61	-1571.28	-47.33	-646.52
		106	18.01	-0.04	-129.09	-128.93	-0.20	4.49	124.16	-1995.03	-1993.71	122.84	-52.92
		105	13.13	-13.79	-152.24	-150.40	-15.62	15.84	-1341.11	-1610.60	-1453.04	-1498.68	-132.80
		100	14.77	-20.25	-143.18	-142.78	-20.65	-6.99	-668.78	-2120.35	-1202.52	-1586.61	-699.92
69	5	101	13.32	-3.94	-122.94	-121.14	-5.74	-14.51	129.36	-1356.05	-1195.56	-31.14	-461.13
		106	14.64	-2.35	-121.22	-120.92	-2.64	-5.94	143.86	-1521.10	-1520.82	143.58	-21.67
		105	10.17	-11.56	-120.79	-120.72	-11.63	2.72	-1030.50	-1199.30	-1113.19	-1116.61	-84.38
		100	11.51	-12.99	-117.24	-115.01	-15.22	-15.09	-543.56	-1593.85	-920.03	-1217.38	-503.66
69	37	101	13.38	-3.98	-125.25	-123.26	-5.96	-15.39	127.64	-1353.02	-1194.51	-30.87	-457.80

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		106	14.71	-2.49	-123.42	-123.03	-2.88	-6.82	148.19	-1520.03	-1519.79	147.95	-19.93
		105	10.17	-11.56	-121.23	-121.20	-11.59	1.85	-1030.32	-1195.80	-1112.79	-1113.34	-82.74
		100	11.52	-12.67	-117.97	-115.49	-15.15	-15.96	-546.31	-1590.52	-919.61	-1217.22	-500.45
70	2	100	13.89	-32.34	-139.64	-139.29	-32.69	-6.12	-876.69	-1999.00	-1186.94	-1688.75	-501.94
		105	12.92	-20.68	-148.25	-146.23	-22.70	15.93	-1312.44	-1657.49	-1369.02	-1600.91	-127.76
		107	11.70	-39.50	-151.12	-147.88	-42.74	18.72	-785.97	-1710.26	-829.20	-1667.03	-195.17
		102	12.22	-45.12	-144.68	-144.29	-45.51	6.23	-674.00	-1783.90	-838.13	-1619.77	-393.99
70	22	100	11.75	-34.97	-97.43	-97.31	-35.10	-2.75	-797.99	-1731.58	-1050.13	-1479.44	-414.51
		105	10.82	-23.24	-105.18	-102.68	-25.73	14.08	-1138.74	-1447.32	-1187.32	-1398.73	-112.39
		107	10.20	-41.88	-127.40	-124.19	-45.09	16.25	-672.55	-1471.18	-707.16	-1436.56	-162.63
		102	10.66	-47.66	-122.08	-121.47	-48.27	6.70	-588.72	-1541.69	-716.97	-1413.44	-325.22
70	54	100	11.84	-35.83	-96.52	-96.41	-35.94	-2.59	-808.61	-1748.06	-1062.15	-1494.52	-417.02
		105	10.89	-23.81	-104.39	-101.78	-26.41	14.24	-1149.97	-1461.83	-1199.11	-1412.70	-113.62
		107	10.30	-42.89	-128.44	-125.17	-46.17	16.41	-678.21	-1484.10	-712.99	-1449.32	-163.77
		102	10.77	-48.80	-123.09	-122.45	-49.44	6.87	-594.48	-1555.88	-723.04	-1427.32	-327.21
71	2	102	12.68	-52.68	-145.85	-145.83	-52.70	1.29	-664.77	-1818.61	-848.93	-1634.45	-422.58
		107	11.77	-43.33	-153.43	-148.32	-48.43	23.16	-792.36	-1699.89	-841.27	-1650.99	-204.91
		108	6.08	-58.74	-160.41	-158.72	-60.43	13.00	308.62	-195.89	-128.73	241.46	-171.39
		103	7.03	-63.31	-162.41	-160.80	-64.92	12.53	371.70	-430.05	-190.88	132.53	-366.81
71	26	102	10.67	-57.98	-123.98	-123.72	-58.24	-4.17	-536.14	-1452.14	-697.71	-1290.57	-349.13
		107	9.90	-53.00	-127.88	-125.71	-55.17	12.55	-645.93	-1356.60	-693.11	-1309.42	-176.93
		108	5.55	-68.01	-154.39	-154.13	-68.27	4.77	224.21	-178.75	-108.07	153.53	-153.25
		103	6.51	-71.25	-155.82	-155.59	-71.48	4.42	299.00	-379.60	-155.69	75.09	-319.08
71	58	102	10.75	-59.40	-125.13	-124.79	-59.73	-4.67	-537.54	-1455.20	-701.27	-1291.47	-351.34
		107	9.96	-54.66	-128.81	-126.80	-56.67	12.06	-648.59	-1359.25	-696.80	-1311.03	-178.72
		108	5.63	-69.96	-157.33	-157.12	-70.17	4.27	225.32	-179.95	-107.55	152.93	-155.24
		103	6.61	-73.18	-158.75	-158.57	-73.36	3.92	302.43	-382.47	-155.22	75.18	-322.49
72	2	103	7.73	-68.95	-164.13	-162.29	-70.79	-13.10	348.24	-428.08	-179.57	99.73	-362.17
		108	6.19	-53.48	-173.74	-159.96	-67.25	38.29	322.89	-207.46	-116.23	231.65	-200.15
		109	27.87	-64.67	-189.47	-181.79	-72.35	-29.98	4411.37	888.43	888.61	4411.19	-25.12
		104	26.63	-61.92	-203.34	-189.04	-76.22	42.64	4162.52	831.62	833.19	4160.94	-72.47
72	24	103	6.81	-74.86	-157.38	-157.33	-74.90	-1.95	553.61	-208.35	-68.39	413.65	-295.05
		108	6.92	-58.01	-170.01	-155.67	-72.36	37.42	580.74	-62.86	-15.76	533.64	-167.62
		109	24.11	-79.24	-200.29	-198.42	-81.11	-14.92	3752.56	777.97	777.97	3752.56	0.39
		104	23.13	-71.41	-216.39	-203.87	-83.92	40.72	3542.86	730.15	731.57	3541.44	-63.15
72	56	103	6.92	-76.55	-160.38	-160.36	-76.57	-1.20	579.50	-199.23	-62.16	442.43	-296.57
		108	7.13	-59.38	-173.38	-158.71	-74.05	38.17	610.14	-55.25	-9.19	564.08	-168.89
		109	24.34	-81.64	-205.53	-203.89	-83.28	-14.17	3783.38	786.45	786.46	3783.38	2.19
		104	23.35	-73.42	-221.98	-209.33	-86.07	41.46	3572.05	738.28	739.73	3570.61	-63.88
73	1	106	17.99	-1.16	-129.37	-129.34	-1.18	-1.63	134.45	-1985.33	-1984.27	133.40	-47.22
		111	19.17	-2.97	-157.94	-157.42	-3.49	9.00	102.69	-2088.28	-1904.35	-81.24	607.59
		110	15.45	-9.64	-157.93	-150.91	-16.66	31.51	-1017.45	-2122.42	-1371.10	-1768.77	515.47
		105	13.13	-14.32	-151.39	-150.34	-15.37	11.94	-1360.80	-1594.55	-1452.16	-1503.19	-114.06
73	28	106	13.66	1.28	-61.09	-59.46	-0.35	9.95	7.29	-1748.86	-1748.72	7.14	-16.02
		111	15.16	1.88	-85.06	-81.09	-2.09	18.15	-3.57	-1849.87	-1688.99	-164.45	520.72
		110	13.03	-6.45	-120.24	-107.66	-19.03	35.68	-835.99	-1770.09	-1167.21	-1438.86	446.86
		105	10.59	-13.63	-111.62	-107.19	-18.06	20.36	-1154.66	-1295.07	-1227.98	-1221.75	-70.14
73	60	106	13.65	1.77	-58.00	-55.91	-0.33	10.99	-0.97	-1768.33	-1768.22	-1.08	-14.15
		111	15.21	2.55	-82.14	-77.54	-2.05	19.19	-10.56	-1871.21	-1708.58	-173.19	525.49
		110	13.13	-6.19	-120.31	-106.93	-19.57	36.72	-840.28	-1782.13	-1176.96	-1445.45	451.38
		105	10.63	-13.67	-111.39	-106.46	-18.61	21.40	-1163.73	-1301.13	-1237.62	-1227.23	-68.50
74	2	105	12.90	-22.71	-147.02	-146.12	-23.60	10.50	-1320.21	-1637.90	-1364.33	-1593.78	-109.86
		110	14.74	-19.11	-156.70	-150.23	-25.58	29.12	-1203.00	-2037.12	-1349.76	-1890.36	317.60
		112	11.99	-28.70	-155.38	-148.24	-35.84	29.22	-853.41	-1728.63	-854.66	-1727.39	33.00
		107	11.70	-40.10	-150.16	-147.67	-42.59	16.37	-790.10	-1708.12	-830.95	-1667.26	-189.31
74	28	105	10.76	-16.07	-113.89	-104.58	-25.39	28.72	-1155.01	-1393.36	-1174.76	-1373.60	-65.71
		110	13.02	-14.86	-128.52	-108.96	-34.42	42.90	-1034.07	-1756.62	-1167.67	-1623.02	280.50
		112	10.86	-26.56	-143.11	-124.12	-45.55	43.05	-719.64	-1488.47	-723.27	-1484.84	52.69
		107	10.00	-30.97	-134.30	-122.20	-43.07	33.23	-678.17	-1440.05	-700.86	-1417.36	-129.51
74	60	105	10.84	-15.38	-114.46	-103.86	-25.99	30.63	-1167.06	-1404.48	-1185.77	-1385.77	-63.97
		110	13.18	-14.34	-129.71	-108.35	-35.70	44.81	-1043.39	-1772.82	-1179.07	-1637.14	283.83
		112	11.01	-26.62	-145.59	-125.06	-47.15	44.96	-724.92	-1501.74	-728.87	-1497.80	55.23
		107	10.09	-30.62	-136.37	-123.00	-43.98	35.14	-684.06	-1450.37	-706.07	-1428.35	-128.00
75	2	107	11.80	-46.86	-149.78	-148.21	-48.43	12.61	-797.34	-1690.26	-840.26	-1647.34	-191.01
		112	12.32	-33.22	-159.59	-149.63	-43.18	34.05	-866.27	-1741.29	-868.50	-1739.06	44.11
		113	6.08	-52.09	-156.96	-152.47	-56.57	21.22	281.08	-132.40	-132.39	281.07	-2.16
		108	6.08	-57.22	-162.26	-158.68	-60.79	19.05	325.08	-213.94	-130.88	242.01	-194.61
75	28	107	9.64	-41.02	-134.86	-123.53	-52.35	30.58	-659.68	-1318.39	-685.60	-1292.47	-128.08
		112	10.54	-28.82	-148.25	-125.40	-51.67	46.98	-702.10	-1367.07	-707.03	-1362.14	57.04
		113	5.75	-51.31	-161.31	-146.85	-65.78	37.18	199.99	-108.25	-106.57	198.31	22.68
		108	5.31	-52.77	-163.77	-150.93	-65.61	35.51	218.49	-157.34	-105.88	167.03	-129.19
75	60	107	9.69	-40.94	-137.08	-124.42	-53.61	32.52	-663.46	-1318.27	-688.80	-1292.92	-126.31
		112	10.64	-28.75	-150.87	-126.36	-53.26	48.91	-704.89	-1367.94	-710.22	-1362.61	59.21

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		113	5.87	-52.06	-165.29	-149.61	-67.74	39.11	200.76	-108.01	-105.97	198.73	24.97
		108	5.40	-53.28	-167.60	-153.63	-67.25	37.44	217.64	-155.45	-105.29	167.48	-127.27
76	2	108	6.26	-66.69	-160.18	-159.71	-67.16	-6.60	300.41	-189.04	-118.77	230.13	-171.64
		113	6.26	-44.01	-172.51	-152.89	-63.62	46.22	268.48	-124.07	-123.30	267.71	-17.38
		114	28.83	-64.37	-178.77	-171.53	-71.61	-27.85	4561.14	915.81	915.96	4560.99	23.49
		109	27.99	-57.70	-197.47	-182.23	-72.95	43.58	4411.46	887.32	887.49	4411.30	-24.16
76	24	108	6.00	-71.74	-153.49	-153.34	-71.88	3.42	550.16	-41.16	-22.46	531.46	-103.47
		113	6.45	-50.80	-168.26	-148.56	-70.50	43.88	556.94	-26.14	-26.14	556.93	1.18
		114	24.84	-79.72	-186.10	-184.51	-81.30	-12.89	3864.86	797.14	797.57	3864.43	36.25
		109	24.23	-67.04	-206.37	-192.42	-80.99	41.82	3752.45	776.24	776.24	3752.45	1.21
76	56	108	6.14	-73.32	-156.40	-156.19	-73.53	4.20	578.86	-33.46	-16.39	561.79	-100.80
		113	6.61	-52.20	-171.55	-151.45	-72.29	44.67	586.84	-20.12	-20.11	586.83	2.56
		114	25.07	-82.19	-190.79	-189.42	-83.56	-12.11	3895.27	805.43	805.89	3894.80	37.91
		109	24.46	-68.97	-211.44	-197.29	-83.11	42.61	3783.26	784.64	784.64	3783.26	3.01
77	2	111	21.63	4.58	-153.14	-153.14	4.58	-0.76	857.55	-1970.24	-1913.39	800.70	396.90
		97	31.40	-19.21	-233.82	-225.27	-27.76	41.97	643.89	-3825.04	-1133.03	-2048.12	2187.12
		115	15.44	-9.48	-122.52	-118.58	-13.41	20.71	-983.97	-2471.33	-1089.71	-2365.60	382.21
		110	18.27	-18.44	-164.20	-155.52	-27.12	34.51	-938.90	-2598.20	-1413.94	-2123.17	750.04
77	24	111	17.19	0.99	-102.89	-98.96	-2.93	19.81	619.66	-1695.05	-1601.03	525.64	456.92
		97	27.67	-29.61	-177.88	-156.35	-51.15	52.25	458.79	-3326.92	-1028.36	-1839.77	1848.87
		115	14.61	-19.57	-104.69	-84.71	-39.55	36.08	-851.88	-2179.01	-956.98	-2073.91	358.38
		110	15.53	-5.25	-129.95	-108.98	-26.23	46.64	-760.22	-2129.39	-1177.27	-1712.34	630.14
77	56	111	17.27	1.28	-101.95	-97.17	-3.49	21.68	617.06	-1712.26	-1612.95	517.76	470.58
		97	28.00	-30.35	-178.30	-154.76	-53.89	54.11	455.54	-3361.82	-1042.85	-1863.43	1864.06
		115	14.86	-19.83	-106.50	-84.11	-42.22	37.94	-860.26	-2203.87	-967.61	-2096.53	364.29
		110	15.67	-4.09	-130.66	-108.03	-26.72	48.51	-763.46	-2141.02	-1185.32	-1719.15	634.96
78	2	110	14.07	-22.41	-149.17	-145.67	-25.92	20.78	-1158.89	-1991.32	-1265.82	-1884.39	278.53
		115	17.02	-11.88	-167.49	-160.65	-18.72	31.89	-1075.31	-2537.73	-1283.25	-2329.78	510.75
		116	13.55	-15.23	-160.23	-148.47	-27.00	39.59	-875.22	-1943.47	-944.29	-1874.40	262.71
		112	12.18	-30.39	-156.58	-150.38	-36.58	27.27	-890.37	-1737.40	-893.90	-1733.87	54.58
78	24	110	12.42	-17.53	-120.13	-103.08	-34.58	38.19	-978.76	-1709.13	-1082.00	-1605.89	254.45
		115	15.32	-15.53	-137.74	-116.07	-37.20	46.68	-912.55	-2175.47	-1095.05	-1992.97	444.04
		116	12.73	-19.82	-149.57	-122.55	-46.83	52.68	-726.82	-1704.39	-797.97	-1633.24	253.96
		112	11.02	-26.43	-141.91	-122.45	-45.89	43.23	-750.10	-1492.02	-759.40	-1482.72	82.55
78	56	110	12.57	-16.89	-121.23	-102.26	-35.85	40.24	-986.27	-1724.20	-1091.60	-1618.87	258.13
		115	15.53	-15.47	-139.14	-115.37	-39.24	48.73	-919.92	-2194.83	-1104.64	-2010.11	448.75
		116	12.94	-20.14	-152.36	-123.32	-49.18	54.74	-731.27	-1722.41	-804.18	-1649.50	258.74
		112	11.17	-26.29	-144.26	-123.07	-47.47	45.28	-755.55	-1505.08	-765.62	-1495.01	86.29
79	2	112	12.22	-38.31	-153.67	-148.70	-43.28	23.41	-849.37	-1752.24	-852.74	-1748.87	55.08
		116	13.79	-19.46	-166.83	-152.09	-34.19	44.21	-886.46	-1939.59	-949.04	-1877.02	248.97
		117	7.36	-39.25	-153.93	-143.78	-49.39	32.57	313.70	-271.57	-203.71	245.84	187.38
		113	6.14	-49.68	-159.97	-152.69	-56.97	27.39	284.31	-139.83	-138.10	282.58	-27.03
79	28	112	10.45	-33.67	-138.63	-121.24	-51.06	39.02	-696.72	-1380.24	-705.42	-1371.53	76.66
		116	12.10	-18.77	-153.13	-124.57	-47.34	54.97	-708.25	-1551.64	-781.20	-1478.69	237.07
		117	7.10	-40.62	-158.81	-136.69	-62.74	46.10	247.22	-248.95	-164.68	162.95	186.31
		113	5.77	-46.94	-162.10	-143.79	-65.24	42.10	199.45	-113.11	-112.74	199.07	10.85
79	60	112	10.54	-33.58	-140.89	-121.88	-52.59	40.97	-700.21	-1381.77	-709.70	-1372.28	79.85
		116	12.23	-18.77	-155.69	-125.27	-49.18	56.92	-710.07	-1556.06	-785.65	-1480.48	241.30
		117	7.25	-41.34	-162.73	-139.13	-64.94	48.04	249.45	-252.21	-164.88	162.12	190.23
		113	5.89	-47.49	-165.90	-146.26	-67.13	44.05	199.99	-113.33	-112.72	199.38	13.80
80	2	113	5.69	-64.35	-152.30	-152.28	-64.36	1.16	268.66	-117.30	-116.98	268.34	11.20
		117	7.95	-27.16	-172.14	-142.18	-57.12	58.71	285.04	-256.34	-187.79	216.49	180.03
		96	29.30	-63.11	-161.29	-153.77	-70.63	-26.10	4620.54	915.15	917.10	4618.59	84.94
		114	28.83	-53.55	-190.45	-172.87	-71.13	45.80	4558.91	910.29	910.46	4558.74	24.46
80	24	113	5.98	-64.48	-149.42	-143.65	-70.24	21.36	557.87	-27.58	-25.96	556.25	30.75
		117	8.10	-27.22	-175.73	-136.48	-66.47	65.49	543.96	-127.66	-83.02	499.33	167.29
		96	25.08	-81.51	-167.10	-167.10	-81.51	0.47	3894.44	791.59	794.09	3891.94	87.97
		114	24.93	-55.57	-205.89	-181.37	-80.09	55.54	3862.97	791.76	792.22	3862.50	37.85
80	56	113	6.15	-65.27	-152.82	-146.13	-71.96	23.26	587.79	-22.22	-20.45	586.02	32.81
		117	8.29	-27.62	-179.77	-139.01	-68.38	67.38	571.92	-122.24	-77.77	527.46	169.97
		96	25.30	-83.81	-171.72	-171.66	-83.87	2.36	3923.23	799.37	801.97	3920.63	90.06
		114	25.17	-56.73	-211.43	-185.89	-82.27	57.44	3893.35	799.92	800.42	3892.84	39.59
81	2	118	14.62	21.85	-105.83	-104.91	20.93	10.80	1732.32	225.79	1727.83	230.28	82.17
		12	8.46	-9.05	-65.04	-62.61	-11.49	11.42	564.44	-799.02	87.78	-322.36	650.16
		82	8.16	-16.17	-87.36	-85.51	-18.02	-11.33	90.41	-990.16	-105.84	-793.90	416.60
		81	18.14	37.55	-123.49	-123.00	37.06	8.90	2186.59	337.77	2180.47	343.90	106.27
81	34	118	11.57	21.32	-74.05	-72.60	19.87	-11.66	1397.11	168.77	1393.29	172.59	68.39
		12	7.47	-8.74	-44.71	-40.72	-12.73	-11.29	491.42	-642.43	127.06	-278.07	529.50
		82	7.54	-3.81	-75.63	-61.20	-18.24	-28.78	149.42	-790.61	-3.76	-637.43	347.17
		81	14.47	33.84	-90.83	-89.42	32.43	-13.16	1764.41	264.87	1759.48	269.80	85.84
81	66	118	11.59	21.91	-73.82	-71.86	19.95	-13.53	1402.73	168.36	1398.96	172.14	68.15
		12	7.60	-7.68	-45.40	-40.05	-13.04	-13.16	496.04	-644.88	132.17	-281.01	531.74
		82	7.65	-2.50	-76.90	-60.79	-18.61	-30.65	156.05	-793.13	2.96	-640.04	349.10

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		81	14.52	34.37	-90.79	-88.96	32.54	-15.03	1771.59	265.29	1766.74	270.14	85.36
82	2	120	10.45	22.43	-83.55	-76.67	15.55	26.11	1246.66	191.04	1239.37	198.32	87.40
		14	9.13	-13.28	-57.15	-53.61	-16.82	11.96	770.42	-706.67	170.46	-106.71	725.43
		12	8.17	-11.16	-68.55	-68.31	-11.41	3.75	525.20	-802.87	76.53	-354.19	628.14
		118	14.53	29.06	-103.69	-100.93	26.30	18.94	1735.95	239.87	1729.76	246.06	96.05
82	6	120	8.32	16.50	-58.91	-58.27	15.86	6.90	991.41	139.64	986.14	144.91	66.83
		14	7.29	-11.37	-41.36	-40.80	-11.93	-4.07	622.38	-547.59	161.06	-86.27	571.76
		12	7.25	-6.07	-57.31	-55.10	-8.28	-10.42	440.31	-619.28	96.48	-275.45	496.08
		118	11.57	23.65	-79.88	-79.86	23.63	1.37	1375.31	193.42	1370.79	197.93	72.92
82	38	120	8.34	16.60	-58.64	-58.21	16.17	5.67	994.39	139.02	989.17	144.24	66.63
		14	7.37	-10.96	-41.71	-40.77	-11.90	-5.30	624.84	-547.99	163.71	-86.86	572.88
		12	7.33	-5.58	-58.08	-55.35	-8.31	-11.65	443.34	-619.43	99.81	-275.89	497.08
		118	11.61	23.89	-80.08	-80.08	23.89	0.14	1378.94	194.16	1374.48	198.62	72.57
83	2	122	6.23	20.48	-61.69	-47.84	6.63	30.76	743.54	133.03	734.74	141.83	72.78
		73	9.61	-9.09	-49.15	-39.71	-18.53	17.00	902.53	-595.87	210.23	96.42	747.03
		14	9.01	-11.03	-54.90	-52.58	-13.35	9.80	767.37	-711.16	166.53	-110.32	726.19
		120	10.48	26.57	-84.70	-76.34	18.20	29.34	1244.17	189.57	1237.20	196.54	85.44
83	29	122	5.47	21.35	-76.68	-57.84	2.51	38.63	540.52	114.62	536.32	118.82	42.08
		73	7.85	-2.34	-67.67	-51.81	-18.20	28.01	654.40	-417.55	136.73	100.12	535.66
		14	7.40	-3.73	-65.44	-55.76	-13.40	22.44	542.50	-511.54	92.73	-61.77	521.32
		120	8.38	26.49	-87.72	-73.65	12.42	37.54	916.72	157.15	912.96	160.91	53.34
83	61	122	5.54	21.91	-79.39	-59.79	2.30	40.02	538.05	115.56	534.00	119.61	41.17
		73	7.90	-1.92	-70.44	-53.78	-18.59	29.40	651.09	-414.17	134.82	102.10	532.38
		14	7.45	-3.19	-67.70	-57.19	-13.71	23.83	538.43	-508.81	89.82	-60.20	518.22
		120	8.41	27.17	-89.86	-75.03	12.35	38.93	913.43	157.90	909.74	161.59	52.68
84	2	124	2.31	18.77	-28.25	-16.15	6.67	20.56	289.64	66.87	276.25	80.26	52.95
		10	9.78	-0.94	-62.26	-32.91	-30.30	30.63	948.00	-436.56	199.60	311.84	690.00
		73	9.32	-7.52	-36.74	-31.95	-12.30	10.82	909.16	-601.41	218.08	89.67	752.55
		122	6.36	25.06	-69.90	-51.66	6.82	37.41	733.06	136.11	724.36	144.81	71.54
84	35	124	2.95	20.07	-58.55	-39.34	0.86	33.79	204.59	70.73	199.82	75.51	24.82
		10	8.21	4.81	-81.87	-51.75	-25.30	41.27	700.84	-293.19	141.85	265.80	493.14
		73	7.81	3.40	-58.31	-43.72	-11.19	26.22	662.72	-424.19	146.72	91.81	542.76
		122	5.67	27.48	-84.33	-59.29	2.44	46.61	538.32	119.18	534.47	123.03	40.00
84	67	124	3.07	20.60	-61.95	-41.82	0.48	35.44	203.43	72.13	199.05	76.52	23.59
		10	8.28	5.41	-85.11	-54.18	-25.52	42.93	698.25	-289.72	141.27	267.26	489.95
		73	7.87	4.26	-61.11	-45.49	-11.37	27.88	659.39	-421.31	145.19	92.88	539.72
		122	5.75	28.27	-87.18	-61.11	2.20	48.27	536.40	120.06	532.73	123.73	38.93
85	3	37	9.08	20.35	11.61	18.29	13.68	3.71	1388.49	122.41	123.67	1387.23	-39.90
		67	3.22	-0.20	-70.53	-59.68	-11.05	25.41	104.18	-60.75	53.86	-10.42	-75.95
		124	6.35	-1.45	-81.61	-73.73	-9.33	23.86	504.19	-189.82	203.90	110.48	-343.84
		272	7.73	51.83	-58.32	-29.16	22.67	48.60	692.12	-334.10	-165.01	523.04	-380.69
85	24	37	5.77	40.35	-4.24	39.96	-3.85	-4.16	780.26	78.16	79.17	779.25	-26.61
		67	2.74	51.39	-11.94	44.29	-4.83	19.99	80.49	-71.65	-32.42	41.26	-66.55
		124	1.87	1.94	-0.73	0.70	0.50	-1.33	230.43	-64.81	118.50	47.13	-143.24
		272	5.47	35.49	-15.41	16.58	3.49	24.59	441.49	-262.04	-111.00	290.45	-288.87
85	56	37	5.79	41.96	-4.21	41.59	-3.84	-4.09	778.46	76.99	78.09	777.36	-27.68
		67	2.78	52.88	-11.91	45.92	-4.96	20.06	77.61	-73.81	-33.90	37.70	-66.71
		124	1.89	2.87	-0.27	2.23	0.37	-1.26	229.09	-67.68	117.72	43.70	-143.70
		272	5.51	36.51	-14.96	18.11	3.44	24.67	441.11	-263.78	-111.37	288.70	-290.18
86	2	45	8.43	9.23	-56.82	-56.76	9.18	1.90	772.19	111.80	118.07	765.92	64.03
		44	8.35	12.47	-58.61	-58.51	12.38	2.56	746.35	116.06	118.05	744.35	35.39
		363	11.70	9.33	-103.82	-102.93	8.44	10.00	-289.71	-1104.37	-290.13	-1103.95	-18.51
		343	10.75	7.73	-100.74	-100.20	7.19	7.67	-402.05	-1081.19	-402.12	-1081.12	6.91
86	33	45	5.57	3.74	-41.97	-41.90	3.66	1.88	495.40	54.52	59.26	490.66	45.48
		44	5.52	6.28	-43.44	-43.32	6.17	2.38	476.82	57.04	59.29	474.58	30.61
		363	9.30	7.79	-61.10	-60.13	6.82	8.12	-211.72	-918.04	-211.85	-917.92	-9.42
		343	8.63	5.88	-58.70	-58.07	5.26	6.31	-296.10	-901.61	-296.11	-901.60	2.66
86	65	45	5.51	3.42	-41.84	-41.75	3.34	1.92	489.13	52.13	56.86	484.40	45.23
		44	5.46	5.97	-43.30	-43.18	5.85	2.42	470.96	54.66	56.95	468.68	30.78
		363	9.31	7.80	-59.37	-58.36	6.80	8.16	-211.77	-923.21	-211.88	-923.09	-8.99
		343	8.65	5.93	-56.95	-56.31	5.28	6.35	-296.16	-907.16	-296.17	-907.15	2.45
87	3	236	41.64	-12.48	-143.84	-140.36	-15.95	-21.07	4051.17	596.89	3619.98	1028.09	1141.73
		126	12.93	70.05	-127.60	-120.33	62.78	-37.20	652.70	-164.41	44.71	443.58	-356.57
		234	20.67	76.53	15.88	19.24	73.17	-13.88	-366.17	-2074.00	-438.70	-2001.47	-344.40
		7	12.03	101.92	8.42	99.67	10.67	14.32	371.32	-692.31	290.29	-611.27	282.18
87	26	236	31.92	2.39	-123.71	-107.36	-13.96	-42.36	3021.60	483.40	2755.49	749.51	777.58
		126	10.61	62.99	-113.97	-95.66	44.67	-53.91	-3.94	-492.46	-380.64	-115.75	-205.24
		234	13.51	56.26	-28.62	-20.54	48.19	-24.91	-234.43	-1347.06	-310.21	-1271.28	-280.31
		7	7.78	62.03	8.27	61.57	8.73	-4.91	268.58	-478.00	228.48	-437.90	168.32
87	58	236	31.97	2.91	-124.47	-107.61	-13.94	-43.16	3021.50	479.07	2752.75	747.82	781.70
		126	10.60	63.59	-114.65	-95.88	44.82	-54.71	-13.29	-492.20	-384.15	-121.34	-200.18
		234	13.54	56.73	-29.72	-21.25	48.26	-25.71	-237.76	-1350.11	-311.46	-1276.41	-276.67
		7	7.76	61.46	8.05	60.84	8.67	-5.71	269.27	-480.40	228.00	-439.14	170.98

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
88	3	126	10.40	61.52	-117.75	-107.24	51.01	-42.11	609.15	-53.87	250.89	304.39	-330.43
		127	9.14	32.67	-93.72	-91.35	30.30	-17.15	-153.28	-673.04	-476.44	-349.87	-252.06
		128	8.29	7.96	-82.09	-81.76	7.63	5.46	-173.47	-733.54	-177.58	-729.43	-47.82
		234	16.60	41.15	-2.49	-1.58	40.24	-6.23	-281.70	-1697.97	-318.37	-1661.30	-224.92
88	26	126	6.88	56.94	-115.11	-92.91	34.74	-57.68	-12.50	-258.46	-59.11	-211.85	-96.40
		127	8.92	34.41	-99.01	-88.59	23.99	-35.81	-413.47	-833.71	-416.32	-830.86	-34.44
		128	7.74	3.22	-118.87	-117.45	1.80	-13.10	-163.92	-578.43	-163.98	-578.37	4.74
		234	10.80	29.26	-56.19	-49.84	22.91	-22.40	-197.03	-1070.25	-233.99	-1033.30	-175.80
88	58	126	6.86	57.52	-116.38	-93.65	34.79	-58.62	-16.45	-257.85	-57.80	-216.49	-90.96
		127	9.06	34.87	-100.21	-89.34	24.00	-36.75	-413.91	-843.08	-416.06	-840.93	-30.30
		128	7.88	3.11	-121.24	-119.64	1.51	-14.04	-166.87	-589.19	-166.98	-589.08	6.86
		234	10.86	29.37	-58.72	-52.02	22.68	-23.35	-200.45	-1074.03	-235.91	-1038.56	-172.40
89	1	97	25.77	0.31	-168.13	-165.57	-2.26	20.63	8.73	-3629.12	-460.90	-3159.49	1219.79
		130	19.59	46.05	-127.20	-113.93	32.78	46.07	-675.72	-2760.52	-692.94	-2743.30	-188.67
		129	18.71	17.50	-190.20	-184.61	11.91	33.61	-1189.61	-2933.69	-1387.50	-2735.80	553.14
		115	16.53	-9.73	-156.61	-154.84	-11.50	16.02	-891.84	-2486.50	-1261.34	-2117.00	672.83
89	24	97	21.57	-26.15	-130.46	-120.65	-35.96	30.45	-3.49	-3068.95	-403.71	-2668.73	1032.80
		130	15.60	23.41	-104.93	-81.71	0.19	49.41	-577.46	-2355.10	-580.91	-2351.64	-78.34
		129	16.59	0.98	-145.39	-133.37	-11.04	40.18	-1005.55	-2533.82	-1178.85	-2360.52	484.58
		115	15.22	-30.33	-120.35	-111.28	-39.41	27.10	-763.04	-2200.85	-1082.34	-1881.55	597.61
89	56	97	21.86	-27.93	-131.00	-120.05	-38.88	31.77	-4.18	-3093.65	-408.02	-2689.81	1041.42
		130	15.65	22.86	-105.90	-81.16	-1.88	50.73	-582.35	-2376.12	-585.26	-2373.21	-72.18
		129	16.79	0.26	-145.60	-132.64	-12.70	41.50	-1013.55	-2558.77	-1188.79	-2383.53	489.98
		115	15.45	-31.84	-120.90	-110.65	-42.09	28.42	-769.69	-2226.64	-1092.26	-1904.08	604.91
90	2	115	16.85	-11.86	-159.04	-154.65	-16.26	25.05	-1077.86	-2586.06	-1255.67	-2408.25	486.38
		129	17.92	9.03	-176.63	-168.23	0.63	38.58	-1250.94	-2780.44	-1382.95	-2648.43	429.52
		131	15.79	3.68	-176.04	-158.96	-13.39	52.70	-991.85	-2168.45	-1211.41	-1948.89	458.39
		116	13.36	-17.19	-161.68	-152.10	-26.76	35.94	-850.36	-1931.07	-911.59	-1869.84	249.84
90	24	115	15.21	-18.16	-128.28	-111.25	-35.19	39.81	-896.61	-2219.79	-1064.43	-2051.98	440.33
		129	16.02	0.69	-142.60	-121.93	-19.98	50.34	-1030.26	-2380.19	-1163.81	-2246.63	403.05
		131	14.49	-3.25	-157.73	-127.63	-33.35	61.18	-809.58	-1903.26	-1010.27	-1702.57	423.33
		116	12.57	-22.57	-145.78	-122.47	-45.88	48.26	-707.29	-1702.98	-778.33	-1631.93	256.30
90	56	115	15.42	-18.34	-129.41	-110.54	-37.22	41.72	-902.49	-2239.88	-1073.34	-2069.04	446.43
		129	16.23	0.59	-143.64	-121.23	-21.82	52.25	-1036.17	-2401.43	-1172.85	-2264.76	409.78
		131	14.71	-3.49	-160.05	-128.11	-35.43	63.08	-813.38	-1923.90	-1017.18	-1720.10	429.87
		116	12.78	-22.99	-148.12	-122.96	-48.16	50.16	-711.72	-1721.80	-785.11	-1648.41	262.19
91	2	116	13.61	-24.07	-160.61	-151.44	-33.25	34.19	-859.74	-1954.60	-929.07	-1885.28	266.64
		131	16.08	0.19	-178.62	-158.40	-20.03	56.62	-961.55	-2202.66	-1174.28	-1989.93	467.73
		132	10.38	-16.39	-152.20	-132.64	-35.95	47.69	402.36	-623.63	-363.46	142.20	446.37
		117	7.16	-36.45	-157.42	-143.96	-49.91	38.05	296.74	-225.19	-176.93	248.48	151.19
91	28	116	11.95	-23.83	-143.26	-121.11	-45.98	46.42	-686.93	-1572.69	-773.16	-1486.46	262.58
		131	14.18	-3.81	-159.65	-126.63	-36.83	63.68	-741.51	-1799.19	-963.89	-1576.80	430.99
		132	9.77	-20.99	-155.29	-123.88	-52.40	56.86	339.10	-560.71	-294.46	72.85	410.71
		117	6.93	-36.56	-157.75	-132.22	-62.09	49.42	238.80	-223.84	-149.09	164.04	170.28
91	60	116	12.09	-23.90	-145.40	-121.53	-47.76	48.27	-688.62	-1578.15	-778.35	-1488.43	267.88
		131	14.35	-3.85	-161.92	-127.06	-38.72	65.54	-741.00	-1808.05	-969.26	-1579.80	437.56
		132	9.94	-21.57	-158.95	-125.92	-54.61	58.71	343.02	-567.77	-295.54	70.79	416.93
		117	7.08	-37.13	-161.30	-134.23	-64.20	51.27	241.53	-228.45	-149.98	163.06	175.28
92	2	117	6.47	-55.37	-144.75	-142.69	-57.42	13.40	327.68	-246.75	-154.72	235.64	210.70
		132	11.26	-1.28	-171.85	-129.65	-43.48	73.60	373.42	-617.41	-327.03	83.04	451.00
		133	28.80	-48.64	-127.56	-119.00	-57.20	-24.54	4550.97	857.68	865.85	4542.80	173.54
		96	29.05	-42.98	-178.35	-155.28	-66.05	50.90	4610.01	909.26	911.17	4608.09	84.19
92	24	117	6.83	-54.78	-141.96	-131.08	-65.66	28.81	577.76	-128.93	-63.72	512.56	204.52
		132	10.58	-6.87	-170.52	-121.44	-55.96	74.99	562.48	-410.98	-203.40	354.91	398.72
		133	24.42	-70.98	-134.53	-134.53	-70.98	-0.29	3802.68	736.63	745.57	3793.73	165.36
		96	25.00	-47.87	-191.09	-162.17	-76.79	57.49	3886.30	785.78	788.38	3883.70	89.75
92	56	117	7.01	-55.46	-145.06	-133.07	-67.46	30.51	605.87	-124.47	-59.13	540.52	208.46
		132	10.76	-7.26	-174.08	-123.46	-57.87	76.69	586.42	-406.68	-199.47	379.21	403.54
		133	24.62	-73.31	-138.58	-138.55	-73.34	1.42	3827.92	743.37	752.59	3818.71	168.34
		96	25.23	-49.10	-196.10	-166.17	-79.03	59.20	3915.08	793.41	796.13	3912.36	92.06
93	2	130	16.21	15.90	-131.38	-124.39	8.91	31.31	-844.01	-2485.41	-845.61	-2483.81	51.23
		135	14.65	0.69	-147.27	-144.22	-2.36	21.02	-1386.90	-2183.08	-1559.07	-2010.91	-327.77
		134	18.91	13.64	-192.21	-180.87	2.29	46.98	-1837.95	-2608.92	-1960.99	-2485.88	282.35
		129	17.91	20.89	-180.22	-173.77	14.43	35.45	-1222.26	-2845.23	-1356.75	-2710.74	447.42
93	24	130	13.31	-0.72	-121.22	-105.38	-16.56	40.71	-739.99	-2156.30	-742.84	-2153.45	63.48
		135	11.99	-1.95	-118.37	-108.25	-12.08	32.80	-1173.92	-1811.22	-1277.14	-1708.00	-234.79
		134	15.97	11.67	-153.58	-134.57	-7.33	52.72	-1500.16	-2204.40	-1623.20	-2081.36	267.41
		129	16.08	5.73	-144.74	-130.67	-8.34	43.80	-1045.63	-2464.26	-1173.48	-2336.41	406.24
93	56	130	13.52	-1.62	-123.33	-106.28	-18.67	42.24	-748.48	-2178.40	-751.50	-2175.38	65.59
		135	12.06	-1.87	-119.10	-107.99	-12.98	34.34	-1183.12	-1823.94	-1284.42	-1722.64	-233.78
		134	16.11	12.01	-154.29	-134.15	-8.13	54.26	-1507.93	-2222.48	-1633.75	-2096.66	272.16
		129	16.30	5.07	-145.55	-130.38	-10.10	45.34	-1055.18	-2489.25	-1185.43	-2359.00	412.09
94	2	129	17.74	8.17	-176.13	-169.64	1.67	33.97	-1259.90	-2770.50	-1383.76	-2646.63	414.45

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		134	18.98	9.23	-193.45	-181.96	-2.25	46.86	-1845.92	-2592.09	-1975.40	-2462.62	282.57
		136	19.38	14.45	-189.81	-169.42	-5.93	61.22	-1070.23	-2523.99	-1699.82	-1894.41	720.34
		131	15.60	2.47	-173.37	-158.39	-12.51	49.09	-990.32	-2166.31	-1200.02	-1956.62	450.15
94	24	129	15.91	-3.32	-144.75	-127.74	-20.33	46.00	-1057.19	-2368.98	-1185.48	-2240.69	389.65
		134	16.38	5.41	-158.49	-136.39	-16.69	55.97	-1483.91	-2225.50	-1636.39	-2073.02	299.71
		136	17.09	10.56	-165.13	-134.16	-20.41	66.95	-876.25	-2170.48	-1413.09	-1633.64	637.65
		131	14.37	-5.01	-153.92	-126.67	-32.27	57.58	-797.30	-1908.90	-998.39	-1707.81	427.90
94	56	129	16.12	-3.78	-145.97	-127.47	-22.28	47.83	-1064.97	-2389.96	-1196.54	-2258.39	396.26
		134	16.55	5.58	-159.65	-136.06	-18.01	57.81	-1489.35	-2246.32	-1647.05	-2088.62	307.42
		136	17.30	10.76	-167.05	-134.47	-21.82	68.79	-880.53	-2191.02	-1422.55	-1649.00	645.39
		131	14.59	-5.32	-156.09	-127.10	-34.31	59.41	-800.09	-1930.20	-1005.02	-1725.28	435.43
95	2	131	15.85	-4.19	-173.12	-158.63	-18.67	47.30	-953.75	-2216.55	-1171.88	-1998.41	477.36
		136	19.60	11.96	-193.20	-168.70	-12.55	66.54	-1063.59	-2532.11	-1679.98	-1915.72	724.74
		137	15.55	8.02	-146.97	-120.08	-18.87	58.70	539.86	-1278.61	-702.38	-36.38	846.06
		132	10.27	-12.41	-155.74	-132.39	-35.75	52.93	371.29	-590.00	-357.38	138.66	411.71
95	28	131	14.03	-8.88	-152.80	-126.22	-35.46	55.85	-725.10	-1820.09	-961.79	-1583.40	450.72
		136	17.04	7.92	-168.68	-133.33	-27.43	70.66	-782.90	-2101.37	-1354.97	-1529.29	653.45
		137	13.99	3.13	-145.10	-107.26	-34.71	64.63	464.21	-1099.19	-560.48	-74.50	742.97
		132	9.67	-15.54	-152.99	-117.47	-51.06	60.17	324.22	-547.68	-292.97	69.50	396.49
95	60	131	14.20	-9.05	-154.85	-126.59	-37.31	57.64	-723.58	-1829.95	-967.14	-1586.40	458.42
		136	17.23	8.07	-170.68	-133.64	-28.97	72.45	-779.03	-2114.80	-1360.50	-1533.33	662.27
		137	14.18	3.02	-148.16	-108.65	-36.49	66.42	469.62	-1109.39	-562.06	-77.71	751.44
		132	9.85	-15.89	-156.19	-118.93	-53.15	61.96	329.00	-555.97	-294.35	67.38	403.83
96	1	132	9.42	-33.03	-137.95	-129.54	-41.44	28.49	407.14	-637.75	-316.51	85.90	482.14
		137	16.94	26.83	-170.37	-118.30	-25.24	86.93	522.78	-1308.63	-642.70	-143.15	880.98
		138	26.47	-17.72	-73.53	-62.22	-29.03	-22.43	4195.20	679.09	702.63	4171.66	286.73
		133	28.74	-21.87	-151.41	-119.18	-54.10	56.00	4586.65	869.41	877.15	4578.91	169.44
96	24	132	9.05	-36.29	-132.98	-114.71	-54.56	37.85	593.42	-440.63	-200.55	353.34	436.59
		137	14.89	15.65	-162.69	-105.82	-41.22	83.11	635.72	-975.67	-461.10	121.15	751.25
		138	22.19	-48.30	-83.61	-83.54	-48.36	-1.52	3467.20	578.85	603.96	3442.10	268.11
		133	24.47	-31.67	-164.34	-127.52	-68.50	59.41	3822.12	740.43	749.72	3812.84	168.90
96	56	132	9.22	-36.86	-135.63	-116.13	-56.36	39.31	617.87	-437.19	-196.91	377.58	442.47
		137	15.06	15.38	-165.57	-107.22	-42.96	84.58	656.07	-973.69	-458.30	140.68	757.85
		138	22.35	-50.52	-86.86	-86.86	-50.52	-0.05	3488.06	583.97	609.76	3462.27	272.45
		133	24.67	-32.88	-168.67	-130.85	-70.71	60.87	3847.39	746.85	756.48	3837.76	172.52
97	3	135	14.42	22.33	-177.55	-177.53	22.31	-2.12	-1433.58	-1610.75	-1608.89	-1435.44	18.05
		140	26.41	-27.37	-205.15	-205.03	-27.49	-4.63	-1472.79	-3498.53	-3449.98	-1521.33	-309.81
		139	29.46	-17.94	-251.29	-251.01	-18.21	8.00	-1667.36	-3773.99	-3757.12	-1684.23	187.77
		134	17.21	47.54	-239.50	-237.37	45.42	24.60	-1499.87	-1796.42	-1754.14	-1542.15	103.69
97	16	135	11.85	3.13	-124.50	-120.44	-0.92	22.38	-1161.71	-1733.24	-1277.71	-1617.24	-229.87
		140	16.60	-18.78	-145.11	-139.00	-24.89	27.10	-1024.94	-2312.04	-2095.07	-1241.91	-481.85
		139	18.82	-12.87	-168.10	-158.60	-22.37	37.21	-1511.92	-2418.97	-2372.43	-1558.46	200.12
		134	15.37	16.58	-159.06	-147.78	5.30	43.06	-1490.42	-2100.98	-1592.42	-1998.97	227.76
97	48	135	11.90	3.51	-125.58	-121.22	-0.85	23.32	-1169.59	-1740.00	-1284.88	-1624.71	-229.06
		140	16.64	-18.28	-146.10	-139.62	-24.76	28.05	-1030.70	-2317.89	-2101.86	-1246.72	-481.04
		139	18.90	-12.36	-169.24	-159.33	-22.26	38.16	-1516.18	-2426.73	-2379.55	-1563.36	201.83
		134	15.46	17.05	-160.19	-148.50	5.36	44.00	-1496.60	-2109.88	-1599.94	-2006.53	229.56
98	3	134	17.19	36.48	-240.46	-239.15	35.17	19.03	-1492.35	-1795.50	-1750.94	-1536.92	107.35
		139	29.68	-16.81	-256.03	-254.35	-18.49	19.97	-1683.81	-3783.86	-3766.50	-1701.16	190.13
		141	26.50	3.29	-245.87	-242.77	0.19	27.62	-1098.71	-3207.74	-3029.54	-1276.91	586.58
		136	14.95	49.61	-232.01	-225.60	43.19	42.01	-1012.37	-1368.81	-1345.68	-1035.50	87.80
98	24	134	16.22	1.16	-158.85	-139.39	-18.30	52.30	-1452.84	-2206.82	-1604.82	-2054.84	302.47
		139	19.21	-9.04	-174.27	-151.36	-31.95	57.10	-1511.67	-2456.85	-2377.99	-1590.53	261.38
		141	21.24	5.12	-166.30	-139.02	-22.16	62.71	-642.08	-2650.83	-1983.37	-1309.54	946.18
		136	17.14	13.93	-162.36	-129.76	-18.67	68.44	-847.17	-2178.54	-1394.79	-1630.93	655.13
98	56	134	16.38	1.33	-160.30	-139.28	-19.69	54.37	-1456.27	-2225.80	-1612.45	-2069.62	309.51
		139	19.31	-8.00	-175.65	-151.20	-32.45	59.17	-1516.53	-2467.64	-2384.70	-1599.47	268.34
		141	21.42	6.23	-167.85	-138.94	-22.68	64.78	-640.73	-2667.20	-1989.48	-1318.45	956.07
		136	17.36	14.42	-164.22	-129.72	-20.08	70.51	-847.62	-2200.00	-1401.91	-1645.71	665.11
99	3	136	14.71	40.43	-230.82	-225.17	34.78	38.73	-1019.94	-1350.98	-1323.94	-1046.98	90.66
		141	26.52	4.22	-252.13	-244.28	-3.63	44.16	-1108.22	-3163.64	-2984.06	-1287.80	580.39
		142	17.41	29.84	-153.51	-145.29	21.62	37.96	143.83	-1715.36	-1443.45	-128.08	656.95
		137	10.34	49.43	-165.35	-150.17	34.26	55.04	156.03	-521.14	-520.27	155.16	24.26
99	24	136	17.18	3.14	-163.81	-133.93	-26.74	64.00	-736.68	-2150.40	-1362.75	-1524.33	702.23
		141	21.80	7.20	-177.07	-140.44	-29.43	73.54	-571.21	-2639.47	-1953.51	-1257.17	973.76
		142	19.70	17.36	-125.21	-89.04	-18.81	62.03	705.67	-1865.09	-940.03	-219.38	1233.84
		137	14.29	10.89	-147.10	-102.06	-34.15	71.33	463.75	-1103.80	-571.58	-68.47	742.31
99	56	136	17.39	3.27	-165.94	-134.33	-28.33	65.95	-730.19	-2165.57	-1368.26	-1527.49	713.26
		141	22.00	8.10	-178.77	-140.40	-30.28	75.49	-564.04	-2655.74	-1959.05	-1260.73	985.85
		142	19.94	18.15	-127.68	-89.74	-19.78	63.98	714.95	-1878.69	-941.39	-222.35	1245.99
		137	14.49	11.19	-149.98	-102.92	-35.87	73.28	470.45	-1114.34	-572.89	-70.99	751.60
100	1	137	15.32	-6.00	-132.56	-118.38	-20.19	39.92	561.96	-1400.43	-668.78	-169.69	948.93
		142	24.70	33.82	-164.67	-108.71	-22.14	89.31	840.30	-2285.91	-1094.19	-351.42	1518.34

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		143	20.11	40.50	-26.08	9.25	5.17	-33.23	3037.55	219.23	290.01	2966.77	440.99
		138	26.69	16.66	-108.86	-61.52	-30.68	60.84	4241.02	706.59	729.67	4217.94	284.68
100	24	137	13.56	-12.43	-123.59	-99.84	-36.18	45.56	681.02	-1048.61	-470.68	103.09	815.84
		142	21.08	27.62	-150.45	-91.20	-31.63	83.90	859.47	-1791.76	-812.69	-119.60	1279.52
		143	16.47	-4.66	-26.70	-17.35	-14.00	-10.89	2506.85	210.52	282.29	2435.08	399.57
		138	22.22	2.96	-123.70	-73.05	-47.69	62.05	3505.72	610.91	636.67	3479.96	271.85
100	56	137	13.73	-12.77	-125.72	-100.68	-37.81	46.92	702.73	-1046.63	-466.77	122.87	823.50
		142	21.27	27.91	-152.58	-91.93	-32.75	85.26	878.35	-1795.07	-810.15	-106.57	1289.59
		143	16.56	-7.78	-27.30	-19.63	-15.45	-9.54	2522.18	214.37	287.82	2448.73	405.11
		138	22.38	2.16	-127.25	-75.43	-49.65	63.41	3526.93	617.06	643.62	3500.37	276.75
101	3	140	27.47	-29.93	-215.54	-208.44	-37.03	-35.59	-1324.53	-3577.78	-3481.20	-1421.11	-456.38
		145	43.96	-85.68	-224.60	-189.39	-120.90	60.43	-1426.56	-6504.45	-6415.08	-1515.92	-667.69
		144	50.33	-88.53	-326.21	-290.48	-124.27	-84.95	-1656.97	-6989.90	-6974.61	-1672.26	285.11
		139	30.22	-3.09	-250.18	-245.85	-7.43	32.43	-1591.92	-3869.17	-3852.72	-1608.36	192.79
101	15	140	18.58	-25.97	-139.55	-139.28	-26.24	-5.50	-832.54	-2516.92	-2222.65	-1126.81	-639.59
		145	24.08	-45.84	-169.51	-132.41	-82.94	56.67	-760.30	-3504.45	-3386.49	-878.26	-556.60
		144	25.70	-64.25	-193.91	-182.46	-75.70	-36.79	-948.45	-3452.55	-3434.99	-966.01	208.94
		139	20.10	-2.88	-166.32	-155.92	-13.28	39.89	-1444.06	-2641.97	-2615.14	-1470.89	177.28
101	47	140	18.69	-25.56	-140.11	-139.82	-25.85	-5.73	-837.01	-2531.02	-2238.55	-1129.47	-640.23
		145	24.20	-46.18	-169.69	-133.01	-82.87	56.44	-762.93	-3520.16	-3402.38	-880.70	-557.56
		144	25.84	-64.12	-194.73	-183.23	-75.63	-37.02	-951.52	-3470.28	-3452.98	-968.83	208.06
		139	20.23	-2.71	-166.84	-156.62	-12.92	39.65	-1447.47	-2659.59	-2633.13	-1473.94	177.14
102	3	139	30.28	-19.83	-266.02	-263.40	-22.45	-25.27	-1548.11	-3864.97	-3816.03	-1597.05	333.13
		144	50.14	-73.40	-305.05	-248.82	-129.63	99.32	-1703.96	-7113.74	-7113.57	-1704.13	30.45
		146	44.14	-54.07	-321.96	-273.16	-102.87	-103.40	-1169.70	-6173.63	-5930.92	-1412.41	1074.98
		141	28.63	24.46	-252.86	-237.14	8.74	64.12	-899.91	-3384.74	-3070.51	-1214.14	825.87
102	15	139	20.00	-20.06	-164.97	-164.91	-20.12	2.97	-1339.92	-2646.83	-2576.00	-1410.76	295.90
		144	25.98	-36.99	-212.31	-161.00	-88.29	79.76	-976.11	-3516.50	-3514.91	-977.70	63.55
		146	22.57	-47.01	-184.33	-167.25	-64.09	-45.31	-446.86	-3097.62	-2754.88	-789.60	889.41
		141	22.83	18.98	-166.75	-144.42	-3.34	60.39	-517.50	-2821.26	-2171.80	-1166.96	1036.53
102	47	139	20.12	-19.55	-165.63	-165.58	-19.60	2.72	-1343.43	-2663.57	-2593.84	-1413.16	295.28
		144	26.11	-37.81	-212.80	-161.82	-88.79	79.51	-978.37	-3534.36	-3532.78	-979.95	63.66
		146	22.68	-47.39	-185.27	-168.07	-64.59	-45.56	-450.42	-3111.39	-2770.32	-791.48	889.51
		141	22.90	19.19	-167.11	-145.09	-2.82	60.14	-523.78	-2832.42	-2187.23	-1168.96	1035.97
103	3	141	27.45	-2.58	-246.91	-246.67	-2.81	-7.54	-773.26	-3443.15	-2995.43	-1220.98	997.45
		146	45.91	-32.75	-321.61	-247.05	-107.31	126.41	-1299.55	-6084.51	-5951.09	-1432.96	787.78
		147	26.56	28.45	-226.18	-152.26	-45.48	-115.58	149.84	-3506.54	-2794.26	-562.44	1448.12
		142	21.55	56.80	-181.02	-147.67	23.45	82.58	385.60	-1955.08	-1433.59	-135.90	974.01
103	16	141	22.98	-7.74	-154.69	-148.27	-14.16	30.03	-290.25	-2954.37	-2072.00	-1172.61	1253.86
		146	25.73	12.13	-229.87	-152.32	-65.41	112.93	-532.92	-3001.55	-2725.96	-808.51	777.42
		147	17.54	0.69	-100.43	-82.11	-17.64	-38.95	633.13	-2052.82	-1114.49	-305.19	1280.56
		142	23.17	48.24	-139.11	-86.38	-4.49	84.25	875.24	-2093.90	-1009.03	-209.63	1429.75
103	48	141	23.12	-7.13	-155.73	-148.90	-13.96	31.11	-290.86	-2966.82	-2082.62	-1175.06	1258.68
		146	25.88	12.72	-231.42	-152.98	-65.72	114.01	-532.08	-3015.01	-2736.57	-810.52	783.46
		147	17.55	-0.41	-99.92	-82.44	-17.88	-37.87	635.96	-2062.96	-1120.06	-306.93	1286.76
		142	23.29	49.35	-140.18	-86.63	-4.21	85.34	876.56	-2103.21	-1014.62	-212.03	1434.82
104	3	142	19.55	23.98	-133.17	-132.97	23.78	5.67	507.03	-2173.50	-1394.74	-271.73	1216.97
		147	28.69	42.19	-261.89	-168.41	-51.29	140.31	138.38	-2835.36	-2255.31	-441.68	1178.33
		2	14.65	204.04	-65.02	118.08	20.94	-125.45	855.34	-367.30	-145.83	633.87	470.89
		143	12.94	62.82	-34.14	15.88	12.80	48.45	1895.75	171.72	180.42	1887.05	122.16
104	24	142	23.40	-4.32	-86.30	-72.63	-17.99	30.56	1255.42	-2339.42	-909.87	-174.13	1759.37
		147	22.34	78.30	-196.44	-89.01	-29.13	134.07	800.39	-1610.39	-721.34	-88.66	1163.14
		2	10.50	127.11	-27.33	74.43	25.35	-73.22	814.74	-257.14	-51.81	609.41	421.81
		143	15.31	39.78	-98.50	-17.76	-40.96	68.16	2314.57	307.75	399.21	2223.11	418.53
104	56	142	23.58	-4.09	-87.78	-72.87	-19.01	32.03	1274.02	-2340.39	-905.69	-160.67	1768.40
		147	22.50	79.68	-197.90	-88.97	-29.25	135.54	813.35	-1613.57	-718.27	-81.94	1171.01
		2	10.48	125.11	-26.39	73.66	25.06	-71.74	823.62	-258.62	-50.74	615.73	426.34
		143	15.43	40.19	-101.04	-18.72	-42.13	69.64	2329.16	308.56	401.59	2236.13	423.47
105	2	99	20.06	-15.17	-220.74	-118.10	-117.82	-102.78	2585.28	-337.75	-295.58	2543.10	-348.56
		150	12.36	68.30	-42.37	-38.89	64.82	-19.31	1048.03	-567.03	-271.35	752.34	-624.60
		149	15.64	46.08	-121.91	-57.34	-18.48	-81.72	922.98	-940.53	-341.84	324.29	-870.19
		148	7.73	45.56	16.14	45.56	16.15	0.44	794.80	-512.98	68.46	213.36	-649.86
105	5	99	15.40	-16.61	-200.76	-118.77	-98.60	-91.52	1911.49	-263.05	-227.66	1876.10	-275.15
		150	10.54	58.50	-62.75	-55.66	51.41	-28.45	796.76	-448.27	-210.07	558.57	-489.71
		149	12.84	52.37	-104.57	-46.25	-5.94	-75.84	708.37	-726.12	-245.76	228.01	-677.00
		148	6.72	35.35	0.78	29.50	6.63	-12.95	569.64	-448.99	46.38	74.27	-509.12
105	37	99	15.44	-17.14	-203.94	-121.45	-99.63	-92.76	1904.50	-263.59	-227.84	1868.75	-276.10
		150	10.64	59.12	-65.60	-58.08	51.60	-29.69	796.61	-449.44	-210.30	557.47	-490.70
		149	12.92	53.91	-105.66	-46.49	-5.26	-77.08	708.90	-726.50	-244.30	226.71	-677.96
		148	6.80	35.76	-0.85	29.01	5.89	-14.19	566.50	-453.87	46.22	66.40	-510.09
106	2	148	8.13	18.71	-18.45	-5.69	5.95	-17.65	781.88	-425.67	-8.63	364.84	-574.18
		149	14.16	42.95	-78.65	-28.05	-7.65	-59.94	848.41	-991.58	-324.47	181.30	-884.56
		152	12.94	12.61	-54.43	-28.02	-13.80	-32.76	239.27	-1525.72	-407.27	-879.18	-850.36

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		151	10.30	63.59	7.06	8.07	62.58	-7.46	224.74	-1218.69	22.82	-1016.77	-500.68
106	6	148	6.85	9.17	-22.83	-5.29	-8.38	-15.92	633.47	-396.78	-2.60	239.30	-500.72
		149	11.56	36.30	-61.91	-20.95	-4.65	-48.42	687.27	-818.92	-245.14	113.50	-731.44
		152	10.62	13.68	-42.42	-19.55	-9.20	-27.57	223.91	-1234.05	-308.36	-701.78	-701.94
		151	8.08	36.93	3.34	5.48	34.79	-8.21	210.30	-1011.47	22.32	-823.49	-440.83
106	38	148	6.91	8.80	-23.79	-5.38	-9.61	-16.16	636.30	-403.41	-2.24	235.12	-506.13
		149	11.62	36.59	-62.08	-20.91	-4.58	-48.65	690.34	-824.33	-244.83	110.84	-736.16
		152	10.68	14.02	-42.51	-19.37	-9.12	-27.80	227.44	-1239.62	-307.97	-704.21	-706.27
		151	8.10	35.89	3.09	5.43	33.55	-8.44	213.70	-1018.37	22.78	-827.44	-445.85
107	1	151	10.04	67.13	5.57	7.44	65.26	-10.56	249.04	-1172.30	32.46	-955.72	-510.81
		152	12.79	11.33	-51.84	-27.29	-13.22	-30.79	222.54	-1529.73	-423.22	-883.97	-845.30
		154	13.41	-11.71	-51.09	-47.03	-15.78	11.98	-313.45	-2098.60	-531.89	-1880.16	-585.01
		153	18.90	80.96	-0.21	-0.14	80.90	-2.21	28.88	-2429.65	-16.57	-2384.20	-331.17
107	24	151	8.36	5.33	-0.23	1.33	3.77	2.49	163.76	-1137.33	-22.04	-951.53	-455.21
		152	10.40	-7.74	-34.48	-19.22	-22.99	-13.24	141.77	-1335.51	-361.94	-831.80	-700.28
		154	11.30	-9.50	-50.21	-34.75	-24.96	19.76	-249.16	-1767.91	-426.07	-1591.00	-487.22
		153	14.67	19.02	-8.92	-5.59	15.69	9.05	5.66	-2088.25	-39.61	-2042.97	-304.54
107	56	151	8.42	3.93	-3.12	0.94	-0.13	3.49	160.78	-1158.11	-26.42	-970.91	-460.28
		152	10.45	-8.98	-33.94	-19.03	-23.89	-12.25	138.79	-1349.26	-365.15	-845.32	-704.23
		154	11.40	-9.03	-51.44	-34.60	-25.87	20.75	-250.07	-1781.43	-427.37	-1604.13	-489.98
		153	14.70	16.28	-10.59	-6.09	11.78	10.04	3.97	-2108.02	-42.08	-2061.97	-308.43
108	1	153	17.88	99.66	41.64	52.06	89.24	-22.27	409.79	-2240.49	264.45	-2095.15	-603.38
		154	14.07	-14.96	-89.49	-69.96	-34.49	32.77	-586.69	-2286.34	-696.50	-2176.53	-417.82
		130	14.08	37.63	-120.63	-114.23	31.23	31.17	-506.03	-1874.43	-576.26	-1804.20	-301.94
		97	34.70	44.01	-151.39	-108.03	0.65	81.19	-427.50	-5310.45	-571.75	-5166.21	826.75
108	24	153	15.68	30.16	1.28	30.13	1.31	-0.89	234.83	-2147.95	133.56	-2046.67	-480.69
		154	12.08	-4.04	-87.83	-52.86	-39.02	41.32	-474.56	-1947.56	-560.53	-1861.58	-345.33
		130	11.61	25.49	-96.45	-81.69	10.74	39.77	-448.34	-1616.02	-484.51	-1579.85	-202.29
		97	31.48	-5.16	-167.36	-104.35	-68.17	79.06	-400.95	-4534.96	-520.65	-4415.26	693.19
108	56	153	16.03	29.23	-4.55	29.22	-4.54	0.61	226.82	-2185.57	127.05	-2085.80	-480.34
		154	12.20	-3.05	-89.64	-52.74	-39.94	42.82	-476.81	-1964.24	-562.65	-1878.41	-346.85
		130	11.69	25.66	-97.07	-81.12	9.71	41.27	-453.38	-1632.23	-488.20	-1597.41	-199.59
		97	31.93	-8.06	-172.36	-106.31	-74.11	80.56	-407.52	-4575.57	-527.97	-4455.12	698.23
109	1	150	12.11	34.64	-70.70	-36.81	0.76	-49.21	1322.34	-247.10	-95.17	1170.41	-464.07
		156	13.03	45.63	-41.22	-8.77	13.17	-42.02	1234.64	-573.55	-178.51	839.60	-747.17
		155	12.97	33.63	-75.06	-46.65	5.22	-47.75	583.48	-1086.40	-535.32	32.40	-785.21
		149	11.43	46.00	-63.96	-32.31	14.35	-49.79	638.41	-787.28	-326.20	177.33	-666.90
109	5	150	9.96	36.21	-72.94	-41.70	4.98	-49.33	992.14	-185.56	-52.70	859.28	-372.58
		156	10.79	40.21	-51.89	-20.97	9.29	-43.50	956.77	-441.57	-113.47	628.68	-592.57
		155	10.76	33.39	-73.94	-43.87	3.31	-48.20	466.45	-834.64	-379.90	11.71	-620.38
		149	9.56	47.82	-63.11	-31.91	16.62	-49.87	490.76	-611.40	-222.20	101.56	-526.77
109	37	150	10.03	37.20	-74.63	-42.91	5.47	-50.41	992.20	-184.51	-50.51	858.21	-373.79
		156	10.86	40.73	-53.82	-22.29	9.20	-44.57	957.81	-441.10	-110.99	627.70	-593.99
		155	10.83	34.12	-75.45	-44.60	3.27	-49.28	468.31	-834.28	-376.75	10.78	-621.81
		149	9.64	49.04	-64.35	-32.52	17.22	-50.95	492.33	-611.06	-219.32	100.59	-528.00
110	2	149	11.70	41.95	-79.01	-36.20	-0.86	-57.84	641.98	-772.62	-300.72	170.08	-666.98
		155	12.74	28.89	-68.05	-45.04	5.88	-41.25	568.28	-1119.82	-557.55	6.02	-795.62
		157	12.90	10.77	-90.08	-80.45	1.14	-29.64	-68.66	-1588.57	-906.89	-750.34	-755.91
		152	10.78	19.99	-51.67	-30.93	-0.76	-32.50	56.49	-1335.93	-423.41	-856.02	-661.76
110	5	149	9.98	45.87	-78.00	-34.96	2.83	-58.99	542.67	-563.99	-190.15	168.83	-523.41
		155	10.76	33.41	-70.84	-42.52	5.10	-46.37	482.70	-836.87	-388.91	34.74	-624.86
		157	10.60	20.05	-77.85	-60.56	2.76	-37.33	-6.67	-1200.78	-658.80	-548.65	-594.51
		152	9.00	32.81	-50.53	-22.17	4.45	-39.49	92.08	-1000.35	-285.75	-622.52	-519.62
110	37	149	10.08	47.02	-79.70	-35.65	2.96	-60.35	547.00	-561.69	-186.42	171.74	-524.62
		155	10.85	34.40	-72.60	-43.26	5.06	-47.73	486.90	-835.00	-385.25	37.16	-626.29
		157	10.67	21.14	-78.79	-60.44	2.79	-38.70	-2.31	-1199.17	-655.23	-546.26	-595.95
		152	9.07	34.36	-51.62	-22.03	4.77	-40.85	96.60	-998.37	-282.12	-619.65	-520.82
111	2	152	10.95	18.73	-54.13	-31.07	-4.33	-33.89	67.68	-1340.26	-408.84	-863.74	-666.21
		157	12.69	5.33	-87.46	-80.03	-2.10	-25.19	-77.87	-1592.65	-911.80	-758.71	-753.51
		158	13.00	-0.43	-109.50	-109.23	-0.71	-5.47	-712.72	-1924.53	-1220.63	-1416.62	-597.93
		154	12.72	1.92	-62.15	-61.49	1.26	6.48	-438.56	-1974.05	-573.16	-1839.44	-434.24
111	24	152	8.52	-11.67	-25.69	-23.10	-14.26	-5.44	1.21	-1201.91	-386.75	-813.95	-562.36
		157	9.48	-3.29	-59.76	-59.73	-3.32	1.21	-82.86	-1342.16	-760.56	-664.46	-627.81
		158	10.12	0.28	-93.26	-90.28	-2.70	16.43	-583.86	-1588.44	-1000.70	-1171.59	-494.97
		154	11.00	0.76	-66.75	-54.99	-10.99	25.60	-397.57	-1683.43	-515.19	-1565.81	-370.69
111	56	152	8.54	-13.84	-24.42	-23.07	-15.19	-3.53	-4.30	-1217.50	-393.61	-828.19	-566.35
		157	9.46	-3.20	-59.74	-59.57	-3.37	3.12	-85.79	-1352.58	-766.15	-672.21	-631.65
		158	10.13	0.85	-94.53	-90.86	-2.82	18.35	-588.04	-1597.82	-1006.51	-1179.35	-497.44
		154	11.12	1.26	-68.99	-55.70	-12.03	27.51	-403.77	-1698.52	-522.23	-1580.05	-373.29
112	1	154	12.79	8.00	-60.55	-60.48	7.92	2.31	-340.23	-1933.16	-505.47	-1767.91	-485.71
		158	12.86	-5.68	-111.00	-111.00	-5.69	0.17	-791.17	-1923.99	-1250.96	-1464.20	-556.28
		135	14.24	5.42	-143.55	-140.56	2.43	20.88	-1324.94	-2124.26	-1539.11	-1910.09	-354.01
		130	17.56	20.67	-119.00	-111.55	13.21	31.40	-803.84	-2670.93	-803.94	-2670.83	13.77

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
112	24	154	11.11	-0.46	-60.66	-53.76	-7.36	19.17	-344.06	-1688.76	-474.03	-1558.79	-397.34
		158	10.28	-7.51	-95.41	-91.75	-11.16	17.54	-679.09	-1606.07	-1032.82	-1252.34	-450.30
		135	11.44	5.61	-115.27	-105.20	-4.46	33.40	-1095.02	-1753.43	-1254.68	-1593.78	-282.19
		130	14.25	14.80	-100.54	-82.85	-2.89	41.56	-703.87	-2251.56	-703.87	-2251.56	0.50
112	56	154	11.23	-0.36	-62.42	-54.41	-8.38	20.82	-352.03	-1706.54	-481.84	-1576.74	-398.71
		158	10.32	-7.28	-96.66	-92.34	-11.61	19.18	-686.41	-1616.76	-1039.38	-1263.80	-451.44
		135	11.49	6.18	-115.98	-104.93	-4.87	35.04	-1103.07	-1763.42	-1261.28	-1605.22	-281.85
		130	14.33	15.21	-101.66	-82.58	-3.88	43.20	-711.69	-2269.49	-711.69	-2269.49	0.65
113	1	156	13.81	57.41	-56.52	-10.12	11.01	-55.98	1288.66	-537.35	-166.19	917.50	-734.83
		160	15.84	46.25	-23.45	-0.75	23.56	-32.66	1264.61	-1130.13	-497.59	632.08	-1055.77
		159	18.08	20.44	-81.67	-66.76	5.52	-36.06	691.51	-1848.23	-1043.94	-112.78	-1181.44
		155	13.38	40.96	-73.02	-46.11	14.05	-48.41	602.85	-1120.18	-551.45	34.12	-810.24
113	23	156	10.74	51.73	-69.02	-23.57	6.28	-58.50	919.76	-350.69	-108.37	677.43	-499.14
		160	12.66	43.47	-43.89	-16.33	15.91	-40.59	948.35	-809.63	-359.71	498.43	-767.15
		159	14.29	24.68	-82.47	-60.38	2.60	-43.35	501.47	-1358.66	-782.16	-75.03	-860.24
		155	10.42	43.22	-76.25	-44.49	11.45	-52.78	387.70	-792.52	-407.54	2.71	-553.31
113	55	156	10.77	52.63	-71.31	-25.03	6.35	-59.95	915.99	-344.23	-106.61	678.37	-492.94
		160	12.71	44.27	-46.28	-17.80	15.79	-42.04	945.76	-804.33	-357.77	499.19	-762.96
		159	14.32	25.67	-84.33	-61.24	2.58	-44.79	498.44	-1353.48	-780.58	-74.46	-856.01
		155	10.44	44.28	-78.14	-45.32	11.46	-54.23	382.96	-785.35	-406.17	3.78	-547.02
114	3	155	9.16	72.50	-119.51	-66.20	19.19	-85.99	21.35	-623.69	-597.27	-5.08	-127.85
		159	16.17	33.30	-104.65	-80.92	9.57	-52.06	107.00	-1754.33	-1455.07	-192.26	-683.72
		161	19.95	10.27	-148.60	-129.52	-8.80	-51.64	-524.13	-2457.77	-2210.63	-771.27	-645.60
		157	9.62	43.97	-115.89	-91.21	19.29	-57.76	-607.34	-1022.19	-988.66	-640.87	-113.06
114	31	155	10.88	38.92	-79.37	-44.40	3.95	-53.98	455.33	-810.94	-407.71	52.10	-589.92
		159	13.89	14.86	-70.72	-56.77	0.91	-31.61	513.36	-1391.50	-802.00	-76.14	-880.57
		161	15.41	3.33	-99.50	-89.96	-6.20	-29.82	29.39	-1832.99	-1285.84	-517.76	-848.31
		157	10.29	20.78	-78.55	-63.97	6.20	-35.15	-48.64	-1180.64	-677.31	-551.97	-562.52
114	63	155	10.93	39.81	-80.85	-45.09	4.06	-55.10	455.09	-807.36	-406.67	54.40	-587.62
		159	13.94	15.50	-72.14	-57.46	0.82	-32.73	512.45	-1388.60	-801.10	-75.05	-878.47
		161	15.47	4.14	-100.46	-90.32	-6.00	-30.94	27.61	-1833.08	-1288.68	-516.79	-846.51
		157	10.33	21.51	-79.68	-64.35	6.19	-36.27	-48.99	-1177.21	-676.40	-549.81	-560.55
115	3	157	9.83	44.94	-123.31	-93.25	14.87	-64.46	-606.29	-1020.12	-987.84	-638.58	-110.99
		161	19.58	1.16	-139.27	-127.21	-10.89	-39.34	-522.59	-2468.24	-2220.13	-770.71	-648.98
		162	23.28	-11.60	-178.57	-170.73	-19.43	-35.32	-1044.95	-3019.88	-2877.42	-1187.41	-510.94
		158	11.51	23.85	-130.95	-126.52	19.42	-25.80	-1091.54	-1340.46	-1323.04	-1108.95	-63.50
115	35	157	10.58	24.30	-84.17	-64.91	5.04	-41.45	-36.38	-1167.37	-672.56	-531.19	-561.06
		161	14.89	-1.44	-93.77	-88.39	-6.82	-21.63	45.35	-1806.09	-1250.66	-510.08	-848.44
		162	16.17	-10.38	-121.20	-118.04	-13.54	-18.42	-462.93	-2101.59	-1699.65	-864.86	-705.04
		158	10.41	7.79	-91.28	-88.61	5.11	-16.05	-587.84	-1464.05	-984.91	-1066.97	-436.18
115	67	157	10.62	25.35	-85.36	-65.26	5.24	-42.68	-35.56	-1162.94	-671.49	-527.01	-559.04
		161	14.93	-0.59	-94.66	-88.74	-6.52	-22.86	45.12	-1803.24	-1249.83	-508.29	-846.54
		162	16.23	-9.71	-122.02	-118.47	-13.26	-19.65	-463.80	-2102.89	-1703.51	-863.18	-703.64
		158	10.45	8.37	-92.12	-89.05	5.30	-17.28	-589.60	-1462.22	-988.89	-1062.92	-434.74
116	3	158	11.65	22.47	-136.53	-128.98	14.92	-33.81	-1084.95	-1335.67	-1320.30	-1100.32	-60.13
		162	23.01	-16.69	-171.52	-168.94	-19.28	-19.83	-1049.68	-3033.00	-2888.28	-1194.40	-515.82
		140	26.01	-25.77	-203.98	-202.49	-27.27	-16.27	-1419.42	-3420.04	-3375.11	-1464.35	-296.43
		135	14.05	29.76	-172.13	-172.13	29.76	-0.54	-1414.45	-1572.22	-1572.16	-1414.51	3.04
116	35	158	10.42	11.00	-94.15	-89.26	6.11	-22.13	-520.69	-1428.25	-918.93	-1030.00	-450.37
		162	15.84	-12.03	-117.58	-117.07	-12.53	-7.28	-466.32	-2108.62	-1710.84	-864.10	-703.60
		140	16.65	-18.93	-136.63	-136.49	-19.07	-4.03	-958.67	-2231.99	-2033.53	-1157.14	-461.87
		135	11.08	10.33	-115.75	-115.75	10.33	-0.03	-1048.09	-1611.37	-1164.92	-1494.54	-228.38
116	67	158	10.45	12.07	-95.02	-89.65	6.70	-23.37	-517.97	-1423.58	-917.61	-1023.94	-449.68
		162	15.91	-11.40	-118.15	-117.47	-12.09	-8.52	-466.23	-2110.22	-1714.83	-861.63	-702.63
		140	16.72	-18.43	-137.31	-137.07	-18.67	-5.27	-957.77	-2235.07	-2038.19	-1154.65	-461.21
		135	11.08	10.90	-116.34	-116.33	10.89	-1.27	-1046.28	-1605.50	-1163.31	-1488.47	-227.49
117	3	160	17.18	91.38	-73.46	-23.92	41.83	-75.58	1023.43	-1137.03	-658.21	544.61	-897.33
		164	15.46	2.48	-39.94	-4.46	-33.00	15.69	562.90	-1830.57	-1303.88	36.22	-991.56
		163	24.33	-33.41	-116.79	-89.61	-60.59	-39.08	-39.01	-3188.61	-2718.95	-508.67	-1121.90
		159	19.29	35.98	-100.62	-81.41	16.76	-47.50	414.28	-2064.44	-1441.63	-208.53	-1075.12
117	23	160	16.16	67.54	-53.99	-11.47	25.02	-57.96	1122.10	-1069.62	-375.42	427.89	-1019.60
		164	10.80	0.25	-23.41	-5.59	-17.57	10.20	558.96	-1172.26	-678.71	65.40	-781.57
		163	16.04	-22.09	-83.18	-65.12	-40.15	-27.88	187.55	-1953.96	-1478.78	-287.64	-889.84
		159	17.22	23.32	-66.32	-53.50	10.51	-31.38	762.28	-1736.39	-863.05	-111.05	-1191.41
117	55	160	16.21	68.71	-55.64	-12.03	25.10	-59.34	1118.34	-1068.56	-378.62	428.39	-1016.27
		164	10.71	-1.28	-22.16	-6.14	-17.30	8.83	556.53	-1172.67	-681.95	65.81	-779.58
		163	16.12	-20.73	-84.59	-65.46	-39.86	-29.25	183.99	-1957.42	-1485.13	-288.29	-887.86
		159	17.28	24.33	-67.58	-53.86	10.61	-32.75	757.32	-1737.10	-869.38	-110.40	-1188.08
118	3	159	20.49	54.11	-128.02	-85.69	11.77	-76.93	398.62	-2044.64	-1446.38	-199.65	-1050.62
		163	22.63	-56.50	-86.55	-79.74	-63.30	12.58	-22.53	-3231.70	-2748.93	-505.30	-1147.27
		165	32.39	-61.14	-171.28	-145.76	-86.66	-46.47	-612.77	-4425.64	-4118.20	-920.21	-1038.13
		161	21.96	3.52	-134.34	-125.64	-5.18	-33.52	-221.58	-2756.25	-2235.43	-742.41	-1024.14
118	27	159	18.42	38.10	-92.81	-57.59	2.88	-58.05	754.99	-1708.53	-866.27	-87.27	-1168.55

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		163	14.66	-38.04	-61.04	-57.70	-41.39	8.11	198.96	-1988.70	-1503.94	-285.80	-908.57
		165	20.09	-39.68	-122.78	-103.42	-59.04	-35.13	-195.82	-2585.11	-2250.44	-530.49	-829.23
		161	18.06	-1.54	-92.73	-86.58	-7.69	-22.88	291.77	-2161.67	-1365.68	-504.21	-1148.61
118	59	159	18.50	39.48	-94.64	-57.97	2.80	-59.78	749.75	-1709.47	-872.80	-86.92	-1165.13
		163	14.75	-38.91	-60.18	-58.06	-41.04	6.38	194.96	-1992.48	-1510.63	-286.88	-906.55
		165	20.20	-38.00	-124.34	-103.65	-58.69	-36.85	-199.55	-2592.14	-2259.85	-531.85	-827.42
		161	18.15	-0.72	-93.88	-86.85	-7.75	-24.61	285.69	-2164.98	-1374.92	-504.37	-1145.42
119	3	161	23.22	21.52	-162.74	-131.58	-9.65	-69.07	-240.42	-2735.72	-2237.87	-738.27	-997.21
		165	30.88	-84.42	-141.33	-136.16	-89.59	16.35	-589.94	-4463.26	-4135.15	-918.05	-1078.53
		166	39.16	-84.39	-214.54	-191.59	-107.34	-49.60	-1068.70	-5444.87	-5283.81	-1229.76	-823.95
		162	24.43	-15.31	-167.47	-166.16	-16.62	-14.05	-812.00	-3247.87	-2927.85	-1132.02	-822.86
119	27	161	19.35	13.92	-116.55	-91.02	-11.62	-51.77	287.53	-2142.01	-1363.11	-491.37	-1133.88
		165	18.66	-65.06	-100.83	-96.50	-69.38	11.67	-172.79	-2617.59	-2262.11	-528.27	-861.81
		166	22.90	-60.67	-153.58	-133.62	-80.63	-38.16	-516.05	-3023.42	-2830.66	-708.82	-667.96
		162	18.12	-16.06	-114.79	-113.97	-16.87	-8.94	-246.19	-2406.04	-1819.30	-832.93	-960.73
119	59	161	19.46	15.27	-118.27	-91.27	-11.72	-53.63	282.90	-2145.41	-1372.19	-490.32	-1131.26
		165	18.76	-66.51	-99.93	-96.76	-69.69	9.80	-176.49	-2624.76	-2271.53	-529.72	-860.26
		166	23.01	-59.41	-155.39	-133.88	-80.92	-40.02	-519.21	-3033.74	-2842.34	-710.61	-666.82
		162	18.24	-15.79	-115.44	-114.25	-16.97	-10.80	-250.67	-2412.22	-1830.64	-832.26	-958.58
120	3	162	25.77	-2.12	-200.24	-180.41	-21.95	-59.47	-826.89	-3215.06	-2918.45	-1123.50	-787.63
		166	37.58	-101.19	-179.25	-169.94	-110.51	25.30	-1050.56	-5485.47	-5305.14	-1230.89	-875.91
		145	45.07	-97.12	-282.47	-257.28	-122.30	-63.52	-1385.54	-6157.29	-6101.34	-1441.48	-513.63
		140	26.71	-9.85	-198.53	-196.53	-11.85	19.32	-1291.56	-3607.22	-3478.93	-1419.85	-529.73
120	15	162	19.09	-9.24	-128.74	-123.46	-14.52	-24.55	-251.15	-2432.52	-1831.26	-852.42	-974.71
		166	21.50	-57.19	-144.17	-123.28	-78.08	37.16	-497.17	-3095.51	-2866.35	-726.33	-736.84
		145	24.80	-75.41	-178.40	-171.34	-82.47	-26.02	-754.56	-3266.63	-3183.21	-837.99	-450.12
		140	17.99	-3.85	-142.48	-134.85	-11.49	31.63	-865.53	-2582.40	-2254.98	-1192.94	-674.48
120	47	162	19.17	-8.89	-129.20	-123.88	-14.21	-24.73	-256.41	-2443.62	-1844.95	-855.08	-975.20
		166	21.60	-57.36	-144.33	-123.72	-77.97	36.98	-500.18	-3109.05	-2880.03	-729.20	-738.26
		145	24.92	-75.26	-179.02	-171.92	-82.36	-26.20	-757.81	-3282.67	-3199.19	-841.28	-451.43
		140	18.10	-3.71	-142.92	-135.41	-11.22	31.46	-870.65	-2596.37	-2270.98	-1196.04	-675.02
121	3	144	44.21	-35.76	-87.48	-39.35	-83.89	13.14	7030.41	982.52	7018.92	994.01	263.41
		167	39.60	-35.61	-73.58	-37.21	-71.99	7.62	-5129.63	-6107.91	-6050.31	-5187.23	230.29
		168	36.70	-35.26	-74.58	-36.04	-73.80	5.48	-2665.81	-6136.37	-5031.03	-3771.15	-1616.90
		145	41.10	-33.58	-85.33	-36.67	-82.24	12.26	6352.05	545.88	6093.90	804.04	-1196.76
121	22	144	21.55	31.21	-48.37	24.55	-41.71	-22.04	3192.76	310.91	3156.54	347.12	321.01
		167	27.30	24.77	-89.52	13.87	-78.62	-33.57	-3434.78	-4401.55	-4270.34	-3565.99	331.11
		168	26.31	13.57	-82.39	5.34	-74.16	-26.87	-2309.50	-4325.96	-3780.31	-2855.15	-895.85
		145	22.27	17.71	-61.91	4.90	-49.10	-29.25	3117.97	37.75	2884.97	270.76	-814.50
121	54	144	21.49	32.99	-48.78	25.41	-41.20	-23.71	3180.90	308.98	3143.94	345.95	323.72
		167	27.35	26.31	-90.82	14.52	-79.03	-35.25	-3437.38	-4415.29	-4283.44	-3569.24	334.00
		168	26.39	14.92	-83.69	5.82	-74.59	-28.54	-2317.60	-4333.89	-3793.13	-2858.36	-893.26
		145	22.25	19.61	-62.63	5.59	-48.61	-30.93	3105.21	36.94	2872.64	269.51	-812.09
122	3	146	44.17	-36.31	-71.21	-41.07	-66.45	11.98	6726.09	255.23	6181.18	800.15	1796.97
		169	46.71	-31.12	-88.80	-35.45	-84.48	15.19	-2608.09	-7621.10	-5484.79	-4744.39	2479.02
		167	39.43	-35.53	-84.13	-38.06	-81.61	10.78	-4844.72	-6179.25	-5993.73	-5030.23	461.69
		144	44.06	-40.20	-85.84	-41.69	-84.35	8.11	6966.43	907.74	6961.99	912.17	163.89
122	28	146	25.02	35.97	-39.01	22.02	-25.06	-29.18	3443.38	-429.79	2743.20	270.39	1490.53
		169	31.58	30.31	-107.65	15.42	-92.76	-42.81	-1620.27	-5136.76	-3640.35	-3116.68	1738.64
		167	27.22	23.02	-93.90	13.21	-84.08	-32.42	-3277.05	-4451.86	-4197.75	-3531.16	483.69
		144	21.32	39.20	-62.90	17.32	-41.02	-41.89	3177.63	266.74	3151.82	292.56	272.92
122	60	146	25.14	38.42	-40.14	22.67	-24.39	-31.45	3443.96	-435.83	2737.90	270.22	1496.94
		169	31.74	32.11	-109.35	15.88	-93.12	-45.08	-1622.27	-5147.48	-3646.71	-3123.04	1743.05
		167	27.26	24.67	-95.48	13.64	-84.45	-34.70	-3282.05	-4463.26	-4207.27	-3538.05	486.68
		144	21.27	41.71	-64.13	17.94	-40.36	-44.17	3170.16	264.90	3143.33	291.74	277.93
123	3	147	39.41	-17.02	-45.81	-29.97	-32.86	14.32	5299.10	-993.22	3698.28	607.60	2740.48
		170	47.13	-33.93	-108.64	-38.24	-104.33	17.43	1853.41	-5770.72	-2968.70	-948.61	3675.82
		169	49.40	-28.27	-98.95	-33.97	-93.25	19.24	-2275.03	-7937.59	-5432.66	-4779.96	2812.41
		146	43.60	-42.38	-69.59	-44.23	-67.74	6.85	6579.30	188.33	6068.12	699.51	1733.68
123	24	147	28.27	31.03	-30.98	7.63	-7.58	-30.06	3276.28	-1203.73	1696.66	375.89	2140.45
		170	33.40	19.72	-139.77	0.60	-120.65	-51.80	1490.57	-3541.61	-1781.65	-269.39	2399.79
		169	32.90	26.38	-113.91	15.79	-103.32	-37.06	-1357.01	-5300.76	-3590.71	-3067.06	1954.42
		146	25.53	49.88	-60.65	18.39	-29.16	-49.89	3360.54	-458.87	2679.96	221.71	1461.58
123	56	147	28.50	33.96	-33.21	8.00	-7.25	-32.71	3285.28	-1210.24	1696.78	378.26	2148.91
		170	33.61	21.51	-142.20	0.77	-121.46	-54.45	1496.22	-3546.17	-1781.85	-268.11	2404.90
		169	33.07	28.07	-116.01	16.14	-104.08	-39.71	-1354.33	-5307.87	-3595.85	-3066.35	1958.96
		146	25.69	52.81	-62.61	18.98	-28.78	-52.54	3362.88	-464.72	2675.07	223.09	1469.55
124	3	2	10.55	15.83	-26.13	-9.21	-1.09	20.58	1344.09	-151.47	488.51	704.10	739.97
		171	71.12	-60.00	-130.89	-60.35	-130.53	5.00	1.088e+04	1671.54	1823.15	1.073e+04	1171.84
		170	56.26	-19.87	-118.03	-27.54	-110.36	26.34	2293.11	-6772.53	-2912.72	-1566.70	4482.58
		147	39.37	-34.51	-51.11	-50.89	-34.73	1.92	5325.30	-865.89	3514.71	944.70	2816.28
124	24	2	9.13	8.51	-47.14	-29.65	-8.99	-25.84	1171.82	-1.69	317.47	852.67	522.18
		171	54.63	-18.49	-176.43	-39.08	-155.84	-53.17	8006.13	1358.38	1433.57	7930.94	702.98

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		170	37.57	11.99	-146.53	0.93	-135.48	-40.38	1831.80	-4050.99	-1715.79	-503.40	2878.25
		147	29.86	46.94	-59.15	-3.57	-8.65	-52.98	3387.41	-1089.24	1664.84	633.32	2178.09
124	56	2	9.32	11.07	-49.49	-29.30	-9.12	-28.55	1181.45	-0.19	320.90	860.37	525.65
		171	54.82	-16.96	-179.56	-39.22	-157.30	-55.89	8024.81	1363.64	1439.19	7949.26	705.39
		170	37.79	13.34	-149.28	0.99	-136.92	-43.09	1848.10	-4047.17	-1713.34	-485.73	2883.02
		147	30.07	49.74	-61.79	-3.31	-8.75	-55.70	3397.10	-1090.71	1666.17	640.21	2184.48
125	3	167	37.31	-28.12	-85.77	-34.86	-79.03	18.53	-4742.67	-5686.84	-5069.60	-5359.91	449.21
		172	53.46	-29.47	-84.34	-30.32	-83.50	-6.76	-7675.71	-7783.70	-7734.90	-7724.51	-53.74
		173	45.54	-29.91	-74.46	-30.72	-73.66	-5.92	-6086.74	-6999.97	-6999.91	-6086.80	-7.30
		168	34.24	-31.71	-76.35	-35.09	-72.97	11.81	-2941.99	-5716.68	-4510.18	-4148.48	-1375.51
125	20	167	26.41	8.40	-74.95	6.19	-72.74	-13.38	-3345.87	-4126.81	-3713.89	-3758.79	389.82
		172	36.00	14.37	-90.84	-1.21	-75.25	-37.37	-5133.43	-5230.09	-5148.88	-5214.64	-35.42
		173	31.95	6.14	-78.13	-5.82	-66.17	-29.41	-4433.97	-4782.44	-4779.45	-4436.96	32.12
		168	25.42	0.02	-69.80	-3.35	-66.43	-14.96	-2459.07	-4141.94	-3427.67	-3173.34	-831.77
125	52	167	26.48	8.35	-74.92	5.88	-72.46	-14.11	-3359.47	-4139.35	-3729.51	-3769.31	389.43
		172	36.10	14.76	-90.93	-1.47	-74.70	-38.10	-5149.76	-5245.01	-5165.37	-5229.40	-35.26
		173	32.05	6.55	-78.20	-6.04	-65.61	-30.14	-4448.66	-4797.52	-4794.70	-4451.48	31.27
		168	25.52	0.09	-69.86	-3.62	-66.15	-15.69	-2469.71	-4156.00	-3442.07	-3183.64	-833.18
126	3	169	42.96	-24.98	-99.91	-33.63	-91.25	23.95	-2332.78	-6870.22	-4343.95	-4859.06	2254.05
		174	46.08	-30.16	-105.49	-30.75	-104.89	-6.66	-6257.21	-6799.45	-6258.62	-6798.05	27.60
		172	53.61	-30.43	-90.83	-30.99	-90.26	-5.84	-7666.04	-7802.38	-7727.57	-7740.85	67.85
		167	37.43	-30.41	-90.08	-36.11	-84.37	17.54	-4857.13	-5626.40	-5107.65	-5375.88	360.50
126	20	169	28.09	12.38	-88.06	8.87	-84.55	-18.45	-1594.41	-4688.39	-3036.89	-3245.92	1543.45
		174	30.12	19.90	-109.01	-1.09	-88.02	-47.60	-4042.26	-4404.14	-4042.32	-4404.07	-4.77
		172	36.22	14.88	-92.00	-0.77	-76.35	-37.79	-5140.19	-5291.79	-5150.79	-5281.19	38.66
		167	26.67	9.36	-78.74	5.71	-75.09	-17.56	-3418.10	-4137.18	-3741.30	-3813.98	357.70
126	52	169	28.14	12.53	-87.93	8.65	-84.05	-19.35	-1603.24	-4704.03	-3048.40	-3258.86	1546.82
		174	30.22	20.60	-108.96	-1.23	-87.12	-48.50	-4054.92	-4422.85	-4054.95	-4422.83	-3.04
		172	36.33	15.50	-91.92	-0.95	-75.47	-38.69	-5157.69	-5310.94	-5168.19	-5300.44	38.72
		167	26.75	9.50	-78.65	5.44	-74.60	-18.46	-3431.18	-4153.79	-3757.53	-3827.43	359.61
127	3	170	40.48	-27.36	-113.70	-35.32	-105.74	24.98	1949.90	-4597.79	-1929.85	-718.04	3217.29
		175	15.33	-40.83	-129.87	-41.47	-129.23	-7.54	-676.16	-2445.43	-2445.11	-676.48	-23.76
		174	46.93	-29.97	-112.23	-30.35	-111.85	-5.56	-6172.12	-7031.47	-6202.85	-7000.74	159.57
		169	43.32	-27.23	-104.75	-34.80	-97.18	23.01	-2435.78	-6930.26	-4357.56	-5008.48	2223.54
127	15	170	26.55	-1.32	-95.04	-2.66	-93.69	-11.14	1412.90	-2913.10	-1264.74	-235.45	2100.88
		175	10.89	4.42	-113.85	-12.51	-96.93	-41.42	-189.32	-1499.66	-1499.02	-189.96	-28.96
		174	30.40	6.48	-97.65	-4.30	-86.86	-31.73	-4013.18	-4514.70	-4024.41	-4503.46	74.23
		169	28.71	8.16	-80.63	7.59	-80.06	-7.08	-1655.60	-4739.79	-3063.66	-3331.73	1536.26
127	47	170	26.59	-1.37	-93.59	-2.63	-92.33	-10.70	1409.56	-2927.58	-1272.55	-245.47	2106.89
		175	10.86	4.39	-112.22	-12.44	-95.40	-40.98	-203.79	-1508.22	-1507.70	-204.32	-26.19
		174	30.47	6.04	-96.12	-4.66	-85.42	-31.29	-4027.01	-4530.65	-4038.72	-4518.94	75.91
		169	28.81	7.72	-79.29	7.21	-78.78	-6.64	-1663.11	-4756.86	-3077.11	-3342.86	1541.16
128	3	171	75.65	-61.15	-121.86	-61.20	-121.81	1.71	1.169e+04	1908.59	1971.73	1.162e+04	783.22
		176	101.70	-81.00	-146.80	-81.01	-146.80	0.70	1.592e+04	2954.19	2954.55	1.592e+04	67.85
		175	15.03	-39.89	-136.42	-40.59	-135.72	-8.20	-1081.09	-2332.45	-2280.70	-1132.84	249.16
		170	40.62	-28.57	-121.38	-35.82	-114.13	24.90	1766.62	-4714.51	-1787.96	-1159.92	3225.31
128	28	171	57.48	-16.63	-202.24	-64.61	-154.26	-81.26	8503.07	1457.67	1493.40	8467.34	500.45
		176	70.25	1.94	-162.92	-42.36	-118.62	-73.08	1.086e+04	2062.19	2064.31	1.086e+04	136.62
		175	11.65	29.67	-172.24	-18.71	-123.86	-86.18	-173.85	-1289.06	-1270.86	-192.05	141.29
		170	28.47	29.61	-147.27	10.09	-127.74	-55.43	1482.23	-2723.29	-1031.54	-209.53	2062.20
128	60	171	57.68	-13.91	-206.45	-64.73	-155.63	-84.87	8521.73	1462.01	1498.30	8485.44	504.88
		176	70.33	5.10	-166.23	-42.38	-118.75	-76.68	1.087e+04	2065.44	2067.69	1.087e+04	140.76
		175	11.82	33.13	-175.28	-18.20	-123.95	-89.79	-163.01	-1286.22	-1267.54	-181.70	143.66
		170	28.73	31.99	-150.72	10.35	-129.09	-59.03	1497.55	-2716.02	-1026.82	-191.65	2064.99
129	3	172	53.51	-30.10	-83.75	-30.23	-83.63	2.61	-7701.30	-7776.27	-7754.85	-7722.71	33.87
		177	37.14	-24.79	-84.66	-34.76	-74.69	-22.30	-4713.09	-5674.09	-5055.36	-5331.82	-460.19
		178	33.87	-27.06	-74.84	-32.96	-68.95	-15.72	-2912.48	-5688.41	-4496.72	-4104.17	1374.02
		173	45.59	-30.57	-74.17	-30.58	-74.16	0.67	-6081.45	-7015.26	-7014.64	-6082.07	24.04
129	20	172	35.99	5.26	-80.78	-1.80	-73.72	-23.62	-5173.59	-5219.07	-5178.65	-5214.01	14.31
		177	25.35	10.34	-82.00	-15.83	-55.83	-41.61	-3108.53	-3850.81	-3412.28	-3547.05	-364.97
		178	23.08	1.54	-70.54	-16.13	-52.87	-31.00	-2141.38	-3942.83	-3115.42	-2968.79	897.73
		173	31.98	-0.84	-71.40	-6.35	-65.89	-18.93	-4425.51	-4805.19	-4797.60	-4433.10	53.11
129	52	172	36.09	5.14	-80.40	-2.09	-73.18	-23.79	-5189.75	-5234.19	-5194.90	-5229.04	14.23
		177	25.42	10.42	-81.88	-16.13	-55.32	-41.79	-3122.81	-3862.10	-3427.90	-3557.01	-363.97
		178	23.16	1.62	-70.36	-16.38	-52.35	-31.17	-2150.93	-3956.75	-3129.29	-2978.40	899.75
		173	32.07	-0.92	-71.00	-6.58	-65.33	-19.10	-4439.92	-4819.95	-4812.10	-4447.77	54.06
130	3	174	46.16	-30.69	-104.77	-30.75	-104.71	2.12	-6275.28	-6808.86	-6285.32	-6798.82	-72.50
		179	43.17	-22.62	-100.16	-35.20	-87.58	-28.59	-2317.30	-6879.85	-4341.68	-4855.48	-2266.76
		177	37.27	-27.53	-88.79	-36.18	-80.13	-21.34	-4828.58	-5615.16	-5094.26	-5349.49	-372.01
		172	53.67	-30.86	-90.41	-30.90	-90.36	1.67	-7654.08	-7830.56	-7747.36	-7737.28	-88.09
130	16	174	30.31	9.29	-97.72	-2.30	-86.14	-33.25	-4074.16	-4442.46	-4108.39	-4408.23	-106.94
		179	30.02	19.84	-95.09	-15.25	-60.01	-52.93	-1435.98	-4560.49	-2876.05	-3120.42	-1557.47
		177	25.58	10.23	-83.65	-16.16	-57.26	-42.20	-3170.91	-3867.61	-3438.22	-3600.31	-338.79

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		172	36.31	6.89	-83.60	-1.21	-75.50	-25.84	-5146.53	-5311.58	-5179.58	-5278.53	-66.06
130	48	174	30.42	9.40	-97.15	-2.47	-85.27	-33.53	-4088.79	-4461.82	-4123.54	-4427.07	-108.42
		179	30.11	20.20	-94.88	-15.44	-59.24	-53.21	-1446.78	-4576.72	-2890.33	-3133.17	-1560.26
		177	25.67	10.54	-83.42	-16.39	-56.49	-42.49	-3184.50	-3883.38	-3454.43	-3613.45	-340.27
		172	36.42	6.94	-83.01	-1.42	-74.65	-26.12	-5163.80	-5330.68	-5196.67	-5297.81	-66.37
131	3	175	15.50	-41.58	-129.06	-41.62	-129.02	1.84	-687.96	-2476.92	-2476.68	-688.19	-20.43
		180	40.97	-24.78	-114.63	-36.83	-102.58	-30.61	1946.12	-4626.58	-1942.13	-738.34	-3230.76
		179	43.52	-25.17	-104.83	-36.40	-93.60	-27.72	-2422.23	-6939.85	-4357.05	-5005.04	-2235.46
		174	47.01	-30.28	-111.67	-30.29	-111.66	0.95	-6177.93	-7051.22	-6229.60	-6999.55	-206.06
131	28	175	11.77	18.00	-151.88	-18.82	-115.06	-70.00	-54.57	-1461.24	-1459.56	-56.25	-48.61
		180	29.70	49.42	-130.35	-14.46	-66.47	-86.05	1351.48	-2869.90	-1219.75	-298.67	-2059.84
		179	30.69	46.35	-124.92	-13.06	-65.51	-81.52	-1425.46	-4465.32	-2753.86	-3136.92	-1507.81
		174	30.30	31.41	-133.00	1.57	-103.16	-63.37	-3851.84	-4411.36	-3926.10	-4337.10	-189.83
131	60	175	11.83	20.38	-154.54	-18.90	-115.25	-73.00	-54.92	-1462.45	-1460.82	-56.55	-47.80
		180	29.87	52.66	-132.71	-14.32	-65.74	-89.05	1347.17	-2873.32	-1223.10	-303.06	-2059.50
		179	30.82	49.59	-127.24	-12.87	-64.78	-84.52	-1428.78	-4469.11	-2756.06	-3141.83	-1507.88
		174	30.35	33.73	-135.47	1.59	-103.33	-66.37	-3852.60	-4412.83	-3927.92	-4337.51	-191.12
132	3	176	101.67	-80.85	-148.80	-81.76	-147.90	-7.79	1.591e+04	2940.98	2941.34	1.591e+04	-68.85
		181	75.15	-61.89	-117.54	-62.95	-116.47	-7.62	1.164e+04	1888.25	1953.16	1.157e+04	-792.94
		180	41.16	-26.27	-122.46	-37.21	-111.51	-30.55	1767.45	-4749.54	-1800.51	-1181.57	-3243.77
		175	15.34	-40.20	-135.29	-40.27	-135.22	2.57	-1078.37	-2380.95	-2311.48	-1147.83	-292.68
132	27	176	68.38	-55.89	-119.55	-57.34	-118.10	-9.51	1.061e+04	1984.51	1984.88	1.061e+04	-56.42
		181	49.58	-20.91	-73.90	-21.02	-73.79	2.38	7653.38	1255.31	1295.05	7613.64	-502.68
		180	26.24	-25.85	-93.51	-28.99	-90.37	-14.24	1345.93	-2916.64	-1105.83	-464.87	-2107.05
		175	9.90	-4.36	-101.42	-4.49	-101.29	3.54	-347.12	-1440.53	-1383.30	-404.35	-243.52
132	59	176	68.31	-55.83	-117.42	-56.37	-116.89	-5.72	1.061e+04	1984.06	1984.50	1.061e+04	-61.74
		181	49.67	-19.59	-74.95	-20.28	-74.25	6.17	7659.82	1256.03	1296.90	7618.95	-509.98
		180	26.08	-27.41	-92.68	-29.13	-90.97	-10.45	1352.70	-2919.83	-1106.79	-460.34	-2111.67
		175	9.97	-3.69	-100.79	-4.25	-100.23	7.33	-352.46	-1445.19	-1386.58	-411.07	-246.19
133	3	177	39.37	-34.29	-70.18	-37.31	-67.17	-9.96	-5093.87	-6086.26	-6019.77	-5160.36	-248.12
		182	44.93	-27.87	-87.03	-40.72	-74.18	-24.39	7133.22	1018.21	7121.74	1029.68	-264.67
		183	42.16	-26.03	-71.36	-37.73	-59.66	-19.83	6483.92	634.09	6232.54	885.47	1186.32
		178	36.38	-31.35	-73.19	-32.94	-71.60	-7.98	-2637.07	-6107.82	-5015.04	-3729.86	1612.02
133	24	177	25.73	20.80	-89.66	-15.94	-52.92	-52.04	-3211.46	-3930.42	-3820.20	-3321.67	-259.02
		182	28.81	26.50	-93.69	-26.89	-40.30	-59.72	4559.26	650.46	4549.39	660.33	-196.13
		183	29.17	22.66	-82.59	-27.19	-32.74	-52.55	4333.06	425.15	4168.38	589.84	785.14
		178	23.88	12.92	-85.28	-15.82	-56.55	-44.68	-1894.23	-4019.43	-3294.81	-2618.86	1007.42
133	56	177	25.74	22.68	-91.45	-16.06	-52.70	-54.05	-3211.82	-3926.88	-3816.84	-3321.86	-258.02
		182	28.85	28.61	-95.50	-27.05	-39.84	-61.72	4562.64	651.32	4553.04	660.91	-193.46
		183	29.28	24.76	-84.46	-27.42	-32.29	-54.56	4340.21	425.29	4174.56	590.94	788.08
		178	23.93	14.68	-87.04	-16.02	-56.34	-46.69	-1890.79	-4016.62	-3288.81	-2618.60	1008.71
134	3	179	46.85	-30.16	-86.81	-37.85	-79.12	-19.40	-2575.10	-7616.79	-5452.45	-4739.44	-2495.51
		184	44.44	-30.15	-79.33	-42.06	-67.43	-21.07	6766.61	261.70	6230.75	797.56	-1788.45
		182	44.76	-34.18	-84.50	-43.08	-75.60	-19.20	7065.66	940.52	7061.23	944.95	-164.66
		177	39.24	-34.20	-80.83	-38.34	-76.70	-13.26	-4807.56	-6160.77	-5962.61	-5005.72	-478.42
134	28	179	32.54	33.84	-107.67	-15.99	-57.84	-67.59	-1488.17	-4902.68	-3425.12	-2965.73	-1691.73
		184	29.14	28.22	-100.74	-25.64	-46.88	-63.60	4146.73	99.08	3782.00	463.80	-1158.99
		182	28.63	18.37	-104.02	-29.16	-56.50	-59.65	4513.99	589.10	4509.61	593.49	-131.07
		177	26.08	24.02	-98.21	-16.25	-57.93	-57.45	-3037.21	-4014.50	-3793.84	-3257.87	-408.61
134	60	179	32.65	36.16	-109.65	-16.05	-57.44	-69.91	-1491.49	-4905.21	-3426.63	-2970.07	-1691.53
		184	29.20	30.28	-103.27	-25.80	-47.18	-65.91	4144.05	98.98	3780.74	462.29	-1156.57
		182	28.67	20.38	-106.55	-29.36	-56.81	-61.96	4517.22	588.57	4513.03	592.76	-128.28
		177	26.11	26.27	-100.16	-16.35	-57.54	-59.76	-3038.12	-4012.15	-3790.88	-3259.40	-408.12
135	3	180	47.58	-32.10	-108.12	-40.22	-100.00	-23.48	1866.23	-5776.09	-2950.78	-959.08	-3689.11
		185	39.60	-13.20	-51.97	-30.34	-34.83	-19.25	5297.88	-984.56	3712.80	600.52	-2728.68
		184	43.64	-37.44	-76.63	-45.17	-68.90	-15.59	6618.93	194.13	6116.36	696.70	-1725.21
		179	49.56	-27.23	-97.11	-36.42	-87.92	-23.62	-2242.99	-7932.43	-5400.06	-4775.36	-2827.52
135	28	180	33.53	37.62	-122.55	-18.70	-66.23	-76.48	1318.23	-3591.78	-1824.11	-449.44	-2356.82
		185	26.84	57.22	-73.98	-10.49	-6.28	-65.57	3128.84	-741.21	2085.98	301.65	-1717.08
		184	28.46	30.74	-96.06	-28.63	-36.69	-63.27	4048.25	39.48	3702.93	384.80	-1124.76
		179	34.47	39.93	-113.76	-13.18	-60.65	-73.09	-1286.63	-5096.20	-3394.15	-2988.67	-1893.96
135	60	180	33.68	40.51	-124.46	-18.46	-65.48	-79.06	1313.56	-3595.85	-1828.67	-453.63	-2356.46
		185	26.94	59.96	-76.41	-10.39	-6.05	-68.15	3122.89	-743.20	2081.51	298.17	-1715.11
		184	28.53	33.34	-98.60	-28.78	-36.47	-65.86	4045.50	37.87	3701.42	381.95	-1122.75
		179	34.58	42.64	-115.77	-13.18	-59.95	-75.67	-1289.72	-5098.31	-3395.70	-2992.32	-1893.58
136	3	181	70.62	-58.97	-129.91	-59.90	-128.98	-8.08	1.081e+04	1660.11	1814.00	1.066e+04	-1176.75
		4	11.10	24.91	-28.48	-7.04	3.47	-26.17	1372.03	-154.07	490.44	727.52	-753.79
		185	39.08	-33.72	-53.37	-51.05	-36.04	-6.34	5317.66	-857.91	3528.87	930.87	-2801.25
		180	56.79	-17.25	-118.30	-29.53	-106.01	-33.02	2320.15	-6778.69	-2894.82	-1563.72	-4500.48
136	28	181	44.97	-0.20	-135.79	-55.23	-80.76	-66.58	6984.08	1073.15	1138.90	6918.33	-619.93
		4	9.13	87.92	-41.19	8.38	38.34	-62.79	694.68	-182.72	182.24	329.72	-432.46
		185	26.38	47.07	-76.63	-25.50	-4.06	-60.91	3139.33	-700.63	1962.10	476.60	-1770.50
		180	38.69	53.65	-119.49	-2.39	-63.45	-81.01	1567.70	-4157.75	-1783.56	-806.48	-2820.73

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
136	60	181	44.90	2.91	-137.69	-55.24	-79.54	-69.24	6980.59	1070.37	1135.63	6915.33	-617.62
		4	9.26	91.08	-43.43	8.37	39.28	-65.46	687.67	-186.21	178.27	323.19	-430.89
		185	26.50	50.38	-78.68	-25.23	-3.07	-63.57	3133.08	-706.20	1957.01	469.87	-1769.78
		180	38.83	56.79	-121.03	-2.05	-62.19	-83.67	1562.57	-4160.19	-1787.93	-809.70	-2819.27
137	3	163	32.92	-18.18	-69.15	-29.06	-58.26	20.89	4279.78	-849.32	2957.61	472.85	-2243.52
		186	40.69	-25.48	-52.26	-25.53	-52.20	-1.17	1931.65	-4862.34	-2111.05	-819.63	-3335.06
		187	38.41	-18.90	-49.79	-19.06	-49.63	-2.20	3440.14	-3179.20	-821.65	1082.59	-3169.76
		164	26.61	-25.17	-62.64	-34.24	-53.57	16.05	3202.50	-1021.46	1673.29	507.75	-2029.99
137	16	163	23.10	-14.55	-46.38	-18.33	-42.60	-10.29	2796.82	-964.86	1612.22	219.75	-1747.23
		186	29.11	-7.30	-65.34	-18.02	-54.62	-22.52	1193.15	-3432.99	-1605.57	-634.27	-2261.51
		187	27.42	-13.58	-69.25	-27.32	-55.51	-24.00	2410.25	-2155.91	-645.89	900.22	-2148.22
		164	19.27	-23.60	-44.44	-30.09	-37.95	-9.65	2217.31	-977.27	924.37	315.67	-1568.03
137	48	163	23.18	-14.29	-46.84	-18.54	-42.59	-10.98	2801.12	-969.58	1612.65	218.89	-1751.83
		186	29.20	-6.92	-65.88	-18.21	-54.59	-23.20	1197.53	-3438.04	-1605.02	-635.49	-2266.53
		187	27.52	-13.20	-69.90	-27.61	-55.49	-24.69	2413.77	-2161.25	-646.13	898.64	-2153.16
		164	19.36	-23.17	-45.17	-30.39	-37.95	-10.34	2220.97	-982.68	924.03	314.27	-1572.54
138	3	165	36.43	-20.41	-78.36	-29.55	-69.23	21.11	5136.17	-353.59	4203.36	579.22	-2061.74
		188	40.85	-29.71	-56.49	-29.72	-56.48	-0.60	312.88	-5874.24	-3319.80	-2241.56	-3046.22
		186	40.25	-25.90	-55.60	-25.94	-55.56	-1.12	1912.45	-4809.37	-2112.61	-784.31	-3294.64
		163	32.93	-19.83	-71.42	-29.89	-61.36	20.45	4290.52	-839.87	2965.45	485.20	-2245.50
138	28	165	24.23	-0.47	-62.20	-9.06	-53.62	-21.36	3044.94	-683.04	2159.75	202.15	-1586.32
		188	29.49	7.98	-73.92	-8.46	-57.47	-32.81	-167.17	-4208.76	-2584.51	-1791.42	-1981.51
		186	28.89	2.10	-77.28	-16.07	-59.11	-33.35	1073.14	-3398.57	-1680.53	-644.90	-2175.06
		163	23.44	-5.93	-58.90	-16.49	-48.34	-21.16	2736.76	-982.48	1547.29	207.00	-1734.68
138	60	165	24.32	0.81	-63.56	-8.88	-53.87	-23.02	3040.95	-689.63	2152.32	199.01	-1589.17
		188	29.59	9.46	-75.27	-8.28	-57.53	-34.47	-172.88	-4214.51	-2592.09	-1795.30	-1981.15
		186	28.99	3.53	-78.73	-16.02	-59.18	-35.01	1068.25	-3403.50	-1686.75	-648.50	-2174.77
		163	23.55	-4.61	-60.44	-16.44	-48.60	-22.82	2734.46	-989.11	1541.21	204.14	-1737.62
139	3	166	39.04	-24.75	-85.86	-31.54	-79.07	19.20	5841.34	167.46	5305.81	703.00	-1658.85
		189	39.90	-33.25	-60.37	-33.26	-60.35	0.61	-1327.16	-6397.69	-4369.72	-3355.12	-2483.99
		188	40.54	-30.35	-59.86	-30.35	-59.85	-0.43	307.76	-5829.45	-3315.05	-2206.64	-3018.14
		165	36.57	-21.75	-80.76	-30.30	-72.21	20.78	5153.08	-366.64	4204.02	582.42	-2082.75
139	28	166	23.74	7.14	-59.03	-2.19	-49.71	-23.02	3195.95	-291.20	2663.75	241.00	-1254.04
		189	28.92	12.23	-75.10	-2.81	-60.06	-32.97	-1379.80	-4570.30	-3332.05	-2618.06	-1554.79
		188	29.32	7.59	-77.26	-9.10	-60.56	-33.73	-177.23	-4178.06	-2583.75	-1771.54	-1958.76
		165	24.33	1.25	-57.47	-9.36	-46.86	-22.59	3061.61	-684.08	2162.08	215.45	-1600.07
139	60	166	23.79	8.74	-59.82	-1.87	-49.21	-24.79	3190.25	-296.18	2655.38	238.69	-1256.46
		189	29.02	13.78	-76.47	-2.54	-60.15	-34.74	-1386.67	-4576.93	-3340.87	-2622.72	-1554.19
		188	29.42	9.12	-78.72	-8.93	-60.67	-35.49	-183.34	-4184.03	-2591.42	-1775.96	-1958.35
		165	24.41	2.89	-58.41	-9.14	-46.37	-24.35	3057.89	-689.65	2154.86	213.37	-1602.70
140	3	145	41.38	-30.94	-92.47	-34.91	-88.50	15.12	6453.78	668.78	6222.25	900.32	-1133.94
		168	38.63	-35.00	-62.57	-35.36	-62.21	3.13	-3106.81	-6478.10	-5239.55	-4345.36	-1625.27
		189	39.83	-34.55	-64.22	-34.56	-64.21	0.60	-1304.13	-6371.89	-4363.07	-3312.94	-2478.88
		166	39.05	-24.98	-87.78	-31.42	-81.34	19.05	5843.39	159.17	5305.40	697.17	-1663.93
140	28	145	22.76	16.76	-59.18	7.99	-50.42	-24.26	3243.18	120.15	3031.70	331.63	-784.68
		168	27.90	15.97	-77.97	1.60	-63.60	-33.82	-2571.02	-4546.13	-3879.82	-3237.33	-933.84
		189	28.82	12.00	-77.93	-2.68	-63.25	-33.24	-1379.30	-4548.86	-3328.80	-2599.36	-1542.24
		166	23.50	7.09	-60.14	-3.23	-49.82	-24.23	3172.35	-265.11	2662.11	245.12	-1222.12
140	60	145	22.77	18.44	-59.74	8.45	-49.75	-26.10	3234.52	118.17	3022.75	329.95	-784.29
		168	27.99	17.59	-79.36	1.96	-63.72	-35.66	-2578.86	-4553.36	-3889.48	-3242.74	-932.79
		189	28.92	13.57	-79.37	-2.42	-63.39	-35.07	-1386.65	-4555.69	-3337.73	-2604.61	-1541.53
		166	23.53	8.84	-60.88	-2.87	-49.17	-26.07	3164.93	-267.46	2653.89	243.58	-1221.86
141	3	186	33.13	-22.85	-52.75	-25.51	-50.08	8.52	1409.96	-4067.84	-1836.26	-821.62	-2691.51
		190	17.70	-19.13	-53.85	-21.78	-51.20	-9.22	-1265.93	-2948.71	-2941.18	-1273.46	-112.33
		191	16.15	-16.23	-52.66	-18.27	-50.61	-8.39	1449.25	-1167.93	-1163.46	1444.78	-108.12
		187	32.31	-17.94	-47.78	-19.22	-46.50	6.05	2968.07	-2506.13	-698.18	1160.12	-2574.57
141	27	186	22.63	-15.60	-55.20	-18.29	-52.51	9.97	850.22	-2821.60	-1362.19	-609.19	-1796.89
		190	11.67	-15.29	-53.81	-15.84	-53.26	-4.58	-886.85	-1932.12	-1930.83	-888.14	-36.74
		191	12.25	-15.88	-51.77	-17.07	-50.58	-6.44	1198.29	-701.24	-700.46	1197.51	-38.44
		187	22.62	-19.86	-53.30	-22.64	-50.52	9.23	2113.63	-1632.60	-501.50	982.54	-1719.87
141	59	186	22.75	-15.00	-55.98	-18.49	-52.48	11.44	856.14	-2823.84	-1360.73	-606.97	-1800.98
		190	11.66	-15.79	-53.47	-16.04	-53.22	-3.10	-884.36	-1930.90	-1929.37	-885.89	-40.02
		191	12.26	-16.29	-51.29	-17.01	-50.57	-4.96	1200.85	-699.64	-698.72	1199.93	-41.73
		187	22.74	-18.93	-54.08	-22.57	-50.44	10.71	2119.60	-1634.43	-499.76	984.93	-1723.98
142	3	188	33.38	-25.69	-60.32	-29.05	-56.97	10.25	-164.79	-5054.87	-2890.88	-2328.78	-2428.83
		192	28.59	-23.32	-58.38	-25.65	-56.06	-8.73	-3372.99	-4587.51	-4578.27	-3382.23	-105.50
		190	17.77	-20.18	-56.75	-22.57	-54.37	-9.03	-1234.67	-2957.55	-2951.22	-1241.00	-104.21
		186	33.03	-23.45	-55.69	-25.82	-53.32	8.41	1411.42	-4050.38	-1842.69	-796.27	-2680.31
142	16	188	24.29	-10.11	-60.12	-13.33	-56.91	-12.27	-436.50	-3664.83	-2256.37	-1844.97	-1601.00
		192	20.36	-0.22	-69.15	-13.15	-56.21	-26.91	-2535.59	-3161.13	-3160.72	-2536.00	-15.97
		190	12.39	-3.51	-68.67	-18.13	-54.05	-27.19	-929.00	-2030.65	-2030.58	-929.06	-8.58
		186	23.23	-16.89	-59.46	-21.12	-55.23	-12.75	780.95	-2885.46	-1458.44	-646.07	-1787.64
142	48	188	24.38	-10.12	-60.41	-13.65	-56.87	-12.86	-438.79	-3675.42	-2265.73	-1848.48	-1604.81

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		192	20.41	0.02	-69.57	-13.46	-56.10	-27.50	-2539.69	-3170.69	-3170.23	-2540.15	-17.03
		190	12.45	-3.29	-69.18	-18.51	-53.96	-27.77	-932.64	-2037.83	-2037.74	-932.73	-9.72
		186	23.32	-16.92	-59.86	-21.56	-55.22	-13.33	780.16	-2894.72	-1465.46	-649.11	-1791.53
143	3	189	33.82	-27.75	-67.17	-31.77	-63.15	11.93	-1704.87	-5595.37	-3783.00	-3517.24	-1940.71
		193	38.45	-26.30	-63.94	-28.19	-62.05	-8.22	-5050.55	-5957.01	-5946.18	-5061.38	-98.51
		192	28.60	-24.19	-61.38	-26.29	-59.28	-8.59	-3352.14	-4588.92	-4581.66	-3359.40	-94.46
		188	33.49	-26.58	-63.11	-29.61	-60.07	10.09	-146.92	-5058.26	-2895.65	-2309.53	-2438.12
143	20	189	25.03	-5.31	-63.22	-7.84	-60.69	-11.83	-1569.28	-4073.56	-2914.51	-2728.32	-1248.67
		193	27.32	2.88	-72.83	-9.42	-60.53	-27.93	-3736.40	-4090.54	-4089.24	-3737.70	-21.38
		192	20.42	-0.95	-70.46	-13.64	-57.77	-26.86	-2540.55	-3167.57	-3167.42	-2540.70	-9.64
		188	24.38	-10.88	-62.15	-14.07	-58.96	-12.38	-434.77	-3672.71	-2262.86	-1844.62	-1605.41
143	52	189	25.12	-5.36	-63.40	-8.15	-60.61	-12.43	-1574.08	-4085.72	-2926.26	-2733.54	-1252.12
		193	27.39	3.12	-73.13	-9.70	-60.31	-28.52	-3742.93	-4102.70	-4101.29	-3744.33	-22.42
		192	20.48	-0.70	-70.81	-13.95	-57.56	-27.45	-2546.73	-3177.53	-3177.34	-2546.92	-10.85
		188	24.47	-10.89	-62.39	-14.40	-58.89	-12.98	-438.09	-3683.82	-2272.49	-1849.42	-1609.02
144	3	168	34.62	-28.69	-74.63	-33.66	-69.66	14.27	-3078.25	-5787.31	-4445.74	-4419.82	-1354.47
		173	46.23	-28.03	-70.24	-29.75	-68.52	-8.34	-6384.38	-6975.33	-6975.32	-6384.38	2.13
		193	38.47	-27.14	-67.14	-28.93	-65.35	-8.27	-5022.89	-5963.82	-5948.06	-5038.64	-120.73
		189	33.70	-28.34	-69.85	-32.15	-66.04	11.98	-1724.41	-5573.78	-3787.69	-3510.50	-1919.69
144	20	168	25.58	-0.41	-66.61	-2.33	-64.68	-11.12	-2508.95	-4173.22	-3372.27	-3309.90	-831.55
		173	32.30	7.22	-78.61	-6.23	-65.16	-31.20	-4564.76	-4757.37	-4751.32	-4570.82	33.62
		193	27.42	2.93	-73.96	-9.35	-61.67	-28.17	-3747.82	-4098.79	-4095.94	-3750.68	-31.52
		189	25.04	-5.79	-65.30	-8.60	-62.50	-12.62	-1594.12	-4069.33	-2921.66	-2741.78	-1234.34
144	52	168	25.67	-0.47	-66.69	-2.63	-64.53	-11.76	-2516.63	-4186.48	-3386.02	-3317.08	-834.21
		173	32.38	7.52	-78.84	-6.49	-64.82	-31.84	-4574.75	-4771.20	-4765.56	-4580.39	32.80
		193	27.49	3.24	-74.19	-9.61	-61.34	-28.81	-3756.89	-4111.54	-4108.51	-3759.92	-32.63
		189	25.14	-5.79	-65.46	-8.90	-62.35	-13.26	-1600.45	-4081.93	-2933.75	-2748.64	-1237.28
145	3	190	17.80	-21.83	-51.84	-21.95	-51.72	1.88	-1258.98	-2969.45	-2952.20	-1276.23	170.91
		194	33.79	-18.89	-55.93	-25.61	-49.21	-14.27	1446.23	-4094.03	-1846.34	-801.46	2720.42
		195	32.96	-18.65	-51.49	-23.65	-46.49	-11.80	2988.62	-2552.55	-718.07	1154.14	2607.65
		191	16.24	-18.56	-51.07	-18.72	-50.92	2.27	1451.57	-1181.52	-1171.05	1441.11	165.66
145	28	190	11.93	2.79	-69.06	-13.49	-52.78	-30.08	-894.57	-2016.37	-1973.63	-937.31	214.75
		194	25.43	15.00	-74.44	-14.11	-45.33	-41.91	1037.27	-2840.96	-1232.66	-571.02	1910.69
		195	25.31	14.42	-74.40	-15.21	-44.77	-41.87	2212.23	-1703.43	-431.07	939.87	1833.91
		191	12.83	0.54	-69.20	-17.40	-51.26	-30.48	1171.30	-760.37	-736.93	1147.87	211.48
145	60	190	11.98	4.08	-70.40	-13.51	-52.80	-31.64	-895.26	-2018.74	-1974.74	-939.27	217.96
		194	25.57	16.48	-75.86	-14.12	-45.25	-43.47	1041.59	-2845.85	-1233.53	-570.73	1915.26
		195	25.45	15.93	-75.80	-15.20	-44.67	-43.43	2217.13	-1707.93	-431.23	940.43	1838.79
		191	12.87	1.90	-70.59	-17.40	-51.29	-32.04	1170.43	-761.72	-737.50	1146.20	215.01
146	3	192	28.67	-25.57	-56.76	-25.65	-56.68	1.58	-3363.59	-4611.40	-4591.96	-3383.03	154.53
		196	33.49	-20.17	-61.70	-27.03	-54.84	-15.42	-124.78	-5058.11	-2890.87	-2292.01	2448.42
		194	33.68	-19.83	-58.51	-25.96	-52.39	-14.12	1447.41	-4076.00	-1852.55	-776.03	2708.74
		190	17.87	-22.66	-54.99	-22.75	-54.90	1.74	-1228.33	-2977.43	-2962.24	-1243.52	162.26
146	28	192	19.94	4.86	-73.02	-10.04	-58.12	-30.63	-2458.17	-3152.10	-3093.11	-2517.15	193.52
		196	24.84	16.44	-76.59	-12.68	-47.47	-43.14	-118.08	-3519.57	-1953.31	-1684.34	1695.42
		194	25.30	14.71	-75.76	-14.30	-46.75	-42.22	1033.02	-2819.32	-1236.99	-549.32	1895.24
		190	11.97	1.91	-72.12	-14.09	-56.12	-30.47	-877.61	-2019.14	-1980.70	-916.05	205.94
146	60	192	19.95	6.11	-74.28	-10.05	-58.12	-32.22	-2459.13	-3155.14	-3094.58	-2519.70	196.18
		196	24.96	17.97	-77.98	-12.67	-47.35	-44.73	-114.95	-3523.52	-1954.52	-1683.94	1698.91
		194	25.43	16.23	-77.17	-14.30	-46.64	-43.81	1036.75	-2823.39	-1237.82	-548.82	1899.07
		190	12.02	3.21	-73.44	-14.11	-56.12	-32.06	-878.86	-2021.38	-1981.79	-918.44	208.95
147	3	193	38.52	-27.99	-62.76	-28.09	-62.66	1.91	-5041.99	-5981.14	-5961.97	-5061.16	132.79
		197	33.52	-22.05	-67.07	-29.19	-59.93	-16.45	-1668.23	-5580.06	-3774.88	-3473.41	1950.10
		196	33.55	-21.30	-64.26	-27.65	-57.92	-15.25	-106.94	-5061.50	-2895.56	-2272.87	2457.64
		192	28.68	-26.23	-59.97	-26.29	-59.91	1.48	-3343.65	-4611.68	-4595.29	-3360.03	143.19
147	28	193	26.84	8.11	-77.91	-6.41	-63.39	-32.21	-3632.43	-4071.12	-4002.06	-3701.49	159.77
		197	23.90	18.59	-80.83	-12.02	-50.22	-45.89	-1202.28	-3844.59	-2538.10	-2508.78	1321.07
		196	24.87	16.13	-78.70	-13.07	-49.51	-43.77	-112.45	-3517.06	-1956.70	-1672.81	1696.38
		192	19.97	4.54	-76.05	-10.59	-60.93	-31.46	-2456.71	-3148.10	-3095.85	-2508.96	182.74
147	60	193	26.86	9.36	-79.19	-6.41	-63.42	-33.88	-3634.06	-4074.67	-4003.86	-3704.88	161.83
		197	24.00	20.20	-82.25	-11.98	-50.06	-47.55	-1200.33	-3847.88	-2539.61	-2508.60	1323.68
		196	24.99	17.72	-80.13	-13.05	-49.36	-45.44	-109.92	-3520.59	-1957.93	-1672.58	1699.36
		192	19.99	5.83	-77.39	-10.60	-60.96	-33.13	-2458.54	-3151.01	-3097.33	-2512.22	185.17
148	3	173	46.29	-29.39	-69.25	-29.62	-69.02	3.00	-6383.87	-6992.72	-6992.36	-6384.23	14.79
		178	34.25	-23.57	-73.64	-31.50	-65.71	-18.28	-3049.91	-5758.37	-4432.22	-4376.06	1353.94
		197	33.40	-22.81	-69.61	-29.61	-62.81	-16.49	-1688.33	-5558.23	-3779.58	-3466.98	1928.63
		193	38.54	-28.72	-66.07	-28.83	-65.96	1.99	-5013.43	-5989.28	-5963.94	-5038.78	155.21
148	15	173	32.31	-6.24	-63.96	-6.96	-63.24	-6.42	-4546.65	-4795.14	-4787.06	-4554.73	44.06
		178	23.67	-5.85	-64.28	-16.59	-53.54	-22.63	-2210.00	-3995.01	-3083.60	-3121.41	892.31
		197	23.35	-8.29	-60.12	-16.50	-51.92	-18.92	-1307.44	-3936.20	-2661.73	-2581.91	1313.77
		193	27.44	-9.87	-61.19	-10.46	-60.60	-5.47	-3683.09	-4178.24	-4125.85	-3735.49	152.31
148	47	173	32.39	-6.73	-63.38	-7.30	-62.82	-5.62	-4555.17	-4810.04	-4802.07	-4563.14	44.37
		178	23.76	-6.74	-63.55	-16.96	-53.32	-21.83	-2218.36	-4008.65	-3098.23	-3128.78	895.02

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		197	23.45	-9.13	-59.40	-16.85	-51.69	-18.12	-1314.27	-3948.99	-2674.37	-2588.88	1316.67
		193	27.51	-10.33	-60.62	-10.77	-60.18	-4.67	-3691.36	-4191.05	-4138.88	-3743.52	152.80
149	3	194	40.97	-23.53	-54.83	-24.58	-53.78	-5.64	1968.28	-4890.46	-2125.58	-796.60	3364.38
		198	33.00	-16.59	-51.33	-29.22	-38.70	-16.72	4352.43	-771.51	3048.53	532.40	2231.81
		199	26.44	-26.47	-51.30	-35.36	-42.41	-11.90	3234.69	-977.89	1730.58	526.22	2018.38
		195	39.21	-22.63	-51.78	-23.61	-50.79	-5.26	3458.35	-3234.44	-853.46	1077.37	3204.11
149	28	194	30.15	3.70	-68.94	-15.31	-49.92	-31.93	1422.56	-3368.43	-1389.90	-555.96	2358.93
		198	24.57	20.22	-55.77	-20.71	-14.84	-37.88	3089.08	-506.16	2148.68	434.23	1580.06
		199	20.21	12.62	-53.75	-23.95	-17.19	-33.01	2352.47	-640.92	1256.43	455.11	1442.07
		195	29.31	3.10	-69.21	-16.02	-50.08	-31.89	2546.65	-2157.29	-496.08	885.44	2248.25
149	60	194	30.26	4.76	-70.22	-15.55	-49.91	-33.33	1430.28	-3368.59	-1383.75	-554.57	2363.35
		198	24.68	21.75	-57.06	-20.89	-14.41	-39.27	3097.36	-503.89	2155.26	438.21	1582.78
		199	20.33	14.25	-54.94	-23.95	-16.74	-34.41	2359.95	-639.64	1261.65	458.67	1445.06
		195	29.43	4.25	-70.44	-16.15	-50.04	-33.28	2553.53	-2158.30	-491.29	886.53	2252.94
150	3	196	40.70	-25.56	-58.20	-26.28	-57.48	-4.79	352.75	-5878.86	-3322.13	-2203.98	3065.23
		200	36.93	-15.67	-58.11	-29.68	-44.10	-19.96	5240.24	-254.54	4322.22	663.48	2049.77
		198	33.02	-18.45	-53.22	-30.08	-41.60	-16.40	4363.58	-761.96	3056.83	544.79	2233.88
		194	40.54	-24.15	-58.08	-25.11	-57.12	-5.63	1948.41	-4837.61	-2127.30	-761.90	3323.61
150	28	196	29.20	5.30	-70.01	-14.85	-49.86	-33.34	225.46	-4052.65	-2217.93	-1609.25	2117.29
		200	26.95	23.65	-64.03	-21.24	-19.13	-43.83	3647.53	-158.56	2999.10	489.87	1430.92
		198	24.71	20.98	-57.91	-21.27	-15.65	-39.35	3096.58	-509.50	2153.97	433.11	1584.49
		194	29.83	4.31	-71.82	-15.67	-51.84	-33.50	1400.74	-3320.92	-1391.04	-529.13	2321.16
150	60	196	29.29	6.50	-71.41	-15.11	-49.79	-34.88	233.03	-4051.37	-2211.12	-1607.22	2120.82
		200	27.07	25.39	-65.41	-21.44	-18.58	-45.37	3656.05	-156.57	3006.18	493.31	1433.66
		198	24.83	22.74	-59.28	-21.44	-15.10	-40.89	3104.73	-508.03	2160.42	436.28	1587.40
		194	29.95	5.53	-73.19	-15.90	-51.76	-35.04	1408.04	-3320.11	-1384.85	-527.22	2324.86
151	3	197	39.65	-28.65	-60.71	-29.28	-60.08	-4.46	-1291.04	-6382.70	-4362.28	-3311.46	2491.02
		201	39.91	-17.89	-67.13	-32.08	-52.94	-22.30	5965.46	269.93	5440.94	794.44	1646.90
		200	37.07	-17.33	-60.14	-30.47	-47.01	-19.74	5257.35	-267.13	4323.35	666.88	2070.63
		196	40.40	-26.27	-61.54	-26.97	-60.84	-4.91	347.38	-5834.37	-3317.63	-2169.36	3037.09
151	28	197	27.37	7.49	-72.63	-15.25	-49.88	-36.12	-953.88	-4342.33	-2909.60	-2386.61	1673.92
		201	28.40	23.98	-73.89	-23.02	-26.88	-48.90	4076.48	195.44	3716.42	555.50	1125.96
		200	27.16	23.56	-66.68	-21.97	-21.15	-45.12	3661.30	-175.78	2999.93	485.59	1449.25
		196	28.97	5.68	-73.12	-15.37	-52.07	-34.87	211.87	-4015.00	-2216.16	-1586.97	2089.89
151	60	197	27.45	8.87	-74.14	-15.50	-49.78	-37.80	-947.16	-4340.53	-2902.83	-2384.86	1676.80
		201	28.52	25.82	-75.38	-23.21	-26.34	-50.57	4084.73	196.98	3723.39	558.33	1128.83
		200	27.29	25.41	-68.19	-22.18	-20.60	-46.79	3669.83	-174.48	3006.90	488.45	1452.26
		196	29.07	7.02	-74.61	-15.63	-51.96	-36.55	218.75	-4013.35	-2209.40	-1585.20	2092.91
152	3	178	38.30	-31.07	-61.39	-32.23	-60.23	-5.82	-3077.19	-6448.22	-5223.25	-4302.16	1621.38
		183	42.41	-24.07	-77.65	-35.90	-65.82	-22.23	6583.77	755.51	6358.38	980.90	1123.77
		201	39.92	-18.53	-68.74	-31.99	-55.28	-22.24	5967.39	261.33	5440.54	788.18	1651.87
		197	39.57	-30.05	-64.47	-30.63	-63.89	-4.40	-1267.90	-6356.81	-4355.54	-3269.16	2485.80
152	28	178	25.06	11.68	-76.59	-15.57	-49.34	-40.77	-2141.84	-4261.12	-3428.88	-2974.08	1034.95
		183	29.23	21.56	-83.34	-25.42	-36.36	-52.17	4398.68	510.30	4249.61	659.37	746.61
		201	28.50	23.91	-76.35	-23.27	-29.18	-50.04	4080.49	179.18	3715.26	544.41	1136.44
		197	27.23	7.33	-75.96	-16.21	-52.42	-37.50	-957.72	-4316.54	-2906.91	-2367.35	1657.60
152	60	178	25.11	13.24	-78.23	-15.79	-49.20	-42.57	-2136.67	-4259.22	-3422.83	-2973.06	1037.17
		183	29.33	23.46	-84.96	-25.62	-35.89	-53.96	4405.95	511.45	4255.90	661.50	749.56
		201	28.63	25.81	-78.01	-23.49	-28.71	-51.84	4088.71	179.96	3722.11	546.56	1139.54
		197	27.31	8.83	-77.56	-16.45	-52.28	-39.30	-951.91	-4314.58	-2900.28	-2366.21	1659.99
153	3	164	28.61	-22.38	-63.86	-35.60	-50.65	19.32	3365.71	-1175.09	1513.01	677.60	-2231.65
		187	43.75	-18.61	-45.73	-19.12	-45.22	-3.67	3884.14	-3686.77	-767.89	965.26	-3684.93
		202	29.14	4.23	-44.12	4.02	-43.90	-3.23	4203.29	49.67	361.78	3891.17	-1094.99
		6	8.41	-44.99	-56.52	-50.43	-51.08	-5.76	1190.93	129.42	730.83	589.52	-526.03
153	28	164	20.63	-18.42	-48.57	-30.41	-36.58	-14.76	2285.84	-1103.89	782.52	399.43	-1684.00
		187	30.73	-4.48	-72.52	-24.41	-52.59	-30.96	2595.25	-2464.09	-657.76	788.92	-2424.05
		202	22.67	-8.73	-83.33	-39.38	-52.69	-36.70	3365.29	66.49	228.99	3202.79	-713.90
		6	5.53	-25.44	-69.01	-58.86	-35.59	-18.42	767.03	24.73	369.13	422.62	-370.18
153	60	164	20.72	-17.33	-49.98	-30.61	-36.70	-16.04	2283.19	-1110.55	777.46	395.18	-1686.07
		187	30.80	-3.42	-73.69	-24.59	-52.53	-32.24	2592.07	-2467.66	-662.37	786.77	-2423.89
		202	22.64	-7.86	-84.87	-40.04	-52.69	-37.98	3363.06	62.79	225.08	3200.77	-713.63
		6	5.62	-24.67	-70.69	-59.56	-35.79	-19.70	764.55	18.82	364.82	418.55	-371.89
154	2	187	30.78	-28.68	-66.42	-30.89	-64.21	-8.86	2935.43	-2364.01	-593.16	1164.58	-2499.72
		191	14.66	-7.02	-79.28	-22.19	-64.11	-29.43	1412.41	-833.18	-833.17	1412.39	-5.44
		203	36.78	-3.89	-86.45	-28.04	-62.30	-37.56	5530.11	591.72	592.11	5529.72	-43.91
		202	30.11	-37.74	-64.23	-40.85	-61.12	-8.52	4476.83	333.67	439.59	4370.91	-653.93
154	27	187	24.90	-19.83	-53.12	-23.17	-49.79	10.00	2312.31	-1832.99	-439.55	918.86	-1958.20
		191	11.35	-15.35	-49.88	-16.36	-48.87	-5.81	1123.97	-622.39	-621.79	1123.37	-32.37
		203	28.46	-13.33	-51.30	-17.55	-47.08	-11.93	4288.80	475.66	476.58	4287.88	-59.32
		202	23.65	-23.19	-51.49	-27.47	-47.21	10.13	3474.56	264.66	356.56	3382.66	-535.31
154	59	187	25.01	-18.83	-54.09	-23.12	-49.80	11.53	2317.15	-1834.09	-437.82	920.88	-1961.29
		191	11.37	-15.75	-49.40	-16.30	-48.85	-4.28	1127.66	-620.43	-619.73	1126.96	-35.01
		203	28.48	-13.93	-50.30	-17.19	-47.04	-10.39	4292.57	477.87	478.87	4291.57	-61.72

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		202	23.69	-21.77	-52.53	-27.12	-47.17	11.66	3477.66	265.64	358.49	3384.81	-538.18
155	3	191	14.69	-17.16	-47.92	-17.38	-47.69	2.63	1305.48	-1071.76	-1056.51	1290.23	189.77
		195	36.95	-18.06	-48.95	-23.81	-43.20	-12.02	3335.09	-2907.19	-628.77	1056.67	3005.22
		204	28.86	-14.66	-44.99	-17.71	-41.95	-9.11	4244.40	215.66	388.13	4071.93	815.52
		203	36.38	-16.15	-46.86	-16.43	-46.58	2.90	5487.98	490.54	492.01	5486.51	85.70
155	19	191	11.82	-20.29	-50.91	-22.62	-48.58	-8.11	1136.74	-715.88	-692.47	1113.33	206.95
		195	26.47	-10.27	-55.04	-21.64	-43.67	-19.48	2411.07	-1930.03	-410.61	891.66	2070.58
		204	22.98	-9.06	-60.01	-23.98	-45.10	-23.18	3330.84	243.80	349.09	3225.55	560.29
		203	28.52	-27.87	-51.02	-29.92	-48.96	-6.59	4287.95	423.47	425.70	4285.72	92.91
155	51	191	11.83	-21.07	-50.72	-23.18	-48.60	-7.62	1138.88	-719.26	-695.78	1115.40	207.56
		195	26.47	-11.10	-54.70	-22.21	-43.60	-19.00	2412.47	-1934.27	-414.15	892.35	2072.87
		204	22.98	-10.07	-59.78	-24.79	-45.07	-22.69	3332.61	241.22	347.15	3226.68	562.35
		203	28.52	-28.87	-50.76	-30.73	-48.90	-6.10	4290.48	421.86	424.11	4288.23	93.28
156	2	195	40.98	-9.06	-71.06	-16.81	-63.31	-20.50	3594.66	-3230.46	-665.17	1029.38	3305.70
		199	26.33	-3.75	-56.15	-34.64	-25.26	-25.78	3098.78	-981.57	1420.15	697.05	2007.88
		8	8.09	-36.76	-53.64	-47.52	-42.87	-8.12	1082.60	169.15	710.70	541.06	448.78
		204	29.56	-7.68	-68.13	-14.46	-61.35	-19.08	4191.37	155.87	403.47	3943.78	968.44
156	28	195	32.66	1.88	-65.22	-14.63	-48.70	-28.90	2829.56	-2492.91	-463.37	800.03	2585.18
		199	21.40	9.94	-56.58	-28.27	-18.38	-32.89	2459.18	-738.78	1150.22	570.18	1572.46
		8	7.16	-13.26	-51.73	-33.80	-31.19	-19.19	904.10	137.28	593.30	448.08	376.47
		204	23.27	6.06	-61.90	-8.48	-47.36	-27.87	3252.39	133.27	347.67	3037.99	789.17
156	60	195	32.76	2.79	-66.33	-14.78	-48.75	-30.10	2835.18	-2493.43	-458.71	800.46	2588.85
		199	21.50	11.11	-57.81	-28.41	-18.28	-34.09	2465.98	-737.26	1155.37	573.35	1574.96
		8	7.25	-11.86	-52.71	-33.54	-31.02	-20.39	910.55	138.01	597.50	451.06	379.27
		204	23.32	7.23	-62.82	-8.25	-47.34	-29.07	3254.93	134.66	351.32	3038.27	793.14
157	2	207	13.36	54.19	-302.14	-27.46	-220.49	-149.76	47.50	-19.86	44.96	-17.32	12.83
		68	9.06	220.79	18.58	139.45	99.92	-99.15	104.91	-10.69	26.42	67.81	53.97
		205	13.45	96.65	-183.73	-48.34	-38.73	-140.11	43.57	-391.30	-78.20	-269.54	-195.25
		206	12.54	152.67	-142.84	101.95	-92.12	-111.43	54.84	-231.79	-137.69	-39.25	134.60
157	36	207	13.56	56.36	-299.68	-27.06	-216.26	-150.80	27.03	-39.00	27.03	-39.00	-0.38
		68	9.57	231.37	6.62	119.47	118.51	-112.38	54.47	-19.66	12.52	22.29	36.74
		205	12.61	145.25	-143.12	-12.15	14.28	-143.58	27.25	-324.27	-65.63	-231.40	-154.99
		206	12.45	143.33	-172.12	85.99	-114.78	-121.66	14.79	-180.56	-112.79	-52.98	92.98
157	68	207	13.87	57.90	-305.86	-27.46	-220.51	-154.16	26.40	-41.13	26.38	-41.11	-1.24
		68	9.83	237.22	5.75	120.60	122.36	-115.73	53.02	-21.49	11.82	19.71	37.04
		205	12.82	151.88	-143.34	-9.82	18.36	-146.94	26.47	-325.41	-65.22	-233.73	-154.45
		206	12.71	145.77	-177.86	86.70	-118.79	-125.01	12.63	-180.19	-112.65	-54.90	91.98
158	2	206	12.81	135.14	-169.39	56.09	-90.34	-133.51	52.63	-239.69	-105.28	-81.79	145.69
		205	9.96	56.99	-103.53	-11.34	-35.21	-79.37	88.76	-413.56	-196.44	-128.37	-248.84
		208	11.25	-4.58	-161.78	-43.83	-122.54	-68.04	-199.16	-862.75	-830.02	-231.89	-143.69
		209	6.31	77.51	-82.37	44.73	-49.58	-64.55	-27.95	-150.60	-76.31	-102.24	59.93
158	32	206	12.44	137.80	-173.32	54.93	-90.45	-137.53	56.44	-163.71	-56.19	-51.08	110.05
		205	10.31	98.27	-94.31	11.22	-7.26	-95.84	105.23	-330.10	-128.47	-96.40	-217.07
		208	10.66	38.11	-143.06	-27.69	-77.25	-87.13	-158.54	-706.31	-668.38	-196.47	-139.07
		209	7.36	82.05	-111.45	32.43	-61.83	-84.50	-36.03	-119.91	-84.46	-71.48	41.43
158	64	206	12.69	141.00	-177.29	56.03	-92.32	-140.80	57.39	-162.47	-54.79	-50.29	109.91
		205	10.56	103.35	-95.74	13.06	-5.45	-99.11	108.02	-331.51	-127.26	-96.23	-219.22
		208	10.86	42.16	-145.04	-27.18	-75.71	-90.40	-158.63	-707.77	-668.45	-197.94	-141.57
		209	7.59	84.23	-115.94	32.26	-63.97	-87.77	-36.24	-119.42	-83.88	-71.78	41.15
159	2	209	7.44	91.59	-87.91	48.69	-45.01	-76.55	-15.23	-185.62	-88.11	-112.74	84.30
		208	10.29	-35.25	-131.40	-48.56	-118.09	-33.20	-180.27	-882.61	-832.87	-230.01	-180.16
		210	10.77	-39.18	-153.35	-42.82	-149.71	-20.05	-258.83	-1063.16	-1063.16	-258.83	-2.01
		211	2.76	30.89	-37.11	30.77	-36.99	2.95	-97.25	-131.77	-106.71	-122.31	-15.40
159	36	209	7.33	87.46	-96.74	36.92	-46.20	-82.19	-38.42	-160.88	-98.06	-101.24	61.21
		208	9.23	-5.65	-117.86	-34.08	-89.44	-48.80	-129.43	-719.32	-667.96	-180.79	-166.31
		210	9.11	-15.50	-129.13	-30.74	-113.89	-38.73	-208.64	-880.37	-879.23	-209.78	-27.67
		211	3.02	29.50	-46.60	23.16	-40.26	-21.02	-108.60	-150.87	-145.47	-114.00	-14.11
159	68	209	7.48	89.17	-99.43	36.97	-47.24	-84.38	-38.78	-160.59	-98.01	-101.36	60.88
		208	9.35	-3.60	-119.73	-33.88	-89.45	-50.99	-128.00	-720.75	-667.92	-180.84	-168.90
		210	9.21	-13.86	-130.64	-30.59	-113.91	-40.92	-209.27	-884.93	-883.59	-210.62	-30.10
		211	3.14	30.64	-48.80	23.15	-41.31	-23.21	-109.95	-154.96	-149.88	-115.03	-14.24
160	2	211	2.79	40.04	-30.19	39.67	-29.82	-5.08	-117.10	-125.04	-120.54	-121.60	3.93
		210	10.65	-52.01	-144.99	-52.24	-144.77	4.60	-253.81	-1035.48	-1034.29	-255.00	-30.49
		212	9.79	-17.90	-134.64	-20.81	-131.73	18.18	-200.31	-913.74	-897.15	-216.91	107.52
		213	5.34	53.99	-67.61	19.10	-32.72	55.00	-38.31	-172.62	-114.47	-96.46	-66.55
160	36	211	3.15	38.11	-37.00	31.36	-30.25	-21.49	-113.56	-156.88	-156.43	-114.00	-4.36
		210	8.82	-36.65	-121.01	-39.06	-118.60	-14.05	-205.07	-859.26	-857.07	-207.26	-37.83
		212	8.35	-17.46	-109.07	-17.61	-108.93	-3.65	-171.40	-768.07	-759.90	-179.57	69.36
		213	3.49	23.90	-43.66	13.13	-32.89	24.73	-64.34	-193.06	-160.31	-97.09	-56.06
160	68	211	3.24	39.05	-38.54	31.40	-30.89	-23.13	-115.12	-161.53	-160.97	-115.68	-5.05
		210	8.89	-36.12	-122.17	-39.08	-119.20	-15.69	-205.69	-863.74	-861.42	-208.01	-39.01
		212	8.43	-17.41	-109.88	-17.72	-109.58	-5.29	-172.77	-773.68	-765.80	-180.65	68.35
		213	3.45	22.50	-43.09	12.99	-33.57	23.09	-66.94	-198.51	-166.38	-99.06	-56.52

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
161	3	338	6.79	-7.88	-134.64	-134.52	-7.99	3.86	330.13	-188.18	-160.08	302.03	117.36
		214	6.21	-11.56	-131.21	-130.69	-12.09	7.90	218.68	-189.68	-188.71	217.71	-19.87
		255	6.75	-9.32	-133.22	-132.76	-9.78	7.55	286.73	-207.90	-207.65	286.47	-11.23
		337	7.36	-5.25	-137.61	-137.56	-5.30	2.51	402.83	-184.17	-175.62	394.28	70.33
161	6	338	5.37	-11.47	-118.95	-118.21	-12.20	-8.87	230.07	-128.04	-121.47	223.50	48.05
		214	5.02	-18.89	-118.36	-117.81	-19.44	-7.40	143.12	-136.95	-136.78	142.95	-6.86
		255	5.05	-15.86	-109.69	-109.01	-16.54	-7.94	216.62	-133.16	-133.16	216.61	1.30
		337	5.54	-8.44	-110.98	-110.25	-9.17	-8.62	312.21	-115.71	-114.56	311.06	22.11
161	38	338	5.41	-10.84	-119.76	-118.81	-11.79	-10.12	227.77	-129.90	-123.38	221.25	47.85
		214	5.05	-18.59	-119.19	-118.44	-19.34	-8.65	137.68	-138.86	-138.69	137.51	-6.85
		255	5.06	-15.50	-110.34	-109.44	-16.40	-9.19	211.22	-134.94	-134.93	211.21	1.56
		337	5.57	-7.77	-111.58	-110.64	-8.72	-9.87	309.98	-117.46	-116.31	308.84	22.11
162	3	339	6.08	-8.58	-130.38	-130.16	-8.80	5.18	231.97	-198.54	-138.67	172.10	148.97
		283	5.59	-10.19	-129.10	-128.55	-10.75	8.12	124.82	-161.28	-159.10	122.64	-24.90
		214	6.25	-8.38	-130.31	-129.93	-8.76	6.77	217.99	-189.27	-188.28	217.00	-20.08
		338	6.85	-4.89	-134.22	-133.98	-5.13	5.58	329.24	-188.30	-159.89	300.83	117.89
162	22	339	5.59	-11.32	-142.39	-142.38	-11.33	-1.01	-14.14	-189.21	-164.72	-38.63	60.73
		283	5.54	-15.00	-143.93	-143.90	-15.02	1.83	-71.30	-177.37	-175.15	-73.52	-15.21
		214	5.33	-11.82	-129.01	-129.01	-11.82	0.34	18.68	-175.31	-174.71	18.08	-10.80
		338	5.54	-7.04	-129.67	-129.67	-7.05	0.96	81.66	-164.76	-158.06	74.95	40.10
162	54	339	5.67	-10.77	-144.74	-144.73	-10.78	-1.46	-29.28	-195.91	-170.47	-54.72	59.94
		283	5.62	-14.59	-146.28	-146.26	-14.60	1.38	-88.04	-183.57	-181.02	-90.59	-15.38
		214	5.39	-11.27	-130.72	-130.72	-11.27	-0.11	1.78	-180.84	-180.16	1.10	-11.10
		338	5.58	-6.37	-131.37	-131.36	-6.37	0.51	65.64	-170.08	-163.38	58.94	39.17
163	1	340	6.06	-22.26	-160.90	-160.88	-22.28	1.66	48.98	-192.29	-136.80	-6.51	101.53
		280	6.07	-22.60	-165.86	-165.07	-23.39	10.60	3.80	-140.06	-136.04	-0.21	-23.70
		283	6.17	-21.53	-153.56	-153.12	-21.97	7.62	134.28	-148.32	-147.18	133.15	-17.90
		339	6.37	-18.61	-152.01	-151.69	-18.93	6.46	189.97	-161.06	-135.66	164.58	90.94
163	22	340	5.74	-12.94	-156.68	-156.56	-13.07	-4.20	-110.44	-255.74	-172.76	-193.42	71.91
		280	5.80	-14.93	-160.02	-159.96	-14.99	2.90	-160.46	-206.85	-173.00	-194.31	-20.60
		283	5.53	-12.49	-143.25	-143.25	-12.50	0.57	-89.00	-181.40	-178.55	-91.86	-16.00
		339	5.58	-9.03	-141.98	-141.98	-9.03	-0.45	-32.89	-198.12	-168.80	-62.21	63.13
163	54	340	5.85	-12.51	-159.75	-159.60	-12.66	-4.69	-122.17	-268.53	-179.16	-211.54	71.37
		280	5.91	-14.66	-163.06	-163.02	-14.69	2.41	-169.43	-222.88	-179.45	-212.86	-20.85
		283	5.61	-12.06	-145.61	-145.61	-12.06	0.07	-106.97	-188.10	-184.71	-110.36	-16.24
		339	5.65	-8.48	-144.33	-144.33	-8.48	-0.95	-49.18	-206.01	-174.91	-80.28	62.53
164	2	341	5.95	-22.85	-172.05	-171.84	-23.05	-5.56	-63.20	-249.88	-136.44	-176.65	91.15
		282	6.14	-19.83	-179.50	-178.06	-21.26	15.06	-92.67	-145.94	-118.81	-119.79	-26.63
		280	6.08	-20.83	-165.02	-164.35	-21.50	9.81	16.54	-136.78	-132.78	12.54	-24.45
		340	6.09	-20.49	-160.37	-160.32	-20.54	2.66	61.62	-186.68	-133.08	8.01	102.16
164	22	341	6.06	-13.21	-173.70	-173.04	-13.87	-10.32	-158.05	-383.48	-178.83	-362.70	65.21
		282	6.17	-13.18	-178.11	-177.93	-13.36	5.35	-159.10	-308.93	-163.64	-304.38	-25.70
		280	5.80	-11.95	-159.31	-159.30	-11.97	1.36	-160.95	-215.32	-174.05	-202.22	-23.26
		340	5.73	-10.24	-156.19	-156.08	-10.35	-4.05	-120.38	-275.97	-176.07	-220.28	74.58
164	54	341	6.20	-12.86	-177.55	-176.82	-13.58	-10.89	-166.22	-402.36	-185.55	-383.03	64.72
		282	6.31	-13.02	-181.87	-181.73	-13.16	4.78	-165.81	-327.62	-170.18	-323.25	-26.21
		280	5.91	-11.60	-162.35	-162.34	-11.61	0.78	-169.65	-232.00	-180.56	-221.08	-23.70
		340	5.83	-9.77	-159.26	-159.11	-9.91	-4.62	-132.07	-291.30	-182.76	-240.60	74.18
165	2	332	6.50	-18.46	-191.01	-188.69	-20.77	-19.86	-152.00	-387.90	-153.06	-386.83	-15.82
		233	6.52	-14.71	-193.15	-189.29	-18.56	25.95	-111.08	-239.92	-115.42	-235.58	23.25
		282	6.19	-15.68	-179.94	-178.83	-16.79	13.47	-82.48	-159.63	-118.99	-123.12	-38.52
		341	5.93	-20.24	-170.52	-170.42	-20.34	-3.89	-42.01	-267.85	-129.14	-180.71	109.94
165	24	332	7.26	-12.00	-194.16	-192.78	-13.38	-15.78	-190.85	-537.47	-192.22	-536.10	-21.81
		233	6.86	-9.64	-195.25	-193.30	-11.59	18.93	-155.90	-391.77	-156.24	-391.44	8.94
		282	6.14	-8.04	-177.35	-176.81	-8.58	9.51	-150.33	-313.83	-159.47	-304.68	-37.58
		341	5.99	-11.31	-170.46	-170.37	-11.39	-3.68	-148.21	-403.99	-174.48	-377.73	77.65
165	56	332	7.47	-11.85	-198.55	-197.19	-13.21	-15.85	-197.52	-558.71	-198.95	-557.28	-22.69
		233	7.06	-9.52	-199.61	-197.72	-11.41	18.86	-161.99	-409.94	-162.25	-409.67	8.12
		282	6.27	-7.72	-180.96	-180.45	-8.24	9.44	-156.73	-331.75	-165.55	-322.93	-38.28
		341	6.17	-10.97	-174.10	-174.01	-11.05	-3.75	-156.75	-423.43	-181.26	-398.92	77.05
166	3	87	11.16	43.88	-146.12	-145.23	42.99	-12.94	755.90	697.62	729.00	724.52	-29.05
		69	16.56	73.48	-149.81	-149.81	73.48	0.16	99.05	-861.95	-861.75	98.85	13.77
		127	8.67	30.47	-90.08	-88.63	29.02	-13.15	-44.62	-514.44	-445.21	-113.86	-166.54
		126	8.46	58.25	-122.52	-117.14	52.87	-30.70	505.19	9.25	275.65	238.79	-247.29
166	26	87	7.84	47.26	-114.72	-99.97	32.51	-46.61	448.51	-43.91	10.12	394.48	153.90
		69	13.02	60.74	-115.94	-112.85	57.66	-23.14	809.76	-27.73	-19.99	802.03	80.12
		127	6.81	25.89	-95.96	-83.61	13.55	-36.77	-343.17	-588.78	-417.72	-514.23	112.92
		126	6.36	50.21	-120.94	-103.73	33.00	-51.47	71.05	22.32	36.62	56.76	-22.19
166	58	87	7.83	47.95	-115.12	-99.61	32.45	-47.83	456.73	-37.51	17.80	401.42	155.81
		69	13.07	60.54	-116.03	-112.60	57.11	-24.36	825.76	-18.17	-10.49	818.08	80.15
		127	6.80	25.85	-97.59	-84.51	12.77	-37.98	-331.58	-579.96	-412.47	-499.07	116.40
		126	6.39	50.62	-122.43	-104.53	32.72	-52.69	71.75	31.05	40.00	62.81	-16.85
167	3	7	10.79	149.73	25.04	147.22	27.54	-17.50	409.78	-817.02	380.21	-787.46	-188.14

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		234	16.65	77.56	-1.46	25.14	50.97	37.34	-214.23	-2352.40	-218.39	-2348.24	-94.20
		216	9.47	81.49	-68.45	-42.81	55.84	56.45	208.00	-748.07	202.92	-742.99	-69.47
		83	19.19	11.50	-27.14	-17.29	1.65	16.84	2100.59	-954.67	1223.74	-77.82	-1382.08
167	34	7	7.61	96.72	17.64	92.98	21.38	-16.78	310.33	-604.54	284.58	-578.79	-151.31
		234	11.80	39.53	-43.54	-27.43	23.42	32.84	-164.35	-1632.47	-165.35	-1631.48	-38.18
		216	7.74	49.46	-76.82	-57.28	29.92	45.68	148.11	-590.18	129.74	-571.82	-115.00
		83	14.40	17.56	-39.63	-28.44	6.37	22.69	1478.97	-678.76	866.70	-66.49	-972.75
167	66	7	7.59	95.64	17.65	92.02	21.27	-16.41	310.52	-605.85	285.52	-580.85	-149.28
		234	11.90	39.99	-44.44	-28.29	23.84	33.21	-165.92	-1644.26	-166.73	-1643.45	-34.56
		216	7.83	49.97	-77.69	-58.07	30.35	46.04	147.01	-600.91	129.63	-583.53	-112.69
		83	14.44	17.59	-40.67	-29.34	6.27	23.05	1479.22	-678.83	868.70	-68.30	-972.01
168	3	37	11.98	32.98	14.08	14.19	32.87	-1.45	-235.19	-1231.73	-249.84	-1217.07	119.97
		67	2.22	-6.49	-49.99	-44.61	-11.87	-14.31	37.21	-11.20	37.20	-11.19	0.51
		240	8.17	7.27	-80.95	-80.88	7.20	-2.51	-7.74	-614.13	-446.24	-175.63	271.33
		86	10.40	53.34	-102.85	-98.67	49.17	25.18	722.13	-105.71	286.88	329.54	413.37
168	25	37	6.23	19.55	4.51	5.47	18.59	3.68	-193.92	-657.26	-201.98	-649.21	60.56
		67	2.05	12.92	-12.86	7.36	-7.30	-10.60	107.60	-45.04	105.46	-42.90	-17.94
		240	4.47	20.21	-61.79	-55.10	13.52	-22.45	109.62	-124.13	12.59	-27.10	115.18
		86	6.87	36.34	-69.16	-69.00	36.17	4.13	165.01	-336.18	-185.65	14.48	229.75
168	57	37	6.25	19.63	2.93	4.04	18.52	4.16	-194.33	-658.57	-202.76	-650.15	61.97
		67	1.98	11.40	-12.82	5.95	-7.36	-10.12	107.19	-44.06	105.04	-41.91	-17.91
		240	4.45	19.96	-62.37	-56.02	13.60	-21.97	108.10	-126.21	8.68	-26.79	115.80
		86	6.97	36.45	-70.13	-69.93	36.25	4.61	164.57	-341.55	-189.88	12.90	231.86
169	2	66	4.00	-2.48	-81.95	-42.20	-42.22	-39.74	5.73	-217.96	2.60	-214.83	26.25
		207	8.43	68.60	-152.70	48.32	-132.41	-63.86	-26.39	-163.91	-96.43	-93.87	68.75
		206	10.80	96.15	-157.75	45.45	-107.05	-101.50	55.48	-219.25	-91.79	-71.98	137.01
		74	5.83	108.42	-39.41	62.83	6.18	-68.27	179.53	61.08	175.83	64.78	20.60
169	36	66	4.26	6.34	-83.94	-31.27	-46.33	-44.51	-3.88	-180.17	-4.75	-179.30	12.39
		207	8.08	49.86	-168.86	29.64	-148.64	-63.35	-46.47	-136.42	-84.44	-98.46	44.43
		206	9.88	81.97	-167.26	41.30	-126.58	-92.10	8.15	-176.93	-85.97	-82.81	92.52
		74	5.79	102.33	-47.21	61.45	-6.33	-66.65	123.48	34.09	123.18	34.39	5.18
169	68	66	4.36	6.96	-85.77	-31.31	-47.50	-45.65	-4.61	-181.33	-5.38	-180.56	11.66
		207	8.22	49.55	-173.46	29.00	-152.92	-64.50	-48.60	-137.39	-85.37	-100.62	43.74
		206	10.03	82.66	-171.38	41.90	-130.62	-93.24	5.32	-177.60	-87.21	-85.07	91.46
		74	5.90	103.98	-48.55	62.67	-7.24	-67.79	122.37	32.81	122.18	33.01	4.21
170	2	74	4.50	76.48	-1.13	67.41	7.94	-24.94	185.51	2.80	183.09	5.23	20.90
		206	11.47	121.97	-161.08	57.09	-96.21	-118.97	26.17	-187.94	-99.48	-62.30	105.43
		209	7.54	80.58	-99.48	52.47	-71.37	-65.36	-44.53	-204.85	-155.63	-93.75	73.95
		77	7.73	144.74	21.10	119.26	46.59	-50.02	333.93	75.70	332.89	76.74	16.36
170	36	74	4.86	81.80	-23.91	64.65	-6.76	-38.97	128.47	-14.08	128.47	-14.08	-0.15
		206	10.59	113.79	-155.00	54.74	-95.95	-111.29	16.29	-144.20	-85.88	-42.03	77.19
		209	7.57	81.21	-108.14	50.23	-77.17	-70.04	-15.97	-147.94	-101.47	-62.44	63.04
		77	7.37	134.20	-7.76	103.76	22.68	-58.26	268.71	43.67	268.71	43.68	0.56
170	68	74	5.00	83.97	-25.92	65.85	-7.80	-40.78	127.45	-15.79	127.43	-15.77	-1.66
		206	10.76	115.66	-157.81	55.76	-97.91	-113.10	16.37	-144.61	-86.63	-41.61	77.28
		209	7.73	82.99	-110.98	51.14	-79.14	-71.86	-14.78	-146.88	-100.06	-61.60	63.19
		77	7.51	136.34	-9.82	104.87	21.64	-60.08	269.50	42.25	269.50	42.26	-0.57
171	2	77	7.31	127.99	52.70	126.71	53.98	-9.74	337.03	73.10	336.26	73.87	14.25
		209	8.08	89.00	-108.78	49.08	-68.86	-79.38	-52.65	-198.26	-156.91	-94.01	65.66
		211	4.35	44.80	-55.47	44.78	-55.45	-1.60	-103.23	-189.45	-188.88	-103.81	7.01
		79	7.56	118.70	67.19	117.10	68.80	-8.95	414.61	104.39	414.57	104.44	-3.70
171	36	77	6.61	118.39	23.55	110.29	31.65	-26.51	275.14	52.31	275.13	52.32	0.76
		209	7.72	91.55	-104.33	50.01	-62.79	-80.06	-32.65	-147.16	-106.89	-72.93	54.68
		211	3.92	45.22	-57.59	41.08	-53.44	-20.22	-76.14	-112.04	-110.44	-77.74	7.42
		79	6.69	106.81	31.73	96.46	42.08	-25.89	354.10	85.49	353.39	86.20	-13.71
171	68	77	6.71	120.43	22.01	111.48	30.97	-28.30	276.26	51.95	276.26	51.95	-0.19
		209	7.86	93.74	-106.19	51.16	-63.61	-81.85	-32.31	-146.87	-105.89	-73.28	54.91
		211	3.99	46.50	-59.17	41.70	-54.37	-22.01	-75.89	-109.21	-107.39	-77.70	7.57
		79	6.79	108.44	29.88	97.04	41.28	-27.67	357.19	85.89	356.39	86.69	-14.74
172	2	79	8.07	137.28	67.58	129.62	75.25	21.81	413.63	106.11	413.54	106.19	-5.02
		211	4.08	39.02	-55.28	37.30	-53.55	-12.62	-103.36	-186.93	-186.93	-103.36	0.34
		213	5.62	58.53	-65.51	32.58	-39.56	50.45	-52.45	-199.04	-168.34	-83.15	-59.65
		81	6.00	99.03	32.48	72.85	58.66	32.51	388.10	97.95	385.51	100.54	-27.26
172	27	79	6.04	115.18	41.50	93.23	63.44	33.69	277.43	73.12	277.31	73.24	4.90
		211	3.14	22.78	-40.54	21.94	-39.71	7.22	-81.66	-183.13	-182.88	-81.91	5.07
		213	5.31	57.39	-64.74	21.23	-28.59	55.75	-54.50	-187.23	-174.55	-67.19	-39.02
		81	4.78	93.80	9.91	52.69	51.02	41.94	250.52	67.16	249.92	67.76	-10.47
172	59	79	6.04	116.31	40.11	92.64	63.77	35.26	273.95	72.34	273.79	72.50	5.71
		211	3.16	22.56	-40.95	21.32	-39.71	8.79	-81.83	-186.57	-186.28	-82.12	5.49
		213	5.41	58.59	-66.25	20.88	-28.54	57.32	-55.49	-190.61	-178.62	-67.48	-38.42
		81	4.82	95.40	8.39	52.39	51.40	43.50	246.23	66.39	245.73	66.90	-9.49
173	2	213	5.12	60.25	-55.88	29.52	-25.15	51.23	-51.33	-170.33	-125.29	-96.36	-57.71
		212	9.20	-27.97	-133.87	-34.29	-127.54	25.09	-196.42	-865.80	-852.68	-209.54	92.78

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		224	8.01	-1.43	-119.65	-11.04	-110.04	32.31	-152.75	-728.67	-698.13	-183.29	129.05
		225	6.35	65.10	-79.83	12.57	-27.31	69.67	-10.39	-168.45	-103.20	-75.64	-77.82
173	36	213	3.64	32.76	-35.87	21.65	-24.76	25.28	-67.01	-195.75	-168.22	-94.53	-52.78
		212	7.56	-28.16	-108.58	-28.48	-108.25	5.11	-165.30	-732.98	-725.50	-172.78	64.71
		224	6.87	-9.50	-96.13	-10.83	-94.80	10.65	-133.18	-620.87	-602.36	-151.69	93.19
		225	4.30	34.04	-52.21	8.30	-26.47	39.46	-36.97	-188.13	-147.26	-77.84	-67.14
173	68	213	3.63	31.66	-35.33	21.56	-25.23	23.97	-69.09	-201.56	-174.28	-96.37	-53.57
		212	7.64	-28.49	-109.38	-28.67	-109.20	3.81	-166.37	-738.81	-731.39	-173.79	64.75
		224	6.95	-10.02	-96.77	-11.04	-95.75	9.34	-134.30	-626.54	-608.15	-152.68	93.34
		225	4.26	32.62	-51.39	8.18	-26.95	38.16	-39.27	-193.59	-153.22	-79.64	-67.82
174	2	225	6.39	69.25	-76.27	17.14	-24.16	69.77	-11.82	-169.30	-104.28	-76.83	-77.53
		224	8.01	-5.10	-117.34	-14.81	-107.64	31.54	-151.44	-725.83	-695.21	-182.06	129.02
		226	7.13	4.11	-102.92	-9.36	-89.45	35.49	-102.45	-561.42	-507.27	-156.59	148.05
		227	7.43	79.50	-88.91	11.62	-21.03	82.60	31.08	-160.05	-72.77	-56.20	-95.21
174	36	225	4.44	39.11	-49.29	12.24	-22.42	40.66	-35.58	-190.61	-147.97	-78.22	-69.22
		224	6.74	-12.40	-95.58	-13.93	-94.05	11.18	-126.86	-623.78	-600.04	-150.61	106.01
		226	5.48	-7.93	-82.99	-10.73	-80.19	14.22	-88.39	-487.11	-446.27	-129.23	120.89
		227	5.09	45.71	-58.93	6.97	-20.19	50.53	-1.81	-173.91	-114.96	-60.77	-81.67
174	68	225	4.40	37.86	-48.45	12.15	-22.74	39.47	-37.68	-196.23	-153.92	-79.99	-70.13
		224	6.82	-12.95	-96.33	-14.17	-95.11	9.98	-128.06	-629.26	-605.81	-151.51	105.84
		226	5.48	-8.72	-83.61	-11.06	-81.28	13.03	-89.65	-491.76	-451.40	-130.01	120.82
		227	5.03	44.32	-58.06	6.79	-20.53	49.33	-3.91	-178.72	-120.26	-62.38	-82.47
175	2	227	7.39	80.28	-87.01	11.71	-18.43	82.27	29.93	-160.37	-73.21	-57.23	-94.82
		226	7.09	4.85	-100.46	-8.95	-86.66	35.54	-102.98	-559.97	-505.48	-157.48	148.10
		228	6.19	9.48	-84.34	-7.16	-67.70	35.84	-52.68	-399.49	-316.02	-136.14	148.25
		229	8.42	92.72	-95.94	9.43	-12.64	93.68	90.44	-137.33	-21.57	-25.32	-113.87
175	21	227	6.36	76.50	-79.52	10.72	-13.75	77.05	51.70	-72.82	6.59	-27.71	-59.85
		226	5.63	19.92	-76.48	-2.97	-53.58	41.02	-68.63	-370.01	-326.24	-112.41	106.20
		228	5.14	26.37	-64.83	0.10	-38.56	41.30	-29.61	-261.64	-192.59	-98.66	106.09
		229	7.21	87.14	-85.59	10.91	-9.36	85.77	91.93	-64.14	33.81	-6.02	-75.45
175	53	227	6.42	77.87	-80.66	10.88	-13.67	78.31	54.85	-68.61	12.42	-26.18	-58.64
		226	5.67	21.54	-76.65	-2.60	-52.51	42.28	-67.27	-364.99	-320.57	-111.69	106.07
		228	5.19	28.21	-65.04	0.62	-37.46	42.56	-28.04	-258.05	-187.96	-98.12	105.87
		229	7.28	88.62	-86.65	11.24	-9.27	87.03	94.37	-60.48	38.60	-4.71	-74.34
176	2	229	8.43	93.74	-94.06	9.23	-9.55	93.43	94.90	-137.58	-17.98	-24.71	-116.19
		228	6.23	8.87	-82.31	-8.22	-65.23	35.58	-59.34	-405.84	-317.77	-147.40	150.86
		230	4.78	14.52	-64.19	-4.01	-45.66	33.39	13.92	-221.97	-130.04	-78.01	115.04
		231	9.63	117.01	-100.95	18.70	-2.63	108.46	164.11	-87.01	42.07	35.02	-125.51
176	21	229	7.19	86.51	-86.50	9.75	-9.74	85.96	89.08	-65.98	34.58	-11.48	-74.03
		228	5.12	27.70	-61.94	-0.14	-34.10	41.47	-41.11	-266.52	-194.90	-112.72	104.95
		230	4.23	36.24	-47.48	6.92	-18.15	39.94	9.60	-145.63	-69.94	-66.09	77.59
		231	8.11	106.75	-89.47	21.12	-3.84	97.31	125.42	-42.50	61.73	21.19	-81.48
176	53	229	7.26	87.81	-87.84	9.99	-10.01	87.25	90.98	-62.59	39.17	-10.78	-72.61
		228	5.17	29.71	-62.05	0.43	-32.77	42.77	-40.45	-262.70	-190.37	-112.78	104.13
		230	4.30	38.56	-47.49	7.82	-16.75	41.24	9.97	-143.60	-67.15	-66.49	76.78
		231	8.18	108.30	-90.60	21.73	-4.03	98.61	125.72	-40.31	64.59	20.82	-80.08
177	3	284	43.80	-79.38	-205.74	-200.10	-85.02	-26.10	6343.64	1366.68	6205.47	1504.85	-817.65
		260	14.62	43.98	-236.70	-215.44	22.72	74.25	1413.61	1324.14	1368.63	1369.13	44.73
		259	14.78	40.79	-218.40	-217.39	39.78	-16.19	1540.43	1463.50	1464.85	1539.07	10.13
		295	48.90	-69.93	-315.38	-285.14	-100.18	80.67	6765.86	1649.38	6747.16	1668.08	308.75
177	14	284	30.03	-49.13	-144.89	-144.69	-49.34	-4.43	4273.32	916.72	4174.05	1015.99	-568.63
		260	11.11	40.60	-171.75	-153.00	21.85	60.24	1062.98	929.10	1015.32	976.76	-64.11
		259	10.68	33.41	-149.19	-149.15	33.37	2.67	1158.08	1022.52	1097.02	1083.58	-67.44
		295	32.10	-32.35	-217.18	-187.98	-61.55	67.41	4421.72	1079.44	4411.30	1089.87	186.34
177	46	284	30.12	-48.78	-145.53	-145.31	-49.00	-4.63	4284.20	918.55	4184.51	1018.24	-570.60
		260	11.19	41.25	-172.02	-153.50	22.74	60.04	1073.04	934.59	1026.25	981.38	-65.49
		259	10.76	34.26	-149.83	-149.80	34.23	2.47	1167.28	1029.23	1108.14	1088.36	-68.31
		295	32.19	-32.61	-217.67	-188.74	-61.54	67.21	4433.07	1082.09	4422.83	1092.33	184.94
178	3	295	48.69	-89.73	-274.47	-258.18	-106.03	-52.39	6832.56	1679.37	6828.43	1683.50	145.70
		259	15.19	42.12	-249.46	-237.82	30.48	57.09	1625.44	1337.94	1421.79	1541.59	130.67
		273	12.35	62.95	-218.98	-202.25	46.22	-66.62	1086.54	1018.25	1024.81	1079.97	-20.13
		293	43.20	-58.21	-300.42	-268.69	-89.94	81.73	6031.59	1018.74	5658.64	1391.69	1315.47
178	17	295	31.80	-62.60	-180.29	-172.82	-70.08	-28.71	4441.31	1089.63	4435.90	1095.04	134.55
		259	10.99	30.99	-167.05	-160.04	23.98	36.60	1136.83	1042.29	1083.20	1095.93	46.84
		273	9.05	45.25	-140.86	-131.28	35.67	-41.12	847.91	814.16	847.53	814.54	3.55
		293	27.51	-33.12	-196.30	-173.97	-55.44	56.08	3838.02	613.94	3571.13	880.82	888.39
178	49	295	31.89	-62.16	-181.61	-173.49	-70.27	-30.06	4451.97	1091.76	4446.31	1097.42	137.84
		259	11.06	31.07	-167.11	-160.63	24.58	35.25	1148.18	1048.82	1095.29	1101.71	49.58
		273	9.16	46.35	-142.12	-132.01	36.24	-42.47	859.83	818.88	858.55	820.16	7.13
		293	27.63	-34.31	-196.13	-174.81	-55.63	54.73	3849.96	614.54	3581.47	883.03	892.52
179	3	293	44.98	-58.03	-288.11	-252.09	-94.05	-83.61	5929.95	1113.00	5641.27	1401.69	1143.35
		273	11.84	39.50	-216.26	-214.02	37.27	23.80	1155.10	909.95	975.06	1089.99	108.27
		274	9.67	85.80	-180.89	-134.88	39.80	-100.76	451.59	-187.75	419.24	-155.40	-140.13

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		291	27.55	1.04	-193.31	-152.25	-40.02	79.33	3684.01	-430.69	2704.87	548.45	1752.18
179	32	293	26.17	-47.66	-152.28	-151.46	-48.48	-9.23	3544.51	647.70	3380.36	811.86	669.76
		273	8.05	48.93	-140.36	-125.13	33.70	51.50	809.17	654.02	655.77	807.42	-16.38
		274	4.89	43.64	-72.02	-65.39	37.01	-26.89	375.58	73.35	352.69	96.23	-79.95
		291	18.67	51.78	-141.00	-81.98	-7.25	88.85	2138.76	-308.60	1512.87	317.29	1067.73
179	64	293	26.07	-47.64	-151.56	-151.06	-48.13	-7.16	3536.26	646.97	3374.96	808.27	663.35
		273	8.09	51.00	-140.97	-124.63	34.66	53.57	814.67	648.63	651.63	811.67	-22.12
		274	4.84	43.69	-70.39	-64.70	38.01	-24.82	375.58	75.47	350.02	101.03	-83.77
		291	18.73	54.12	-142.41	-81.42	-6.87	90.92	2131.10	-307.47	1508.75	314.88	1063.17
180	3	291	31.44	20.13	-228.77	-166.13	-42.50	-108.01	3247.82	-491.31	2277.35	479.15	1639.17
		274	7.93	32.62	-121.99	-121.99	32.62	0.33	499.70	15.97	499.56	16.12	-8.29
		275	18.96	80.77	-103.63	-44.51	21.65	-86.06	-368.15	-2741.87	-370.63	-2739.39	-76.71
		3	13.64	176.77	-50.51	104.70	21.56	105.77	360.98	-914.57	172.26	-725.85	452.89
180	17	291	19.96	15.61	-134.61	-103.22	-15.78	-61.07	2013.07	-471.87	1344.86	196.34	1101.80
		274	6.09	32.75	-68.70	-68.62	32.68	-2.80	459.58	-35.08	449.38	-24.87	70.31
		275	11.90	65.19	-45.47	-7.14	26.86	-52.66	-119.69	-1634.21	-119.71	-1634.18	-5.67
		3	7.89	108.50	-9.06	68.15	31.28	55.82	252.55	-524.07	44.35	-315.87	344.02
180	49	291	20.10	16.40	-136.26	-103.87	-15.99	-62.41	2018.05	-478.11	1349.07	190.86	1105.59
		274	6.22	34.03	-69.15	-68.98	33.86	-4.14	460.98	-52.04	451.07	-42.13	70.63
		275	12.06	67.29	-46.30	-7.13	28.12	-53.99	-122.97	-1652.48	-123.01	-1652.44	-7.95
		3	7.83	107.04	-7.96	67.92	31.16	54.48	250.78	-529.74	43.36	-322.33	344.78
181	3	285	38.08	-29.76	-65.29	-32.34	-62.72	-9.21	6422.44	3063.05	5224.79	4260.70	-1609.04
		284	42.44	-17.53	-77.54	-34.78	-60.29	-27.16	-761.31	-6572.31	-6344.78	-988.85	-1127.14
		119	39.86	-13.24	-70.94	-31.29	-52.89	-26.75	-277.50	-5944.95	-5429.49	-792.96	-1629.61
		121	39.23	-28.15	-66.21	-30.24	-64.11	-8.69	6330.83	1259.82	4359.57	3231.07	-2471.92
181	34	285	24.76	8.51	-74.59	-18.01	-48.07	-38.74	4227.74	2151.30	3456.63	2922.41	-1003.27
		284	29.10	21.61	-77.97	-25.23	-31.12	-49.70	-516.12	-4383.26	-4237.30	-662.07	-736.96
		119	28.24	22.65	-72.57	-23.49	-26.42	-47.59	-201.08	-4061.59	-3713.91	-548.75	-1105.14
		121	26.89	6.13	-74.56	-18.11	-50.31	-36.99	4281.79	989.98	2938.52	2333.25	-1617.84
181	66	285	24.79	9.75	-75.88	-18.26	-47.88	-40.17	4225.53	2146.81	3450.97	2921.37	-1005.06
		284	29.19	23.09	-79.32	-25.47	-30.75	-51.14	-517.06	-4389.90	-4243.15	-663.82	-739.48
		119	28.35	24.13	-73.95	-23.76	-26.05	-49.03	-201.90	-4069.17	-3720.40	-550.67	-1107.76
		121	26.95	7.32	-75.83	-18.38	-50.12	-38.43	4279.50	984.75	2932.19	2332.06	-1619.81
182	3	121	39.26	-26.93	-63.15	-29.14	-60.94	-8.68	6349.55	1290.70	4365.49	3274.77	-2469.93
		119	39.91	-11.95	-68.70	-31.12	-49.53	-26.84	-280.69	-5949.66	-5428.13	-802.22	-1638.45
		123	36.97	-11.42	-62.17	-29.70	-43.89	-24.37	246.86	-5224.18	-4305.96	-671.35	-2044.62
		125	39.92	-24.40	-63.93	-26.86	-61.48	-9.54	5799.78	-341.69	3319.54	2138.55	-3013.42
182	34	121	26.98	6.25	-71.68	-17.28	-48.16	-35.78	4303.02	995.23	2941.36	2356.90	-1627.87
		119	28.21	22.98	-70.36	-23.21	-24.16	-46.67	-209.31	-4062.25	-3713.81	-557.75	-1105.04
		123	26.84	22.11	-64.43	-22.56	-19.76	-43.24	149.68	-3637.95	-3003.60	-484.67	-1414.32
		125	28.55	5.24	-73.04	-17.17	-50.63	-35.39	3985.04	-151.97	2249.79	1583.28	-2041.48
182	66	121	27.04	7.33	-72.89	-17.55	-48.01	-37.11	4301.03	989.39	2934.97	2355.45	-1630.27
		119	28.31	24.38	-71.63	-23.47	-23.78	-48.00	-210.60	-4069.79	-3720.37	-560.01	-1107.42
		123	26.95	23.51	-65.71	-22.83	-19.38	-44.58	148.51	-3645.72	-3010.23	-486.97	-1416.81
		125	28.63	6.30	-74.23	-17.46	-50.48	-36.72	3983.16	-158.04	2243.32	1581.80	-2044.01
183	3	125	40.16	-23.62	-60.95	-26.23	-58.35	-9.51	5839.50	-340.68	3324.09	2174.72	-3036.18
		123	36.89	-9.53	-59.89	-28.82	-40.60	-24.48	239.92	-5215.34	-4304.61	-670.80	-2034.41
		9	32.89	-12.56	-55.64	-29.65	-38.55	-21.07	742.84	-4321.85	-3033.12	-545.90	-2205.95
		17	40.49	-22.07	-61.09	-25.24	-57.91	-10.67	4798.76	-1931.41	2126.66	740.70	-3292.96
183	34	125	28.75	5.02	-70.31	-16.69	-48.60	-34.12	4021.57	-156.59	2252.74	1612.24	-2064.39
		123	26.70	22.26	-61.91	-21.85	-17.81	-42.04	139.47	-3630.11	-3002.46	-488.18	-1404.29
		9	24.37	19.06	-57.48	-22.50	-15.93	-38.13	485.63	-3067.53	-2157.21	-424.69	-1551.08
		17	29.39	4.17	-72.60	-17.46	-50.97	-34.53	3311.53	-1318.23	1426.58	566.72	-2274.60
183	66	125	28.82	5.95	-71.42	-16.98	-48.49	-35.33	4020.32	-162.99	2246.31	1611.02	-2067.39
		123	26.80	23.53	-63.10	-22.11	-17.45	-43.25	137.86	-3637.79	-3009.15	-490.78	-1406.52
		9	24.48	20.36	-58.66	-22.73	-15.57	-39.35	484.30	-3074.80	-2163.31	-427.20	-1553.47
		17	29.48	5.11	-73.69	-17.73	-50.85	-35.75	3310.74	-1324.38	1420.75	565.60	-2277.77
184	3	17	40.87	-21.40	-58.25	-24.89	-54.77	-10.78	4848.16	-1945.71	2125.12	777.33	-3329.42
		9	32.94	-10.37	-53.52	-28.58	-35.31	-21.31	756.98	-4318.41	-3024.46	-536.97	-2212.01
		83	26.37	-20.98	-54.69	-36.24	-39.44	-16.78	973.88	-3185.10	-1697.47	-513.74	-1993.48
		84	39.10	-20.30	-55.33	-23.61	-52.02	-10.25	3189.36	-3433.39	846.06	-1090.09	-3166.70
184	34	17	29.69	3.73	-70.10	-17.21	-49.16	-33.28	3362.99	-1328.71	1427.51	606.77	-2309.68
		9	24.29	18.57	-55.08	-21.83	-14.68	-36.65	489.18	-3064.34	-2151.47	-423.69	-1552.60
		83	19.98	10.69	-56.44	-27.37	-18.38	-33.26	637.58	-2311.11	-1245.94	-427.58	-1416.43
		84	28.81	2.04	-69.68	-17.67	-49.97	-32.01	2180.70	-2444.21	531.63	-795.14	-2215.26
184	66	17	29.79	4.53	-71.11	-17.48	-49.10	-34.36	3363.69	-1334.81	1421.90	606.99	-2313.64
		9	24.39	19.68	-56.18	-22.08	-14.42	-37.73	487.30	-3071.54	-2157.65	-426.58	-1554.73
		83	20.07	11.85	-57.48	-27.53	-18.10	-34.34	636.57	-2317.34	-1250.58	-430.19	-1418.85
		84	28.91	2.91	-70.63	-17.83	-49.89	-33.09	2182.40	-2449.47	527.57	-794.64	-2219.57
185	2	81	6.74	122.59	28.75	89.07	62.27	44.97	378.67	96.20	375.41	99.47	-30.18
		213	4.84	43.48	-60.18	22.48	-39.18	41.66	-49.62	-191.88	-160.17	-81.34	-59.21
		225	6.36	65.40	-72.08	26.01	-32.69	62.16	-7.85	-193.40	-134.79	-66.46	-86.26
		118	5.35	99.62	-3.07	50.03	46.51	51.32	334.93	81.62	329.43	87.11	-36.90

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
185	27	81	5.29	107.23	8.73	64.66	51.31	48.80	243.03	64.69	241.79	65.93	-14.82
		213	4.51	43.05	-58.68	13.33	-28.96	46.26	-55.98	-179.34	-168.63	-66.69	-34.74
		225	5.72	62.41	-68.40	17.74	-23.74	62.03	-29.52	-172.55	-147.20	-54.87	-54.62
		118	4.55	91.56	-15.84	36.35	39.36	53.68	210.94	54.44	208.56	56.83	-19.16
185	59	81	5.31	108.39	7.38	64.31	51.47	50.10	238.70	63.83	237.56	64.96	-14.04
		213	4.58	43.98	-59.98	12.97	-28.98	47.56	-57.12	-182.60	-172.73	-66.99	-33.78
		225	5.79	63.51	-69.70	17.54	-23.73	63.33	-31.22	-175.12	-151.18	-55.16	-53.58
		118	4.60	92.86	-17.15	36.16	39.55	54.98	206.67	53.66	204.45	55.88	-18.30
186	2	118	5.42	102.10	1.10	54.69	48.50	50.40	333.59	79.01	327.26	85.34	-39.64
		225	6.26	63.82	-71.59	22.24	-30.02	62.46	-7.53	-190.64	-132.95	-65.22	-85.06
		227	7.27	72.30	-83.82	16.00	-27.51	74.97	38.36	-183.71	-98.72	-46.62	-107.93
		120	4.69	84.75	-22.61	32.59	29.54	53.66	270.57	58.84	261.50	67.90	-42.86
186	23	118	4.45	91.05	-11.28	39.61	40.15	51.17	210.76	48.65	207.63	51.78	-22.30
		225	5.49	59.46	-66.91	14.65	-22.11	60.45	-30.58	-167.75	-144.59	-53.74	-51.39
		227	6.24	67.48	-76.10	11.38	-20.00	70.06	1.16	-153.55	-113.67	-38.72	-67.68
		120	4.25	78.51	-28.84	23.93	25.74	53.66	166.32	34.97	161.95	39.34	-23.56
186	55	118	4.48	92.14	-12.45	39.39	40.30	52.29	206.58	47.52	203.60	50.49	-21.55
		225	5.56	60.37	-68.10	14.43	-22.15	61.58	-32.29	-170.07	-148.44	-53.93	-50.13
		227	6.30	68.52	-77.24	11.29	-20.01	71.18	-1.01	-154.97	-117.13	-38.86	-66.29
		120	4.31	79.68	-29.93	23.83	25.91	54.79	162.45	33.99	158.31	38.14	-22.69
187	2	120	4.74	86.40	-21.29	33.31	31.79	53.84	270.57	59.41	260.44	69.54	-45.13
		227	7.24	73.63	-81.81	16.28	-24.46	75.00	38.19	-182.67	-97.27	-47.22	-107.56
		229	7.96	78.80	-89.72	15.29	-26.21	81.67	81.71	-174.09	-70.28	-22.10	-125.62
		122	4.49	63.39	-39.95	11.70	11.75	51.67	198.58	28.74	187.64	39.69	-41.71
187	23	120	4.16	77.44	-25.91	24.58	26.95	51.66	165.74	32.30	160.53	37.51	-25.84
		227	6.06	64.96	-74.71	11.28	-21.04	67.94	-2.63	-151.01	-112.93	-40.71	-64.81
		229	6.58	70.10	-80.01	12.32	-22.23	73.04	30.50	-136.82	-85.07	-21.25	-77.34
		122	3.93	60.86	-39.09	10.04	11.73	49.97	116.64	11.31	111.85	16.10	-21.94
187	55	120	4.21	78.39	-26.80	24.49	27.10	52.58	161.82	31.04	156.84	36.02	-25.03
		227	6.10	65.72	-75.75	11.17	-21.19	68.86	-5.15	-152.29	-116.43	-41.01	-63.17
		229	6.63	70.98	-80.97	12.37	-22.36	73.96	27.82	-137.26	-87.93	-21.51	-75.56
		122	3.97	61.93	-39.88	10.14	11.91	50.89	113.27	10.27	108.79	14.75	-21.01
188	2	122	4.47	64.92	-37.77	12.78	14.37	51.34	200.75	34.71	189.39	46.07	-41.93
		229	8.04	80.98	-88.56	15.64	-23.23	82.51	82.58	-177.31	-71.56	-23.17	-127.67
		231	7.88	77.02	-89.02	22.79	-34.78	77.87	95.48	-161.52	-61.74	-4.29	-125.25
		124	3.96	36.21	-52.36	-12.82	-3.34	44.03	124.79	-11.98	114.96	-2.15	-35.32
188	23	122	3.76	59.48	-34.23	11.29	13.96	46.83	118.32	12.31	112.33	18.30	-24.48
		229	6.39	67.26	-78.39	11.54	-22.67	70.79	16.43	-145.41	-93.84	-35.14	-75.41
		231	6.27	64.93	-78.30	17.98	-31.35	67.24	31.97	-125.02	-74.22	-18.84	-73.45
		124	3.34	37.58	-45.16	-8.01	0.43	41.16	70.63	-20.61	66.40	-16.39	-19.18
188	55	122	3.79	60.31	-34.70	11.43	14.18	47.48	114.94	10.95	109.19	16.70	-23.77
		229	6.41	67.69	-79.33	11.50	-23.15	71.44	12.29	-146.41	-97.43	-36.70	-73.31
		231	6.29	65.42	-79.21	18.02	-31.81	67.89	28.27	-125.13	-76.68	-20.17	-71.31
		124	3.37	38.43	-45.61	-7.84	0.66	41.81	68.28	-21.73	64.32	-17.77	-18.45
189	2	231	10.21	129.53	-99.88	27.64	2.02	113.99	209.12	-62.60	58.58	87.93	-135.06
		230	5.06	-2.81	-67.58	-27.12	-43.28	31.36	-56.04	-276.18	-137.68	-194.53	106.34
		69	7.78	104.08	-35.73	87.22	-18.86	45.54	462.02	64.17	64.23	461.96	-4.86
		240	7.86	125.25	-93.78	32.58	-1.10	108.21	75.51	5.27	69.29	11.50	-19.96
189	21	231	8.43	111.13	-89.21	27.01	-5.09	98.88	145.35	-43.43	68.84	33.08	-92.68
		230	4.27	23.51	-48.11	-10.07	-14.54	35.74	-49.26	-234.91	-83.82	-200.35	72.26
		69	5.70	98.25	-18.62	74.74	4.89	46.85	293.98	42.01	42.99	293.00	-15.69
		240	6.74	105.43	-86.06	27.66	-8.28	94.05	65.20	-28.27	64.76	-27.83	-6.40
189	53	231	8.49	112.20	-90.41	27.53	-5.75	99.93	144.55	-43.27	71.19	30.09	-91.63
		230	4.31	25.86	-47.82	-9.11	-12.85	36.79	-49.09	-237.48	-81.87	-204.70	71.42
		69	5.71	99.98	-18.06	75.43	6.49	47.90	289.44	41.47	42.61	288.30	-16.77
		240	6.84	106.31	-87.44	27.88	-9.01	95.10	66.21	-31.47	65.89	-31.15	-5.53
190	3	286	70.09	-54.67	-140.00	-61.29	-133.39	-22.81	-1651.36	-1.073e+04	-1812.70	-1.057e+04	1199.75
		3	9.78	3.74	-29.14	-16.32	-9.08	-16.04	198.80	-1245.54	-422.81	-623.93	715.13
		291	38.68	-30.00	-61.69	-51.00	-40.69	-14.98	872.98	-5306.51	-3507.70	-925.83	2807.13
		292	56.17	-23.74	-119.61	-32.97	-110.38	-28.27	6770.48	-2240.45	2914.28	1615.75	4458.44
190	34	286	44.79	-8.31	-141.49	-61.21	-88.59	-65.17	-1063.75	-6926.32	-1133.42	-6856.65	635.28
		3	8.22	76.52	-30.11	9.78	36.63	-51.60	161.93	-666.29	-189.88	-314.49	409.39
		291	26.24	45.07	-76.14	-29.00	-2.07	-59.09	677.84	-3155.58	-1972.34	-505.40	1770.82
		292	37.46	43.08	-107.91	-0.12	-64.71	-68.24	4123.11	-1507.87	1794.41	820.83	2773.09
190	66	286	44.75	-5.67	-143.01	-61.22	-87.46	-67.40	-1062.46	-6927.12	-1131.41	-6858.16	632.17
		3	8.33	79.45	-31.80	9.82	37.84	-53.83	163.68	-660.13	-186.60	-309.85	407.27
		291	26.34	48.17	-77.59	-28.61	-0.81	-61.33	682.08	-3150.16	-1967.59	-500.49	1770.15
		292	37.57	45.73	-108.99	0.27	-63.53	-70.48	4123.05	-1505.52	1797.92	819.62	2771.45
191	3	292	47.60	-33.60	-113.98	-42.03	-105.55	-24.62	5797.70	-1820.28	2975.43	1001.99	3678.96
		291	39.23	-12.58	-56.27	-31.13	-37.72	-21.59	949.43	-5247.33	-3705.95	-591.95	2678.75
		293	43.77	-31.69	-82.41	-43.89	-70.21	-21.68	-207.55	-6638.82	-6139.74	-706.62	1720.65
		294	49.29	-27.77	-99.50	-36.84	-90.43	-23.84	7895.64	2289.44	5422.74	4762.34	2783.58
191	34	292	32.80	28.07	-116.97	-20.24	-68.66	-68.36	3591.69	-1251.43	1846.98	493.28	2325.04

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		291	26.21	53.80	-65.71	-9.41	-2.50	-59.66	696.50	-3113.35	-2101.78	-315.06	1682.45
		293	28.30	29.49	-90.95	-28.13	-33.33	-60.16	-61.30	-4057.00	-3716.47	-401.83	1115.66
		294	33.65	31.30	-105.94	-14.82	-59.82	-64.82	5045.49	1345.28	3425.15	2965.62	1835.79
191	66	292	32.92	30.62	-118.46	-19.94	-67.90	-70.57	3595.32	-1246.93	1851.40	497.00	2324.49
		291	26.30	56.40	-67.55	-9.17	-1.98	-61.87	698.01	-3107.88	-2097.46	-312.41	1680.65
		293	28.35	31.81	-93.04	-28.28	-32.95	-62.38	-60.20	-4054.05	-3714.56	-399.70	1113.84
		294	33.74	33.61	-107.58	-14.85	-59.12	-67.04	5047.50	1348.57	3427.09	2968.98	1835.23
192	2	124	4.05	33.95	-54.65	-20.55	-0.14	43.11	118.96	-4.16	105.02	9.78	-39.02
		231	8.20	81.87	-85.10	29.99	-33.22	77.28	112.82	-182.54	-60.06	-9.66	-145.51
		240	5.08	40.14	-87.98	14.70	-62.54	51.11	-12.43	-90.30	-63.61	-39.12	-36.96
		67	3.40	23.41	-50.22	-19.71	-7.11	36.27	52.14	-90.94	45.22	-84.02	-30.70
192	34	124	3.15	21.48	-42.71	-17.61	-3.61	31.32	117.60	23.78	99.36	42.02	-37.13
		231	6.44	64.99	-56.79	23.78	-15.58	57.62	143.82	-123.29	-24.55	45.08	-128.94
		240	3.98	30.82	-58.89	10.16	-38.22	37.77	43.56	-58.17	-35.35	20.75	-42.43
		67	2.52	11.90	-40.57	-19.06	-9.61	25.80	53.70	-40.18	44.92	-31.40	-27.34
192	66	124	3.16	21.08	-42.79	-17.79	-3.92	31.17	120.10	26.20	101.07	45.23	-37.75
		231	6.45	65.19	-56.06	23.84	-14.71	57.47	149.19	-121.70	-22.51	50.00	-130.50
		240	3.99	30.80	-58.15	10.04	-37.39	37.63	48.59	-57.17	-34.10	25.51	-43.68
		67	2.52	11.41	-40.77	-19.41	-9.95	25.66	55.02	-37.49	45.83	-28.31	-27.67
193	2	212	11.14	-6.27	-134.32	-10.38	-130.21	-22.56	917.81	5.63	863.78	59.66	215.32
		245	9.76	-23.88	-113.21	-24.07	-113.02	-4.16	-145.10	-811.90	-436.77	-520.23	330.78
		244	12.90	-25.68	-108.72	-26.14	-108.26	-6.18	-783.23	-1093.90	-783.27	-1093.86	-3.55
		210	13.52	-11.76	-137.58	-11.92	-137.42	-4.46	1143.40	77.78	1143.36	77.82	6.62
193	36	212	9.23	-9.98	-108.07	-10.17	-107.87	-4.39	723.42	-4.38	690.73	28.31	150.76
		245	8.26	-17.42	-86.09	-18.84	-84.66	9.79	-148.21	-643.57	-319.82	-471.96	235.71
		244	10.42	-19.30	-82.06	-20.39	-80.98	8.17	-586.73	-917.42	-589.85	-914.30	-31.98
		210	10.89	-10.42	-114.29	-11.29	-113.42	9.48	902.20	40.75	901.73	41.22	-20.12
193	68	212	9.28	-10.28	-108.64	-10.38	-108.54	-3.18	724.89	-5.66	692.56	26.67	150.24
		245	8.33	-17.09	-86.34	-18.88	-84.55	10.99	-150.42	-646.45	-318.81	-478.06	234.88
		244	10.46	-18.99	-82.28	-20.42	-80.86	9.38	-586.05	-924.10	-589.60	-920.54	-34.47
		210	10.92	-10.38	-115.18	-11.48	-114.08	10.68	903.36	38.90	902.78	39.47	-22.30
194	2	210	13.67	-13.83	-143.67	-13.91	-143.59	-3.18	1128.82	52.60	1128.49	52.92	18.68
		244	12.72	-26.13	-113.73	-26.80	-113.06	-7.65	-759.16	-1053.90	-772.40	-1040.67	-61.05
		56	14.49	-27.46	-114.85	-29.09	-113.21	-11.84	-431.25	-1309.48	-763.91	-976.82	-426.01
		208	12.34	-7.22	-115.20	-10.59	-111.83	18.79	1084.56	-42.58	1004.95	37.03	-288.78
194	26	210	10.33	-11.43	-97.01	-11.59	-96.85	3.72	916.16	65.94	915.54	66.57	-23.10
		244	10.07	-21.69	-78.04	-21.69	-78.04	0.29	-535.15	-897.39	-564.17	-868.37	-98.33
		56	11.80	-23.42	-78.32	-23.58	-78.16	-2.99	-282.01	-1118.47	-577.04	-823.44	-399.67
		208	9.34	-3.02	-78.49	-9.11	-72.40	20.56	892.06	-43.16	798.95	49.95	-280.02
194	58	210	10.32	-11.38	-95.99	-11.60	-95.77	4.30	920.11	68.10	919.28	68.93	-26.59
		244	10.09	-21.78	-77.34	-21.79	-77.33	0.87	-530.80	-904.13	-561.87	-873.06	-103.13
		56	11.85	-23.58	-77.55	-23.69	-77.44	-2.40	-277.33	-1128.06	-576.84	-828.55	-406.32
		208	9.36	-2.62	-77.83	-9.12	-71.32	21.15	896.92	-44.49	800.53	51.89	-285.39
195	2	208	12.46	-7.49	-119.74	-10.96	-116.28	19.41	1026.15	-104.95	956.95	-35.76	-271.07
		56	15.26	-25.68	-119.99	-27.60	-118.07	-13.33	-336.60	-1365.26	-747.44	-954.42	-503.81
		57	10.40	-41.64	-132.75	-41.98	-132.41	-5.52	433.99	-656.72	-273.06	50.33	-520.83
		205	11.92	25.15	-67.23	-3.31	-38.76	42.65	874.57	-179.60	572.25	122.72	-476.76
195	17	208	9.21	-7.94	-70.12	-8.15	-69.91	-3.65	781.51	-53.96	738.48	-10.92	-184.67
		56	12.36	-11.68	-95.25	-23.24	-83.70	-28.84	-281.92	-1048.93	-574.13	-756.72	-372.48
		57	8.83	-22.75	-101.29	-30.09	-93.95	-22.86	308.29	-513.12	-222.38	17.55	-392.79
		205	7.71	11.56	-18.94	2.01	-9.39	14.14	660.51	-111.79	436.51	112.21	-350.46
195	49	208	9.19	-7.67	-68.77	-8.14	-68.30	-5.38	781.18	-51.51	739.05	-9.38	-182.50
		56	12.42	-10.56	-96.03	-23.43	-83.15	-30.57	-283.65	-1048.50	-573.97	-758.18	-371.17
		57	8.93	-21.47	-101.73	-29.89	-93.32	-24.59	306.71	-513.94	-223.52	16.29	-392.42
		205	7.58	10.77	-16.04	2.43	-7.70	12.41	659.65	-109.62	436.15	113.88	-349.25
196	2	205	10.56	39.23	-52.79	22.02	-35.57	35.89	680.84	-457.76	491.37	-268.29	-424.06
		57	12.92	-44.38	-145.15	-44.76	-144.77	6.16	605.01	-677.56	-212.67	140.12	-616.55
		58	29.77	-97.84	-161.89	-104.71	-155.02	-19.83	2875.46	723.71	730.79	2868.38	-123.23
		68	18.98	121.53	-153.66	-91.51	59.38	115.07	1342.31	166.32	177.27	1331.36	112.96
196	28	205	8.94	59.97	-19.21	25.77	15.00	39.23	632.13	-143.70	430.06	58.38	-340.50
		57	12.65	-30.45	-113.50	-33.81	-110.15	16.35	742.87	-385.88	-94.24	451.24	-494.10
		58	25.86	-84.98	-119.03	-85.31	-118.70	-3.33	2552.77	622.28	625.84	2549.21	-82.84
		68	18.44	136.37	-115.49	-66.29	87.17	99.85	1297.81	174.97	183.93	1288.85	99.88
196	60	205	8.99	63.26	-17.76	26.59	18.92	40.33	641.69	-123.58	434.93	83.18	-339.82
		57	12.89	-29.97	-114.09	-33.77	-110.30	17.46	767.84	-372.62	-87.99	483.22	-493.55
		58	26.15	-85.61	-119.12	-85.76	-118.97	-2.23	2584.66	628.21	631.73	2581.14	-82.91
		68	18.80	140.41	-115.32	-65.92	91.01	100.96	1322.48	179.45	188.38	1313.55	100.62
197	2	245	9.23	-21.15	-119.52	-23.75	-116.92	-15.78	-186.31	-706.21	-325.56	-566.95	230.23
		60	13.63	-18.07	-117.91	-18.48	-117.50	6.38	-394.23	-1113.49	-433.40	-1074.32	163.21
		59	19.31	-13.88	-125.79	-13.88	-125.79	-0.54	-505.70	-1708.91	-505.71	-1708.91	-2.38
		244	13.43	-19.98	-120.80	-22.70	-118.08	-16.33	-475.06	-1088.32	-487.22	-1076.16	-85.48
197	26	245	7.49	-17.90	-85.32	-19.51	-83.71	-10.29	-223.09	-605.94	-309.02	-520.01	159.74
		60	11.85	-15.85	-89.78	-16.46	-89.17	6.68	-381.22	-1024.90	-409.50	-996.62	131.93

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		59	16.17	-12.09	-95.43	-12.12	-95.40	1.37	-455.69	-1482.64	-456.20	-1482.13	-22.87
		244	10.82	-16.48	-86.07	-18.19	-84.36	-10.77	-407.30	-928.22	-426.45	-909.07	-98.01
197	58	245	7.53	-18.06	-84.82	-19.63	-83.25	-10.12	-229.37	-611.99	-314.24	-527.12	158.97
		60	11.97	-16.04	-89.97	-16.68	-89.33	6.85	-388.36	-1038.67	-416.17	-1010.85	131.59
		59	16.29	-12.22	-95.55	-12.25	-95.52	1.54	-460.90	-1496.60	-461.50	-1496.01	-24.83
		244	10.86	-16.55	-85.54	-18.22	-83.88	-10.60	-410.36	-935.97	-430.50	-915.83	-100.90
198	2	244	13.44	-21.00	-126.40	-23.77	-123.63	-16.86	-482.29	-1069.33	-490.39	-1061.22	-68.51
		59	19.72	-14.26	-130.61	-14.26	-130.61	-0.79	-508.45	-1734.56	-509.76	-1733.25	-40.01
		61	17.03	-25.92	-134.95	-26.61	-134.26	-8.64	-288.32	-1379.79	-320.86	-1347.24	-185.64
		56	14.34	-25.29	-123.64	-27.57	-121.36	-14.79	-206.98	-1156.23	-429.11	-934.10	-401.89
198	26	244	10.84	-15.25	-88.03	-17.41	-85.87	-12.35	-406.99	-921.74	-429.82	-898.91	-105.97
		59	16.13	-12.51	-99.27	-12.51	-99.27	3.75e-03	-447.36	-1461.06	-450.50	-1457.92	-56.36
		61	14.16	-18.53	-102.38	-18.97	-101.94	-6.02	-241.39	-1186.81	-276.72	-1151.48	-179.32
		56	11.83	-16.25	-85.39	-17.99	-83.66	-10.81	-143.73	-1005.29	-353.86	-795.15	-369.98
198	58	244	10.88	-15.21	-87.29	-17.37	-85.13	-12.29	-408.89	-929.50	-433.72	-904.67	-110.94
		59	16.19	-12.65	-99.52	-12.65	-99.52	0.07	-450.97	-1467.92	-454.37	-1464.52	-58.69
		61	14.23	-18.43	-102.57	-18.85	-102.15	-5.95	-239.95	-1193.30	-276.21	-1157.04	-182.35
		56	11.89	-15.98	-84.60	-17.71	-82.87	-10.75	-140.11	-1013.78	-353.72	-800.16	-375.50
199	2	56	14.58	-24.56	-129.96	-26.94	-127.58	-15.66	-220.01	-1157.05	-426.21	-950.85	-388.20
		61	17.57	-26.75	-139.87	-27.34	-139.29	-8.12	-272.41	-1415.90	-318.23	-1370.08	-224.26
		62	9.22	-57.34	-137.74	-62.02	-133.05	-18.83	631.05	70.53	194.27	507.30	-232.48
		57	10.10	-47.10	-120.36	-47.22	-120.25	2.88	535.88	-439.70	-95.99	192.17	-466.02
199	33	56	11.73	-16.65	-107.04	-23.15	-100.54	-23.35	-199.65	-894.33	-308.02	-785.96	-252.07
		61	14.67	-19.97	-112.91	-23.39	-109.50	-17.48	-193.92	-1177.41	-216.13	-1155.20	-146.12
		62	6.04	-40.87	-115.13	-51.20	-104.80	-25.70	368.34	9.22	95.87	281.69	-153.65
		57	6.61	-38.51	-96.67	-39.99	-95.20	-9.14	321.91	-351.22	-116.78	87.47	-320.70
199	65	56	11.76	-16.33	-107.84	-23.38	-100.79	-24.40	-203.78	-893.64	-309.34	-788.08	-248.35
		61	14.73	-19.77	-113.30	-23.60	-109.47	-18.53	-195.15	-1183.62	-216.68	-1162.08	-144.30
		62	5.96	-40.42	-115.91	-51.53	-104.80	-26.75	360.19	5.27	91.65	273.81	-152.30
		57	6.66	-38.52	-97.30	-40.34	-95.48	-10.19	316.31	-352.08	-120.04	84.28	-318.20
200	2	57	8.52	-46.06	-125.75	-46.09	-125.72	-1.52	404.28	-386.34	-107.54	125.48	-377.75
		62	10.17	-64.60	-137.34	-66.97	-134.96	-12.92	734.95	11.68	213.55	533.08	-324.43
		63	40.74	-68.51	-162.05	-110.48	-120.08	-46.52	4253.27	900.07	901.49	4251.85	-68.97
		58	29.49	-57.04	-154.42	-103.07	-108.38	48.62	2974.24	553.84	553.95	2974.13	16.10
200	24	57	9.50	-30.65	-96.37	-32.06	-94.96	9.52	613.64	-146.44	23.03	444.17	-316.38
		62	11.71	-47.43	-98.87	-47.44	-98.86	0.80	979.20	179.83	287.07	871.96	-272.44
		63	35.11	-62.00	-111.78	-85.70	-88.08	-24.86	3731.03	804.97	806.13	3729.87	-58.21
		58	25.68	-33.39	-129.13	-80.42	-82.10	47.87	2632.94	520.52	520.52	2632.94	1.68
200	56	57	9.77	-30.05	-96.73	-31.75	-95.02	10.53	641.69	-132.18	32.92	476.60	-317.03
		62	12.08	-47.02	-98.79	-47.08	-98.73	1.81	1018.47	194.32	298.56	914.23	-273.95
		63	35.47	-63.00	-110.77	-85.69	-88.08	-23.85	3773.00	815.42	816.58	3771.84	-58.44
		58	25.97	-32.50	-130.26	-80.49	-82.28	48.87	2665.11	529.36	529.37	2665.11	1.94
201	2	60	13.06	-16.82	-119.41	-16.87	-119.36	2.15	-434.29	-1062.31	-479.26	-1017.33	161.93
		65	14.26	-10.57	-115.89	-11.20	-115.27	8.09	-414.75	-1179.92	-431.17	-1163.50	110.89
		64	20.49	-6.59	-121.43	-6.61	-121.40	1.74	-579.77	-1866.69	-580.38	-1866.08	-27.95
		59	19.43	-12.26	-124.47	-12.76	-123.97	-7.50	-776.04	-1789.43	-776.22	-1789.24	-13.66
201	26	60	11.39	-13.30	-90.48	-13.39	-90.38	2.71	-406.94	-980.87	-437.12	-950.68	128.12
		65	12.48	-8.94	-88.79	-9.61	-88.13	7.24	-390.89	-1090.93	-403.66	-1078.16	93.68
		64	17.28	-4.31	-92.87	-4.38	-92.81	2.41	-499.16	-1615.70	-499.65	-1615.21	-23.41
		59	16.30	-8.47	-93.99	-8.73	-93.73	-4.70	-646.97	-1541.40	-647.32	-1541.05	-17.73
201	58	60	11.51	-13.35	-90.61	-13.45	-90.51	2.82	-413.15	-994.39	-442.87	-964.66	128.04
		65	12.62	-9.02	-89.03	-9.70	-88.34	7.35	-396.89	-1105.94	-409.66	-1093.17	94.30
		64	17.41	-4.26	-93.08	-4.33	-93.01	2.52	-503.02	-1630.33	-503.51	-1629.84	-23.52
		59	16.42	-8.40	-94.05	-8.65	-93.80	-4.59	-650.62	-1555.02	-651.00	-1554.65	-18.39
202	2	59	19.25	-13.21	-131.71	-13.61	-131.31	-6.91	-749.99	-1734.97	-750.23	-1734.74	-15.34
		64	20.81	-7.08	-125.70	-7.09	-125.69	1.32	-600.99	-1889.54	-601.53	-1888.99	-26.40
		52	17.62	-16.01	-133.19	-16.73	-132.47	-9.18	-456.02	-1486.98	-478.93	-1464.08	-151.96
		61	17.13	-22.02	-134.77	-24.05	-132.74	-14.98	-628.83	-1475.29	-680.58	-1423.54	-202.80
202	26	59	15.77	-9.29	-99.90	-9.54	-99.65	-4.75	-617.74	-1453.14	-618.47	-1452.40	-24.73
		64	17.05	-4.80	-96.23	-4.83	-96.20	1.58	-504.54	-1578.94	-505.34	-1578.14	-29.30
		52	14.63	-10.63	-101.88	-11.09	-101.42	-6.46	-375.73	-1268.11	-395.70	-1248.13	-132.01
		61	14.16	-14.98	-102.10	-16.38	-100.70	-10.95	-506.21	-1253.11	-549.50	-1209.83	-174.51
202	58	59	15.83	-9.23	-100.11	-9.48	-99.87	-4.70	-619.78	-1459.27	-620.57	-1458.48	-25.72
		64	17.11	-4.75	-96.48	-4.78	-96.45	1.63	-506.58	-1585.09	-507.41	-1584.26	-29.93
		52	14.70	-10.49	-102.10	-10.94	-101.65	-6.40	-375.73	-1274.04	-395.86	-1253.90	-132.98
		61	14.22	-14.82	-102.26	-16.20	-100.88	-10.89	-506.12	-1259.11	-549.68	-1215.55	-175.79
203	2	61	17.19	-22.55	-142.76	-24.89	-140.42	-16.61	-616.30	-1445.54	-661.45	-1400.39	-188.15
		52	17.96	-16.23	-137.36	-16.75	-136.84	-7.93	-468.68	-1512.04	-494.06	-1486.66	-160.74
		55	9.32	-43.42	-146.70	-49.64	-140.48	-24.57	529.57	-29.64	26.08	473.85	-167.50
		62	9.57	-51.62	-139.76	-56.57	-134.81	-20.29	483.89	-346.27	-237.09	374.71	-280.56
203	33	61	14.25	-15.98	-116.71	-22.26	-110.43	-24.36	-511.62	-1201.60	-533.41	-1179.81	-120.68
		52	14.86	-13.34	-113.44	-16.56	-110.22	-17.67	-391.18	-1250.75	-403.39	-1238.53	-101.74
		55	6.39	-30.80	-124.41	-42.05	-113.17	-30.44	314.96	-16.87	26.92	271.17	-112.30

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		62	6.10	-36.23	-116.83	-46.80	-106.26	-27.21	270.43	-255.95	-174.28	188.76	-190.58
203	65	61	14.32	-15.73	-117.26	-22.56	-110.42	-25.44	-513.39	-1208.05	-534.39	-1187.05	-118.94
		52	14.94	-13.29	-114.16	-16.90	-110.54	-18.75	-392.50	-1256.87	-404.25	-1245.13	-100.07
		55	6.35	-30.45	-125.46	-42.42	-113.49	-31.52	308.39	-17.58	26.08	264.73	-111.03
		62	6.01	-35.76	-117.60	-47.12	-106.25	-28.29	262.99	-256.19	-174.95	181.76	-188.62
204	2	62	8.87	-39.30	-159.44	-53.72	-145.01	-39.05	394.46	-379.92	-263.57	278.11	-276.70
		55	9.45	-52.07	-146.43	-52.94	-145.55	-9.06	518.14	8.08	60.34	465.87	-154.68
		51	44.28	-73.88	-172.67	-118.26	-128.30	-49.14	4602.06	893.02	893.24	4601.85	-28.39
		63	42.46	-108.10	-146.14	-112.37	-141.88	12.00	4351.56	896.19	896.23	4351.52	-11.79
204	24	62	10.79	-32.38	-112.09	-37.88	-106.60	-20.20	729.37	-189.38	-125.11	665.10	-234.35
		55	11.46	-36.95	-105.93	-37.06	-105.82	2.73	866.57	104.45	130.19	840.84	-137.66
		51	38.05	-63.96	-119.85	-90.83	-92.99	-27.92	4025.23	783.04	783.39	4024.88	-33.67
		63	36.50	-73.95	-116.08	-85.47	-104.56	18.78	3801.11	779.28	779.40	3800.99	-18.66
204	56	62	11.16	-32.54	-111.52	-37.58	-106.49	-19.29	769.13	-180.83	-118.00	706.29	-236.10
		55	11.86	-36.55	-105.85	-36.74	-105.65	3.64	909.82	112.74	137.83	884.73	-139.18
		51	38.44	-64.79	-118.86	-90.75	-92.91	-27.01	4069.37	791.77	792.14	4069.00	-34.71
		63	36.87	-73.15	-116.89	-85.49	-104.54	19.69	3842.53	787.48	787.60	3842.41	-19.46
205	2	297	6.29	16.86	-44.82	-43.94	15.98	-7.33	-171.22	-602.35	-189.16	-584.41	-86.09
		298	8.22	10.57	-50.27	-50.25	10.54	1.29	-16.38	-703.41	-29.09	-690.70	-92.58
		45	18.25	-5.89	-55.44	-52.51	-8.81	11.68	2047.23	469.99	470.45	2046.77	26.84
		46	14.43	11.80	-59.04	-55.75	8.52	-14.90	1491.44	278.92	280.02	1490.34	36.42
205	30	297	3.96	16.38	-13.49	-11.76	14.66	-6.97	-105.36	-388.37	-115.45	-378.28	-52.47
		298	5.06	12.15	-16.16	-16.15	12.15	-0.38	26.64	-427.67	14.73	-415.77	-72.57
		45	14.85	-5.46	-41.88	-40.22	-7.12	7.59	1662.72	364.11	364.87	1661.96	31.40
		46	11.52	7.68	-46.60	-43.38	4.46	-12.81	1197.73	204.06	207.23	1194.56	56.03
205	62	297	3.89	16.78	-11.62	-9.72	14.87	-7.10	-103.10	-382.13	-112.83	-372.40	-51.19
		298	4.95	12.53	-14.08	-14.07	12.52	-0.51	30.28	-418.32	18.14	-406.18	-72.79
		45	14.94	-5.54	-41.83	-40.22	-7.15	7.47	1671.64	363.69	364.48	1670.85	32.15
		46	11.57	7.56	-46.65	-43.37	4.27	-12.94	1203.22	203.44	206.88	1199.78	58.53
206	1	16	6.28	2.99	-28.15	-24.17	-0.99	-10.39	-30.84	-595.41	-136.44	-489.81	220.15
		19	12.93	39.03	-19.00	-14.70	34.72	-15.21	-192.84	-1256.48	-192.97	-1256.35	11.85
		298	6.60	12.57	-60.79	-60.67	12.45	2.97	-44.93	-507.29	-44.98	-507.24	4.47
		297	6.13	15.26	-40.21	-37.96	13.00	-10.96	-119.63	-621.69	-179.67	-561.65	-162.91
206	35	16	5.36	-2.68	-67.96	-65.70	-4.93	-11.92	-51.11	-440.25	-132.51	-358.85	158.27
		19	10.18	24.95	-61.09	-57.90	21.76	-16.24	-165.61	-922.94	-165.63	-922.91	4.26
		298	5.51	9.35	-68.38	-68.34	9.31	-1.79	-45.20	-376.68	-45.29	-376.60	5.34
		297	5.11	13.73	-52.74	-50.19	11.18	-12.77	-104.97	-490.84	-156.36	-439.45	-131.11
206	67	16	5.44	-3.05	-72.33	-70.07	-5.31	-12.30	-54.25	-440.08	-135.04	-359.29	156.98
		19	10.23	24.48	-65.47	-62.28	21.30	-16.63	-167.60	-920.17	-167.62	-920.15	3.63
		298	5.54	9.38	-70.38	-70.32	9.32	-2.18	-45.84	-373.59	-45.94	-373.49	5.50
		297	5.14	13.89	-54.77	-52.15	11.27	-13.16	-105.72	-491.24	-157.56	-439.40	-131.52
207	2	298	7.42	10.88	-48.16	-47.94	10.66	3.58	-310.43	-779.15	-322.00	-767.57	-72.75
		299	8.11	6.74	-54.99	-53.57	5.33	9.25	-148.55	-777.00	-149.89	-775.66	-29.02
		44	20.11	1.27	-67.56	-61.76	-4.53	19.12	2185.82	419.65	419.65	2185.81	0.94
		45	18.76	-4.58	-62.90	-60.41	-7.07	11.80	2042.26	380.67	380.83	2042.10	16.60
207	32	298	4.85	16.63	-20.14	-15.73	12.22	11.95	-214.59	-491.88	-224.40	-482.07	-51.23
		299	5.20	16.91	-26.97	-19.74	9.68	16.29	-92.85	-487.82	-93.51	-487.16	-16.19
		44	16.33	7.40	-59.71	-49.70	-2.60	23.90	1770.51	352.09	352.10	1770.50	3.75
		45	15.22	0.68	-55.59	-48.86	-6.05	18.26	1660.45	323.21	323.29	1660.38	9.86
207	64	298	4.80	17.79	-18.97	-13.77	12.59	12.81	-212.61	-483.39	-222.74	-473.26	-51.38
		299	5.13	18.33	-25.90	-17.75	10.19	17.14	-91.18	-478.93	-91.83	-478.27	-15.94
		44	16.42	8.06	-60.46	-49.87	-2.53	24.76	1779.78	355.04	355.05	1779.77	3.72
		45	15.30	1.17	-56.33	-49.06	-6.11	19.11	1669.64	326.23	326.30	1669.57	9.89
208	2	19	11.20	36.43	-21.70	-19.50	34.23	-11.09	-95.92	-1037.87	-100.79	-1033.00	-67.55
		21	7.40	11.17	-56.69	-56.37	10.85	-4.65	-175.39	-724.03	-213.31	-686.11	-139.16
		299	8.28	7.95	-53.01	-48.62	3.57	15.75	-134.51	-807.11	-134.78	-806.83	13.53
		298	6.71	12.46	-61.40	-60.51	11.58	8.02	-377.89	-705.95	-378.76	-705.09	16.82
208	35	19	9.63	22.08	-77.05	-73.96	18.99	-17.22	-34.18	-761.19	-36.48	-758.89	-40.82
		21	6.42	2.71	-103.15	-101.71	1.28	-12.25	-157.49	-530.11	-182.18	-505.42	-92.69
		299	6.66	3.49	-59.31	-59.16	3.34	3.10	-84.51	-584.01	-84.51	-584.01	0.56
		298	5.11	8.39	-68.28	-68.18	8.28	-2.82	-266.46	-488.35	-266.80	-488.01	8.67
208	67	19	9.76	21.54	-82.61	-79.38	18.31	-18.05	-30.26	-757.71	-32.44	-755.53	-39.81
		21	6.52	2.18	-108.70	-107.13	0.61	-13.08	-159.69	-527.74	-184.01	-503.43	-91.43
		299	6.70	3.42	-61.24	-61.16	3.35	2.27	-83.00	-581.81	-83.00	-581.81	-0.25
		298	5.13	8.46	-70.35	-70.18	8.29	-3.65	-264.72	-484.78	-265.04	-484.46	8.48
209	3	262	45.30	-40.05	-81.95	-46.61	-75.39	15.22	-913.97	-7071.45	-6879.77	-1105.66	1069.38
		289	37.98	-40.03	-62.49	-40.40	-62.11	-2.87	6322.43	2961.25	5105.59	4178.09	1615.34
		220	39.62	-36.34	-63.94	-37.52	-62.77	-5.58	6255.40	1171.69	4257.99	3169.10	2482.86
		265	41.57	-34.20	-74.66	-40.90	-67.96	15.04	-448.26	-6315.44	-5880.60	-883.10	1536.94
209	18	262	29.01	-16.62	-70.23	-18.92	-67.93	-10.86	-537.28	-4524.57	-4406.32	-655.52	676.38
		289	26.15	-5.81	-70.22	-20.75	-55.27	-27.19	4223.10	2218.46	3479.56	2962.00	968.34
		220	27.69	-3.24	-68.20	-18.61	-52.83	-27.61	4299.35	1075.72	2987.15	2387.92	1583.73
		265	27.15	-24.46	-70.91	-28.94	-66.43	-13.71	-227.72	-4129.69	-3838.60	-518.82	1025.24

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
209	50	262	29.05	-16.50	-70.78	-19.13	-68.15	-11.66	-536.85	-4529.09	-4410.33	-655.60	678.23
		289	26.18	-5.19	-70.78	-20.89	-55.08	-27.99	4224.96	2216.98	3476.27	2965.67	970.99
		220	27.74	-2.61	-68.77	-18.74	-52.63	-28.41	4302.39	1073.84	2984.51	2391.72	1586.83
		265	27.20	-24.19	-71.60	-29.15	-66.64	-14.51	-226.72	-4134.01	-3841.96	-518.78	1027.54
210	3	265	41.61	-33.42	-72.01	-40.73	-64.71	15.12	-451.93	-6318.51	-5878.10	-892.35	1545.89
		220	39.65	-35.14	-60.82	-36.42	-59.54	-5.60	6274.20	1202.44	4263.98	3212.66	2480.80
		221	40.69	-30.93	-60.58	-32.50	-59.00	-6.65	5752.80	-403.21	3242.51	2107.08	3025.19
		267	37.32	-29.43	-64.24	-36.00	-57.67	13.62	65.25	-5430.11	-4639.88	-724.99	1928.25
210	18	265	27.14	-22.00	-65.17	-26.27	-60.90	-12.89	-230.01	-4132.27	-3837.98	-524.30	1030.43
		220	27.79	-4.05	-67.07	-19.87	-51.25	-27.32	4314.41	1070.59	2987.96	2397.04	1594.77
		221	28.93	-2.97	-69.18	-21.66	-50.49	-29.80	4020.61	-46.74	2324.25	1649.62	2005.51
		267	24.96	-20.68	-61.36	-25.79	-56.24	-13.49	125.59	-3613.02	-3067.26	-420.17	1320.05
210	50	265	27.18	-21.74	-65.64	-26.47	-60.91	-13.61	-228.90	-4136.74	-3841.35	-524.29	1033.00
		220	27.84	-3.50	-67.65	-20.02	-51.13	-28.05	4317.13	1067.11	2985.02	2399.23	1598.39
		221	29.01	-2.39	-69.79	-21.81	-50.36	-30.53	4024.22	-50.08	2322.16	1651.98	2009.40
		267	25.02	-20.37	-61.89	-26.00	-56.26	-14.22	127.38	-3617.15	-3069.78	-420.00	1322.89
211	3	267	37.24	-27.99	-61.57	-35.13	-54.43	13.73	58.52	-5420.29	-4637.09	-724.68	1917.71
		221	40.94	-30.15	-57.59	-31.90	-55.85	-6.69	5792.94	-402.31	3247.35	2143.29	3048.04
		222	40.62	-26.40	-55.70	-28.23	-53.86	-7.10	4784.22	-1951.39	2079.77	753.06	3301.82
		269	32.10	-25.64	-55.61	-31.67	-49.59	12.01	579.44	-4369.51	-3233.41	-556.65	2081.29
211	18	267	24.86	-20.30	-58.71	-24.95	-54.05	-12.53	121.36	-3606.12	-3064.89	-419.88	1313.21
		221	29.10	-2.69	-66.47	-21.24	-47.92	-28.97	4048.30	-58.66	2324.86	1664.78	2026.79
		222	29.11	-1.71	-68.32	-22.75	-47.28	-30.96	3361.46	-1180.55	1521.75	659.16	2229.68
		269	21.85	-18.89	-52.59	-23.63	-47.85	-11.72	478.18	-2942.06	-2144.10	-319.78	1446.54
211	50	267	24.91	-20.06	-59.20	-25.15	-54.11	-13.18	123.28	-3610.30	-3067.39	-419.63	1316.15
		221	29.17	-2.19	-67.05	-21.40	-47.84	-29.62	4051.55	-63.18	2322.56	1665.81	2030.99
		222	29.19	-1.21	-68.92	-22.93	-47.20	-31.61	3365.49	-1184.55	1520.47	660.47	2234.01
		269	21.91	-18.63	-53.13	-23.85	-47.90	-12.37	480.76	-2945.70	-2145.59	-319.35	1449.62
212	3	269	32.12	-23.95	-53.08	-30.67	-46.37	12.27	593.30	-4363.40	-3222.44	-547.66	2086.53
		222	41.01	-25.94	-52.68	-27.93	-50.69	-7.02	4833.59	-1966.34	2078.41	788.84	3338.26
		223	38.39	-19.81	-49.15	-22.54	-46.41	-8.53	3208.08	-3391.36	831.73	-1015.01	3167.89
		271	25.03	-27.24	-50.91	-32.55	-45.60	9.88	870.57	-3115.03	-1769.10	-475.36	1884.89
212	18	269	21.80	-18.59	-49.58	-22.77	-45.40	-10.60	487.97	-2936.65	-2135.40	-313.28	1449.82
		222	29.34	-2.05	-65.62	-22.36	-45.31	-29.64	3393.03	-1201.21	1518.26	673.56	2257.96
		223	27.67	0.95	-68.04	-23.44	-43.64	-32.98	2235.46	-2263.85	637.02	-665.42	2153.33
		271	16.99	-21.89	-42.57	-25.13	-39.32	-7.52	671.50	-2106.46	-1156.94	-278.02	1317.63
212	50	269	21.86	-18.40	-50.04	-22.99	-45.46	-11.14	490.58	-2940.27	-2136.88	-312.81	1452.89
		222	29.42	-1.66	-66.16	-22.54	-45.28	-30.18	3397.17	-1205.58	1516.81	674.78	2262.53
		223	27.75	1.34	-68.61	-23.65	-43.62	-33.52	2240.29	-2267.27	636.82	-663.79	2157.92
		271	17.05	-21.72	-43.07	-25.40	-39.39	-8.06	674.94	-2109.24	-1157.19	-277.11	1320.71
213	2	363	11.65	8.36	-101.18	-100.09	7.27	10.87	-289.86	-1112.23	-289.87	-1112.22	3.10
		375	11.80	13.28	-103.77	-101.41	10.92	16.46	-275.39	-1098.63	-275.42	-1098.60	5.06
		352	7.02	3.06	-144.74	-144.44	2.75	6.68	-85.23	-305.42	-86.04	-304.61	-13.33
		354	6.94	1.89	-152.99	-152.79	1.69	5.60	-76.68	-255.11	-83.15	-248.65	-33.34
213	32	363	10.19	9.43	-97.38	-95.92	7.97	12.40	-247.55	-940.05	-247.58	-940.03	-4.13
		375	10.31	13.37	-99.46	-96.92	10.84	16.72	-237.27	-928.62	-237.29	-928.60	-3.25
		352	7.48	0.02	-156.81	-156.27	-0.52	9.16	-98.57	-335.76	-99.74	-334.58	-16.67
		354	7.42	-1.15	-163.11	-162.68	-1.58	8.34	-92.84	-297.12	-97.63	-292.34	-30.90
213	64	363	10.32	9.71	-99.19	-97.67	8.19	12.78	-250.04	-948.66	-250.08	-948.63	-4.73
		375	10.43	13.66	-101.27	-98.67	11.06	17.09	-239.75	-937.12	-239.77	-937.09	-3.95
		352	7.67	-0.20	-161.02	-160.45	-0.76	9.53	-101.51	-344.40	-102.74	-343.17	-17.30
		354	7.61	-1.39	-167.32	-166.86	-1.85	8.71	-95.84	-305.85	-100.65	-301.04	-31.42
214	2	44	8.26	12.01	-58.94	-58.86	11.92	2.44	742.23	122.68	123.64	741.26	24.45
		308	8.20	18.13	-65.79	-65.79	18.13	0.44	696.21	127.11	127.68	695.64	-18.03
		375	11.76	15.89	-107.96	-105.93	13.87	15.71	-281.40	-1073.62	-281.42	-1073.61	-3.67
		363	11.63	9.60	-103.53	-102.61	8.68	10.14	-295.83	-1100.96	-295.99	-1100.80	-11.29
214	25	44	5.40	5.93	-43.32	-43.09	5.70	3.38	481.43	81.47	82.98	479.92	24.56
		308	5.35	10.04	-48.59	-48.53	9.98	1.88	448.51	85.57	85.76	448.32	-8.27
		375	9.22	12.53	-63.53	-61.00	10.01	13.62	-204.83	-889.45	-204.89	-889.39	6.68
		363	9.12	8.41	-59.69	-58.38	7.11	9.32	-234.84	-914.03	-234.84	-914.03	0.33
214	57	44	5.34	5.62	-43.17	-42.92	5.37	3.53	476.58	81.13	82.71	474.99	25.01
		308	5.29	9.67	-48.44	-48.36	9.60	2.02	444.23	85.48	85.65	444.06	-7.78
		375	9.22	12.67	-61.74	-59.10	10.03	13.76	-205.32	-893.63	-205.40	-893.55	7.57
		363	9.13	8.47	-57.85	-56.47	7.09	9.46	-234.50	-918.86	-234.50	-918.86	1.17
215	2	375	11.84	13.72	-103.92	-101.51	11.31	16.64	-275.14	-1103.13	-275.56	-1102.71	18.69
		376	11.45	20.82	-107.50	-102.28	15.61	25.35	-311.52	-1056.72	-311.94	-1056.30	17.67
		357	7.12	5.45	-131.17	-130.79	5.07	7.19	-118.11	-407.26	-118.35	-407.02	8.27
		352	7.01	2.83	-144.87	-144.59	2.55	6.39	-84.80	-305.99	-88.03	-302.76	-26.54
215	32	375	10.40	15.01	-100.21	-96.37	11.17	20.69	-226.06	-929.71	-226.10	-929.67	5.24
		376	10.10	20.62	-103.39	-97.01	14.24	27.39	-255.70	-892.41	-255.71	-892.40	2.94
		357	7.49	2.70	-144.35	-143.13	1.47	13.39	-122.35	-412.43	-122.41	-412.37	-3.93
		352	7.45	0.94	-154.72	-153.66	-0.11	12.78	-96.08	-336.08	-99.39	-332.78	-27.96
215	64	375	10.53	15.43	-102.11	-98.06	11.39	21.42	-227.54	-938.03	-227.56	-938.00	4.36

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		376	10.23	21.05	-105.31	-98.71	14.44	28.12	-257.10	-900.54	-257.11	-900.54	1.83
		357	7.67	2.58	-148.39	-147.06	1.24	14.12	-125.12	-420.82	-125.20	-420.73	-4.92
		352	7.64	0.84	-158.74	-157.59	-0.31	13.51	-98.82	-344.73	-102.22	-341.33	-28.71
216	2	308	8.14	18.20	-65.18	-65.18	18.20	0.30	687.31	121.03	121.32	687.02	-12.77
		312	8.92	30.97	-80.03	-79.95	30.88	-3.11	686.32	127.16	140.24	673.25	-84.51
		376	11.56	25.65	-115.90	-111.06	20.81	25.71	-311.45	-1019.68	-311.46	-1019.67	-1.98
		375	11.74	15.90	-108.05	-106.09	13.93	15.48	-283.21	-1070.73	-283.36	-1070.58	-10.99
216	29	308	5.34	11.64	-49.31	-47.88	10.21	-9.23	435.07	73.93	74.01	434.99	-5.46
		312	6.12	21.60	-61.01	-59.30	19.88	-11.77	440.11	76.14	87.15	429.10	-62.34
		376	8.87	16.49	-68.00	-66.73	15.21	10.30	-258.96	-848.66	-259.07	-848.56	7.82
		375	9.12	10.24	-63.02	-62.94	10.16	2.44	-237.80	-894.82	-237.80	-894.82	0.53
216	61	308	5.29	11.57	-49.43	-47.71	9.85	-10.10	429.85	72.96	73.04	429.78	-5.05
		312	6.09	21.50	-61.12	-59.14	19.52	-12.65	435.67	75.30	86.32	424.65	-62.03
		376	8.87	16.30	-66.09	-64.99	15.20	9.43	-259.36	-853.10	-259.48	-852.97	8.63
		375	9.13	10.20	-61.24	-61.20	10.17	1.57	-238.38	-900.00	-238.38	-900.00	1.36
217	1	247	15.68	12.86	-167.49	-166.04	11.41	-16.10	-731.09	-1796.16	-1718.69	-808.56	-276.61
		81	17.15	33.82	-133.76	-133.34	33.40	-8.37	1932.97	190.98	1915.57	208.37	-173.21
		79	21.00	49.39	-161.91	-158.00	45.49	-28.44	2317.26	150.59	2316.58	151.27	-38.38
		246	18.14	10.03	-192.72	-188.82	6.13	-27.85	-1221.82	-2150.58	-2147.54	-1224.86	-53.06
217	18	247	12.21	13.41	-134.68	-131.31	10.04	-22.08	-557.38	-1364.59	-1294.90	-627.06	-226.71
		81	13.49	29.60	-108.03	-106.12	27.69	-16.09	1518.13	148.31	1502.85	163.59	-143.87
		79	16.64	42.36	-133.97	-128.15	36.55	-31.48	1816.44	119.62	1815.57	120.49	-38.31
		246	14.06	11.48	-157.91	-152.01	5.58	-31.06	-942.81	-1623.81	-1619.73	-946.89	-52.55
217	50	247	12.23	13.85	-135.29	-131.66	10.22	-22.98	-556.86	-1363.12	-1292.43	-627.55	-228.03
		81	13.52	30.10	-108.56	-106.45	27.99	-16.99	1520.97	148.47	1505.50	163.94	-144.88
		79	16.69	42.91	-134.88	-128.77	36.80	-32.38	1819.60	120.03	1818.70	120.93	-39.10
		246	14.08	11.93	-158.85	-152.64	5.72	-31.96	-943.06	-1621.05	-1616.78	-947.33	-53.65
218	1	246	18.26	15.21	-197.84	-186.26	3.63	-48.31	-1187.76	-2166.32	-2166.25	-1187.82	7.95
		79	21.01	37.44	-162.62	-161.24	36.06	-16.55	2342.28	170.68	2340.85	172.12	-55.88
		77	19.30	27.26	-165.19	-159.83	21.90	-31.68	2057.34	92.15	2048.89	100.60	128.58
		248	16.51	12.35	-186.91	-174.13	-0.43	-48.81	-1089.43	-2039.53	-1972.06	-1156.90	244.04
218	14	246	14.13	17.94	-163.22	-149.53	4.25	-47.87	-933.44	-1631.04	-1631.04	-933.44	1.54
		79	16.61	30.92	-133.84	-130.45	27.53	-23.40	1839.82	138.06	1838.28	139.60	-51.20
		77	15.33	24.50	-137.53	-129.57	16.54	-35.03	1610.54	77.95	1604.83	83.66	93.38
		248	12.73	15.87	-155.17	-140.27	0.98	-48.22	-855.06	-1545.70	-1490.66	-910.09	187.03
218	46	246	14.14	18.59	-164.27	-150.11	4.44	-48.87	-935.16	-1627.79	-1627.79	-935.16	1.11
		79	16.66	31.27	-134.72	-131.05	27.60	-24.39	1843.37	138.91	1841.79	140.49	-51.94
		77	15.38	24.96	-138.55	-130.19	16.60	-36.02	1613.18	78.86	1607.53	84.50	92.91
		248	12.74	16.54	-156.26	-140.87	1.15	-49.22	-856.46	-1543.58	-1488.23	-911.81	186.99
219	1	248	16.45	23.99	-200.86	-172.45	-4.42	-74.70	-1062.39	-2083.40	-1973.15	-1172.64	316.88
		77	18.98	14.17	-162.85	-161.18	12.50	-17.11	2036.52	76.56	2029.76	83.32	114.94
		74	12.50	-13.36	-152.35	-146.92	-18.79	-26.93	1138.60	-18.35	1063.68	56.57	284.72
		249	9.85	5.01	-140.92	-122.84	-13.07	-48.07	-247.47	-1216.06	-1027.28	-436.25	383.69
219	18	248	12.73	30.38	-169.54	-138.89	-0.26	-72.02	-834.77	-1588.37	-1491.94	-931.20	251.73
		77	15.07	13.26	-136.53	-131.23	7.95	-27.69	1594.28	73.31	1589.65	77.95	83.83
		74	10.19	-5.49	-132.04	-121.31	-16.22	-35.25	880.38	-4.80	822.90	52.68	218.11
		249	7.71	15.39	-124.39	-101.79	-7.20	-51.46	-204.98	-951.42	-791.58	-364.82	306.21
219	50	248	12.74	31.56	-170.95	-139.48	0.08	-73.37	-836.02	-1587.11	-1489.54	-933.59	252.51
		77	15.11	13.67	-137.70	-131.91	7.88	-29.03	1596.90	74.95	1592.31	79.54	83.45
		74	10.25	-4.89	-133.51	-122.09	-16.31	-36.59	880.71	-3.69	823.20	53.83	218.08
		249	7.73	16.55	-125.91	-102.48	-6.88	-52.81	-205.87	-952.78	-791.53	-367.12	307.31
220	2	249	11.89	29.20	-171.08	-119.52	-22.37	-87.57	-168.81	-1336.93	-910.04	-595.69	562.51
		74	10.76	-28.38	-149.53	-149.45	-28.47	3.17	983.01	11.27	915.44	78.84	247.17
		66	6.60	-19.19	-163.22	-129.12	-53.29	-61.22	404.69	142.42	163.95	383.16	71.99
		250	14.58	-0.75	-96.90	-64.03	-33.61	45.61	2247.84	322.63	324.01	2246.45	51.54
220	30	249	9.11	9.51	-153.02	-107.77	-35.75	-72.85	-83.69	-971.85	-678.31	-377.23	417.78
		74	8.64	-38.34	-130.66	-130.55	-38.45	-3.13	766.92	54.13	721.16	99.88	174.70
		66	5.92	-30.69	-154.99	-126.23	-59.46	-52.42	342.78	138.33	146.77	334.33	40.69
		250	12.14	-27.22	-91.81	-72.92	-46.11	29.38	1811.59	274.59	275.08	1811.10	27.53
220	62	249	9.11	8.43	-154.96	-109.23	-37.30	-73.35	-80.63	-967.70	-676.76	-371.57	416.46
		74	8.68	-39.76	-132.15	-132.01	-39.90	-3.62	767.47	56.54	722.38	101.62	173.26
		66	5.99	-32.10	-157.71	-128.73	-61.08	-52.92	344.13	140.65	148.57	336.22	39.35
		250	12.21	-29.54	-93.43	-75.13	-47.84	28.88	1817.35	276.81	277.27	1816.89	26.41
221	3	294	46.83	-29.92	-91.43	-38.31	-83.04	-21.11	7600.39	2599.19	5471.93	4727.65	2472.76
		293	44.38	-25.87	-81.60	-41.24	-66.22	-24.91	-296.79	-6758.94	-6247.78	-807.96	1744.12
		295	44.79	-29.37	-88.85	-42.34	-75.87	-24.56	-946.11	-7077.26	-7072.35	-951.01	173.29
		296	39.15	-32.92	-82.42	-38.33	-77.01	-15.44	6144.87	4793.41	5973.69	4964.60	449.49
221	10	294	31.24	6.04	-77.74	-17.99	-53.71	-37.89	4894.25	1505.65	3420.53	2979.37	1679.88
		293	28.35	9.82	-62.79	-25.20	-27.77	-36.28	-112.60	-4202.39	-3833.77	-481.23	1171.20
		295	28.76	0.95	-67.53	-28.53	-38.05	-33.91	-592.97	-4519.46	-4512.20	-600.23	168.69
		296	25.65	-0.69	-68.70	-18.36	-51.03	-29.82	4027.49	3048.92	3820.93	3255.49	399.34
221	42	294	31.26	6.05	-77.07	-18.08	-52.94	-37.73	4899.57	1506.89	3419.47	2986.99	1682.50
		293	28.36	9.87	-62.39	-25.41	-27.12	-36.12	-110.96	-4205.55	-3836.00	-480.50	1173.27

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		295	28.80	0.95	-67.10	-28.76	-37.39	-33.75	-592.37	-4523.41	-4516.12	-599.66	169.15
		296	25.65	-0.71	-68.01	-18.47	-50.26	-29.66	4027.52	3052.63	3818.04	3262.11	400.43
222	3	296	39.35	-32.95	-74.55	-37.53	-69.97	-13.02	6086.05	5063.35	6027.66	5121.74	237.29
		295	44.92	-22.85	-87.26	-39.73	-70.37	-28.33	-1029.94	-7134.12	-7124.65	-1039.41	240.18
		284	42.13	-21.18	-76.34	-37.10	-60.41	-25.00	-644.87	-6473.70	-6230.24	-888.33	-1166.10
		285	36.22	-29.68	-73.46	-32.85	-70.29	-11.36	6098.35	2608.21	5021.30	3685.26	-1612.14
222	30	296	25.60	15.42	-85.22	-18.40	-51.40	-47.54	3938.95	3168.78	3847.28	3260.45	249.40
		295	28.77	25.23	-86.32	-26.31	-34.78	-55.62	-657.59	-4547.53	-4539.05	-666.07	181.38
		284	28.97	21.15	-78.97	-27.10	-30.72	-50.03	-437.97	-4317.50	-4162.31	-593.16	-760.26
		285	23.67	10.36	-81.46	-18.22	-52.88	-42.51	3999.09	1886.73	3325.10	2560.72	-984.60
222	62	296	25.61	16.96	-86.63	-18.54	-51.13	-49.17	3935.85	3168.74	3844.26	3260.33	248.74
		295	28.81	26.96	-87.80	-26.49	-34.35	-57.24	-658.27	-4550.60	-4542.35	-666.52	178.97
		284	29.06	22.85	-80.50	-27.37	-30.29	-51.66	-438.16	-4324.08	-4168.08	-594.17	-762.82
		285	23.70	11.80	-82.87	-18.45	-52.62	-44.14	3995.92	1883.65	3319.45	2560.12	-985.53
223	3	288	100.65	-77.00	-158.34	-84.29	-151.05	-23.23	-2905.29	-1.573e+04	-2906.03	-1.573e+04	97.37
		286	74.84	-67.43	-122.16	-68.69	-120.90	8.19	-1872.19	-1.156e+04	-1931.68	-1.150e+04	756.67
		292	41.31	-25.63	-128.96	-38.98	-115.61	-34.66	4764.67	-1719.81	1816.46	1228.41	3228.88
		18	15.42	-41.86	-137.48	-42.61	-136.72	8.45	2377.19	1162.18	2327.82	1211.55	239.88
223	33	288	66.46	-58.25	-131.34	-65.08	-124.51	-21.27	-1907.31	-1.027e+04	-1908.19	-1.027e+04	85.84
		286	48.79	-15.35	-74.50	-19.14	-70.71	14.49	-1234.78	-7525.36	-1271.71	-7488.44	480.56
		292	26.33	-29.56	-97.65	-34.61	-92.60	-17.84	2962.33	-1242.42	1144.10	575.80	2083.08
		18	9.70	-0.74	-98.44	-1.94	-97.24	10.75	1452.13	476.14	1421.42	506.85	170.37
223	65	288	66.40	-59.15	-128.30	-64.19	-123.26	-17.98	-1906.79	-1.027e+04	-1907.76	-1.027e+04	90.32
		286	48.86	-12.99	-76.54	-18.43	-71.10	17.78	-1234.79	-7528.06	-1272.72	-7490.13	487.05
		292	26.21	-31.33	-96.51	-34.75	-93.08	-14.55	2967.78	-1247.34	1146.26	574.18	2088.06
		18	9.75	0.34	-98.17	-1.71	-96.12	14.05	1456.67	480.06	1424.85	511.87	173.36
224	3	18	15.68	-44.19	-130.69	-44.25	-130.62	2.40	2493.15	749.89	2492.98	750.06	-17.14
		292	40.65	-28.05	-117.31	-39.03	-106.34	-29.31	4624.85	-1886.86	1958.31	779.68	3202.08
		294	43.43	-24.93	-108.32	-36.89	-96.36	-29.23	6915.36	2454.86	4375.16	4995.06	2208.60
		88	46.90	-33.51	-112.12	-33.56	-112.06	2.02	7003.08	6191.12	6227.78	6966.42	168.59
224	17	18	10.49	-15.57	-96.59	-18.52	-93.64	-15.19	1579.71	312.34	1579.50	312.54	16.24
		292	27.22	1.52	-81.18	-15.04	-64.61	-33.10	2977.68	-1298.99	1284.49	394.20	2091.49
		294	29.24	-3.68	-79.48	-20.16	-63.00	-31.27	4577.94	1525.61	2919.48	3184.08	1520.42
		88	30.16	-4.63	-81.60	-5.92	-80.30	-9.90	4470.26	4041.06	4081.74	4429.59	125.72
224	49	18	10.47	-15.73	-94.56	-18.23	-92.06	-13.80	1588.25	325.44	1587.98	325.71	18.54
		292	27.22	0.73	-79.27	-14.89	-63.65	-31.71	2992.01	-1296.76	1292.28	402.97	2097.78
		294	29.27	-4.82	-77.71	-20.40	-62.13	-29.88	4595.88	1533.07	2933.86	3195.09	1525.82
		88	30.23	-5.07	-79.80	-6.05	-78.82	-8.51	4485.65	4055.23	4096.82	4444.07	127.16
225	3	88	46.07	-33.98	-105.41	-34.07	-105.32	2.47	6767.47	6280.28	6283.29	6764.47	38.17
		294	43.02	-22.86	-102.81	-35.79	-89.89	-29.43	6850.94	2353.10	4359.66	4844.38	2235.83
		296	37.19	-25.92	-91.97	-36.32	-81.57	-24.06	5580.72	4838.03	5108.87	5309.88	357.49
		89	53.36	-33.93	-90.42	-33.93	-90.42	0.11	7775.08	7605.16	7732.58	7647.66	73.59
225	17	88	29.92	-7.29	-81.65	-9.29	-79.65	-12.01	4350.96	4118.54	4127.94	4341.56	45.79
		294	28.95	1.22	-79.26	-17.88	-60.16	-34.24	4523.18	1506.62	2916.62	3113.18	1505.08
		296	25.31	-5.73	-70.00	-19.55	-56.17	-26.41	3840.16	3200.62	3486.75	3554.03	318.00
		89	35.70	-8.66	-69.57	-10.06	-68.17	-9.12	5206.76	5100.78	5182.26	5125.28	44.68
225	49	88	30.01	-7.81	-80.21	-9.49	-78.53	-10.90	4370.18	4133.95	4143.85	4360.28	47.34
		294	28.99	0.21	-77.87	-18.17	-59.48	-33.13	4539.76	1518.63	2931.55	3126.84	1507.41
		296	25.40	-6.75	-68.63	-19.88	-55.51	-25.30	3856.85	3215.13	3503.84	3568.14	319.25
		89	35.81	-9.20	-68.17	-10.31	-67.06	-8.01	5225.36	5119.43	5200.36	5144.44	44.99
226	3	89	53.21	-33.20	-83.99	-33.21	-83.98	0.76	7756.98	7615.76	7739.74	7632.99	-46.23
		296	37.05	-23.26	-87.19	-34.93	-75.52	-24.70	5638.82	4724.39	5070.49	5292.72	443.51
		285	33.66	-24.52	-78.27	-32.87	-69.91	-19.48	5667.59	2898.66	4505.91	4060.34	-1366.42
		287	45.28	-32.49	-74.60	-32.72	-74.37	-3.13	6994.32	5984.26	6994.24	5984.34	-9.35
226	18	89	35.43	-2.55	-77.02	-10.13	-69.44	-22.53	5169.05	5051.86	5159.19	5061.73	-32.53
		296	25.14	9.43	-80.54	-17.97	-53.15	-41.40	3814.35	3112.13	3440.19	3486.29	350.35
		285	22.85	2.93	-71.76	-18.27	-50.56	-33.67	3910.59	2146.75	3144.79	2912.55	-874.24
		287	31.56	-5.29	-70.89	-14.45	-61.73	-22.74	4781.23	4291.54	4780.13	4292.65	-23.28
226	50	89	35.52	-2.60	-76.70	-10.41	-68.89	-22.75	5184.38	5066.93	5174.64	5076.67	-32.38
		296	25.22	9.59	-80.48	-18.26	-52.63	-41.63	3825.71	3125.22	3454.92	3496.02	349.64
		285	22.92	3.10	-71.67	-18.53	-50.04	-33.90	3923.95	2156.03	3158.01	2921.98	-876.05
		287	31.65	-5.29	-70.61	-14.72	-61.18	-22.96	4795.24	4306.06	4794.04	4307.25	-24.15
227	3	290	73.83	-54.18	-123.67	-57.10	-120.75	-13.95	-1858.34	-1.137e+04	-1918.89	-1.131e+04	-756.69
		288	100.56	-78.55	-152.68	-83.13	-148.11	17.84	-2911.85	-1.573e+04	-2912.63	-1.573e+04	-99.68
		18	15.37	-42.25	-137.84	-43.25	-136.83	-9.75	2371.80	1134.82	2304.89	1201.73	-279.80
		90	41.38	-27.27	-124.42	-39.15	-112.53	31.83	4756.82	-1780.10	1757.23	1219.48	-3257.38
227	34	290	53.24	-5.62	-207.68	-61.71	-151.59	-90.49	-1316.51	-7797.82	-1350.01	-7764.33	-464.72
		288	67.82	-17.42	-130.39	-36.73	-111.08	-42.53	-1977.03	-1.051e+04	-1979.39	-1.051e+04	-141.96
		18	11.28	14.47	-164.22	-26.16	-123.59	-74.90	1366.55	286.88	1327.42	326.00	-201.78
		90	27.68	21.47	-130.70	11.16	-120.39	-38.24	2785.12	-1472.27	985.63	327.22	-2103.09
227	66	290	53.42	-3.34	-211.57	-61.90	-153.01	-93.62	-1320.40	-7815.32	-1354.30	-7781.42	-468.00
		288	67.90	-15.12	-132.96	-36.81	-111.27	-45.66	-1980.04	-1.052e+04	-1982.52	-1.052e+04	-145.52
		18	11.44	17.47	-166.85	-25.65	-123.73	-78.03	1363.23	275.00	1323.53	314.70	-204.02

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		90	27.90	23.23	-133.58	11.42	-121.77	-41.38	2777.40	-1486.65	980.67	310.08	-2105.49
228	3	90	40.68	-30.03	-113.62	-39.10	-104.55	25.99	4616.99	-1939.56	1894.86	782.57	-3230.76
		18	15.53	-43.84	-130.17	-44.03	-129.98	-4.01	2469.71	741.67	2469.51	741.87	-18.85
		88	46.86	-33.49	-112.04	-33.87	-111.66	-5.43	7014.05	6162.81	6210.62	6966.24	-195.98
		91	43.06	-31.95	-105.95	-41.51	-96.39	24.82	6847.60	2318.42	4240.10	4925.92	-2238.48
228	17	90	26.03	-7.46	-87.91	-7.65	-87.72	-3.91	2942.97	-1388.88	1206.02	348.06	-2123.02
		18	10.72	-2.75	-104.49	-13.92	-93.32	-31.81	1550.92	297.65	1549.49	299.08	-42.27
		88	30.09	-2.94	-90.29	-11.21	-82.02	-25.57	4470.85	3999.43	4045.96	4424.32	-140.61
		91	28.02	-3.75	-76.43	-3.79	-76.39	-1.83	4551.65	1441.41	2834.99	3158.07	-1546.71
228	49	90	26.07	-7.42	-86.50	-7.57	-86.35	-3.53	2956.40	-1386.10	1213.03	357.28	-2128.68
		18	10.70	-2.72	-102.87	-13.82	-91.78	-31.44	1558.87	310.50	1557.26	312.11	-44.73
		88	30.15	-3.29	-88.78	-11.51	-80.57	-25.19	4485.79	4011.89	4059.24	4438.43	-142.12
		91	28.11	-4.09	-75.13	-4.12	-75.10	-1.46	4567.64	1448.27	2847.52	3168.39	-1551.41
229	3	262	46.97	-86.57	-216.99	-204.10	-99.45	-38.91	-1487.04	-6869.24	-6768.11	-1588.17	730.81
		247	13.54	34.96	-230.40	-216.12	20.69	59.87	-830.82	-1368.06	-1235.62	-963.26	-231.55
		246	14.27	43.03	-226.85	-222.75	38.92	-33.03	-1082.76	-1340.79	-1323.69	-1099.86	64.19
		261	52.65	-88.14	-312.96	-289.56	-111.54	68.65	-1746.41	-7361.07	-7347.93	-1759.56	-271.33
229	18	262	30.57	-51.98	-177.99	-143.99	-85.98	-55.93	-958.78	-4481.08	-4398.81	-1041.05	531.97
		247	11.17	14.93	-142.74	-142.30	14.49	8.32	-657.10	-1203.58	-1178.09	-682.59	-115.24
		246	13.39	33.74	-162.22	-147.01	18.53	-52.43	-1041.76	-1550.63	-1541.69	-1050.71	66.86
		261	32.50	-82.45	-187.69	-186.19	-83.95	12.49	-1116.42	-4534.18	-4525.39	-1125.21	-173.05
229	50	262	30.64	-51.42	-179.13	-144.40	-86.15	-56.83	-961.18	-4491.23	-4409.16	-1043.25	531.98
		247	11.25	15.01	-142.97	-142.62	14.67	7.42	-660.55	-1214.23	-1188.70	-686.08	-116.12
		246	13.48	34.32	-163.10	-147.46	18.68	-53.33	-1045.93	-1562.06	-1553.55	-1054.44	65.74
		261	32.59	-82.85	-188.03	-186.73	-84.14	11.59	-1118.89	-4545.77	-4536.99	-1127.67	-173.26
230	3	261	52.44	-92.38	-286.95	-262.36	-116.97	-64.65	-1772.16	-7428.92	-7427.03	-1774.05	-103.56
		246	14.67	35.23	-249.38	-243.46	29.31	40.63	-1090.85	-1292.55	-1281.00	-1102.40	-46.87
		248	11.94	70.11	-235.18	-211.52	46.45	-81.63	-551.61	-1211.77	-946.43	-816.95	323.67
		263	45.77	-70.15	-298.08	-272.18	-96.05	72.34	-1188.85	-6396.58	-6118.48	-1466.94	-1170.86
230	18	261	32.64	-46.06	-214.98	-171.77	-89.27	-73.71	-1140.42	-4573.42	-4572.03	-1141.82	-69.14
		246	13.41	13.61	-159.38	-159.08	13.30	-7.26	-1005.30	-1512.39	-1511.31	-1006.37	-23.34
		248	12.37	48.81	-171.99	-137.77	14.60	-79.90	-919.31	-1452.90	-1395.55	-976.67	165.27
		263	27.72	-66.15	-171.05	-169.77	-67.44	11.54	-667.55	-3803.87	-3542.13	-929.29	-867.41
230	50	261	32.73	-45.46	-216.39	-172.32	-89.53	-74.77	-1142.58	-4585.04	-4583.57	-1144.04	-71.07
		246	13.50	13.94	-160.00	-159.60	13.54	-8.33	-1009.57	-1524.35	-1523.26	-1010.66	-23.69
		248	12.46	49.69	-173.21	-138.35	14.83	-80.96	-924.25	-1461.26	-1405.02	-980.49	164.44
		263	27.82	-66.64	-171.41	-170.35	-67.70	10.47	-668.60	-3813.65	-3551.20	-931.06	-869.80
231	3	263	47.15	-56.23	-298.89	-255.35	-99.76	-93.11	-1271.09	-6296.08	-6091.48	-1475.69	-993.10
		248	12.26	37.62	-224.23	-223.90	37.30	9.19	-657.47	-1072.16	-899.57	-830.06	204.41
		249	12.50	94.21	-197.16	-145.69	42.74	-111.12	361.51	-768.32	-457.04	50.23	504.78
		264	26.40	-5.39	-192.26	-154.89	-42.75	74.74	215.64	-3716.30	-2909.30	-591.36	-1588.02
231	30	263	29.14	-0.38	-219.20	-153.91	-65.67	-100.12	-772.55	-3710.28	-3498.45	-984.37	-759.88
		248	11.90	-0.12	-149.24	-142.53	-6.83	-30.91	-995.81	-1344.17	-1337.02	-1002.97	49.42
		249	8.57	50.18	-166.13	-98.65	-17.31	-100.21	-304.03	-900.17	-832.86	-371.34	188.66
		264	18.28	-22.84	-91.72	-90.97	-23.59	7.15	447.37	-2305.73	-1463.11	-395.25	-1268.78
231	62	263	29.24	1.23	-220.84	-153.86	-65.76	-101.92	-775.38	-3718.60	-3504.73	-989.25	-764.03
		248	11.96	-0.39	-150.49	-142.98	-7.90	-32.72	-1001.50	-1350.19	-1343.46	-1008.23	47.98
		249	8.64	50.98	-168.44	-99.08	-18.38	-102.02	-309.19	-901.19	-834.59	-375.80	187.07
		264	18.41	-23.23	-91.68	-91.26	-23.65	5.34	448.96	-2311.67	-1464.69	-398.01	-1273.11
232	2	264	27.48	44.04	-218.57	-133.87	-40.67	-122.76	645.56	-2527.75	-1507.33	-374.86	-1482.18
		249	9.60	-8.74	-111.42	-108.89	-11.26	-15.90	-724.73	-1118.15	-1114.71	-728.17	36.63
		250	18.90	62.62	-172.43	-69.29	-40.53	-116.64	2706.40	361.46	361.87	2705.99	30.93
		1	13.41	162.17	-57.37	85.92	18.89	104.53	963.70	-306.22	-83.48	740.96	-482.97
232	30	264	22.30	43.05	-186.14	-106.60	-36.49	-109.10	561.97	-1958.53	-1153.84	-242.72	-1175.03
		249	7.66	-15.39	-98.85	-88.96	-25.27	-26.97	-483.23	-855.91	-855.74	-483.40	7.81
		250	15.63	46.41	-162.86	-67.01	-49.44	-104.26	2165.06	305.85	305.85	2165.06	0.26
		1	9.93	99.68	-38.76	52.60	8.32	65.58	814.22	-233.00	-40.66	621.88	-405.50
232	62	264	22.41	44.05	-187.74	-106.94	-36.76	-110.45	567.80	-1960.00	-1153.62	-238.58	-1178.18
		249	7.69	-15.75	-100.33	-89.44	-26.63	-28.32	-477.92	-855.80	-855.71	-478.01	5.87
		250	15.72	46.34	-165.61	-68.29	-50.98	-105.62	2170.93	308.22	308.22	2170.93	-1.88
		1	9.90	97.40	-38.22	51.34	7.84	64.23	820.84	-232.83	-38.45	626.46	-408.69
233	3	265	40.72	-81.10	-186.19	-184.26	-83.03	-14.11	-1087.95	-5859.50	-5640.02	-1307.43	999.54
		266	11.79	48.71	-202.25	-183.58	30.04	65.85	-589.33	-1222.70	-1068.26	-743.77	-271.97
		247	13.06	35.55	-188.03	-187.93	35.45	4.74	-880.29	-1343.66	-1271.63	-952.32	-167.90
		262	47.79	-85.14	-267.13	-254.93	-97.33	45.50	-1463.99	-6607.16	-6530.26	-1540.89	624.17
233	13	265	27.00	-63.45	-147.81	-135.98	-75.28	-29.29	-680.08	-3884.56	-3711.08	-853.56	725.13
		266	9.22	29.69	-125.62	-120.75	24.81	27.08	-462.68	-963.14	-927.97	-497.86	-127.94
		247	10.96	28.61	-129.40	-127.24	26.44	-18.35	-738.94	-1211.33	-1202.41	-747.86	-64.30
		262	30.92	-80.43	-176.83	-175.59	-81.67	10.89	-917.26	-4271.09	-4200.99	-987.36	479.79
233	45	265	27.06	-63.50	-148.19	-136.42	-75.27	-29.29	-680.87	-3892.28	-3718.12	-855.03	727.30
		266	9.28	30.06	-125.98	-121.12	25.21	27.09	-465.97	-969.80	-935.16	-500.61	-127.48
		247	11.02	28.98	-129.85	-127.70	26.83	-18.35	-741.61	-1219.50	-1210.78	-750.33	-63.95
		262	30.99	-80.43	-177.35	-176.11	-81.67	10.89	-918.51	-4279.76	-4209.20	-989.06	481.86

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
234	3	267	33.58	-60.17	-146.66	-144.59	-62.24	-13.22	-584.99	-4797.57	-4400.51	-982.06	1230.86
		268	9.30	60.50	-166.56	-140.02	33.96	72.95	-249.62	-1005.33	-810.06	-444.89	-330.81
		266	11.54	37.76	-177.54	-173.59	33.82	28.88	-610.12	-1204.38	-1067.70	-746.80	-250.08
		265	41.77	-69.63	-206.22	-195.85	-80.00	36.17	-1102.01	-5836.58	-5630.31	-1308.28	966.46
234	13	267	22.51	-49.30	-118.48	-107.65	-60.13	-25.14	-345.60	-3237.36	-2937.43	-645.53	881.69
		268	7.04	35.62	-100.41	-90.15	25.35	35.94	-203.33	-747.18	-672.63	-277.89	-187.05
		266	9.17	26.57	-115.04	-115.04	26.56	-1.10	-468.25	-959.28	-928.31	-499.23	-119.38
		265	27.74	-71.25	-143.57	-142.48	-72.34	8.81	-688.13	-3870.70	-3704.91	-853.92	707.21
234	45	267	22.56	-49.27	-118.79	-108.00	-60.05	-25.17	-345.82	-3244.05	-2943.02	-646.84	884.20
		268	7.09	35.86	-100.67	-90.46	25.66	35.91	-205.80	-752.04	-678.29	-279.54	-186.67
		266	9.22	26.86	-115.44	-115.43	26.85	-1.13	-470.68	-965.94	-935.44	-501.18	-119.04
		265	27.80	-71.18	-143.99	-142.91	-72.26	8.79	-688.91	-3878.58	-3711.98	-855.52	709.68
235	3	269	24.91	-34.25	-90.51	-86.72	-38.04	-14.11	20.77	-3510.01	-2936.22	-553.02	1302.57
		270	8.68	75.86	-128.50	-93.27	40.64	77.19	175.75	-704.72	-520.52	-8.45	-358.12
		268	9.26	47.70	-146.01	-136.10	37.79	42.69	-266.69	-990.88	-808.91	-448.66	-314.12
		267	34.58	-50.47	-158.28	-149.46	-59.29	29.54	-600.26	-4769.72	-4385.81	-984.16	1205.52
235	17	269	16.76	-27.57	-78.19	-67.05	-38.71	-20.97	49.08	-2388.38	-1967.36	-371.94	921.39
		270	5.19	45.80	-74.43	-54.16	25.53	45.02	86.92	-524.65	-436.80	-0.93	-214.51
		268	7.07	28.72	-88.73	-87.22	27.21	13.25	-208.32	-737.32	-669.97	-275.68	-176.34
		267	23.28	-55.18	-112.55	-111.32	-56.41	8.31	-357.29	-3212.94	-2923.80	-646.43	861.44
235	49	269	16.80	-27.54	-78.37	-67.34	-38.57	-20.95	49.50	-2393.55	-1971.15	-372.90	923.87
		270	5.23	45.96	-74.64	-54.43	25.75	45.04	85.70	-527.85	-440.53	-1.62	-214.36
		268	7.12	28.92	-89.07	-87.56	27.41	13.27	-210.00	-742.00	-675.31	-276.69	-176.15
		267	23.33	-55.04	-112.91	-111.68	-56.27	8.33	-357.47	-3219.43	-2929.19	-647.71	863.96
236	3	271	16.74	6.25	-26.36	-9.03	-11.08	-16.27	609.03	-2042.50	-1439.40	5.94	1111.48
		272	8.48	93.05	-76.83	-32.10	48.31	74.82	747.80	-332.85	-232.78	647.72	-313.26
		270	7.30	62.97	-107.53	-89.51	44.96	52.41	159.70	-698.15	-519.92	-18.53	-348.03
		269	26.06	-28.42	-99.44	-92.52	-35.34	21.06	12.43	-3479.82	-2910.43	-556.95	1290.05
236	33	271	11.37	-3.20	-25.76	-16.09	-12.87	-11.16	450.57	-1376.37	-922.62	-3.18	789.35
		272	5.91	69.67	-55.58	-11.83	25.91	59.71	452.58	-239.11	-195.98	409.45	-167.25
		270	4.97	41.44	-65.07	-53.05	29.43	33.70	87.20	-457.48	-385.03	14.75	-184.97
		269	17.74	-30.67	-77.99	-73.30	-35.36	14.13	67.36	-2316.76	-1894.33	-355.07	910.32
236	65	271	11.34	-4.04	-25.23	-16.65	-12.63	-10.40	453.43	-1377.37	-921.52	-2.42	791.69
		272	5.92	70.34	-56.59	-12.38	26.14	60.47	453.00	-236.98	-194.80	410.82	-165.29
		270	4.98	42.09	-65.93	-53.51	29.67	34.45	87.14	-454.81	-383.77	16.10	-182.90
		269	17.79	-30.03	-78.83	-73.76	-35.10	14.89	70.09	-2317.53	-1893.14	-354.30	912.78
237	3	91	42.64	-30.05	-100.41	-40.48	-89.97	25.00	6781.78	2219.02	4223.99	4776.81	-2264.57
		88	46.01	-33.66	-105.41	-34.17	-104.90	-6.01	6771.27	6257.82	6266.22	6762.87	-65.13
		89	53.33	-32.95	-91.08	-34.04	-89.99	-7.90	7776.14	7597.96	7724.43	7649.67	-80.87
		92	36.43	-37.76	-88.50	-43.68	-82.57	16.30	5470.85	4684.30	4939.37	5215.78	-368.19
237	17	91	27.91	-5.62	-76.39	-5.68	-76.33	2.02	4507.14	1406.04	2831.02	3082.15	-1545.46
		88	29.83	-0.33	-91.16	-10.43	-81.06	-28.56	4348.02	4080.01	4092.25	4335.77	-55.96
		89	35.62	-3.48	-76.34	-11.40	-68.42	-22.68	5199.76	5077.61	5154.48	5122.88	-59.00
		92	24.80	-12.99	-67.48	-13.14	-67.32	-2.93	3811.53	3109.42	3414.86	3506.09	-348.08
237	49	91	28.00	-6.02	-75.56	-6.10	-75.48	2.34	4522.46	1416.52	2844.02	3094.95	-1547.89
		88	29.93	-0.73	-90.03	-10.80	-79.96	-28.24	4366.75	4093.78	4106.38	4354.14	-57.29
		89	35.73	-3.89	-75.21	-11.78	-67.33	-22.36	5217.02	5095.60	5170.90	5141.72	-58.93
		92	24.88	-13.44	-66.60	-13.57	-66.47	-2.62	3825.48	3121.94	3430.17	3517.25	-349.06
238	3	92	36.29	-35.48	-83.41	-42.37	-76.52	16.82	5528.12	4572.31	4901.16	5199.27	-454.07
		89	53.18	-31.86	-84.99	-33.31	-83.55	-8.64	7745.90	7619.00	7731.56	7633.35	40.18
		287	45.29	-30.53	-76.14	-32.82	-73.84	-9.97	6992.56	5987.82	6991.94	5988.44	24.97
		289	33.45	-39.00	-72.41	-40.62	-70.78	7.19	5553.81	2773.44	4349.24	3978.02	1377.74
238	14	92	24.55	-9.12	-70.02	-10.67	-68.46	-9.61	3816.98	3019.46	3361.77	3474.67	-394.75
		89	35.39	5.94	-86.24	-10.15	-70.15	-34.99	5130.98	5055.70	5128.22	5058.46	14.15
		287	31.58	1.79	-76.53	-13.93	-60.81	-31.37	4781.42	4292.47	4781.41	4292.48	-2.06
		289	23.97	-13.38	-68.84	-19.73	-62.49	-17.66	3856.34	2173.02	3119.21	2910.16	835.14
238	46	92	24.61	-9.22	-69.98	-11.00	-68.20	-10.24	3828.24	3031.09	3374.28	3485.05	-394.71
		89	35.48	6.30	-86.31	-10.41	-69.59	-35.62	5144.20	5070.35	5141.52	5073.03	13.81
		287	31.67	2.21	-76.64	-14.19	-60.24	-32.01	4795.84	4306.84	4795.83	4306.84	-1.36
		289	24.06	-13.22	-69.06	-20.05	-62.23	-18.29	3869.49	2183.63	3132.79	2920.33	836.21
239	3	1	8.61	-8.01	-20.36	-12.07	-16.29	5.80	211.39	-1151.01	-416.13	-523.50	-679.08
		290	68.96	-43.20	-132.74	-49.68	-126.26	23.21	-1628.73	-1.057e+04	-1796.83	-1.040e+04	-1214.52
		90	56.05	-27.98	-115.68	-34.71	-108.95	23.35	6772.05	-2268.25	2877.30	1626.50	-4476.68
		264	38.48	-38.31	-56.14	-49.30	-45.15	8.67	706.66	-5338.45	-3675.61	-956.18	-2699.45
239	30	1	8.36	13.66	-68.09	-26.44	-27.98	-40.87	32.94	-871.43	-267.51	-570.98	-425.96
		290	49.55	-8.75	-143.52	-14.24	-138.03	-26.65	-1240.68	-7279.55	-1328.53	-7191.71	-723.03
		90	36.56	-3.66	-137.19	-11.40	-129.45	-31.19	4055.23	-1775.99	1671.20	608.04	-2866.74
		264	27.31	42.55	-65.06	6.23	-28.74	-50.88	599.88	-3398.29	-2129.37	-669.03	-1860.96
239	62	1	8.52	16.17	-70.42	-26.05	-28.19	-43.28	29.68	-879.27	-271.15	-578.44	-427.72
		290	49.72	-8.00	-145.95	-14.42	-139.53	-29.06	-1246.47	-7296.38	-1334.09	-7208.76	-722.75
		90	36.75	-2.47	-139.71	-11.26	-130.92	-33.61	4049.37	-1790.74	1667.31	591.32	-2870.07
		264	27.47	45.01	-67.32	6.57	-28.88	-53.30	598.22	-3405.53	-2131.26	-676.05	-1864.96
240	3	264	38.68	-19.95	-52.21	-30.64	-41.52	15.19	792.53	-5305.94	-3893.00	-620.40	-2573.01

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		90	47.53	-35.44	-110.60	-41.74	-104.30	20.84	5798.80	-1845.77	2936.48	1016.55	-3699.77
		91	48.97	-34.44	-97.60	-41.30	-90.75	19.64	7835.41	2187.32	5329.13	4693.60	-2806.11
		263	45.77	-45.55	-82.67	-51.62	-76.61	13.72	-387.62	-6995.59	-6569.40	-813.81	-1623.15
240	30	264	25.41	17.34	-27.87	10.75	-21.28	-15.95	705.49	-3335.59	-2208.61	-421.49	-1812.22
		90	32.53	12.15	-130.91	-2.33	-116.42	-43.16	3548.65	-1429.92	1728.12	390.61	-2397.77
		91	30.98	7.68	-104.21	3.01	-99.54	-22.37	5071.28	1171.29	3353.04	2889.53	-1936.17
		263	28.19	29.16	-72.53	2.27	-45.64	-44.85	-81.00	-4141.50	-3764.11	-458.40	-1178.98
240	62	264	25.56	19.31	-29.38	11.16	-21.24	-18.18	708.69	-3341.24	-2209.42	-423.13	-1817.35
		90	32.70	13.66	-133.02	-2.07	-117.30	-45.38	3551.32	-1435.13	1727.45	388.75	-2401.70
		91	31.11	8.88	-105.93	3.35	-100.39	-24.59	5074.73	1167.29	3354.14	2887.89	-1939.76
		263	28.28	31.54	-74.31	2.80	-45.57	-47.08	-79.27	-4143.52	-3763.07	-459.72	-1183.85
241	3	263	46.29	-40.60	-81.73	-49.22	-73.10	16.74	-476.62	-7126.41	-6688.18	-914.86	-1649.88
		91	46.47	-36.60	-89.32	-42.76	-83.16	16.93	7537.59	2499.08	5376.22	4660.45	-2493.70
		92	38.49	-43.92	-79.05	-45.89	-77.08	8.08	6026.76	4685.62	5846.04	4866.33	-457.94
		261	48.59	-49.92	-93.03	-55.05	-87.91	13.95	-1086.06	-7657.78	-7654.53	-1089.30	-145.96
241	34	263	28.28	10.15	-44.67	7.24	-41.76	-12.30	-123.86	-4247.65	-3852.21	-519.30	-1214.22
		91	29.88	12.89	-100.67	1.64	-89.42	-33.92	4907.88	1425.19	3393.81	2939.27	-1726.45
		92	25.32	1.27	-84.89	-5.01	-78.61	-22.40	4095.06	2967.09	3835.04	3227.11	-475.06
		261	29.18	8.81	-79.74	-11.18	-59.75	-37.02	-624.12	-4600.05	-4591.14	-633.03	-188.02
241	66	263	28.26	11.55	-45.28	7.80	-41.53	-14.09	-121.93	-4248.98	-3851.19	-519.72	-1217.98
		91	30.01	14.33	-102.07	2.09	-89.83	-35.71	4915.07	1425.40	3395.58	2944.89	-1730.22
		92	25.34	2.44	-86.23	-4.74	-79.05	-24.19	4100.17	2969.46	3836.91	3232.71	-477.87
		261	29.19	10.67	-81.01	-10.79	-59.55	-38.82	-624.30	-4599.19	-4590.01	-633.48	-190.82
242	3	261	48.74	-44.42	-90.71	-52.49	-82.64	17.56	-1170.79	-7716.33	-7709.22	-1177.89	-215.55
		92	38.70	-43.97	-71.24	-45.15	-70.06	5.54	5963.02	4960.73	5899.36	5024.39	-244.44
		289	36.13	-41.09	-69.70	-41.10	-69.69	-0.70	5992.59	2503.54	4898.48	3597.65	1618.74
		262	45.04	-43.98	-81.06	-49.26	-75.78	12.96	-802.11	-6982.52	-6777.06	-1007.57	1107.98
242	14	261	30.05	-9.12	-64.96	-9.54	-64.54	-4.85	-669.22	-4723.30	-4709.81	-682.71	-233.46
		92	25.20	-3.88	-75.22	-13.39	-65.71	-24.25	3951.80	3175.67	3811.66	3315.81	-298.55
		289	24.47	-7.97	-66.06	-16.02	-58.01	-20.07	3988.81	1978.40	3341.43	2625.78	939.36
		262	28.61	-21.64	-79.98	-31.07	-70.56	-21.48	-459.25	-4451.02	-4323.28	-586.99	702.56
242	46	261	30.08	-9.23	-65.44	-9.81	-64.86	-5.69	-668.73	-4728.13	-4714.61	-682.25	-233.90
		92	25.20	-3.39	-75.56	-13.54	-65.41	-25.09	3950.26	3180.39	3808.08	3322.57	-298.74
		289	24.51	-7.46	-66.41	-16.16	-57.71	-20.91	3990.30	1980.78	3338.45	2632.63	940.74
		262	28.66	-21.29	-80.92	-31.33	-70.88	-22.32	-458.56	-4455.45	-4327.49	-586.51	703.59
243	2	376	11.47	20.41	-106.69	-101.42	15.13	25.36	-320.20	-1072.47	-321.53	-1071.15	31.55
		377	9.91	31.05	-110.19	-101.23	22.10	34.42	-381.48	-913.58	-385.96	-909.10	48.58
		232	7.92	9.69	-111.18	-110.54	9.05	8.77	-149.71	-602.00	-159.24	-592.47	64.96
		357	7.12	5.71	-131.71	-131.36	5.36	6.92	-115.02	-398.72	-115.10	-398.63	-4.89
243	32	376	10.12	21.08	-101.39	-94.57	14.25	28.10	-255.69	-902.80	-255.85	-902.64	10.16
		377	8.92	28.72	-104.58	-94.60	18.74	35.08	-302.67	-777.05	-303.53	-776.19	20.17
		232	7.85	6.23	-125.59	-123.79	4.44	15.29	-150.86	-555.81	-153.36	-553.31	31.72
		357	7.41	3.80	-140.98	-139.64	2.45	13.88	-118.61	-407.02	-119.74	-405.90	-17.97
243	64	376	10.25	21.58	-103.20	-96.10	14.49	28.89	-256.54	-910.78	-256.66	-910.66	8.82
		377	9.05	29.17	-106.42	-96.15	18.90	35.88	-303.52	-784.77	-304.23	-784.06	18.49
		232	8.01	6.14	-129.32	-127.38	4.20	16.08	-153.85	-563.76	-156.10	-561.52	30.27
		357	7.59	3.77	-144.68	-143.21	2.30	14.68	-121.25	-415.51	-122.50	-414.25	-19.15
244	3	312	8.85	15.04	-99.57	-98.64	14.11	-10.29	443.50	-143.61	-137.17	437.06	-61.16
		39	12.01	30.62	-123.96	-123.37	30.03	-9.56	326.69	-443.71	-441.89	324.87	-37.43
		377	6.98	22.80	-93.49	-90.21	19.52	19.25	-32.23	-343.21	-262.31	-113.14	136.43
		376	5.66	13.59	-90.75	-88.86	11.71	13.89	-243.16	-342.37	-274.40	-311.12	46.08
244	28	312	6.83	31.62	-61.01	-60.97	31.58	2.00	544.92	183.28	185.99	542.22	-31.15
		39	9.46	40.02	-95.87	-95.11	39.26	10.14	860.19	169.31	341.77	687.73	-299.01
		377	7.74	26.67	-111.09	-100.69	16.27	36.40	-365.71	-659.34	-366.17	-658.88	-11.64
		376	9.03	22.64	-112.68	-106.46	16.41	28.35	-200.26	-689.62	-203.87	-686.01	-41.85
244	60	312	6.86	32.04	-61.29	-61.21	31.97	2.62	549.74	188.87	191.78	546.84	-32.23
		39	9.50	40.47	-96.20	-95.35	39.61	10.76	867.56	173.15	347.67	693.03	-301.22
		377	7.77	26.90	-112.99	-102.39	16.30	37.03	-364.37	-655.28	-365.03	-654.63	-13.77
		376	9.07	22.87	-114.56	-108.15	16.46	28.98	-199.05	-686.32	-202.89	-682.48	-43.07
245	2	266	13.04	13.12	-138.12	-137.87	12.88	-6.11	-429.70	-1493.95	-1339.58	-584.07	-374.77
		118	13.69	27.65	-109.27	-109.17	27.56	3.56	1522.74	151.95	1494.62	180.08	-194.32
		81	16.85	42.73	-131.88	-129.28	40.13	-21.15	1876.31	144.88	1859.19	162.00	-171.31
		247	15.12	10.13	-166.57	-166.51	10.07	3.32	-767.85	-1764.98	-1679.79	-853.04	-278.74
245	17	266	10.19	14.02	-112.22	-112.01	13.81	-5.17	-333.95	-1144.75	-1020.67	-458.03	-291.90
		118	10.81	23.67	-89.87	-89.82	23.62	2.26	1184.31	125.40	1162.00	147.70	-152.06
		81	13.30	37.06	-107.65	-105.69	35.09	-16.77	1456.67	120.68	1443.42	133.92	-132.36
		247	11.79	11.55	-134.46	-134.43	11.53	2.06	-596.74	-1349.92	-1281.77	-664.90	-216.08
245	49	266	10.21	14.34	-112.78	-112.56	14.13	-5.22	-334.23	-1144.33	-1019.76	-458.80	-292.23
		118	10.84	23.94	-90.41	-90.37	23.90	2.20	1185.56	126.11	1163.19	148.47	-152.30
		81	13.33	37.37	-108.24	-106.27	35.40	-16.82	1457.94	121.46	1444.69	134.71	-132.42
		247	11.80	11.86	-135.05	-135.02	11.83	2.01	-597.25	-1349.18	-1280.78	-665.65	-216.22
246	2	268	10.04	15.21	-105.99	-105.27	14.48	9.35	-122.11	-1152.57	-950.85	-323.82	-408.86
		120	9.93	17.34	-80.99	-80.59	16.95	6.20	1099.53	91.52	1048.46	142.59	-221.06

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		118	13.53	31.71	-108.32	-107.32	30.71	-11.79	1515.46	138.57	1485.69	168.35	-200.29
		266	12.73	16.75	-141.39	-140.22	15.59	13.53	-431.36	-1487.21	-1334.21	-584.36	-371.67
246	13	268	7.95	14.77	-87.30	-87.00	14.47	5.55	-91.59	-885.63	-723.17	-254.05	-320.32
		120	7.88	15.42	-67.93	-67.81	15.30	3.12	857.72	75.34	815.97	117.09	-175.84
		118	10.71	28.71	-89.49	-88.50	27.72	-10.75	1176.69	112.71	1152.55	136.85	-158.43
		266	9.99	15.83	-114.61	-114.02	15.24	8.74	-331.95	-1141.04	-1018.21	-454.79	-290.33
246	45	268	7.97	15.01	-87.83	-87.55	14.73	5.39	-91.38	-885.57	-722.44	-254.51	-320.85
		120	7.91	15.64	-68.46	-68.36	15.54	2.96	858.87	75.71	816.90	117.69	-176.38
		118	10.74	29.06	-90.07	-89.06	28.05	-10.91	1177.75	113.20	1153.49	137.45	-158.85
		266	10.01	16.06	-115.15	-114.59	15.50	8.58	-331.94	-1140.77	-1017.46	-455.25	-290.74
247	3	270	7.59	37.04	-101.04	-86.64	22.64	42.20	206.15	-830.57	-592.81	-31.60	-435.84
		122	9.02	10.22	-107.18	-91.83	-5.13	39.58	745.21	-114.05	510.89	120.27	-382.67
		120	10.52	13.35	-116.56	-110.61	7.41	27.15	971.61	-21.63	814.17	135.81	-362.76
		268	10.26	39.46	-150.07	-134.62	24.01	51.86	-200.57	-1203.28	-971.72	-432.14	-422.58
247	33	270	5.42	20.24	-67.25	-59.45	12.43	24.94	149.17	-581.66	-428.46	-4.03	-297.48
		122	5.38	8.14	-58.44	-53.69	3.39	17.14	517.31	40.16	457.59	99.88	-157.89
		120	7.84	14.91	-72.21	-71.70	14.40	6.66	829.68	85.76	793.82	121.63	-159.36
		268	7.72	23.59	-99.97	-92.50	16.11	29.46	-102.85	-883.11	-738.33	-247.63	-303.33
247	65	270	5.44	20.81	-68.97	-60.74	12.57	25.91	148.32	-580.62	-428.69	-3.61	-296.08
		122	5.44	8.45	-60.18	-55.02	3.28	18.11	516.97	41.75	457.53	101.19	-157.22
		120	7.88	15.01	-73.38	-72.71	14.35	7.63	828.82	87.21	793.20	122.83	-158.58
		268	7.75	24.14	-101.35	-93.48	16.27	30.43	-103.91	-882.53	-739.11	-247.33	-301.82
248	3	272	6.94	38.52	-51.19	-32.70	20.03	36.29	677.83	-346.46	-197.47	528.84	-361.12
		124	6.65	3.24	-88.28	-73.30	-11.74	33.86	487.75	-161.78	226.16	99.82	-318.56
		122	8.51	7.74	-97.46	-88.89	-0.83	28.78	741.54	-114.62	504.84	122.08	-382.92
		270	8.43	48.01	-110.96	-87.72	24.77	56.16	211.13	-833.82	-586.90	-35.79	-443.90
248	31	272	4.66	18.52	-37.85	-21.61	2.28	25.53	421.88	-223.73	-128.45	326.60	-228.98
		124	3.14	5.42	-42.00	-32.73	-3.84	18.80	253.79	-0.52	160.04	93.23	-122.69
		122	5.03	7.94	-51.85	-50.24	6.33	9.68	503.60	35.12	444.76	93.95	-155.24
		270	5.56	28.25	-74.04	-58.65	12.86	36.57	145.35	-581.69	-432.27	-4.08	-293.79
248	63	272	4.68	18.98	-39.94	-23.17	2.20	26.59	421.05	-221.90	-128.29	327.44	-226.77
		124	3.21	5.73	-44.28	-34.46	-4.08	19.86	253.65	0.98	160.27	94.37	-121.96
		122	5.08	8.12	-53.37	-51.43	6.18	10.75	502.53	36.32	444.01	94.84	-154.46
		270	5.59	28.87	-75.78	-59.81	12.90	37.63	143.83	-580.39	-433.07	-3.49	-291.53
249	2	46	9.93	16.68	-54.87	-53.98	15.79	7.93	945.91	189.89	192.58	943.22	45.01
		45	7.54	8.02	-49.06	-49.02	7.98	1.46	738.74	173.46	181.86	730.33	68.42
		343	11.62	6.85	-102.93	-102.34	6.26	8.01	-80.85	-974.79	-81.35	-974.30	21.00
		342	11.09	13.35	-103.24	-103.17	13.28	-2.79	-197.59	-968.54	-200.32	-965.81	-45.76
249	23	46	6.54	19.08	-48.53	-41.84	12.40	20.18	586.07	136.72	137.76	585.03	21.61
		45	5.04	7.30	-43.74	-38.69	2.25	15.24	480.37	138.28	142.48	476.17	37.66
		343	9.14	10.44	-65.72	-59.87	4.60	20.27	-56.45	-815.98	-56.96	-815.47	19.71
		342	9.40	16.02	-61.58	-59.69	14.12	11.97	-161.76	-866.00	-162.98	-864.78	-29.34
249	55	46	6.45	19.90	-49.31	-41.82	12.41	21.50	574.33	136.18	137.14	573.37	20.45
		45	5.01	7.77	-44.65	-38.76	1.88	16.56	475.11	138.55	142.51	471.14	36.32
		343	9.15	11.33	-64.83	-58.12	4.62	21.59	-56.88	-821.06	-57.41	-820.53	20.08
		342	9.49	16.85	-60.22	-57.86	14.48	13.29	-162.64	-877.65	-163.81	-876.48	-28.84
250	2	342	11.05	12.19	-100.15	-100.14	12.17	-1.35	-210.09	-983.18	-211.52	-981.75	33.24
		343	11.69	5.29	-101.51	-101.13	4.91	6.37	-67.00	-977.78	-70.51	-974.26	-56.47
		233	7.51	2.38	-153.52	-153.16	2.01	7.55	-59.37	-302.73	-63.48	-298.62	-31.37
		332	7.77	3.49	-152.28	-152.28	3.49	0.07	-77.92	-362.18	-81.53	-358.57	31.82
250	32	342	9.51	10.01	-94.49	-94.48	10.01	0.82	-192.56	-833.52	-192.96	-833.12	16.14
		343	10.14	6.64	-95.38	-94.92	6.18	6.78	-84.77	-837.50	-88.16	-834.10	-50.43
		233	7.64	-0.17	-157.60	-157.22	-0.54	7.66	-77.09	-330.70	-81.25	-326.54	-32.22
		332	7.73	-1.18	-156.87	-156.84	-1.21	1.97	-93.20	-368.67	-93.99	-367.88	14.71
250	64	342	9.61	10.07	-96.11	-96.10	10.06	1.00	-195.57	-841.47	-195.94	-841.10	15.34
		343	10.26	6.87	-96.97	-96.51	6.40	6.96	-87.80	-846.00	-91.27	-842.54	-51.12
		233	7.81	-0.35	-161.25	-160.86	-0.74	7.84	-79.88	-339.21	-84.15	-334.94	-33.02
		332	7.89	-1.54	-160.54	-160.51	-1.57	2.14	-96.09	-376.50	-96.77	-375.82	13.80
251	2	55	9.18	-38.90	-157.85	-52.43	-144.32	-37.77	502.21	-29.69	20.43	452.09	-155.40
		304	9.95	-36.09	-142.02	-38.06	-140.05	-14.31	591.96	104.55	133.56	562.95	-115.32
		309	45.67	-67.46	-185.62	-122.14	-130.93	-58.92	4758.60	963.99	964.20	4758.38	-28.50
		51	44.36	-114.73	-137.24	-117.80	-134.16	-7.73	4605.97	934.37	934.51	4605.84	22.64
251	26	55	11.07	-28.92	-120.52	-39.35	-110.10	-29.09	838.21	91.11	119.98	809.34	-143.99
		304	11.79	-27.00	-109.25	-28.52	-107.73	-11.09	921.88	193.25	209.31	905.82	-106.98
		309	39.20	-53.20	-143.86	-96.13	-100.94	-45.27	4133.74	855.23	855.52	4133.45	-30.83
		51	38.08	-89.24	-105.32	-92.14	-102.41	-6.18	4004.92	829.13	829.16	4004.89	8.29
251	58	55	11.45	-28.88	-120.77	-39.27	-110.38	-29.10	879.77	101.12	129.56	851.33	-146.07
		304	12.18	-26.95	-109.53	-28.47	-108.01	-11.10	964.40	203.28	219.07	948.61	-108.48
		309	39.58	-53.43	-144.12	-96.30	-101.26	-45.28	4176.59	865.66	865.96	4176.29	-31.62
		51	38.46	-89.37	-105.62	-92.24	-102.75	-6.20	4046.94	839.29	839.31	4046.92	7.48
252	2	52	18.10	-14.38	-140.34	-16.16	-138.56	-14.88	-459.31	-1506.58	-482.50	-1483.38	-154.12
		303	18.33	-5.95	-126.94	-5.97	-126.92	-1.43	-300.22	-1526.52	-313.61	-1513.13	-127.42
		304	9.74	-31.51	-140.76	-37.76	-134.51	-25.37	590.05	104.77	128.80	566.02	-105.28

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		55	9.37	-45.45	-144.53	-50.89	-139.09	-22.57	538.15	-40.82	16.79	480.54	-173.30
252	33	52	15.02	-9.78	-116.67	-15.07	-111.37	-23.19	-374.31	-1248.58	-386.95	-1235.94	-104.35
		303	15.33	-6.56	-108.75	-8.19	-107.11	-12.84	-249.94	-1264.68	-256.87	-1257.74	-83.61
		304	7.07	-23.95	-124.32	-34.81	-113.46	-31.18	353.88	54.39	69.51	338.76	-65.58
		55	6.45	-33.22	-123.00	-43.94	-112.27	-29.12	313.78	-58.98	-17.04	271.84	-117.79
252	65	52	15.10	-9.55	-117.45	-15.33	-111.67	-24.29	-375.11	-1254.85	-387.41	-1242.55	-103.29
		303	15.42	-6.61	-109.85	-8.53	-107.93	-13.93	-250.64	-1271.07	-257.35	-1264.36	-82.47
		304	7.06	-23.84	-125.84	-35.35	-114.33	-32.27	346.56	52.27	67.06	331.77	-64.30
		55	6.40	-32.94	-124.08	-44.40	-112.62	-30.22	306.51	-61.18	-19.51	264.85	-116.55
253	2	64	20.76	-6.92	-126.81	-6.98	-126.75	-2.58	-594.03	-1877.33	-594.82	-1876.54	-31.70
		306	21.61	-1.45	-113.94	-1.71	-113.67	5.44	-424.82	-1962.33	-425.38	-1961.77	-29.34
		303	17.97	-7.20	-121.17	-7.32	-121.05	-3.71	-301.40	-1512.76	-312.42	-1501.74	-115.03
		52	17.69	-15.09	-133.37	-16.42	-132.03	-12.50	-461.07	-1493.34	-483.55	-1470.86	-150.66
253	26	64	17.01	-4.39	-96.99	-4.41	-96.97	-1.26	-494.77	-1568.11	-495.68	-1567.20	-31.18
		306	17.77	-0.42	-87.82	-0.70	-87.55	4.91	-367.65	-1644.34	-368.28	-1643.71	-28.43
		303	15.01	-4.40	-93.28	-4.45	-93.23	-2.05	-265.50	-1299.75	-276.40	-1288.85	-105.58
		52	14.68	-10.35	-101.95	-11.21	-101.09	-8.85	-385.87	-1273.47	-405.16	-1254.18	-129.42
253	58	64	17.07	-4.34	-97.24	-4.35	-97.23	-1.19	-496.93	-1574.24	-497.86	-1573.31	-31.56
		306	17.84	-0.36	-88.08	-0.64	-87.79	4.98	-370.06	-1651.38	-370.71	-1650.73	-28.77
		303	15.08	-4.30	-93.51	-4.35	-93.47	-1.98	-267.35	-1306.91	-278.45	-1295.80	-106.87
		52	14.74	-10.25	-102.18	-11.09	-101.33	-8.77	-387.51	-1279.69	-406.98	-1260.22	-130.35
254	2	65	14.16	-10.62	-116.44	-11.05	-116.00	6.80	-399.68	-1162.80	-413.67	-1148.81	102.36
		307	14.94	-4.24	-108.04	-5.20	-107.08	9.92	-282.29	-1233.85	-291.07	-1225.07	90.97
		306	21.39	-0.91	-108.99	-1.17	-108.72	5.30	-423.23	-1957.93	-423.50	-1957.67	-20.06
		64	20.55	-6.29	-121.10	-6.38	-121.00	-3.30	-595.53	-1878.02	-596.11	-1877.44	-27.29
254	26	65	12.42	-8.10	-89.15	-8.59	-88.66	6.30	-360.84	-1074.46	-372.11	-1063.18	89.00
		307	13.11	-3.60	-83.13	-4.56	-82.17	8.67	-272.91	-1140.82	-280.66	-1133.08	81.62
		306	18.07	0.05	-83.77	-0.27	-83.44	5.20	-377.81	-1695.72	-377.89	-1695.64	-10.34
		64	17.32	-3.87	-92.48	-3.90	-92.46	-1.42	-507.53	-1622.97	-507.79	-1622.70	-17.23
254	58	65	12.56	-8.10	-89.38	-8.61	-88.87	6.41	-365.19	-1089.20	-376.52	-1077.87	89.88
		307	13.26	-3.62	-83.38	-4.60	-82.40	8.79	-277.43	-1156.35	-285.27	-1148.51	82.64
		306	18.22	0.12	-84.01	-0.21	-83.67	5.31	-381.91	-1711.05	-381.99	-1710.97	-9.88
		64	17.46	-3.80	-92.68	-3.82	-92.66	-1.31	-511.43	-1637.54	-511.68	-1637.29	-16.90
255	2	47	9.62	-16.65	-110.46	-17.81	-109.30	10.36	-220.33	-668.92	-271.24	-618.01	142.29
		305	10.15	-8.03	-106.49	-10.50	-104.03	15.38	-145.26	-695.14	-180.74	-659.65	135.10
		307	14.84	-3.22	-105.22	-4.86	-103.58	12.84	-282.03	-1234.22	-289.79	-1226.47	85.59
		65	14.11	-10.76	-112.16	-10.91	-112.01	3.92	-400.54	-1177.17	-415.71	-1162.00	107.50
255	26	47	8.82	-13.00	-84.60	-14.26	-83.34	9.42	-219.46	-678.83	-259.79	-638.50	130.00
		305	9.48	-6.65	-85.92	-8.93	-83.65	13.23	-162.60	-711.65	-192.76	-681.49	125.10
		307	13.06	-2.52	-84.80	-4.11	-83.22	11.31	-267.32	-1125.38	-275.48	-1117.21	83.30
		65	12.25	-8.15	-85.66	-8.41	-85.40	4.48	-355.62	-1070.81	-369.75	-1056.68	99.52
255	56	47	9.04	-11.36	-83.53	-14.65	-80.24	15.05	-224.69	-700.21	-261.11	-663.79	126.46
		305	9.67	-4.43	-83.62	-9.21	-78.84	18.86	-166.39	-738.29	-193.60	-711.09	121.73
		307	13.21	-0.65	-82.11	-4.34	-78.42	16.94	-268.65	-1154.20	-276.05	-1146.80	80.61
		65	12.42	-7.49	-83.69	-8.85	-82.32	10.11	-357.91	-1094.86	-370.82	-1081.96	96.67
256	2	32	5.83	-24.90	-105.67	-27.45	-103.12	14.11	52.09	-287.84	-133.77	-101.98	169.22
		302	5.96	-14.26	-106.95	-19.75	-101.46	21.89	64.77	-230.01	-67.21	-98.03	146.59
		305	10.04	-7.14	-104.21	-9.81	-101.54	15.89	-148.04	-690.70	-179.73	-659.01	127.24
		47	9.59	-16.13	-107.79	-17.21	-106.70	9.92	-215.83	-676.76	-272.40	-620.19	151.24
256	24	32	5.84	-17.75	-83.51	-22.62	-78.65	17.21	-27.59	-334.84	-145.54	-216.89	149.43
		302	5.99	-9.02	-85.35	-16.81	-77.57	23.11	-11.36	-303.65	-95.17	-219.84	132.18
		305	9.09	-4.02	-82.16	-8.69	-77.50	18.51	-154.26	-678.34	-181.36	-651.24	116.05
		47	8.70	-11.44	-84.11	-14.24	-81.32	13.98	-207.56	-659.64	-251.81	-615.39	134.34
256	56	32	5.96	-17.57	-83.73	-22.77	-78.53	17.80	-33.45	-345.80	-149.47	-229.78	150.93
		302	6.12	-8.78	-85.69	-16.96	-77.52	23.70	-16.60	-315.83	-99.17	-233.25	133.75
		305	9.22	-3.83	-82.40	-8.79	-77.44	19.11	-158.03	-691.92	-185.29	-664.65	117.53
		47	8.82	-11.30	-84.23	-14.34	-81.19	14.57	-211.46	-672.49	-255.67	-628.27	135.75
257	2	5	7.17	-35.95	-100.28	-40.65	-95.58	16.73	457.69	-53.84	1.53	402.32	158.92
		301	7.53	-24.06	-107.72	-35.44	-96.34	28.68	501.40	7.81	47.95	461.26	134.91
		302	5.90	-13.28	-104.60	-18.91	-98.97	21.96	64.19	-229.86	-67.25	-98.42	146.20
		32	5.78	-24.39	-103.18	-27.06	-100.51	14.27	52.85	-289.43	-133.68	-102.91	170.44
257	29	5	6.32	-27.84	-73.01	-28.72	-72.13	6.24	435.71	4.52	35.80	404.42	111.86
		301	6.53	-20.17	-77.13	-24.65	-72.66	15.33	467.81	48.73	70.67	445.88	93.33
		302	3.50	-10.90	-76.26	-12.51	-74.64	10.14	100.30	-105.10	-20.06	15.25	101.17
		32	3.58	-18.47	-76.27	-18.79	-75.94	4.31	100.01	-154.77	-70.45	15.68	119.89
257	61	5	6.40	-27.79	-72.91	-28.50	-72.20	5.63	443.53	8.48	39.04	412.96	111.19
		301	6.61	-20.31	-76.84	-24.44	-72.71	14.72	475.40	52.49	73.83	454.07	92.56
		302	3.42	-10.93	-76.13	-12.36	-74.70	9.53	105.51	-99.15	-17.08	23.44	100.31
		32	3.66	-18.39	-76.26	-18.62	-76.02	3.70	106.04	-149.23	-67.41	24.22	119.13
258	2	31	10.84	-50.41	-93.06	-57.08	-86.39	15.49	920.99	115.42	131.73	904.68	113.44
		300	11.90	-35.25	-110.06	-57.43	-87.88	34.17	1031.41	157.92	167.20	1022.14	89.52
		301	7.42	-23.34	-104.27	-34.47	-93.14	27.87	501.60	7.22	47.57	461.25	135.35
		5	7.06	-35.11	-98.66	-40.43	-93.33	17.61	457.12	-53.66	1.82	401.64	158.94

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
258	29	31	8.86	-39.64	-65.83	-41.12	-64.35	6.04	772.92	121.49	131.67	762.74	80.78
		300	9.64	-30.12	-77.65	-41.48	-66.29	20.28	856.53	152.38	157.79	851.12	61.49
		301	6.22	-19.24	-74.88	-23.88	-70.23	15.40	442.85	38.92	62.55	419.22	94.79
		5	5.97	-27.01	-71.01	-28.36	-69.66	7.59	409.34	-5.59	28.44	375.31	113.86
258	61	31	8.89	-39.64	-65.53	-40.87	-64.30	5.50	776.56	124.20	134.29	766.47	80.51
		300	9.67	-30.40	-77.16	-41.25	-66.31	19.74	859.46	154.95	160.27	854.13	60.99
		301	6.25	-19.33	-74.59	-23.67	-70.25	14.86	445.48	41.54	64.81	422.20	94.13
		5	6.01	-26.96	-70.78	-28.12	-69.61	7.05	412.69	-2.85	30.84	379.00	113.42
259	2	44	15.06	-74.50	-78.19	-75.96	-76.72	-1.81	1455.97	262.13	262.39	1455.71	17.61
		308	16.73	-33.10	-125.23	-82.15	-76.17	45.97	1622.28	296.67	296.68	1622.27	3.04
		300	11.66	-40.19	-100.19	-57.42	-82.95	27.15	1029.10	159.60	169.20	1019.50	90.88
		31	10.73	-44.15	-96.65	-56.41	-84.39	22.21	920.86	116.18	134.14	902.90	118.86
259	22	44	12.17	-58.64	-60.19	-59.06	-59.78	0.69	1176.37	176.63	176.91	1176.09	16.85
		308	13.67	-25.48	-99.34	-64.10	-60.72	36.89	1322.89	205.94	205.98	1322.86	6.17
		300	9.77	-30.95	-80.79	-45.62	-66.11	22.72	868.65	104.11	113.13	859.63	82.55
		31	8.85	-33.68	-76.88	-44.69	-65.87	18.82	766.65	66.33	81.89	751.10	103.20
259	54	44	12.14	-58.54	-60.43	-59.11	-59.86	0.87	1171.80	175.21	175.50	1171.52	16.75
		308	13.66	-25.46	-99.67	-64.18	-60.95	37.07	1320.92	205.15	205.19	1320.88	6.27
		300	9.77	-30.97	-81.17	-45.78	-66.36	22.89	866.97	103.58	112.83	857.72	83.50
		31	8.82	-33.65	-77.14	-44.82	-65.97	19.00	762.43	64.92	80.79	746.56	104.01
260	2	299	8.04	6.38	-54.97	-53.52	4.93	9.31	-149.69	-771.32	-151.88	-769.14	-36.76
		310	8.87	6.20	-59.65	-58.74	5.29	7.71	-76.00	-800.76	-78.18	-798.59	-39.62
		308	21.17	10.19	-78.74	-69.43	0.89	27.23	2279.50	465.57	465.86	2279.20	-23.18
		44	20.05	0.88	-67.55	-61.78	-4.89	19.01	2180.92	422.48	422.58	2180.83	13.01
260	24	299	5.22	15.75	-23.67	-17.87	9.96	13.96	-67.47	-477.19	-71.68	-472.98	-41.32
		310	5.77	14.63	-26.32	-21.87	10.18	12.74	-9.62	-494.73	-14.46	-489.88	-48.26
		308	17.25	12.89	-67.08	-55.89	1.69	27.75	1848.50	368.85	369.35	1848.01	-27.02
		44	16.37	5.59	-58.26	-49.98	-2.68	21.44	1767.53	336.15	336.27	1767.41	13.20
260	56	299	5.15	17.03	-22.22	-15.72	10.52	14.60	-63.50	-467.82	-68.01	-463.31	-42.44
		310	5.69	15.79	-24.76	-19.72	10.74	13.38	-5.40	-484.86	-10.64	-479.62	-49.87
		308	17.35	13.38	-67.67	-56.07	1.78	28.39	1858.32	370.13	370.65	1857.80	-27.86
		44	16.46	6.08	-58.83	-50.16	-2.59	22.08	1776.78	337.36	337.48	1776.65	13.27
261	2	21	7.02	6.97	-65.23	-64.95	6.69	-4.49	-182.56	-680.53	-211.15	-651.94	-115.85
		23	5.58	-5.04	-81.39	-81.29	-5.14	2.77	-227.98	-550.45	-237.79	-540.64	55.39
		310	8.76	0.30	-43.14	-41.72	-1.11	7.70	-67.50	-856.81	-67.55	-856.75	-6.39
		299	8.12	7.17	-48.40	-43.85	2.61	15.24	-142.28	-808.06	-142.30	-808.05	3.16
261	35	21	6.52	0.16	-108.08	-106.64	-1.28	-12.41	-122.23	-495.15	-139.86	-477.52	-79.14
		23	5.91	-9.27	-119.33	-118.88	-9.72	-7.01	-149.22	-407.20	-159.53	-396.89	50.54
		310	7.03	0.56	-54.47	-54.27	0.37	-3.25	-57.98	-631.66	-57.99	-631.65	2.20
		299	6.40	2.64	-56.15	-56.05	2.54	2.45	-113.71	-588.59	-113.97	-588.33	11.10
261	67	21	6.66	-0.31	-113.52	-111.94	-1.89	-13.26	-121.12	-492.65	-138.40	-475.37	-78.24
		23	6.08	-9.72	-124.71	-124.17	-10.26	-7.87	-147.63	-406.04	-158.25	-395.42	51.30
		310	7.08	0.76	-56.60	-56.31	0.47	-4.11	-58.43	-630.38	-58.44	-630.37	2.85
		299	6.43	2.58	-58.14	-58.10	2.54	1.59	-114.10	-586.73	-114.39	-586.44	11.74
262	2	304	10.01	-24.98	-157.61	-39.08	-143.51	-40.88	585.93	106.23	135.15	557.01	-114.18
		320	10.10	-5.97	-123.13	-6.63	-122.48	-8.73	634.02	102.11	134.86	601.27	-127.86
		313	47.00	-48.27	-200.87	-123.91	-125.22	-76.30	4908.26	928.10	928.41	4907.96	-34.85
		309	45.45	-105.34	-146.12	-122.43	-129.02	-20.12	4759.61	978.95	979.01	4759.56	14.15
262	26	304	11.82	-18.27	-121.17	-29.08	-110.36	-31.55	914.39	185.90	200.95	899.33	-103.63
		320	11.94	-3.81	-95.39	-4.33	-94.88	-6.85	951.07	184.59	201.04	934.62	-111.07
		313	40.28	-38.07	-155.41	-96.12	-97.36	-58.67	4251.85	831.36	831.66	4251.55	-32.11
		309	39.05	-82.35	-114.05	-96.87	-99.53	-15.79	4136.09	870.28	870.28	4136.09	1.05
262	58	304	12.20	-18.22	-121.43	-29.01	-110.64	-31.58	956.65	195.03	209.75	941.93	-104.84
		320	12.32	-3.75	-95.66	-4.27	-95.14	-6.88	992.99	193.78	209.79	976.98	-111.98
		313	40.66	-38.25	-155.65	-96.24	-97.66	-58.69	4294.60	842.00	842.31	4294.29	-32.57
		309	39.43	-82.59	-114.36	-97.10	-99.85	-15.82	4179.07	880.96	880.96	4179.07	0.16
263	2	303	18.40	-4.80	-129.95	-5.40	-129.35	-8.64	-309.52	-1519.20	-320.30	-1508.42	-113.71
		319	18.02	2.83	-97.65	2.01	-96.83	9.02	-139.43	-1548.38	-155.16	-1532.66	-148.02
		320	10.07	-11.48	-122.16	-14.39	-119.24	-17.73	661.96	114.97	141.62	635.31	-117.76
		304	9.68	-32.16	-139.33	-37.63	-133.86	-23.59	596.99	98.80	133.62	562.17	-127.03
263	17	303	15.37	1.52	-122.67	-4.13	-117.02	-25.88	-243.89	-1202.10	-252.93	-1193.06	-92.64
		319	15.77	-0.91	-111.90	-2.30	-110.52	-12.32	-111.70	-1231.22	-126.76	-1216.16	-128.96
		320	8.73	-13.86	-138.65	-23.14	-129.37	-32.74	482.42	71.15	101.95	451.62	-108.25
		304	7.83	-23.15	-136.31	-37.23	-122.23	-37.35	438.94	57.08	96.25	399.77	-115.86
263	49	303	15.48	2.18	-124.97	-4.16	-118.63	-27.68	-244.32	-1204.60	-253.45	-1195.47	-93.18
		319	15.95	-0.87	-115.61	-2.64	-113.84	-14.12	-112.03	-1234.38	-127.37	-1219.04	-130.30
		320	8.83	-14.21	-142.91	-24.27	-132.85	-34.54	480.57	69.59	101.40	448.76	-109.83
		304	7.88	-22.86	-139.15	-38.02	-124.00	-39.15	437.75	55.39	95.76	397.38	-117.49
264	2	306	21.58	-1.91	-114.01	-1.93	-114.00	1.29	-426.65	-1958.49	-427.06	-1958.08	-24.82
		322	22.20	1.24	-91.42	0.71	-90.89	6.94	-218.75	-2034.65	-218.99	-2034.41	-20.71
		319	17.83	-0.84	-94.54	-0.95	-94.43	3.21	-138.85	-1537.10	-149.55	-1526.40	-121.83
		303	17.99	-6.17	-121.21	-6.50	-120.87	-6.17	-303.57	-1512.88	-316.24	-1500.20	-123.14
264	6	306	17.00	-0.53	-99.95	-1.02	-99.46	-6.94	-346.53	-1503.91	-346.66	-1503.78	-12.23

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		322	18.64	-0.20	-87.25	-0.28	-87.17	-2.59	-189.88	-1667.12	-189.94	-1667.06	-9.38
		319	15.31	-1.11	-90.20	-1.44	-89.88	-5.39	-131.61	-1282.33	-137.50	-1276.43	-82.18
		303	14.27	-2.83	-106.33	-4.39	-104.77	-12.62	-254.78	-1159.55	-262.42	-1151.91	-82.80
264	38	306	17.02	-0.40	-101.20	-0.99	-100.61	-7.67	-347.96	-1502.03	-348.08	-1501.91	-11.53
		322	18.78	-0.21	-88.89	-0.33	-88.76	-3.32	-191.60	-1674.92	-191.65	-1674.87	-8.71
		319	15.44	-1.06	-91.88	-1.47	-91.47	-6.12	-133.64	-1289.97	-139.34	-1284.27	-80.99
		303	14.30	-2.63	-107.64	-4.36	-105.91	-13.35	-256.51	-1157.53	-263.96	-1150.08	-81.58
265	2	307	14.90	-4.42	-107.99	-5.09	-107.32	8.29	-281.21	-1229.73	-289.73	-1221.20	89.52
		49	15.49	-0.53	-90.60	-1.04	-90.09	6.73	-127.74	-1297.32	-139.05	-1286.01	114.49
		322	21.95	1.55	-86.44	1.06	-85.95	6.56	-220.89	-2028.92	-220.90	-2028.91	-3.99
		306	21.38	-0.92	-108.60	-0.93	-108.60	0.49	-426.25	-1958.58	-426.66	-1958.18	-24.92
265	26	307	13.12	-3.13	-83.00	-3.79	-82.34	7.25	-252.47	-1134.02	-260.20	-1126.29	82.19
		49	13.70	-0.54	-69.78	-1.07	-69.24	6.06	-138.51	-1201.75	-148.18	-1192.08	100.95
		322	18.67	1.80	-66.63	1.26	-66.10	6.01	-212.48	-1763.74	-212.48	-1763.74	0.71
		306	18.09	0.10	-83.33	0.08	-83.31	1.32	-366.69	-1693.57	-366.86	-1693.40	-14.88
265	58	307	13.26	-3.10	-83.25	-3.78	-82.57	7.34	-255.32	-1149.24	-263.16	-1141.40	83.36
		49	13.86	-0.52	-70.04	-1.07	-69.49	6.16	-141.70	-1218.21	-151.47	-1208.44	102.06
		322	18.82	1.84	-66.89	1.30	-66.35	6.10	-216.03	-1780.16	-216.03	-1780.16	1.07
		306	18.23	0.17	-83.56	0.14	-83.54	1.42	-369.94	-1708.72	-370.09	-1708.57	-14.49
266	2	305	10.04	-8.67	-106.12	-10.26	-104.53	12.34	-146.75	-686.79	-176.65	-656.89	123.50
		321	10.43	-1.58	-92.39	-2.84	-91.13	10.63	-38.91	-728.17	-76.84	-690.23	157.18
		49	15.33	0.65	-87.54	-0.40	-86.49	9.57	-131.44	-1292.74	-142.48	-1281.70	112.68
		307	14.81	-4.31	-104.06	-4.62	-103.75	5.61	-281.85	-1238.15	-290.66	-1229.33	91.39
266	26	305	9.42	-6.61	-85.40	-8.09	-83.92	10.71	-144.54	-701.80	-170.69	-675.65	117.84
		321	9.86	-1.58	-76.39	-2.78	-75.20	9.39	-64.20	-744.60	-96.52	-712.29	144.72
		49	13.62	0.49	-72.61	-0.55	-71.58	8.64	-134.26	-1177.89	-145.29	-1166.86	106.75
		307	13.07	-3.03	-83.60	-3.41	-83.21	5.58	-247.45	-1124.80	-256.66	-1115.60	89.40
266	58	305	9.57	-6.61	-85.67	-8.12	-84.16	10.84	-147.36	-717.32	-173.76	-690.92	119.79
		321	10.02	-1.63	-76.79	-2.86	-75.57	9.52	-67.25	-761.02	-99.81	-728.45	146.74
		49	13.78	0.49	-73.00	-0.58	-71.94	8.77	-137.20	-1194.25	-148.45	-1183.00	108.47
		307	13.22	-3.00	-83.85	-3.41	-83.44	5.71	-250.18	-1140.25	-259.59	-1130.83	91.04
267	2	302	5.83	-15.60	-106.02	-19.53	-102.08	18.45	67.42	-228.72	-63.45	-97.85	147.07
		318	5.99	-4.05	-98.64	-7.39	-95.29	17.47	122.82	-218.10	-6.11	-89.16	165.33
		321	10.31	-0.74	-89.93	-2.09	-88.57	10.91	-40.56	-724.17	-75.48	-689.24	150.52
		305	10.00	-8.03	-103.52	-9.54	-102.01	11.88	-144.44	-692.37	-178.03	-658.78	131.44
267	26	302	5.84	-12.14	-84.99	-15.73	-81.41	15.76	10.70	-299.52	-79.13	-209.69	140.70
		318	6.08	-3.93	-81.30	-6.93	-78.29	14.94	55.81	-302.67	-36.64	-210.22	156.83
		321	9.45	-0.94	-74.41	-2.33	-73.03	9.98	-53.18	-704.17	-86.32	-671.03	143.09
		305	9.07	-5.96	-82.72	-7.50	-81.19	10.73	-132.17	-671.79	-163.57	-640.39	126.33
267	58	302	5.97	-12.16	-85.26	-15.81	-81.62	15.92	7.27	-311.37	-81.92	-222.19	143.05
		318	6.21	-4.01	-81.74	-7.06	-78.68	15.11	52.50	-315.44	-39.58	-223.37	159.37
		321	9.59	-0.98	-74.83	-2.40	-73.41	10.15	-55.29	-717.74	-88.92	-684.11	145.42
		305	9.20	-5.95	-82.96	-7.52	-81.38	10.90	-134.20	-684.64	-166.03	-652.81	128.47
268	2	301	7.51	-26.38	-105.35	-35.60	-96.13	25.36	502.30	11.15	52.74	460.71	136.74
		317	8.39	-9.55	-110.44	-19.75	-100.24	30.42	566.24	30.80	73.78	523.26	145.48
		318	5.93	-2.61	-96.22	-5.90	-92.93	17.23	121.96	-218.57	-6.78	-89.83	165.13
		302	5.80	-14.93	-103.91	-19.08	-99.76	18.75	68.20	-230.30	-63.67	-98.43	148.24
268	29	301	6.53	-21.02	-76.34	-24.83	-72.53	14.01	464.78	43.27	64.56	443.49	92.31
		317	7.13	-7.44	-78.08	-12.19	-73.33	17.70	513.67	58.35	79.67	492.35	96.19
		318	3.48	-1.71	-68.72	-2.60	-67.83	7.67	127.40	-95.35	12.33	19.72	111.31
		302	3.46	-11.85	-76.57	-13.10	-75.32	8.90	93.87	-113.13	-31.64	12.37	101.13
268	61	301	6.60	-21.09	-76.13	-24.63	-72.59	13.52	472.03	46.25	66.79	451.48	91.25
		317	7.19	-7.46	-77.69	-11.96	-73.18	17.21	520.85	61.30	81.79	500.36	94.85
		318	3.39	-1.66	-68.48	-2.44	-67.70	7.18	130.98	-89.42	13.94	27.62	109.99
		302	3.37	-11.86	-76.50	-12.97	-75.39	8.41	98.32	-108.10	-30.04	20.26	100.10
269	2	300	11.69	-41.67	-98.37	-56.23	-83.81	24.77	1029.79	160.86	170.98	1019.67	93.25
		316	13.65	-20.39	-131.74	-54.37	-97.77	51.27	1161.08	171.51	178.40	1154.18	82.32
		317	8.41	-5.58	-108.01	-15.15	-98.44	29.81	567.40	28.31	71.32	524.39	146.06
		301	7.38	-26.69	-104.80	-37.71	-93.79	27.19	501.99	12.05	53.69	460.35	136.63
269	22	300	8.68	-32.07	-79.83	-45.85	-66.04	21.64	754.52	96.96	110.57	740.90	93.65
		316	11.11	-16.93	-107.13	-44.69	-79.37	41.63	948.15	110.12	119.51	938.76	88.19
		317	7.14	-5.08	-87.94	-13.60	-79.42	25.16	498.18	-3.96	40.47	453.75	142.59
		301	5.38	-20.11	-83.64	-30.33	-73.42	23.34	363.65	-25.99	25.89	311.77	132.38
269	54	300	8.69	-32.07	-80.22	-46.10	-66.19	21.88	755.57	94.96	109.08	741.46	95.53
		316	11.10	-17.02	-107.68	-44.99	-79.72	41.87	947.01	108.61	118.48	937.15	90.41
		317	7.14	-5.14	-88.40	-13.79	-79.75	25.41	498.11	-6.31	39.75	452.05	145.29
		301	5.40	-20.07	-83.94	-30.48	-73.54	23.58	365.69	-28.38	24.87	312.43	134.73
270	2	308	15.89	-63.96	-85.84	-82.81	-66.99	7.56	1601.42	300.13	300.17	1601.38	6.93
		312	19.73	-26.51	-156.92	-93.39	-90.04	65.19	1872.77	316.90	317.22	1872.45	-22.31
		316	12.81	-25.93	-106.93	-51.67	-81.18	37.72	1148.65	172.64	179.49	1141.80	81.47
		300	11.96	-34.99	-111.97	-58.00	-88.97	35.24	1035.15	166.30	175.72	1025.72	90.00
270	22	308	13.02	-49.85	-67.85	-64.04	-53.66	7.35	1307.73	215.95	216.03	1307.65	9.31
		312	16.02	-18.62	-120.71	-71.85	-67.48	51.00	1547.83	261.55	261.66	1547.73	-11.81

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		316	10.73	-19.78	-83.11	-41.63	-61.26	30.11	993.60	146.13	153.65	986.08	79.47
		300	9.98	-28.61	-89.79	-47.42	-70.97	28.24	874.70	113.90	123.42	865.18	84.55
270	54	308	13.01	-49.93	-68.00	-64.06	-53.88	7.47	1305.89	216.53	216.61	1305.80	9.55
		312	16.04	-18.44	-120.77	-71.80	-67.41	51.12	1550.63	260.69	260.79	1550.53	-11.32
		316	10.75	-19.80	-83.29	-41.84	-61.25	30.23	996.79	145.09	152.86	989.01	80.98
		300	9.97	-28.77	-90.16	-47.70	-71.23	28.35	873.31	114.34	124.18	863.47	85.86
271	2	310	8.88	6.29	-59.60	-58.75	5.44	7.44	-69.63	-797.68	-72.23	-795.09	-43.42
		72	10.37	16.10	-70.07	-70.01	16.04	2.24	-106.80	-908.44	-106.80	-908.44	-1.74
		312	22.24	22.91	-96.17	-82.96	9.70	37.40	2371.24	534.26	540.10	2365.39	-103.45
		308	21.24	9.99	-78.18	-68.94	0.75	27.00	2284.47	458.72	458.93	2284.26	-19.87
271	24	310	5.88	15.12	-27.71	-22.74	10.14	13.72	2.01	-493.19	-4.89	-486.28	-58.07
		72	6.70	19.85	-33.23	-31.37	17.99	9.76	-27.79	-557.50	-29.62	-555.67	-31.13
		312	18.19	23.31	-81.43	-66.42	8.30	36.70	1937.04	428.61	434.22	1931.43	-91.80
		308	17.30	13.62	-67.53	-55.58	1.67	28.76	1854.05	371.30	371.69	1853.66	-24.08
271	56	310	5.81	16.35	-26.32	-20.66	10.69	14.47	6.87	-483.49	-0.68	-475.94	-60.38
		72	6.60	20.72	-31.51	-29.30	18.51	10.51	-22.93	-545.98	-25.12	-543.79	-33.78
		312	18.30	23.87	-82.08	-66.58	8.37	37.44	1948.64	430.83	436.55	1942.92	-92.99
		308	17.40	14.21	-68.18	-55.74	1.77	29.50	1864.03	373.36	373.78	1863.62	-24.91
272	2	23	5.67	-4.98	-81.57	-81.33	-5.22	4.25	-222.82	-551.24	-241.51	-532.56	76.08
		25	8.65	7.66	-62.54	-61.14	6.27	9.79	-110.68	-864.36	-199.58	-775.46	243.10
		72	9.47	12.03	-54.70	-54.42	11.75	-4.35	-134.53	-888.79	-134.90	-888.43	-16.59
		310	8.87	-0.36	-42.63	-41.75	-1.24	6.03	-59.48	-864.83	-59.72	-864.59	-13.88
272	31	23	5.67	-8.92	-115.74	-115.42	-9.24	-5.85	-162.33	-404.63	-171.08	-395.88	45.21
		25	7.75	-1.11	-100.37	-100.34	-1.14	-1.77	-79.20	-630.05	-138.43	-570.82	170.63
		72	7.41	10.78	-65.39	-63.33	8.72	-12.38	-120.12	-649.95	-120.24	-649.83	-8.00
		310	7.10	0.78	-53.76	-53.38	0.41	-4.50	-64.46	-645.08	-64.46	-645.08	-1.23
272	63	23	5.82	-9.33	-120.80	-120.39	-9.73	-6.70	-162.45	-403.10	-170.81	-394.74	44.06
		25	7.87	-1.64	-105.41	-105.34	-1.70	-2.62	-79.25	-626.90	-137.81	-568.34	169.24
		72	7.44	10.99	-67.59	-65.30	8.70	-13.23	-121.61	-647.88	-121.72	-647.78	-7.34
		310	7.14	1.03	-55.84	-55.33	0.52	-5.35	-66.17	-644.35	-66.17	-644.35	-0.33
273	2	320	11.94	5.39	-176.65	-6.52	-164.74	-45.01	612.01	-8.55	24.03	579.44	-138.40
		315	12.29	87.50	-35.70	59.96	-8.16	51.33	892.84	-29.88	108.71	754.25	-329.65
		42	53.67	-33.08	-259.04	-107.21	-184.91	-106.09	4972.77	50.17	52.64	4970.30	110.25
		313	45.25	-63.29	-153.27	-127.77	-88.79	-40.55	4936.09	1113.48	1113.49	4936.09	1.65
273	14	320	11.37	14.88	-171.89	-2.81	-154.21	-54.68	556.51	11.85	28.87	539.48	-94.79
		315	12.56	39.36	-93.79	36.61	-91.05	18.92	861.64	33.82	111.09	784.36	-240.83
		42	46.38	-46.82	-284.99	-103.53	-228.28	-101.44	4029.56	65.34	67.37	4027.53	89.69
		313	36.84	-51.67	-155.16	-107.95	-98.88	-51.55	3891.45	870.07	870.08	3891.44	5.22
273	46	320	11.58	15.91	-175.35	-2.62	-156.82	-56.58	564.26	13.28	29.74	547.80	-93.79
		315	12.92	37.86	-101.07	35.74	-98.95	17.02	877.85	38.25	113.48	802.62	-239.80
		42	46.85	-48.64	-293.28	-105.51	-236.41	-103.34	4047.85	67.78	69.82	4045.81	90.14
		313	37.03	-51.72	-158.86	-108.87	-101.71	-53.45	3899.85	871.31	871.32	3899.84	5.58
274	2	319	18.24	-4.43	-98.07	-4.44	-98.06	-0.97	-132.88	-1566.97	-149.26	-1550.60	-152.37
		314	18.00	4.61	-54.62	3.98	-53.98	6.10	98.70	-1604.12	69.46	-1574.89	-221.20
		315	8.09	-6.41	-47.51	-6.47	-47.45	-1.55	695.68	54.50	87.15	663.02	-140.96
		320	10.87	-2.75	-115.73	-3.02	-115.46	-5.49	747.32	43.18	135.36	655.14	-237.51
274	17	319	15.84	-3.79	-111.86	-4.70	-110.95	-9.87	-108.37	-1242.49	-121.58	-1229.28	-121.69
		314	16.11	-0.24	-88.22	-0.47	-87.99	-4.49	68.71	-1278.83	45.70	-1255.81	-174.61
		315	7.47	-3.56	-83.49	-4.92	-82.14	-10.33	496.58	37.17	67.36	466.39	-113.84
		320	9.28	0.80	-125.08	-0.61	-123.66	-13.28	555.86	17.86	105.64	468.09	-198.79
274	49	319	16.00	-3.78	-115.27	-4.82	-114.23	-10.72	-108.90	-1245.43	-122.19	-1232.14	-122.19
		314	16.32	-0.47	-92.54	-0.79	-92.23	-5.35	68.10	-1282.61	44.99	-1259.49	-175.19
		315	7.59	-3.45	-87.82	-4.95	-86.31	-11.18	493.61	36.39	67.14	462.86	-114.52
		320	9.37	1.10	-128.44	-0.46	-126.88	-14.13	554.66	16.31	105.57	465.39	-200.22
275	2	322	22.34	-0.38	-90.27	-0.45	-90.20	2.56	-200.45	-2045.84	-200.50	-2045.79	9.54
		311	23.05	-0.29	-62.05	-0.40	-61.94	2.59	50.16	-2119.15	48.90	-2117.89	-52.28
		314	17.69	0.52	-50.70	0.35	-50.53	2.97	93.84	-1584.30	90.20	-1580.66	-78.06
		319	18.11	0.55	-93.49	0.51	-93.45	1.75	-120.79	-1565.14	-149.86	-1536.06	-202.85
275	6	322	18.79	-0.57	-86.52	-0.58	-86.51	-1.05	-159.70	-1672.62	-159.82	-1672.50	13.19
		311	19.55	-0.93	-66.58	-0.94	-66.57	-1.01	29.72	-1745.55	29.01	-1744.84	-35.44
		314	15.41	0.86	-57.56	0.85	-57.55	-0.71	55.17	-1335.03	53.21	-1333.08	-52.08
		319	15.51	1.26	-88.82	1.23	-88.79	-1.61	-109.71	-1300.31	-128.12	-1281.90	-146.91
275	38	322	18.92	-0.58	-88.12	-0.60	-88.10	-1.32	-160.00	-1680.14	-160.12	-1680.02	13.77
		311	19.70	-0.95	-68.24	-0.98	-68.21	-1.28	29.10	-1754.57	28.42	-1753.88	-34.96
		314	15.55	0.91	-59.19	0.90	-59.18	-0.98	53.67	-1344.18	51.79	-1342.30	-51.26
		319	15.64	1.34	-90.39	1.30	-90.35	-1.88	-111.17	-1307.68	-129.25	-1289.60	-145.96
276	2	49	15.71	-0.82	-89.92	-1.06	-89.68	4.66	-96.80	-1312.65	-120.29	-1289.15	167.39
		30	15.55	-0.60	-64.54	-0.62	-64.52	1.02	8.24	-1349.43	-0.19	-1341.00	106.67
		311	23.02	1.04	-56.54	0.91	-56.40	2.76	93.28	-2112.05	91.80	-2110.56	57.13
		322	22.09	0.92	-85.41	0.89	-85.37	1.82	-221.24	-2047.10	-221.56	-2046.78	-24.19
276	26	49	13.93	-0.43	-69.15	-0.66	-68.93	3.91	-88.94	-1207.28	-106.72	-1189.50	139.90
		30	13.92	-0.42	-49.54	-0.45	-49.51	1.19	-10.67	-1250.35	-17.67	-1243.34	92.90
		311	19.65	0.89	-43.45	0.74	-43.30	2.53	52.97	-1836.73	51.82	-1835.58	46.55

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		322	18.83	0.85	-65.68	0.80	-65.63	1.79	-185.80	-1772.73	-185.95	-1772.58	-15.60
276	58	49	14.08	-0.42	-69.41	-0.65	-69.18	3.95	-89.91	-1223.22	-107.68	-1205.44	140.82
		30	14.09	-0.41	-49.80	-0.44	-49.77	1.23	-11.89	-1267.41	-18.92	-1260.38	93.67
		311	19.81	0.90	-43.71	0.75	-43.56	2.58	51.27	-1853.86	50.13	-1852.72	46.62
		322	18.99	0.86	-65.93	0.81	-65.88	1.83	-187.21	-1788.77	-187.36	-1788.62	-15.32
277	2	321	10.62	-2.12	-92.11	-2.60	-91.63	6.56	-5.20	-745.21	-61.78	-688.63	196.65
		53	9.86	0.85	-64.22	0.81	-64.18	1.56	33.57	-752.25	-2.79	-715.90	165.06
		30	15.69	0.39	-60.48	0.25	-60.34	2.84	69.78	-1346.87	55.72	-1332.81	140.44
		49	15.44	-0.38	-86.10	-0.43	-86.04	2.22	-130.08	-1315.03	-148.76	-1296.34	147.61
277	26	321	10.03	-1.53	-75.85	-1.94	-75.44	5.51	-18.14	-750.67	-62.06	-706.75	173.91
		53	9.63	0.57	-55.39	0.51	-55.34	1.81	11.42	-772.68	-19.79	-741.47	153.28
		30	14.11	0.15	-52.61	3.29e-03	-52.46	2.80	44.50	-1228.35	31.07	-1214.92	130.07
		49	13.75	-0.23	-71.23	-0.30	-71.16	2.23	-106.87	-1189.45	-123.18	-1173.13	131.88
277	58	321	10.20	-1.52	-76.22	-1.94	-75.80	5.57	-19.32	-766.49	-63.28	-722.53	175.82
		53	9.80	0.56	-55.80	0.50	-55.74	1.87	10.13	-789.86	-21.28	-758.44	155.38
		30	14.29	0.14	-53.02	-0.01	-52.86	2.86	43.60	-1245.44	29.98	-1231.83	131.79
		49	13.92	-0.23	-71.59	-0.30	-71.52	2.29	-107.52	-1205.31	-123.98	-1188.85	133.41
278	2	318	6.40	-4.30	-98.86	-6.00	-97.16	12.56	173.64	-265.56	-4.49	-87.43	215.65
		54	4.50	0.85	-68.17	0.81	-68.14	1.46	130.69	-205.90	3.10	-78.32	163.29
		53	9.75	0.81	-61.43	0.77	-61.39	1.61	41.20	-746.71	8.19	-713.71	157.84
		321	10.56	-1.28	-89.19	-1.71	-88.75	6.16	-9.70	-752.92	-70.08	-692.53	203.06
278	26	318	6.36	-3.22	-80.85	-4.62	-79.44	10.33	104.95	-327.46	-17.14	-205.37	194.64
		54	5.12	0.27	-59.01	0.20	-58.94	2.02	76.47	-296.66	-13.16	-207.04	159.40
		53	9.22	0.24	-54.00	0.15	-53.92	2.16	31.00	-726.35	-1.11	-694.24	152.61
		321	9.67	-0.90	-73.43	-1.32	-73.01	5.51	-9.13	-719.64	-59.50	-669.28	182.34
278	58	318	6.49	-3.22	-81.23	-4.63	-79.81	10.42	102.72	-339.25	-18.35	-218.18	197.11
		54	5.26	0.23	-59.50	0.16	-59.43	2.11	74.59	-309.80	-14.55	-220.65	162.23
		53	9.37	0.21	-54.50	0.11	-54.41	2.24	30.84	-740.33	-1.77	-707.73	155.19
		321	9.81	-0.90	-73.81	-1.33	-73.37	5.60	-9.33	-732.60	-59.96	-681.96	184.55
279	2	317	8.88	-8.21	-113.25	-15.24	-106.22	26.25	599.86	5.48	72.91	532.42	188.51
		50	9.09	1.16	-80.31	1.06	-80.21	2.83	617.49	-31.14	3.22	583.13	145.28
		54	4.41	1.85	-64.60	1.83	-64.58	1.15	130.54	-206.63	3.90	-79.99	163.28
		318	6.35	-3.57	-96.43	-5.22	-94.78	12.27	173.76	-268.12	-5.79	-88.57	217.03
279	29	317	7.47	-6.86	-82.34	-10.98	-78.23	17.13	532.08	31.82	67.23	496.67	128.29
		50	7.50	2.01	-54.75	2.01	-54.74	-0.55	554.51	-0.68	14.43	539.41	90.31
		54	2.74	2.60	-43.18	2.53	-43.11	-1.78	122.83	-88.09	6.78	27.97	104.92
		318	3.90	-2.73	-70.07	-3.37	-69.43	6.54	159.41	-143.18	-1.43	17.66	150.99
279	61	317	7.54	-6.92	-82.14	-10.93	-78.13	16.90	538.65	34.06	68.27	504.45	126.85
		50	7.55	2.10	-54.40	2.09	-54.39	-0.78	561.82	1.20	15.54	547.48	88.51
		54	2.78	2.71	-42.85	2.63	-42.76	-2.01	125.60	-82.88	6.86	35.86	103.23
		318	3.82	-2.72	-69.92	-3.32	-69.33	6.31	162.16	-138.31	-1.41	25.27	149.64
280	2	316	14.32	-13.29	-135.18	-41.81	-106.66	51.60	1188.89	169.53	179.63	1178.80	100.94
		48	17.38	-3.78	-124.64	-6.19	-122.23	16.89	1322.64	-1.15	5.56	1315.92	94.04
		50	8.94	6.19	-74.10	6.18	-74.10	0.57	613.49	-28.51	5.30	579.68	143.39
		317	8.84	-8.89	-114.00	-16.45	-106.45	27.15	599.02	1.21	70.96	529.26	191.92
280	28	316	11.52	-7.74	-108.61	-32.62	-83.73	43.48	963.99	111.62	123.89	951.72	101.52
		48	14.36	-4.80	-109.33	-7.65	-106.47	17.04	1072.60	-19.10	-8.81	1062.31	105.50
		50	7.84	2.40	-70.59	2.08	-70.28	4.76	535.80	-29.29	10.62	495.89	144.78
		317	7.27	-5.13	-91.04	-13.04	-83.14	24.83	516.92	-5.91	59.39	451.62	172.84
280	60	316	11.51	-7.52	-109.14	-32.70	-83.95	43.87	962.54	109.80	122.60	949.74	103.69
		48	14.38	-4.94	-110.48	-7.90	-107.52	17.43	1070.40	-20.84	-9.94	1059.50	108.51
		50	7.86	2.22	-71.68	1.86	-71.32	5.15	534.57	-31.23	10.48	492.86	147.85
		317	7.26	-4.98	-91.47	-13.09	-83.35	25.22	516.36	-7.80	59.25	449.31	175.07
281	2	312	17.78	23.02	-97.71	-97.62	22.93	3.23	1735.98	366.27	366.40	1735.86	12.99
		39	35.98	-35.45	-406.89	-134.36	-307.97	164.18	2457.65	59.75	68.84	2448.56	-147.39
		48	17.80	49.17	-103.75	48.13	-102.70	-12.62	1311.72	1.80	7.24	1306.28	84.23
		316	15.46	-12.07	-192.41	-76.08	-128.40	86.29	1189.94	186.63	191.59	1184.99	70.34
281	28	312	14.79	19.91	-79.36	-78.14	18.70	10.91	1431.46	269.65	269.67	1431.44	4.70
		39	30.03	-33.35	-337.23	-110.77	-259.81	132.41	2061.94	58.62	64.54	2056.03	-108.71
		48	16.08	31.19	-103.93	31.17	-103.90	-1.95	1186.27	20.36	27.24	1179.40	89.25
		316	12.67	-0.43	-151.96	-57.42	-94.97	73.41	1015.82	147.35	153.25	1009.92	71.38
281	60	312	14.83	20.24	-79.76	-78.39	18.87	11.62	1433.39	269.07	269.09	1433.38	4.58
		39	30.21	-33.85	-339.66	-111.53	-261.98	133.12	2071.95	58.26	64.14	2066.07	-108.67
		48	16.24	30.68	-106.01	30.67	-106.00	-1.24	1196.94	21.41	28.57	1189.77	91.51
		316	12.69	0.35	-152.51	-57.41	-94.75	74.11	1018.37	146.70	152.85	1012.22	72.96
282	2	72	11.41	19.48	-72.29	-72.19	19.37	3.10	-101.23	-995.17	-101.23	-995.17	1.14
		243	10.63	27.14	-74.84	-74.55	26.85	-5.37	-403.18	-1065.75	-473.03	-995.90	203.47
		39	21.02	46.40	-139.56	-122.99	29.83	52.98	2149.78	642.29	659.27	2132.80	-159.08
		312	23.01	19.66	-92.47	-78.52	5.71	37.01	2507.91	606.61	612.89	2501.63	-109.07
282	24	72	7.49	22.81	-37.77	-35.09	20.13	12.45	-31.61	-623.66	-32.38	-622.89	-21.23
		243	6.71	27.08	-37.44	-36.88	26.52	5.98	-261.11	-678.21	-313.82	-625.50	138.59
		39	17.13	42.50	-115.75	-97.44	24.19	50.62	1776.43	563.55	579.76	1760.23	-139.25
		312	18.66	22.26	-80.79	-63.63	5.09	38.40	2053.68	541.80	549.09	2046.38	-104.78

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
282	56	72	7.40	23.76	-36.36	-33.21	20.62	13.38	-27.29	-612.01	-28.20	-611.09	-23.10
		243	6.59	27.82	-35.75	-34.99	27.06	6.91	-256.70	-666.89	-309.66	-613.92	137.55
		39	17.23	43.17	-116.55	-97.68	24.31	51.55	1788.93	570.80	587.16	1772.57	-140.22
		312	18.76	22.96	-81.69	-63.88	5.14	39.33	2066.49	549.00	556.53	2058.95	-106.68
283	1	25	9.21	11.59	-51.96	-50.30	9.93	10.14	-56.34	-900.96	-153.53	-803.77	269.53
		26	15.75	40.29	-9.04	-7.90	39.15	7.43	-148.44	-1544.23	-168.24	-1524.43	165.05
		243	7.21	30.22	-83.80	-83.80	30.22	-0.23	-340.32	-647.36	-368.42	-619.27	-88.53
		72	9.09	12.91	-60.38	-59.92	12.45	-5.79	-148.01	-842.70	-149.78	-840.93	-35.02
283	31	25	7.99	2.01	-88.21	-88.21	2.01	-0.47	-36.17	-651.32	-100.80	-586.70	188.62
		26	12.45	23.64	-54.59	-54.50	23.55	-2.58	-89.44	-1125.92	-100.46	-1114.90	106.31
		243	5.82	23.42	-84.72	-83.96	22.66	-9.05	-284.50	-490.10	-313.65	-460.95	-71.71
		72	7.33	12.73	-67.26	-64.94	10.41	-13.42	-142.97	-651.70	-145.39	-649.28	-34.96
283	63	25	8.10	1.50	-92.75	-92.74	1.49	-1.28	-35.29	-647.68	-98.80	-584.16	186.71
		26	12.51	23.07	-59.19	-59.05	22.93	-3.39	-87.67	-1121.35	-98.30	-1110.72	104.28
		243	5.91	23.50	-86.62	-85.73	22.61	-9.86	-285.27	-487.87	-315.89	-457.25	-72.57
		72	7.35	13.03	-69.24	-66.70	10.50	-14.23	-145.20	-649.85	-147.80	-647.25	-36.11
284	3	274	8.43	44.12	-171.32	-141.60	14.39	-74.30	440.87	-145.35	399.39	-103.87	-150.32
		324	6.58	-10.23	-126.74	-123.28	-13.70	-19.79	136.06	-528.64	-137.59	-254.99	-327.13
		323	8.19	-23.18	-130.50	-113.26	-40.43	-39.41	-266.76	-1131.05	-267.55	-1130.26	-26.10
		275	16.10	27.62	-16.39	-16.39	27.62	-0.12	-323.18	-2388.24	-323.64	-2387.78	30.88
284	17	274	6.03	44.01	-106.24	-84.51	22.28	-52.84	264.77	-119.05	259.89	-114.17	-43.01
		324	4.24	3.61	-77.62	-70.12	-3.89	-23.52	88.72	-278.52	-68.63	-121.17	-181.73
		323	4.17	-0.74	-68.38	-50.33	-18.78	-29.92	-126.49	-556.40	-126.55	-556.34	-5.06
		275	10.06	41.34	-1.96	6.84	32.53	-17.43	-179.07	-1421.17	-184.04	-1416.20	78.43
284	49	274	6.15	46.20	-107.95	-85.16	23.41	-54.71	258.61	-138.09	253.55	-133.03	-44.50
		324	4.37	5.34	-79.30	-70.84	-3.12	-25.39	77.61	-293.20	-75.06	-140.53	-182.49
		323	4.30	1.40	-70.15	-50.78	-17.97	-31.79	-131.89	-575.58	-131.97	-575.50	-6.10
		275	10.23	43.70	-3.55	6.45	33.70	-19.30	-184.65	-1439.57	-189.36	-1434.85	76.77
285	3	273	13.28	30.72	-215.09	-205.07	20.70	-48.60	1255.35	1035.12	1236.80	1053.67	-61.16
		325	9.16	6.58	-161.07	-160.41	5.91	-10.51	643.86	-170.15	-65.28	539.00	-272.70
		324	7.87	3.27	-142.41	-130.99	-8.15	-39.16	162.05	-532.61	-154.66	-215.90	-345.98
		274	8.69	32.23	-143.13	-134.41	23.51	-38.11	476.61	-150.06	467.18	-140.63	-76.32
285	26	273	8.51	34.22	-121.06	-120.03	33.19	-12.64	942.40	729.07	867.17	804.30	-101.93
		325	6.86	19.03	-91.67	-91.05	18.41	8.28	721.28	1.08	78.87	643.49	-223.55
		324	4.42	15.02	-55.42	-53.99	13.59	-9.93	388.87	-91.48	44.18	253.21	-216.24
		274	4.91	39.72	-59.40	-58.69	39.01	-8.34	412.71	119.61	406.34	125.99	-42.75
285	58	273	8.51	36.07	-120.54	-119.57	35.10	-12.31	950.56	728.75	869.31	810.00	-106.86
		325	6.97	20.89	-91.28	-90.61	20.22	8.62	735.63	2.98	82.38	656.23	-227.74
		324	4.48	16.89	-54.07	-52.75	15.57	-9.59	401.75	-86.72	48.85	266.18	-218.73
		274	4.91	41.73	-58.08	-57.43	41.09	-8.01	417.00	124.53	409.60	131.93	-45.93
286	3	259	15.95	20.39	-223.01	-222.68	20.06	-8.97	1647.01	1513.59	1647.01	1513.59	-0.19
		326	10.67	16.72	-175.75	-174.89	15.86	12.85	903.47	0.16	5.13	898.51	-66.81
		325	9.77	18.04	-162.80	-159.02	14.26	-25.87	658.94	-170.88	-57.88	545.95	-284.60
		273	13.28	25.85	-208.08	-206.68	24.46	-17.99	1249.43	1041.40	1247.93	1042.89	-17.57
286	33	259	10.77	3.05	-145.91	-145.07	2.21	-11.15	1134.07	1052.23	1128.20	1058.10	21.11
		326	6.73	-6.89	-115.60	-115.60	-6.89	-0.40	708.68	91.33	92.56	707.45	-27.49
		325	6.51	-0.70	-109.00	-103.09	-6.60	-24.59	575.08	-11.22	25.92	537.94	-142.83
		273	8.80	8.32	-135.53	-133.43	6.23	-17.23	856.26	753.76	836.51	773.51	40.43
286	65	259	10.81	2.67	-146.26	-145.12	1.53	-12.98	1140.99	1051.58	1131.23	1061.33	27.88
		326	6.70	-7.71	-115.72	-115.67	-7.75	-2.23	709.04	94.27	95.12	708.19	-22.87
		325	6.54	-0.81	-110.63	-103.86	-7.58	-26.41	573.52	-10.23	24.87	538.42	-138.78
		273	8.85	7.98	-136.72	-134.17	5.43	-19.06	861.26	750.51	835.75	776.01	46.63
287	3	260	14.81	24.03	-202.54	-199.33	20.81	26.81	1563.10	1353.14	1559.61	1356.62	26.83
		327	10.48	20.88	-169.21	-162.40	14.07	35.31	848.12	-15.39	13.89	818.84	156.29
		326	10.86	25.24	-171.25	-171.25	25.24	0.82	908.42	5.14	11.99	901.57	-78.36
		259	15.99	22.65	-226.30	-225.43	21.79	14.64	1647.74	1494.52	1640.66	1501.60	32.18
287	22	260	10.64	28.54	-154.66	-145.99	19.88	38.89	1072.72	828.72	1009.24	892.21	-107.05
		327	7.32	22.57	-136.05	-124.93	11.46	40.49	529.58	10.56	10.57	529.57	1.73
		326	7.35	25.49	-118.08	-115.16	22.57	20.27	655.16	15.59	47.56	623.19	-139.37
		259	10.93	30.15	-154.18	-148.45	24.42	31.98	1140.11	927.60	1079.11	988.61	-96.14
287	54	260	10.68	29.77	-155.64	-146.72	20.85	39.68	1075.04	821.72	1006.90	889.86	-112.33
		327	7.36	23.94	-137.03	-125.63	12.55	41.28	524.18	7.64	7.65	524.16	-2.58
		326	7.37	26.88	-118.51	-115.39	23.76	21.06	652.48	11.55	45.96	618.07	-144.47
		259	10.96	31.46	-154.66	-148.70	25.50	32.77	1144.26	920.32	1078.03	986.55	-102.20
288	3	218	12.50	28.98	-175.87	-169.60	22.71	35.29	1299.05	1027.52	1292.92	1033.65	40.34
		328	9.80	23.93	-161.98	-149.40	11.35	46.69	683.87	-86.98	-4.24	601.13	238.61
		327	10.17	25.40	-161.24	-158.45	22.61	22.67	822.85	-6.17	19.83	796.85	144.48
		260	14.67	28.96	-210.25	-200.79	19.50	46.63	1516.50	1302.60	1507.42	1311.68	43.12
288	22	218	9.33	27.73	-144.49	-133.91	17.15	41.35	861.95	630.18	827.25	664.88	-82.69
		328	6.84	20.50	-139.94	-125.59	6.15	45.79	341.04	-38.39	-26.71	329.36	65.53
		327	6.93	21.97	-129.99	-123.31	15.29	31.15	471.64	5.88	5.88	471.64	1.16
		260	10.62	32.25	-161.00	-146.37	17.63	51.11	1016.21	801.84	972.85	845.21	-86.11
288	54	218	9.38	28.67	-145.75	-134.94	17.86	42.06	861.26	623.32	824.05	660.53	-86.43

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		328	6.87	21.60	-141.17	-126.58	7.01	46.49	330.35	-41.78	-30.97	319.54	62.51
		327	6.95	23.10	-130.94	-124.04	16.20	31.86	461.94	2.15	2.16	461.93	-2.55
		260	10.67	33.27	-162.02	-147.14	18.39	51.82	1016.80	794.36	970.17	840.98	-90.54
289	3	217	10.13	35.62	-151.53	-139.52	23.61	45.86	978.01	604.68	972.34	610.35	45.66
		329	8.72	21.01	-146.64	-131.42	5.80	48.16	490.84	-200.70	-34.36	324.49	295.57
		328	9.39	22.75	-152.25	-145.40	15.90	33.95	681.98	-84.09	-3.21	601.09	235.42
		218	12.76	37.76	-187.24	-173.79	24.31	53.33	1297.41	1023.93	1289.06	1032.27	47.04
289	28	217	8.03	28.65	-135.75	-119.06	11.95	49.66	615.25	343.53	598.81	359.98	-64.80
		329	6.36	14.17	-139.25	-122.36	-2.72	48.02	147.57	-134.70	-79.43	92.30	112.01
		328	6.46	17.59	-132.67	-121.20	6.13	39.89	296.77	-58.39	-46.16	284.54	64.76
		218	9.60	35.16	-154.40	-134.26	15.03	58.40	834.05	607.60	807.64	634.01	-72.68
289	60	217	8.09	29.45	-137.41	-120.23	12.28	50.70	611.29	335.30	593.79	352.80	-67.27
		329	6.41	15.15	-140.86	-123.50	-2.21	49.06	133.47	-140.93	-85.78	78.32	109.96
		328	6.48	18.62	-133.93	-122.02	6.71	40.93	282.07	-63.72	-52.26	270.61	61.91
		218	9.64	36.06	-155.76	-135.11	15.42	59.45	831.12	598.64	802.87	626.89	-75.96
290	3	215	7.82	41.18	-114.47	-97.82	24.52	48.11	591.52	34.56	588.30	37.78	42.20
		330	7.45	13.83	-131.25	-115.60	-1.82	45.00	259.07	-351.47	-75.76	-16.64	303.84
		329	8.32	19.30	-139.06	-129.12	9.37	38.40	487.47	-199.34	-34.04	322.17	293.61
		217	10.35	45.67	-160.10	-140.68	26.26	60.15	976.05	604.29	968.58	611.76	52.17
290	32	215	6.65	27.51	-119.71	-100.27	8.07	49.84	332.37	-36.49	329.68	-33.80	-31.39
		330	6.22	5.48	-140.06	-124.21	-10.37	45.34	-6.68	-301.15	-135.96	-171.86	146.14
		329	6.24	12.65	-134.80	-121.14	-1.00	42.74	120.65	-168.10	-103.47	56.02	120.35
		217	8.23	37.48	-145.60	-120.50	12.37	62.98	582.30	328.66	574.11	336.86	-44.86
290	64	215	6.72	28.23	-121.94	-101.86	8.15	51.10	325.58	-45.63	322.98	-43.03	-30.97
		330	6.33	6.41	-142.18	-125.76	-10.02	46.60	-18.61	-314.43	-144.19	-188.84	146.22
		329	6.31	13.65	-136.56	-122.33	-0.59	44.00	104.62	-177.73	-112.08	38.97	119.27
		217	8.29	38.32	-147.51	-121.72	12.53	64.24	575.49	319.08	567.01	327.56	-45.85
291	3	216	7.68	38.28	-64.77	-48.78	22.30	37.31	179.64	-721.15	179.64	-721.14	1.09
		331	6.15	3.43	-117.45	-106.24	-7.77	35.05	18.60	-523.11	-127.37	-377.14	240.35
		330	7.03	12.23	-123.91	-113.17	1.49	36.70	256.11	-352.76	-75.33	-21.33	303.23
		215	8.06	51.55	-122.84	-98.54	27.25	60.39	587.85	37.39	583.57	41.67	48.33
291	36	216	6.22	15.04	-89.40	-77.86	3.50	32.75	74.47	-522.61	72.13	-520.26	-37.33
		331	5.92	-6.23	-140.90	-131.86	-15.27	33.69	-109.69	-465.60	-167.87	-407.42	131.62
		330	5.82	2.52	-132.34	-122.16	-7.66	35.63	-4.05	-304.10	-133.63	-174.52	148.63
		215	6.78	33.82	-124.21	-100.63	10.25	56.30	327.91	-37.66	327.36	-37.11	-14.17
291	68	216	6.31	15.44	-91.80	-79.88	3.52	33.71	68.53	-531.72	66.51	-529.71	-34.71
		331	6.04	-5.63	-143.20	-133.83	-15.00	34.66	-117.25	-481.85	-174.91	-424.19	133.04
		330	5.92	3.25	-134.24	-123.69	-7.30	36.59	-15.29	-317.79	-141.60	-191.47	149.18
		215	6.84	34.37	-126.22	-102.21	10.36	57.26	321.23	-47.15	320.81	-46.74	-12.42
292	3	234	12.20	18.75	-1.75	-0.75	17.76	-4.41	-183.14	-1826.90	-186.00	-1824.05	-68.44
		128	6.11	-2.32	-115.97	-111.23	-7.05	22.71	-191.14	-713.07	-195.23	-708.97	46.05
		331	5.88	2.61	-111.15	-104.04	-4.50	27.54	34.48	-531.43	-124.72	-372.23	254.46
		216	7.84	48.66	-71.63	-47.25	24.27	48.36	146.28	-715.09	145.18	-714.00	-30.71
292	26	234	8.87	7.90	-69.18	-61.24	-0.04	-23.42	-149.72	-1248.89	-153.86	-1244.74	-67.39
		128	6.48	-11.15	-154.19	-151.99	-13.35	17.63	-193.46	-648.37	-206.45	-635.39	75.75
		331	5.27	-8.92	-131.96	-130.22	-10.67	14.55	-95.52	-469.84	-155.73	-409.63	137.52
		216	6.49	15.39	-86.73	-77.86	6.51	28.77	55.31	-573.53	47.46	-565.68	-69.82
292	54	234	8.99	7.94	-72.02	-64.13	0.05	-23.86	-155.79	-1260.63	-159.46	-1256.96	-63.59
		128	6.63	-10.99	-156.87	-154.81	-13.05	17.20	-199.72	-666.29	-213.19	-652.82	78.12
		331	5.36	-8.66	-133.87	-132.26	-10.27	14.12	-103.67	-487.00	-163.56	-427.11	139.18
		216	6.56	15.14	-88.40	-79.96	6.70	28.33	47.79	-585.10	40.66	-577.96	-66.80
293	3	324	7.44	-6.30	-144.81	-130.13	-20.98	-42.63	193.13	-464.67	-66.18	-205.36	-321.45
		334	4.77	-39.64	-135.32	-135.18	-39.78	3.69	92.34	-207.85	-88.08	-27.44	-147.00
		333	4.68	-44.11	-147.54	-143.09	-48.56	-20.99	-49.14	-184.61	-52.67	-181.08	-21.59
		323	7.40	-31.89	-108.56	-107.92	-32.53	6.98	-190.82	-1055.70	-190.95	-1055.57	10.37
293	29	324	4.50	-22.31	-98.83	-89.06	-32.09	-25.54	39.30	-336.70	-48.64	-248.77	-159.16
		334	3.28	-43.48	-92.03	-91.98	-43.53	-1.54	-33.16	-188.61	-75.59	-146.17	-69.25
		333	3.30	-46.31	-100.40	-98.02	-48.70	-11.10	-27.76	-150.69	-35.70	-142.75	-30.23
		323	5.11	-40.23	-79.56	-79.41	-40.37	-2.38	-120.17	-678.66	-123.00	-675.83	39.67
293	61	324	4.66	-23.19	-101.39	-91.16	-33.43	-26.37	24.54	-365.05	-57.25	-283.26	-158.67
		334	3.45	-44.58	-94.24	-94.13	-44.70	-2.37	-50.79	-219.43	-85.08	-185.14	-67.87
		333	3.51	-47.49	-104.00	-101.36	-50.13	-11.94	-37.94	-188.50	-44.80	-181.64	-31.40
		323	5.35	-41.73	-83.06	-82.81	-41.98	-3.21	-128.68	-712.77	-131.20	-710.24	38.30
294	3	325	8.99	6.54	-165.73	-160.20	1.01	-30.37	658.44	-77.86	43.98	536.60	-273.61
		335	6.64	-23.38	-140.26	-140.25	-23.38	0.56	318.36	-225.14	-173.88	267.09	-158.85
		334	5.14	-33.04	-136.03	-135.83	-33.23	-4.45	112.57	-216.24	-96.59	-7.07	-158.19
		324	6.82	-4.02	-138.96	-130.65	-12.33	-32.44	187.93	-424.60	-63.74	-172.94	-301.36
294	26	325	6.80	18.03	-86.89	-85.28	16.42	-12.91	718.75	61.52	140.46	639.81	-213.66
		335	5.33	-6.37	-73.40	-73.29	-6.48	2.82	583.92	-32.07	-0.46	552.31	-135.92
		334	3.76	-6.97	-47.54	-47.54	-6.98	-0.13	489.14	38.95	69.30	458.79	-112.88
		324	4.24	16.74	-48.16	-44.24	12.82	-15.46	400.83	-35.09	88.85	276.90	-196.64
294	58	325	6.92	20.03	-85.99	-84.30	18.35	-13.26	732.52	63.77	143.78	652.51	-217.03
		335	5.44	-4.96	-72.49	-72.40	-5.05	2.47	600.75	-28.86	3.53	568.36	-139.08

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		334	3.86	-5.31	-45.54	-45.54	-5.31	-0.48	505.72	42.99	73.76	474.94	-115.30
		324	4.33	19.05	-46.21	-42.13	14.97	-15.81	413.44	-31.11	92.64	289.69	-199.25
295	3	326	9.81	11.92	-172.20	-171.96	11.69	-6.57	890.52	112.45	120.07	882.89	-76.65
		336	7.89	-12.10	-143.65	-143.27	-12.49	7.10	452.44	-230.52	-226.03	447.94	-55.22
		335	6.88	-16.32	-139.76	-139.72	-16.36	-2.28	329.19	-226.23	-177.50	280.46	-157.13
		325	8.87	10.51	-163.68	-160.20	7.03	-24.36	653.33	-60.86	47.17	545.30	-255.89
295	14	326	7.37	14.60	-116.19	-115.54	13.95	-9.18	710.55	93.43	111.92	692.07	-105.20
		336	5.91	-9.58	-99.93	-99.73	-9.78	-4.21	437.16	-129.05	-120.39	428.49	-69.50
		335	5.13	-7.22	-83.69	-82.42	-8.49	-9.79	422.12	-88.66	-56.50	389.95	-124.07
		325	6.66	18.22	-98.11	-94.47	14.58	-20.23	607.39	22.94	97.62	532.71	-195.12
295	46	326	7.45	16.06	-116.60	-115.76	15.22	-10.56	713.00	91.11	110.23	693.89	-107.34
		336	5.97	-8.72	-100.39	-100.05	-9.06	-5.59	437.52	-131.42	-122.31	428.41	-71.40
		335	5.20	-6.07	-84.07	-82.43	-7.71	-11.17	423.17	-90.65	-57.48	390.01	-126.26
		325	6.76	19.99	-98.46	-94.38	15.91	-21.61	610.56	20.92	96.90	534.58	-197.56
296	3	327	9.31	13.16	-163.12	-161.32	11.36	17.71	831.07	96.79	123.22	804.64	136.79
		337	7.79	-7.51	-140.04	-138.46	-9.08	14.36	420.91	-228.46	-219.73	412.18	74.78
		336	8.04	-5.24	-142.20	-142.00	-5.44	5.27	455.83	-229.59	-225.57	451.81	-52.37
		326	9.88	16.80	-171.00	-170.98	16.78	-1.88	886.49	114.62	120.09	881.03	-64.73
296	9	327	6.59	1.21	-116.30	-116.20	1.11	3.44	653.00	101.84	106.81	648.03	52.12
		337	5.68	-17.22	-106.01	-105.96	-17.27	-2.11	397.83	-126.18	-123.57	395.22	36.93
		336	5.93	-12.49	-98.78	-98.29	-12.98	-6.52	480.50	-108.99	-104.33	475.84	-52.19
		326	7.21	7.49	-114.98	-114.54	7.04	-7.39	741.33	115.89	124.54	732.68	-73.04
296	41	327	6.63	1.45	-116.13	-116.10	1.42	1.95	659.48	101.37	106.55	654.30	53.50
		337	5.70	-17.10	-106.07	-105.92	-17.25	-3.60	402.62	-126.43	-123.67	399.85	38.15
		336	5.98	-12.28	-99.29	-98.55	-13.02	-8.00	484.98	-109.54	-104.85	480.28	-52.63
		326	7.28	7.94	-115.38	-114.74	7.30	-8.88	747.27	115.45	123.97	738.75	-72.86
297	3	328	8.31	12.08	-149.21	-146.11	8.98	22.15	675.88	9.02	90.59	594.31	218.50
		338	7.26	-5.78	-137.08	-134.22	-8.64	19.17	332.93	-222.92	-193.59	303.61	124.26
		337	7.76	-2.81	-138.75	-137.56	-4.01	12.67	407.92	-223.21	-214.72	399.43	72.71
		327	9.25	16.61	-161.02	-158.52	14.11	20.92	803.82	87.64	115.67	775.79	138.89
297	6	328	5.98	2.73	-120.80	-119.96	1.89	10.12	450.83	28.00	45.35	433.47	83.89
		338	5.65	-12.67	-118.34	-117.97	-13.04	6.21	232.28	-160.55	-153.90	225.62	50.69
		337	5.85	-8.86	-111.58	-111.50	-8.94	2.91	315.64	-151.57	-150.75	314.82	19.55
		327	6.61	8.07	-121.26	-120.26	7.07	11.35	568.61	71.88	74.35	566.14	34.90
297	38	328	6.01	3.17	-121.24	-120.56	2.49	9.20	450.85	25.24	42.37	433.73	83.63
		338	5.68	-12.38	-118.87	-118.60	-12.64	5.28	230.04	-163.49	-156.91	223.46	50.45
		337	5.88	-8.48	-112.05	-112.01	-8.51	1.98	313.46	-154.45	-153.65	312.67	19.25
		327	6.64	8.52	-121.57	-120.73	7.68	10.42	568.80	69.12	71.51	566.41	34.49
298	3	329	7.28	8.58	-136.32	-131.21	3.47	26.72	494.19	-117.08	47.91	329.20	271.35
		339	6.57	-6.54	-133.20	-130.20	-9.54	19.26	234.30	-223.97	-162.21	172.54	156.49
		338	7.21	-3.19	-134.54	-132.81	-4.92	14.98	331.93	-222.01	-192.79	302.71	123.83
		328	8.54	16.16	-151.33	-146.45	11.28	28.18	675.37	6.65	89.69	592.33	220.54
298	30	329	5.60	1.54	-136.57	-131.35	-3.68	26.33	156.54	-93.36	-33.05	96.24	106.93
		339	5.88	-8.68	-140.90	-137.54	-12.04	20.80	-22.61	-216.48	-194.54	-44.55	61.41
		338	5.81	-4.36	-128.65	-125.72	-7.30	18.86	73.97	-201.72	-196.48	68.74	37.62
		328	6.10	10.25	-135.74	-129.16	3.67	30.27	298.24	-10.92	6.29	281.03	70.89
298	62	329	5.67	2.13	-138.63	-133.30	-3.20	26.88	143.37	-100.79	-39.79	82.37	105.69
		339	5.96	-8.00	-142.93	-139.47	-11.47	21.34	-38.93	-224.11	-201.74	-61.30	60.35
		338	5.86	-3.58	-130.19	-127.15	-6.62	19.40	57.05	-208.59	-203.56	52.02	36.22
		328	6.14	10.96	-137.32	-130.61	4.25	30.82	284.10	-17.22	-0.33	267.20	69.32
299	3	330	6.08	3.19	-121.62	-116.45	-1.99	24.88	280.19	-279.57	-5.16	5.78	279.83
		340	5.84	-7.86	-130.32	-127.42	-10.76	18.62	130.75	-235.39	-128.98	24.34	166.24
		339	6.50	-4.16	-131.03	-128.97	-6.22	16.02	232.69	-223.30	-161.50	170.89	156.08
		329	7.51	13.03	-137.74	-130.93	6.22	31.29	494.14	-119.85	47.54	326.75	273.42
299	36	330	5.31	-5.74	-139.46	-133.87	-11.34	26.77	14.49	-242.37	-72.35	-155.53	121.51
		340	5.94	-10.46	-153.15	-148.88	-14.73	24.31	-122.20	-261.90	-184.63	-199.47	69.46
		339	5.77	-6.00	-139.19	-134.98	-10.21	23.29	-47.74	-214.52	-190.82	-71.45	58.24
		329	5.71	5.05	-138.80	-129.77	-3.99	34.90	137.09	-101.15	-29.28	65.21	109.35
299	68	330	5.41	-5.28	-142.13	-136.24	-11.18	27.79	4.17	-254.62	-78.57	-171.88	120.69
		340	6.04	-9.79	-155.73	-151.20	-14.33	25.32	-135.12	-274.62	-191.37	-218.38	68.43
		339	5.85	-5.20	-141.24	-136.76	-9.69	24.30	-65.82	-222.29	-197.72	-90.39	56.92
		329	5.78	5.68	-140.98	-131.59	-3.71	35.91	122.76	-109.60	-35.67	48.84	108.22
300	1	331	5.17	-19.30	-143.45	-143.07	-19.67	6.82	-10.12	-361.27	-78.28	-293.11	138.88
		341	6.39	-22.15	-175.60	-173.68	-24.08	17.09	-58.51	-265.37	-145.15	-178.73	102.06
		340	6.32	-19.42	-161.26	-159.75	-20.92	14.55	51.28	-202.72	-147.80	-3.63	104.56
		330	5.74	-8.96	-145.13	-140.42	-13.67	24.87	176.33	-173.55	-11.51	14.28	174.47
300	36	331	5.37	-13.88	-143.19	-142.17	-14.90	11.42	-81.46	-430.87	-118.91	-393.42	108.08
		341	6.14	-12.61	-167.57	-165.03	-15.14	19.66	-152.13	-369.27	-178.74	-342.66	71.19
		340	5.79	-9.19	-150.02	-147.79	-11.42	17.56	-128.07	-268.67	-186.72	-210.03	69.33
		330	5.34	-4.05	-138.54	-133.55	-9.04	25.42	21.68	-256.23	-73.61	-160.94	131.92
300	68	331	5.51	-13.74	-146.24	-145.14	-14.84	12.02	-88.18	-446.38	-124.63	-409.93	108.30
		341	6.26	-12.15	-170.58	-167.94	-14.78	20.26	-160.42	-386.90	-185.08	-362.24	70.55
		340	5.89	-8.61	-152.43	-150.10	-10.94	18.16	-140.98	-282.39	-193.64	-229.73	68.36

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		330	5.43	-3.73	-141.04	-135.92	-8.85	26.02	11.77	-269.25	-79.92	-177.56	131.76
301	2	128	6.55	-16.21	-160.09	-155.29	-21.01	-25.84	-140.21	-586.29	-142.17	-584.33	-29.51
		332	7.06	-17.56	-198.43	-193.97	-22.02	28.05	-116.92	-369.04	-154.65	-331.32	89.94
		341	6.32	-21.05	-173.64	-172.39	-22.30	13.74	-41.95	-263.16	-139.47	-165.65	109.83
		331	5.17	-17.39	-143.58	-142.68	-18.30	10.66	6.61	-357.17	-78.51	-272.04	154.01
301	22	128	7.11	-10.48	-164.86	-160.75	-14.59	-24.84	-166.34	-645.02	-166.46	-644.90	-7.39
		332	7.02	-11.11	-191.31	-189.88	-12.55	16.01	-168.41	-518.96	-186.41	-500.96	77.38
		341	5.98	-10.76	-165.50	-165.32	-10.94	5.26	-146.16	-407.75	-179.70	-374.20	87.47
		331	5.65	-11.00	-143.16	-143.09	-11.07	3.00	-73.59	-453.03	-122.43	-404.19	127.07
301	54	128	7.30	-10.40	-168.74	-164.58	-14.56	-25.33	-171.43	-661.97	-171.51	-661.89	-6.08
		332	7.22	-10.87	-194.96	-193.64	-12.19	15.52	-174.94	-540.32	-192.48	-522.78	78.10
		341	6.09	-10.28	-168.49	-168.35	-10.42	4.77	-154.44	-427.92	-186.24	-396.11	87.67
		331	5.81	-10.82	-146.23	-146.18	-10.87	2.51	-80.07	-469.15	-127.95	-421.27	127.82
302	2	127	10.19	35.01	-108.49	-102.95	29.47	-27.66	-358.93	-890.00	-359.65	-889.29	-19.41
		342	11.53	11.87	-101.73	-101.65	11.79	-3.06	-232.04	-1045.21	-232.22	-1045.04	-11.84
		332	7.37	2.76	-153.79	-153.70	2.67	3.67	-87.46	-340.20	-102.62	-325.03	60.02
		128	8.33	8.25	-122.39	-122.07	7.93	-6.49	-148.95	-604.22	-152.95	-600.23	-42.46
302	22	127	9.28	30.64	-101.68	-92.62	21.58	-33.42	-265.10	-782.87	-265.16	-782.81	-5.61
		342	10.16	13.04	-93.02	-91.01	11.03	-14.47	-163.12	-885.30	-163.47	-884.95	-15.92
		332	7.53	0.08	-153.94	-153.37	-0.49	-9.30	-99.71	-362.57	-107.32	-354.95	44.09
		128	8.25	2.88	-131.85	-129.65	0.68	-17.07	-149.51	-586.63	-149.97	-586.18	-14.16
302	54	127	9.43	31.04	-103.42	-93.86	21.48	-34.55	-264.23	-792.91	-264.27	-792.87	-4.62
		342	10.29	13.51	-94.49	-92.19	11.20	-15.60	-161.86	-893.68	-162.23	-893.31	-16.54
		332	7.70	-0.03	-157.32	-156.62	-0.72	-10.43	-102.37	-371.55	-109.85	-364.07	44.24
		128	8.42	2.62	-135.40	-132.96	0.17	-18.20	-152.49	-597.34	-152.85	-596.98	-12.56
303	2	69	15.36	80.43	-110.15	-106.98	77.26	24.38	1035.47	68.72	75.30	1028.88	79.53
		46	10.05	4.60	-46.05	-44.40	2.95	9.00	1068.12	269.65	273.18	1064.59	52.97
		342	12.11	20.73	-105.81	-105.78	20.69	2.12	-243.09	-1064.15	-243.09	-1064.15	-0.17
		127	11.30	36.20	-125.04	-116.15	27.31	-36.79	-341.47	-938.49	-345.66	-934.30	49.81
303	23	69	11.25	73.58	-92.88	-84.87	65.58	35.62	615.67	-26.03	-22.30	611.94	48.79
		46	6.89	12.74	-49.29	-38.07	1.53	23.87	667.66	140.03	141.96	665.74	31.83
		342	10.12	22.45	-71.49	-67.67	18.63	18.56	-246.50	-950.20	-246.50	-950.20	-0.24
		127	9.60	31.77	-75.44	-74.22	30.55	-11.34	-327.95	-875.10	-329.91	-873.14	32.68
303	55	69	11.22	74.79	-93.76	-85.11	66.14	37.19	599.94	-32.65	-29.06	596.35	47.51
		46	6.84	13.85	-50.82	-38.43	1.47	25.45	654.77	133.89	135.74	652.93	30.95
		342	10.22	23.40	-70.91	-66.40	18.88	20.13	-252.09	-962.85	-252.09	-962.85	-0.27
		127	9.71	32.34	-73.73	-72.83	31.44	-9.76	-334.12	-890.45	-336.01	-888.56	32.34
304	3	334	5.24	-35.76	-138.83	-136.73	-37.85	-14.55	120.62	-198.71	-70.68	-7.40	-156.50
		257	4.88	-36.19	-144.01	-142.79	-37.41	11.41	72.51	-66.52	-52.77	58.76	41.50
		258	4.49	-37.20	-147.00	-145.69	-38.51	-11.93	45.82	2.30	3.07	45.06	-5.72
		333	4.42	-42.54	-142.24	-139.49	-45.30	16.35	-44.56	-198.40	-44.81	-198.14	6.28
304	24	334	4.57	-13.86	-42.94	-42.73	-14.06	-2.44	701.79	117.18	133.06	685.91	-95.03
		257	4.91	-9.85	-45.92	-43.65	-12.13	8.77	756.42	147.31	147.34	756.39	-3.99
		258	4.97	-6.50	-21.12	-20.67	-6.94	-2.50	804.89	160.00	161.57	803.32	-31.71
		333	4.23	-4.15	-27.47	-19.80	-11.82	10.96	663.03	171.29	171.78	662.55	15.42
304	56	334	4.78	-12.50	-40.39	-40.21	-12.68	-2.22	739.79	127.23	142.93	724.09	-96.79
		257	5.14	-8.14	-43.49	-41.04	-10.59	8.99	795.24	157.27	157.32	795.19	-5.92
		258	5.20	-4.68	-17.22	-16.78	-5.12	-2.29	843.70	169.72	171.34	842.08	-33.01
		333	4.43	-1.50	-24.57	-15.92	-10.16	11.17	701.08	181.06	181.46	700.69	14.29
305	3	335	6.72	-21.93	-143.25	-141.82	-23.36	-13.10	325.58	-186.22	-136.42	275.79	-151.68
		256	5.90	-28.20	-138.99	-138.04	-29.14	10.18	220.33	-147.90	-144.44	216.87	35.54
		257	4.85	-32.96	-140.56	-140.12	-33.41	6.88	83.95	-66.79	-57.78	74.93	35.74
		334	5.22	-29.10	-137.84	-136.94	-30.01	-9.89	122.86	-190.12	-76.53	9.26	-150.49
305	36	335	4.99	-9.63	-71.30	-70.74	-10.19	5.85	589.76	7.73	28.66	568.83	-108.36
		256	4.87	-7.12	-71.49	-67.39	-11.22	15.72	546.38	18.90	22.47	542.82	43.21
		257	3.91	-3.11	-47.77	-42.95	-7.93	13.86	532.58	95.09	98.04	529.63	35.79
		334	3.51	-7.30	-44.39	-43.14	-8.55	6.69	505.64	63.43	88.32	480.76	-101.91
305	68	335	5.07	-8.34	-70.26	-69.52	-9.07	6.72	606.75	12.46	33.37	585.84	-109.50
		256	4.97	-5.34	-70.65	-66.12	-9.88	16.60	563.60	23.37	27.16	559.81	45.10
		257	4.01	-0.85	-45.90	-40.41	-6.34	14.74	549.71	100.57	103.68	546.60	37.25
		334	3.58	-5.55	-42.30	-40.67	-7.18	7.56	522.98	68.95	93.97	497.95	-103.61
306	3	214	6.29	-10.52	-131.46	-131.44	-10.54	-1.43	236.17	-182.12	-181.23	235.28	-19.27
		356	6.45	-8.94	-131.43	-131.42	-8.94	-0.67	278.98	-182.92	-171.15	267.21	-72.80
		371	7.11	-5.85	-135.42	-135.36	-5.91	2.81	356.41	-192.13	-188.94	353.21	-41.76
		255	6.80	-9.52	-132.81	-132.75	-9.59	-2.81	309.60	-199.86	-199.67	309.40	-9.97
306	24	214	5.39	-13.02	-130.30	-130.23	-13.09	-2.91	50.68	-164.27	-164.13	50.54	-5.57
		356	5.42	-12.25	-129.52	-129.40	-12.37	-3.74	86.81	-154.05	-151.42	84.18	-25.02
		371	5.35	-7.55	-117.42	-117.39	-7.58	-1.82	165.84	-142.91	-142.82	165.75	-5.18
		255	5.19	-9.81	-116.36	-116.18	-9.98	-4.37	127.41	-155.66	-155.65	127.40	1.63
306	56	214	5.45	-12.43	-132.08	-132.00	-12.50	-3.06	35.50	-169.35	-169.21	35.36	-5.30
		356	5.48	-11.65	-131.31	-131.18	-11.78	-3.89	72.53	-159.12	-156.52	69.93	-24.43
		371	5.37	-6.83	-118.56	-118.53	-6.86	-1.97	151.68	-147.42	-147.35	151.61	-4.59
		255	5.22	-9.08	-117.51	-117.32	-9.27	-4.52	112.35	-160.18	-160.17	112.34	1.93

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
307	3	283	5.59	-10.42	-128.15	-128.14	-10.43	-1.11	134.15	-155.76	-153.66	132.06	-24.58
		347	5.69	-8.97	-127.41	-127.41	-8.97	-0.50	174.30	-171.78	-145.10	147.62	-92.30
		356	6.50	-5.64	-130.88	-130.87	-5.65	-0.71	278.14	-182.66	-170.77	266.24	-73.08
		214	6.32	-7.66	-130.67	-130.66	-7.67	-0.77	235.27	-181.83	-180.94	234.38	-19.25
307	26	283	5.52	-14.87	-144.13	-143.30	-15.70	-10.36	-66.29	-169.08	-167.97	-67.39	-10.59
		347	5.51	-15.17	-143.01	-142.07	-16.11	-10.90	-32.86	-168.33	-155.05	-46.13	-40.28
		356	5.39	-10.10	-129.67	-128.50	-11.27	-11.77	58.83	-155.77	-152.71	55.77	-25.41
		214	5.36	-10.45	-129.92	-128.99	-11.38	-10.49	27.92	-166.45	-166.34	27.81	-4.59
307	58	283	5.61	-14.34	-146.67	-145.70	-15.30	-11.26	-83.42	-174.85	-173.65	-84.62	-10.41
		347	5.59	-14.71	-145.56	-144.49	-15.79	-11.80	-48.74	-174.87	-160.66	-62.95	-39.88
		356	5.44	-9.48	-131.57	-130.24	-10.81	-12.68	42.15	-161.04	-157.93	39.03	-24.97
		214	5.41	-9.76	-131.79	-130.71	-10.83	-11.39	10.77	-171.72	-171.62	10.66	-4.36
308	1	280	5.94	-26.22	-162.52	-162.52	-26.22	0.45	7.60	-138.37	-134.30	3.54	-24.01
		344	5.84	-26.19	-159.97	-159.97	-26.19	0.09	45.14	-148.67	-119.69	16.15	-69.12
		347	6.08	-21.99	-150.08	-150.04	-22.03	-2.11	176.80	-136.79	-124.98	164.99	-59.70
		283	6.12	-22.34	-152.06	-152.06	-22.34	-0.07	144.57	-141.30	-140.18	143.45	-17.83
308	26	280	5.78	-17.03	-159.58	-159.01	-17.61	-9.02	-156.03	-205.47	-168.73	-192.77	-21.60
		344	5.71	-17.88	-157.83	-157.20	-18.50	-9.32	-116.90	-215.23	-155.91	-176.23	-48.10
		347	5.50	-12.75	-142.39	-141.44	-13.69	-11.01	-47.06	-173.12	-157.86	-62.31	-41.11
		283	5.51	-12.30	-143.53	-142.85	-12.99	-9.43	-84.46	-172.16	-171.07	-85.54	-9.71
308	58	280	5.90	-16.67	-162.84	-162.17	-17.35	-9.89	-164.59	-221.75	-174.88	-211.47	-21.96
		344	5.83	-17.60	-161.10	-160.37	-18.33	-10.20	-127.71	-228.52	-161.94	-194.29	-47.74
		347	5.58	-12.29	-144.93	-143.86	-13.36	-11.88	-63.71	-180.33	-163.70	-80.34	-40.77
		283	5.59	-11.77	-146.04	-145.25	-12.56	-10.30	-102.99	-178.23	-177.03	-104.20	-9.44
309	1	282	5.98	-27.37	-174.21	-174.21	-27.37	0.54	-109.92	-171.20	-132.68	-148.44	-29.61
		346	5.86	-25.83	-172.62	-172.55	-25.90	3.16	-54.83	-192.47	-113.30	-133.99	-68.04
		344	5.86	-23.23	-159.15	-159.15	-23.23	-0.58	43.90	-149.99	-120.37	14.28	-69.76
		280	5.95	-22.88	-161.89	-161.87	-22.90	1.61	7.91	-136.85	-132.83	3.89	-23.79
309	26	282	6.21	-19.28	-177.71	-177.20	-19.79	-8.97	-165.29	-321.98	-171.09	-316.18	-29.57
		346	6.13	-19.07	-176.45	-176.15	-19.38	-6.93	-132.88	-315.34	-153.75	-294.47	-58.07
		344	5.74	-14.88	-157.14	-156.46	-15.56	-9.83	-110.30	-227.72	-157.15	-180.88	-57.50
		280	5.77	-13.98	-158.85	-158.40	-14.44	-8.08	-156.45	-211.39	-168.88	-198.96	-22.99
309	58	282	6.36	-19.05	-181.82	-181.22	-19.65	-9.84	-171.91	-340.82	-177.52	-335.21	-30.27
		346	6.28	-18.97	-180.55	-180.18	-19.35	-7.81	-140.02	-332.50	-159.99	-312.54	-58.69
		344	5.86	-14.54	-160.41	-159.62	-15.32	-10.70	-120.40	-241.67	-163.18	-198.89	-57.95
		280	5.89	-13.57	-162.08	-161.54	-14.11	-8.96	-164.73	-228.32	-175.10	-217.94	-23.50
310	2	233	6.86	-26.21	-200.24	-197.94	-28.50	-19.84	-127.72	-349.08	-147.58	-329.22	-63.26
		354	6.40	-18.73	-193.49	-190.33	-21.89	23.27	-106.69	-218.80	-106.72	-218.77	1.75
		346	6.07	-23.51	-173.78	-173.71	-23.58	-3.19	-26.26	-216.76	-117.36	-125.67	-95.16
		282	5.71	-27.81	-169.84	-169.53	-28.13	6.68	-100.45	-148.61	-113.04	-136.02	-21.16
310	24	233	7.37	-20.59	-212.76	-210.96	-22.40	-18.55	-174.80	-473.77	-185.58	-462.99	-55.75
		354	7.02	-16.30	-206.15	-205.11	-17.34	14.02	-152.35	-370.47	-152.53	-370.29	-6.28
		346	6.28	-13.97	-178.09	-177.87	-14.19	-5.99	-122.08	-335.00	-159.47	-297.61	-81.01
		282	6.01	-17.97	-174.81	-174.79	-17.98	1.44	-154.54	-318.56	-158.39	-314.71	-24.85
310	56	233	7.57	-20.54	-218.23	-216.41	-22.36	-18.89	-181.42	-491.92	-192.07	-481.27	-56.50
		354	7.23	-16.33	-211.52	-210.56	-17.29	13.69	-158.58	-387.75	-158.79	-387.54	-6.99
		346	6.43	-13.66	-182.21	-181.97	-13.90	-6.33	-129.59	-350.89	-165.63	-314.84	-81.72
		282	6.16	-17.72	-178.91	-178.90	-17.72	1.10	-160.97	-336.78	-164.78	-332.97	-25.60
311	3	255	6.82	-14.53	-134.63	-134.63	-14.53	0.56	320.22	-203.59	-203.39	320.02	-10.21
		371	7.14	-9.87	-136.31	-136.31	-9.88	-0.76	368.57	-195.49	-192.36	365.44	-41.89
		370	7.48	-9.05	-140.05	-139.74	-9.36	6.41	407.31	-195.55	-193.27	405.04	36.97
		254	7.13	-11.06	-137.04	-137.04	-11.06	-0.53	355.54	-201.77	-201.42	355.19	13.90
311	32	255	5.37	-13.10	-116.95	-116.77	-13.28	4.31	205.27	-141.09	-140.65	204.83	12.37
		371	5.54	-9.51	-117.19	-117.18	-9.53	1.42	245.99	-127.35	-127.25	245.89	6.17
		370	5.16	-3.17	-93.55	-93.22	-3.51	5.49	336.67	-96.94	-89.33	329.06	56.95
		254	4.88	-5.13	-92.00	-91.90	-5.23	2.90	291.54	-102.67	-100.04	288.91	32.09
311	64	255	5.40	-12.30	-118.06	-117.85	-12.52	4.73	197.09	-144.13	-143.59	196.54	13.64
		371	5.58	-8.68	-118.27	-118.24	-8.72	1.83	238.85	-130.33	-130.16	238.69	7.77
		370	5.17	-2.08	-93.56	-93.18	-2.46	5.90	330.40	-99.21	-90.94	322.13	59.05
		254	4.88	-4.11	-91.99	-91.87	-4.23	3.31	283.88	-104.63	-101.65	280.91	33.88
312	3	254	6.96	-19.52	-138.55	-138.55	-19.52	0.04	352.36	-200.73	-200.33	351.96	14.88
		370	7.37	-14.22	-141.02	-140.75	-14.50	5.92	404.66	-195.40	-192.64	401.90	40.56
		361	6.48	-19.19	-140.11	-139.22	-20.08	10.33	290.28	-169.69	-145.11	265.69	103.46
		256	6.08	-21.19	-137.52	-137.51	-21.20	1.16	243.99	-149.06	-146.02	240.96	34.41
312	36	254	5.23	-10.41	-93.33	-93.06	-10.68	4.75	409.42	-75.13	-72.60	406.88	34.95
		370	5.53	-5.29	-94.37	-93.91	-5.75	6.40	441.85	-68.95	-61.71	434.61	60.38
		361	4.57	-1.95	-69.34	-68.17	-3.13	8.83	436.39	-20.25	0.40	415.74	94.88
		256	4.24	-5.05	-67.91	-67.48	-5.47	5.16	409.84	-10.85	-5.82	404.81	45.72
312	68	254	5.26	-9.27	-93.35	-93.01	-9.60	5.29	410.78	-74.79	-71.96	407.95	36.94
		370	5.57	-4.02	-94.37	-93.84	-4.56	6.94	443.70	-68.77	-60.99	435.92	62.65
		361	4.60	-0.38	-68.25	-66.93	-1.70	9.37	439.05	-19.35	2.34	417.36	97.34
		256	4.26	-3.64	-66.79	-66.27	-4.16	5.71	411.73	-9.42	-3.90	406.21	47.91
313	3	256	5.87	-29.89	-138.75	-138.75	-29.89	0.09	233.48	-144.33	-141.12	230.27	34.69

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		361	6.37	-24.12	-140.93	-139.79	-25.26	11.51	281.55	-169.20	-141.90	254.25	107.53
		364	4.95	-34.99	-137.64	-136.69	-35.93	9.80	97.81	-135.21	-70.71	33.32	104.26
		257	4.73	-34.00	-138.02	-137.99	-34.03	1.77	70.24	-73.53	-64.04	60.76	35.69
313	36	256	4.75	-11.05	-68.98	-68.45	-11.58	5.50	550.71	24.20	27.76	547.14	43.16
		361	5.10	-4.75	-70.22	-68.60	-6.37	10.16	562.26	13.45	29.45	546.26	92.34
		364	3.70	-4.03	-42.43	-40.15	-6.32	9.08	497.95	81.02	96.38	482.59	78.54
		257	3.73	-6.50	-43.25	-42.31	-7.43	5.79	522.12	94.14	96.43	519.82	31.25
313	68	256	4.84	-9.60	-67.88	-67.23	-10.24	6.11	567.73	28.84	32.60	563.97	44.85
		361	5.21	-3.06	-69.16	-67.35	-4.87	10.78	578.47	17.63	34.06	562.04	94.58
		364	3.80	-1.92	-40.20	-37.56	-4.56	9.70	513.99	85.99	101.51	498.48	80.00
		257	3.83	-4.67	-40.98	-39.81	-5.83	6.40	539.42	99.40	101.85	536.97	32.73
314	3	257	4.44	-43.95	-137.00	-135.77	-45.18	-10.64	61.17	-64.55	-56.21	52.84	31.28
		364	5.15	-37.60	-142.33	-138.04	-41.90	20.77	87.15	-141.40	-66.95	12.70	107.12
		360	4.35	-45.01	-144.94	-144.51	-45.44	-6.55	-26.32	-100.20	-26.92	-99.59	6.67
		258	4.53	-49.71	-150.34	-145.65	-54.40	21.22	-11.69	-42.33	-16.43	-37.59	11.08
314	24	257	4.67	-13.05	-40.79	-38.59	-15.24	-7.49	725.96	141.03	141.08	725.90	-5.74
		364	4.47	-10.43	-40.70	-39.63	-11.50	5.58	696.42	150.97	154.61	692.78	44.40
		360	4.42	-0.33	-16.09	-8.53	-7.89	-7.88	704.12	169.85	170.90	703.07	-23.69
		258	4.97	-7.87	-16.12	-12.69	-11.31	4.07	790.20	234.49	234.50	790.18	-2.70
314	56	257	4.86	-11.30	-38.20	-35.82	-13.68	-7.64	764.78	150.95	151.04	764.69	-7.57
		364	4.67	-8.80	-37.90	-36.85	-9.86	5.43	732.29	161.29	164.48	729.09	42.60
		360	4.61	3.21	-12.97	-3.89	-5.87	-8.03	740.51	179.63	180.78	739.36	-25.36
		258	5.17	-4.74	-12.68	-8.05	-9.37	3.91	829.00	244.41	244.45	828.97	-4.37
315	3	364	4.67	-41.53	-137.58	-137.58	-41.53	-0.47	85.05	-137.03	-65.80	13.82	103.66
		348	5.78	-29.77	-142.86	-136.16	-36.48	26.71	120.36	-244.30	-77.27	-46.67	181.69
		353	4.47	-44.11	-138.78	-138.71	-44.18	-2.50	-63.88	-293.73	-63.98	-293.63	4.83
		360	4.51	-44.12	-148.11	-144.44	-47.79	19.17	-24.74	-100.70	-26.80	-98.63	12.34
315	22	364	4.76	-5.71	-48.24	-40.44	-13.51	-16.45	715.90	137.34	142.04	711.20	51.92
		348	4.30	-9.93	-39.24	-38.68	-10.48	-3.98	672.95	124.41	140.21	657.14	91.76
		353	3.81	9.50	-26.98	-8.69	-8.79	-18.24	591.10	152.71	154.60	589.21	-28.73
		360	4.64	-2.30	-20.38	-12.13	-10.55	-9.00	729.37	183.00	183.03	729.33	-4.40
315	54	364	4.96	-3.06	-46.76	-37.81	-12.01	-17.64	753.89	147.08	151.40	749.57	51.01
		348	4.50	-8.03	-36.99	-36.04	-8.99	-5.17	709.32	135.20	149.96	694.56	90.86
		353	4.01	13.87	-25.07	-4.27	-6.93	-19.42	628.59	162.55	164.49	626.65	-29.99
		360	4.85	1.99	-18.41	-7.73	-8.69	-10.19	767.79	193.06	193.11	767.73	-5.69
316	3	361	6.24	-26.07	-139.79	-139.59	-26.28	4.84	280.76	-170.35	-143.32	253.74	107.06
		345	7.16	-16.89	-145.98	-143.48	-19.39	17.79	370.63	-192.99	-130.61	308.26	176.82
		348	5.55	-26.64	-138.87	-136.12	-29.39	17.35	127.85	-233.96	-82.73	-23.39	178.45
		364	4.97	-33.79	-138.08	-137.27	-34.60	9.16	97.93	-136.70	-71.27	32.50	105.22
316	36	361	4.98	-7.24	-69.62	-69.61	-7.26	0.96	561.83	7.59	24.97	544.45	96.59
		345	5.47	0.08	-72.08	-71.48	-0.52	6.57	589.79	0.68	36.55	553.93	140.85
		348	3.74	0.40	-40.76	-39.70	-0.66	6.53	467.95	44.53	85.86	426.61	125.67
		364	3.61	-5.56	-41.22	-41.04	-5.74	2.52	498.56	80.12	94.52	484.16	76.27
316	68	361	5.07	-5.76	-68.48	-68.46	-5.79	1.14	578.01	11.33	29.19	560.15	98.99
		345	5.57	1.75	-70.94	-70.31	1.11	6.74	604.63	4.03	40.48	568.18	143.39
		348	3.83	2.38	-38.29	-37.15	1.24	6.71	482.58	49.10	90.64	441.04	127.60
		364	3.70	-3.79	-38.72	-38.51	-4.00	2.70	514.60	85.03	99.59	500.03	77.74
317	3	370	7.34	-15.22	-140.82	-140.81	-15.23	1.30	404.32	-197.55	-194.80	401.56	40.65
		350	8.09	-7.37	-147.42	-147.07	-7.72	6.94	513.40	-167.71	-162.01	507.70	62.06
		345	7.28	-10.77	-145.03	-143.03	-12.76	16.24	377.65	-190.07	-133.07	320.65	170.62
		361	6.44	-19.03	-139.33	-139.03	-19.32	5.97	289.72	-171.57	-146.88	265.02	103.83
317	20	370	5.46	-10.78	-98.81	-96.57	-13.03	13.89	413.15	-84.78	-78.82	407.19	54.17
		350	5.98	-2.57	-101.95	-99.56	-4.96	15.21	475.85	-61.58	-50.83	465.09	75.27
		345	5.39	1.55	-86.19	-80.99	-3.65	20.72	448.39	-46.53	-8.23	410.09	132.24
		361	4.76	-7.33	-82.86	-79.18	-11.02	16.27	404.49	-40.67	-23.06	386.87	86.78
317	52	370	5.51	-9.69	-99.47	-96.73	-12.44	15.45	413.67	-85.72	-79.40	407.36	55.80
		350	6.04	-1.26	-102.54	-99.67	-4.12	16.78	476.38	-62.62	-51.37	465.14	77.03
		345	5.46	3.17	-86.67	-80.75	-2.75	22.29	449.52	-47.52	-8.22	410.22	134.13
		361	4.82	-5.99	-83.35	-78.99	-10.35	17.84	405.46	-41.37	-23.07	387.17	88.54
318	3	371	7.14	-10.42	-136.36	-136.31	-10.47	-2.49	368.38	-197.48	-194.36	365.26	-41.91
		351	7.74	-3.99	-141.02	-140.86	-4.16	-4.73	471.23	-166.31	-157.11	462.04	-76.00
		350	8.23	-1.15	-146.29	-145.93	-1.52	7.26	514.99	-166.92	-162.22	510.29	56.44
		370	7.47	-8.62	-139.62	-139.61	-8.62	0.27	406.93	-197.81	-195.51	404.64	37.16
318	7	371	5.26	-18.17	-105.23	-103.49	-19.90	12.17	369.64	-96.06	-95.95	369.53	-7.24
		351	5.60	-13.05	-105.93	-105.14	-13.84	8.53	438.52	-66.32	-65.51	437.71	-20.24
		350	6.05	-6.80	-101.36	-98.81	-9.35	15.30	522.68	-54.14	-47.90	516.43	59.70
		370	5.50	-14.00	-97.61	-95.60	-16.01	12.81	451.83	-78.64	-75.23	448.43	42.34
318	39	371	5.29	-17.76	-105.49	-103.29	-19.96	13.72	373.85	-95.88	-95.78	373.75	-6.89
		351	5.62	-12.66	-106.02	-104.92	-13.76	10.07	443.49	-66.22	-65.43	442.70	-20.06
		350	6.11	-6.28	-102.00	-98.94	-9.34	16.84	527.61	-54.41	-48.09	521.29	60.28
		370	5.54	-13.62	-98.26	-95.75	-16.13	14.35	456.01	-78.86	-75.37	452.52	43.09
319	3	356	6.51	-8.55	-131.89	-131.71	-8.73	-4.77	278.82	-184.43	-172.66	267.05	-72.90
		349	6.96	-3.46	-134.13	-133.80	-3.79	-6.62	368.52	-172.86	-140.65	336.32	-128.06

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		351	7.67	-8.39e-03	-139.31	-139.30	-0.02	-1.14	455.41	-164.15	-154.77	446.03	-75.63
		371	7.14	-5.70	-135.13	-134.87	-5.96	-5.83	356.07	-194.06	-190.88	352.89	-41.70
319	12	356	5.23	-15.13	-117.66	-117.25	-15.54	6.49	214.71	-124.27	-121.66	212.10	-29.62
		349	5.41	-10.67	-117.27	-117.14	-10.80	3.71	276.86	-100.89	-93.55	269.52	-52.16
		351	5.71	-6.11	-111.60	-111.19	-6.52	6.60	362.08	-88.62	-87.66	361.13	-20.70
		371	5.39	-11.71	-109.81	-109.56	-11.95	4.88	292.88	-118.30	-118.01	292.59	-10.90
319	44	356	5.26	-14.68	-118.44	-117.88	-15.24	7.59	212.40	-126.45	-123.88	209.83	-29.40
		349	5.44	-10.18	-117.97	-117.76	-10.39	4.82	275.49	-103.06	-95.81	268.24	-51.88
		351	5.75	-5.53	-112.18	-111.62	-6.08	7.70	360.81	-90.70	-89.77	359.87	-20.53
		371	5.42	-11.26	-110.38	-110.01	-11.62	5.99	290.62	-120.37	-120.09	290.33	-10.83
320	3	347	5.76	-8.75	-127.61	-127.35	-9.00	-5.47	174.21	-172.69	-146.04	147.56	-92.38
		374	6.07	-5.07	-127.35	-126.93	-5.49	-7.15	252.01	-190.83	-121.30	182.49	-161.11
		349	7.00	-0.41	-133.39	-133.11	-0.69	-6.10	367.57	-172.88	-140.38	335.07	-128.49
		356	6.56	-5.39	-131.14	-130.92	-5.61	-5.25	277.89	-184.20	-172.33	266.02	-73.11
320	26	347	5.58	-13.72	-143.69	-141.47	-15.94	-16.84	-34.65	-169.43	-157.43	-46.65	-38.38
		374	5.60	-11.19	-142.54	-139.78	-13.95	-18.86	15.54	-162.55	-131.64	-15.38	-67.45
		349	5.57	-5.16	-131.21	-128.15	-8.21	-19.39	111.20	-133.19	-125.27	103.28	-43.29
		356	5.45	-8.55	-130.46	-127.92	-11.09	-17.39	57.54	-157.54	-155.19	55.19	-22.36
320	58	347	5.67	-13.15	-146.29	-143.83	-15.61	-17.93	-50.82	-175.92	-163.22	-63.51	-37.77
		374	5.68	-10.65	-145.17	-142.15	-13.68	-19.96	0.14	-169.54	-137.30	-32.10	-66.57
		349	5.62	-4.45	-133.19	-129.84	-7.79	-20.48	94.57	-138.45	-130.51	86.64	-42.25
		356	5.50	-7.81	-132.41	-129.60	-10.61	-18.49	40.72	-162.88	-160.56	38.40	-21.61
321	1	344	5.89	-25.83	-160.31	-160.13	-26.01	-4.96	45.84	-148.54	-119.31	16.60	-69.49
		373	5.79	-23.33	-155.57	-155.28	-23.62	-6.15	96.08	-163.25	-95.98	28.81	-113.67
		374	6.20	-17.86	-148.44	-147.76	-18.54	-9.38	234.61	-125.71	-94.32	203.23	-101.60
		347	6.13	-21.58	-150.47	-150.14	-21.91	-6.52	176.76	-137.23	-125.45	164.97	-59.67
321	26	344	5.79	-16.67	-158.43	-156.86	-18.24	-14.84	-118.37	-216.53	-158.43	-176.47	-48.24
		373	5.71	-15.08	-155.01	-153.22	-16.87	-15.74	-65.62	-228.79	-138.08	-156.32	-81.07
		374	5.60	-8.82	-141.70	-139.15	-11.37	-18.23	10.95	-167.58	-133.73	-22.90	-69.98
		347	5.56	-11.47	-142.88	-140.89	-13.46	-16.04	-48.71	-174.09	-160.05	-62.75	-39.53
321	58	344	5.91	-16.31	-161.74	-159.98	-18.07	-15.87	-129.53	-229.78	-164.73	-194.59	-47.85
		373	5.84	-14.75	-158.34	-156.35	-16.74	-16.77	-76.94	-240.74	-144.19	-173.48	-80.58
		374	5.69	-8.28	-144.30	-141.52	-11.07	-19.26	-4.44	-175.13	-139.56	-40.01	-69.32
		347	5.65	-10.92	-145.45	-143.25	-13.12	-17.07	-65.65	-181.24	-166.07	-80.82	-39.03
322	1	346	5.94	-25.60	-172.91	-172.83	-25.67	-3.27	-51.55	-195.07	-114.01	-132.61	-71.15
		372	5.64	-24.17	-165.38	-165.38	-24.17	0.26	-18.28	-229.09	-101.27	-146.10	-102.99
		373	5.81	-20.20	-154.91	-154.59	-20.51	-6.52	95.68	-164.59	-95.70	26.78	-114.82
		344	5.89	-22.80	-159.46	-159.30	-22.95	-4.54	44.44	-147.91	-118.45	14.99	-69.27
322	26	346	6.22	-18.11	-177.38	-176.32	-19.17	-12.93	-134.22	-316.28	-156.64	-293.86	-59.82
		372	6.01	-17.47	-171.28	-170.61	-18.14	-10.12	-107.14	-329.76	-144.34	-292.56	-83.05
		373	5.74	-11.80	-154.18	-152.50	-13.48	-15.37	-58.16	-240.58	-138.28	-160.45	-90.53
		344	5.79	-13.88	-157.43	-156.09	-15.23	-13.85	-111.97	-227.22	-158.33	-180.85	-56.51
322	58	346	6.38	-17.94	-181.54	-180.35	-19.13	-13.90	-141.69	-333.36	-163.10	-311.96	-60.37
		372	6.17	-17.33	-175.42	-174.64	-18.11	-11.08	-114.82	-345.42	-150.59	-309.65	-83.49
		373	5.87	-11.40	-157.47	-155.61	-13.25	-16.34	-68.62	-253.24	-144.36	-177.50	-90.81
		344	5.91	-13.47	-160.71	-159.20	-14.98	-14.82	-122.35	-241.18	-164.61	-198.92	-56.88
323	1	354	6.39	-22.75	-191.47	-190.72	-23.50	-11.22	-103.91	-271.83	-117.95	-257.79	-46.48
		352	6.15	-19.98	-184.20	-181.74	-22.45	19.96	-118.81	-307.68	-119.13	-307.36	-7.84
		372	5.77	-21.02	-164.77	-164.62	-21.17	-4.59	1.08	-251.55	-101.03	-149.44	-123.97
		346	5.88	-22.10	-171.85	-171.83	-22.13	1.81	-47.83	-198.59	-111.41	-135.01	-74.45
323	24	354	6.97	-16.73	-204.93	-204.08	-17.57	-12.57	-152.78	-393.56	-160.38	-385.96	-42.10
		352	6.95	-15.83	-198.02	-197.17	-16.68	12.44	-159.48	-419.36	-159.92	-418.92	-10.68
		372	6.06	-13.14	-171.48	-171.16	-13.46	-7.08	-94.69	-349.55	-145.83	-298.40	-102.08
		346	6.15	-14.21	-176.71	-176.68	-14.23	-1.91	-129.86	-317.91	-155.24	-292.53	-64.26
323	56	354	7.16	-16.70	-210.27	-209.41	-17.56	-12.89	-159.39	-410.72	-166.85	-403.25	-42.66
		352	7.16	-15.90	-203.28	-202.49	-16.68	12.11	-165.81	-436.22	-166.28	-435.75	-11.21
		372	6.22	-12.84	-175.63	-175.29	-13.17	-7.40	-102.59	-364.78	-152.15	-315.22	-102.65
		346	6.30	-13.92	-180.84	-180.81	-13.95	-2.23	-137.27	-334.21	-161.67	-309.81	-64.89
324	3	348	5.13	-35.99	-136.48	-135.98	-36.49	7.06	116.77	-243.27	-78.85	-47.66	179.34
		369	6.69	-16.73	-144.60	-133.32	-28.01	36.27	149.60	-362.09	-84.92	-127.58	254.95
		359	5.46	-38.72	-127.28	-127.24	-38.76	1.87	-128.19	-630.56	-128.21	-630.55	2.72
		353	4.69	-39.76	-143.84	-139.03	-44.57	21.85	-63.74	-293.42	-64.21	-292.95	10.44
324	27	348	3.78	-40.42	-98.52	-95.51	-43.42	12.86	11.45	-218.98	-68.16	-139.37	109.57
		369	4.51	-26.48	-103.92	-92.89	-37.51	27.07	31.96	-283.77	-64.24	-187.58	145.32
		359	4.04	-44.05	-97.27	-95.39	-45.94	9.83	-86.85	-405.86	-87.28	-405.43	-11.70
		353	3.67	-44.19	-107.91	-102.53	-49.57	17.72	-53.61	-207.22	-55.14	-205.69	15.28
324	59	348	3.97	-41.33	-101.72	-98.18	-44.87	14.19	-6.11	-248.11	-77.84	-176.38	110.52
		369	4.70	-27.17	-107.28	-95.48	-38.97	28.39	15.90	-312.46	-73.60	-222.96	146.21
		359	4.31	-45.46	-102.06	-99.76	-47.76	11.16	-96.40	-441.13	-96.71	-440.83	-10.29
		353	3.93	-45.48	-112.80	-106.89	-51.39	19.05	-63.34	-244.28	-64.90	-242.72	16.72
325	3	345	7.02	-18.39	-144.36	-143.37	-19.38	11.09	369.80	-196.63	-134.08	307.24	177.54
		368	8.20	-4.47	-154.87	-150.67	-8.66	24.76	499.73	-175.41	-79.15	403.46	236.06
		369	6.35	-14.60	-140.21	-134.20	-20.61	26.81	155.08	-344.63	-89.38	-100.17	249.80

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		348	5.54	-26.96	-138.61	-136.10	-29.47	16.53	127.99	-237.00	-84.49	-24.52	180.02
325	20	345	5.36	-3.98	-87.24	-82.99	-8.23	18.33	463.69	-49.51	-10.65	424.83	135.76
		368	6.12	9.19	-93.13	-86.82	2.89	24.61	518.73	-32.26	28.07	458.40	172.05
		369	4.29	10.16	-67.12	-56.40	-0.55	26.71	313.62	-50.53	39.27	223.83	156.96
		348	3.91	-2.68	-68.70	-61.25	-10.12	20.88	342.02	-5.59	39.39	297.04	116.67
325	52	345	5.45	-2.32	-87.88	-82.90	-7.30	20.03	467.08	-50.38	-10.79	427.48	137.55
		368	6.22	11.21	-93.75	-86.67	4.13	26.31	521.36	-33.61	27.73	460.03	174.01
		369	4.40	12.64	-67.37	-55.54	0.80	28.41	316.32	-51.03	39.68	225.60	158.41
		348	4.01	-0.60	-69.20	-60.72	-9.08	22.58	345.42	-5.58	40.01	299.84	118.00
326	3	350	8.09	-7.67	-147.03	-146.99	-7.71	2.36	513.17	-172.14	-166.41	507.44	62.41
		362	9.05	3.19	-158.28	-157.93	2.84	7.53	681.82	-77.00	-69.45	674.28	75.27
		368	8.28	1.56	-153.88	-150.41	-1.91	22.97	503.68	-167.81	-79.45	415.32	227.00
		345	7.21	-11.55	-144.05	-142.97	-12.62	11.89	377.11	-194.03	-136.65	319.73	171.70
326	36	350	6.12	0.55	-98.74	-98.42	0.23	-5.65	507.93	-79.38	-64.54	493.09	92.15
		362	6.77	9.64	-104.87	-104.68	9.45	-4.64	610.51	-16.19	3.89	590.44	110.35
		368	5.71	12.50	-77.36	-77.09	12.23	4.94	554.64	-21.11	47.19	486.34	186.17
		345	4.99	3.07	-72.75	-72.75	3.07	-0.24	483.60	-39.93	4.89	438.78	146.47
326	52	350	6.09	-3.04	-102.78	-101.32	-4.49	11.95	476.07	-78.35	-66.94	464.65	78.74
		362	6.84	7.67	-108.65	-107.19	6.20	12.97	590.99	-13.11	2.14	575.74	94.75
		368	6.24	12.69	-91.73	-86.61	7.57	22.55	530.17	-33.19	26.47	470.51	173.35
		345	5.41	0.57	-86.18	-82.55	-3.06	17.37	449.22	-56.24	-16.68	409.66	135.76
327	3	351	7.78	-3.84	-141.12	-140.81	-4.16	-6.58	471.17	-170.34	-161.09	461.92	-76.48
		358	8.56	5.41	-149.69	-148.98	4.70	-10.46	629.92	-79.58	-62.26	612.60	-109.50
		362	9.18	9.53	-157.08	-156.73	9.18	7.65	681.94	-75.11	-68.90	675.73	68.30
		350	8.21	-1.34	-145.85	-145.84	-1.35	1.16	514.75	-171.36	-166.62	510.02	56.79
327	7	351	5.64	-13.47	-106.65	-106.06	-14.05	7.37	440.77	-72.34	-69.92	438.35	-35.17
		358	6.11	-5.92	-109.69	-109.63	-5.98	2.55	541.07	-3.76	0.13	537.18	-45.86
		362	6.71	1.34	-107.38	-105.81	-0.23	12.99	625.01	7.92	15.83	617.10	69.42
		350	6.04	-8.15	-101.02	-99.74	-9.43	10.83	522.44	-58.32	-52.60	516.71	57.39
327	39	351	5.67	-13.13	-106.79	-105.92	-13.99	8.94	445.96	-72.55	-69.99	443.40	-36.35
		358	6.14	-5.63	-109.64	-109.47	-5.79	4.12	546.96	-4.08	-0.02	542.90	-47.09
		362	6.77	1.85	-107.96	-105.99	-0.11	14.56	630.53	7.57	15.44	622.66	69.57
		350	6.09	-7.77	-101.62	-99.95	-9.44	12.40	527.35	-58.69	-52.94	521.61	57.75
328	3	349	7.05	-2.97	-134.61	-133.79	-3.79	-10.40	368.50	-176.30	-143.89	336.09	-128.85
		355	7.66	5.11	-139.67	-138.21	3.64	-14.48	502.53	-118.93	-61.95	445.55	-179.35
		358	8.45	9.15	-147.28	-146.98	8.86	-6.81	609.01	-80.24	-62.60	591.37	-108.85
		351	7.77	0.79	-139.88	-139.19	0.10	-9.85	455.29	-168.10	-158.67	445.85	-76.10
328	12	349	5.48	-10.89	-117.48	-117.48	-10.90	-0.49	276.97	-106.89	-99.65	269.74	-52.20
		355	5.74	-4.01	-118.40	-118.20	-4.21	-4.80	364.22	-51.44	-38.60	351.39	-71.91
		358	6.19	1.04	-115.19	-115.19	1.04	-0.87	462.54	-26.87	-25.17	460.85	-28.72
		351	5.78	-6.57	-111.84	-111.82	-6.59	-1.40	362.13	-95.24	-94.40	361.29	-19.58
328	44	349	5.51	-10.50	-118.13	-118.13	-10.50	0.50	275.62	-109.40	-102.27	268.48	-51.91
		355	5.77	-3.59	-118.96	-118.83	-3.72	-3.82	363.82	-53.89	-41.23	351.16	-71.61
		358	6.23	1.56	-115.67	-115.67	1.56	0.11	462.28	-29.29	-27.65	460.64	-28.35
		351	5.81	-6.17	-112.32	-112.31	-6.17	-0.42	360.87	-97.70	-96.88	360.05	-19.29
329	3	374	6.19	-4.35	-128.06	-126.91	-5.49	-11.84	252.17	-193.56	-123.67	182.28	-162.07
		367	6.64	2.26	-128.99	-126.97	0.24	-16.14	357.40	-182.62	-63.48	238.25	-223.93
		355	7.70	8.08	-138.77	-137.44	6.75	-13.94	501.62	-119.38	-61.88	444.12	-180.00
		349	7.10	0.24	-133.95	-133.04	-0.67	-11.03	367.52	-176.32	-143.62	334.82	-129.28
329	24	374	5.70	-9.95	-142.09	-139.72	-12.32	-17.54	22.15	-171.70	-143.63	-5.92	-68.22
		367	5.71	-4.61	-140.68	-137.25	-8.04	-21.31	95.10	-138.67	-93.43	49.86	-92.35
		355	5.89	2.38	-132.87	-129.30	-1.18	-21.67	209.13	-88.34	-75.60	196.38	-60.25
		349	5.65	-4.00	-131.08	-128.41	-6.68	-18.25	106.15	-145.93	-138.68	98.91	-42.12
329	56	374	5.78	-9.41	-144.57	-142.09	-11.90	-18.17	7.05	-179.08	-150.26	-21.77	-67.33
		367	5.80	-4.07	-143.17	-139.62	-7.62	-21.94	81.25	-145.87	-99.86	35.24	-91.28
		355	5.94	3.07	-134.73	-131.02	-0.64	-22.31	194.38	-94.24	-81.70	181.84	-58.84
		349	5.70	-3.32	-132.94	-130.12	-6.13	-18.89	89.01	-152.13	-144.98	81.86	-40.90
330	3	373	5.26	-6.41	-121.65	-120.69	-7.37	-10.50	128.42	-226.36	-102.21	4.26	-169.21
		366	5.50	-1.77	-117.78	-115.98	-3.58	-14.36	195.09	-271.88	-68.73	-8.07	-231.51
		367	6.67	5.31	-128.14	-126.15	3.32	-16.16	356.38	-183.52	-63.24	236.10	-224.66
		374	6.22	-1.27	-127.27	-126.15	-2.40	-11.85	250.97	-193.73	-123.24	180.47	-162.42
330	22	373	5.79	-13.33	-154.58	-151.40	-16.51	-20.95	-66.97	-229.11	-141.77	-154.30	-80.83
		366	5.64	-10.08	-149.37	-145.28	-14.17	-23.52	-14.43	-226.85	-107.42	-133.87	-105.38
		367	5.73	-1.82	-140.76	-135.28	-7.31	-27.06	86.09	-137.68	-87.31	35.72	-93.46
		374	5.69	-6.88	-141.85	-137.71	-11.02	-23.27	10.39	-169.64	-138.16	-21.08	-68.39
330	54	373	5.91	-12.88	-157.82	-154.36	-16.34	-22.13	-78.63	-240.78	-148.12	-171.29	-80.24
		366	5.76	-9.65	-152.65	-148.25	-14.05	-24.69	-25.28	-237.75	-113.50	-149.53	-104.70
		367	5.82	-1.18	-143.37	-137.52	-7.03	-28.23	71.89	-144.96	-93.18	20.10	-92.46
		374	5.78	-6.22	-144.41	-139.95	-10.68	-24.44	-5.25	-177.07	-144.29	-38.03	-67.51
331	1	372	5.76	-23.96	-165.86	-165.56	-24.26	-6.55	-16.94	-232.61	-103.01	-146.54	-105.61
		365	5.28	-21.91	-153.33	-153.14	-22.10	-4.95	-5.39	-277.28	-87.50	-195.17	-124.83
		366	5.72	-15.13	-148.03	-146.39	-16.77	-14.67	145.01	-167.91	-57.09	34.20	-149.65
		373	5.89	-19.69	-155.37	-154.53	-20.53	-10.61	95.73	-165.52	-97.07	27.28	-114.88

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
331	26	372	6.07	-16.12	-170.22	-168.54	-17.80	-16.00	-108.87	-331.97	-147.53	-293.31	-84.45
		365	5.73	-15.36	-160.63	-159.14	-16.85	-14.65	-89.39	-357.01	-132.09	-314.32	-98.00
		366	5.66	-7.45	-148.24	-144.66	-11.03	-22.18	-8.31	-239.87	-108.57	-139.61	-114.73
		373	5.79	-10.57	-153.37	-150.78	-13.16	-19.07	-61.60	-242.01	-142.88	-160.73	-89.77
331	58	372	6.23	-15.87	-174.22	-172.36	-17.72	-17.02	-116.83	-347.57	-153.96	-310.43	-84.79
		365	5.88	-15.18	-164.64	-162.98	-16.85	-15.67	-96.86	-371.46	-138.25	-330.07	-98.25
		366	5.78	-7.00	-151.46	-147.63	-10.83	-23.20	-18.50	-251.59	-114.73	-155.36	-114.76
		373	5.92	-10.08	-156.55	-153.74	-12.89	-20.10	-72.52	-254.65	-149.31	-177.86	-89.94
332	1	352	6.09	-21.69	-182.54	-181.79	-22.44	-10.97	-109.10	-321.34	-120.73	-309.71	-48.31
		357	6.17	-18.84	-169.46	-166.84	-21.47	19.72	-128.65	-425.39	-128.80	-425.24	-6.82
		365	5.45	-18.32	-152.78	-152.10	-19.00	-9.55	10.53	-295.90	-88.94	-196.43	-143.48
		372	5.70	-20.98	-164.84	-164.82	-21.00	-1.80	-11.84	-238.66	-102.08	-148.41	-111.02
332	32	352	6.72	-15.74	-189.97	-189.78	-15.93	-5.80	-147.52	-429.95	-156.40	-421.08	-49.26
		357	6.84	-13.77	-180.61	-178.46	-15.92	18.83	-159.10	-497.95	-159.87	-497.18	-16.17
		365	5.55	-12.03	-156.53	-156.40	-12.16	-4.30	-74.13	-378.60	-130.19	-322.54	-118.00
		372	5.76	-12.87	-166.03	-166.01	-12.89	1.89	-99.64	-341.46	-143.07	-298.03	-92.83
332	56	352	7.03	-15.29	-200.34	-199.48	-16.14	-12.55	-159.76	-446.12	-168.13	-437.74	-48.25
		357	7.04	-16.95	-189.02	-188.17	-17.80	12.08	-170.60	-513.27	-171.30	-512.57	-15.50
		365	5.92	-11.12	-164.54	-163.74	-11.92	-11.05	-87.55	-392.96	-142.41	-338.10	-117.24
		372	6.12	-12.47	-173.48	-173.34	-12.62	-4.86	-113.65	-356.83	-155.61	-314.87	-91.89
333	3	369	5.89	-25.47	-135.63	-133.02	-28.07	16.75	145.22	-364.89	-88.71	-130.95	254.18
		252	7.59	2.78	-148.30	-130.60	-14.92	48.58	184.32	-448.22	-59.76	-204.15	307.92
		253	7.80	-27.53	-107.50	-106.77	-28.26	7.59	-214.33	-1116.82	-214.33	-1116.81	1.38
		359	5.65	-31.75	-134.93	-127.76	-38.91	26.23	-128.69	-631.07	-128.82	-630.94	8.07
333	23	369	3.89	-32.73	-94.62	-89.90	-37.45	16.42	9.68	-267.17	-65.88	-191.61	123.32
		252	4.66	-14.58	-103.12	-89.09	-28.61	32.33	43.82	-317.64	-38.77	-235.05	151.76
		253	5.19	-35.62	-82.55	-79.24	-38.93	12.00	-129.42	-697.19	-130.36	-696.25	-23.11
		359	4.15	-39.68	-98.02	-91.66	-46.05	18.18	-90.41	-408.48	-90.54	-408.35	6.44
333	55	369	4.07	-33.57	-97.54	-92.20	-38.91	17.68	-7.35	-295.15	-75.26	-227.24	122.20
		252	4.83	-15.29	-106.24	-91.42	-30.11	33.59	29.34	-345.14	-47.65	-268.15	151.34
		253	5.45	-36.99	-87.10	-83.30	-40.79	13.26	-138.66	-730.17	-139.45	-729.39	-21.54
		359	4.42	-40.95	-102.61	-95.70	-47.86	19.45	-99.95	-444.22	-100.14	-444.03	8.07
334	3	368	8.06	-6.07	-152.85	-150.56	-8.36	18.18	499.32	-182.46	-85.74	402.60	237.88
		251	9.05	10.62	-168.37	-162.52	4.77	31.83	667.21	-44.25	70.76	552.20	261.91
		252	7.08	3.71	-143.25	-132.52	-7.02	38.23	184.51	-420.92	-59.63	-176.78	296.99
		369	6.36	-15.06	-139.83	-134.10	-20.79	26.11	154.74	-350.77	-93.31	-102.72	252.71
334	20	368	6.05	6.40	-92.80	-89.03	2.62	18.98	519.53	-43.62	18.85	457.06	176.86
		251	6.68	21.36	-101.61	-96.10	15.85	25.44	594.73	43.87	121.03	517.58	191.18
		252	4.67	23.62	-71.78	-60.40	12.24	30.93	284.49	-87.42	54.95	142.12	180.78
		369	4.27	7.04	-69.41	-61.25	-1.11	23.60	309.46	-58.53	30.13	220.80	157.37
334	52	368	6.16	8.18	-93.44	-89.09	3.83	20.57	522.11	-45.48	18.03	458.59	178.93
		251	6.79	23.49	-102.20	-96.10	17.38	27.03	596.72	41.57	120.03	518.25	193.40
		252	4.78	26.16	-72.22	-59.94	13.88	32.52	286.56	-89.08	54.57	142.91	182.56
		369	4.37	9.25	-69.89	-60.84	0.20	25.18	312.07	-59.70	29.92	222.45	159.02
335	3	362	9.07	3.25	-157.94	-157.88	3.20	2.97	682.35	-84.61	-77.04	674.78	75.81
		239	9.88	15.00	-174.55	-174.28	14.73	7.07	908.82	149.27	156.38	901.71	73.14
		251	9.09	16.64	-167.19	-162.24	11.69	29.73	666.56	-31.64	74.72	560.20	250.89
		368	8.21	0.49	-152.66	-150.35	-1.83	18.67	503.62	-175.05	-86.03	414.61	229.11
335	20	362	6.78	5.36	-108.85	-108.52	5.04	6.10	590.07	-18.28	-3.40	575.19	93.98
		239	7.23	16.60	-118.35	-118.04	16.29	6.51	706.34	132.69	150.58	688.45	99.73
		251	6.70	22.10	-99.93	-96.21	18.37	20.99	613.79	52.67	125.59	540.86	188.69
		368	6.09	8.53	-91.45	-88.95	6.03	15.61	527.55	-40.81	17.89	468.85	172.97
335	52	362	6.85	6.52	-109.35	-108.88	6.05	7.37	591.71	-20.45	-5.02	576.28	95.98
		239	7.31	17.97	-118.80	-118.36	17.52	7.77	707.79	130.53	149.07	689.25	101.78
		251	6.80	23.80	-100.38	-96.26	19.67	22.26	616.63	50.61	124.80	542.43	191.02
		368	6.17	9.98	-91.92	-89.04	7.10	16.88	529.81	-42.92	16.98	469.91	175.26
336	3	358	8.64	5.96	-149.93	-148.95	4.97	-12.37	630.64	-86.67	-69.17	613.14	-110.67
		242	9.28	16.61	-163.21	-161.42	14.82	-17.88	840.90	131.95	156.98	815.87	-130.84
		239	10.02	21.52	-173.18	-172.93	21.27	7.04	907.11	152.08	157.94	901.24	66.29
		362	9.19	9.38	-156.72	-156.71	9.36	1.54	682.48	-82.71	-76.47	676.24	68.82
336	12	358	6.41	-0.08	-117.06	-116.75	-0.40	-6.03	489.55	-32.51	-30.97	488.01	-28.28
		242	6.78	9.70	-123.91	-122.81	8.61	-12.04	621.22	117.69	119.30	619.61	-28.41
		239	7.28	16.90	-116.76	-116.70	16.84	2.74	719.90	131.95	147.20	704.64	93.47
		362	6.69	6.47	-107.14	-107.13	6.46	1.14	582.45	-19.56	-6.49	569.38	87.72
336	39	358	6.22	-5.79	-110.68	-110.61	-5.86	2.72	548.72	-10.34	-6.11	544.49	-48.44
		242	6.62	3.34	-116.75	-116.66	3.25	-3.30	677.41	138.38	143.32	672.48	-51.35
		239	7.35	11.29	-117.49	-116.46	10.26	11.48	763.38	154.42	162.33	755.47	68.99
		362	6.77	0.68	-107.79	-106.88	-0.23	9.88	630.87	2.28	9.34	623.81	66.22
337	3	355	7.79	6.07	-140.45	-138.12	3.74	-18.34	503.10	-125.33	-67.84	445.61	-181.18
		279	8.27	16.63	-149.26	-145.59	12.96	-24.39	674.61	40.81	118.82	596.59	-208.23
		242	9.15	20.19	-160.00	-158.88	19.08	-14.12	814.02	125.72	151.16	788.59	-129.86
		358	8.62	10.59	-148.52	-146.98	9.05	-15.59	609.67	-87.23	-69.41	591.85	-110.02
337	12	355	5.86	-3.43	-119.04	-118.26	-4.21	-9.46	365.03	-59.81	-46.86	352.08	-73.04

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		279	6.03	5.65	-122.25	-120.39	3.79	-15.32	473.14	65.04	80.86	457.31	-78.79
		242	6.63	10.46	-122.27	-121.52	9.71	-9.95	592.54	111.53	113.45	590.63	-30.29
		358	6.31	1.77	-116.51	-115.77	1.03	-9.34	463.36	-35.62	-33.99	461.74	-28.43
337	44	355	5.89	-3.08	-119.55	-118.91	-3.72	-8.64	364.68	-62.66	-49.89	351.91	-72.75
		279	6.07	6.01	-122.68	-121.02	4.35	-14.50	473.67	62.29	77.86	458.11	-78.50
		242	6.67	10.92	-122.67	-122.04	10.29	-9.13	593.27	108.76	110.60	591.43	-29.81
		358	6.35	2.15	-116.92	-116.31	1.54	-8.51	463.14	-38.45	-36.88	461.58	-27.97
338	3	367	6.82	3.61	-130.26	-126.91	0.26	-20.90	357.86	-188.17	-68.11	237.80	-226.14
		278	7.10	13.72	-133.49	-128.06	8.29	-27.75	481.10	-93.23	69.12	318.75	-258.62
		279	8.32	19.55	-148.26	-144.77	16.06	-23.95	673.94	39.77	118.45	595.26	-209.06
		355	7.86	9.32	-139.83	-137.37	6.86	-18.97	502.20	-125.78	-67.77	444.19	-181.83
338	24	367	5.86	-1.89	-140.84	-135.09	-7.64	-27.68	92.80	-146.08	-102.22	48.94	-92.49
		278	5.74	6.12	-140.49	-132.40	-1.97	-33.48	178.21	-55.38	-0.70	123.53	-98.91
		279	6.13	13.57	-137.90	-130.20	5.87	-33.28	323.04	29.57	43.85	308.76	-63.15
		355	6.05	5.13	-133.91	-127.91	-0.87	-28.26	207.25	-98.19	-86.43	195.50	-58.75
338	56	367	5.95	-1.19	-143.26	-137.26	-7.19	-28.57	78.64	-153.61	-109.22	34.24	-91.32
		278	5.82	6.80	-142.94	-134.58	-1.56	-34.37	165.62	-62.47	-7.40	110.54	-97.62
		279	6.18	14.39	-139.79	-131.80	6.40	-34.17	309.65	23.53	37.37	295.82	-61.38
		355	6.10	5.97	-135.78	-129.51	-0.30	-29.15	192.29	-104.64	-93.21	180.86	-57.11
339	3	366	5.71	-0.48	-119.15	-115.96	-3.67	-19.20	195.48	-276.09	-71.82	-8.79	-233.67
		276	5.80	8.53	-115.30	-109.56	2.79	-26.04	257.07	-275.10	6.63	-24.67	-265.62
		278	7.15	16.76	-132.57	-127.18	11.37	-27.87	480.58	-95.09	68.82	316.68	-259.79
		367	6.85	6.63	-129.38	-126.08	3.34	-20.92	356.82	-189.05	-67.87	235.64	-226.86
339	22	366	5.73	-7.53	-148.38	-142.24	-13.66	-28.76	-15.79	-229.98	-111.29	-134.48	-106.46
		276	5.39	-1.43	-142.32	-133.71	-10.04	-33.74	38.48	-195.66	-44.07	-113.11	-111.87
		278	5.75	8.65	-140.67	-130.25	-1.78	-38.06	171.82	-54.33	7.58	109.92	-100.83
		367	5.85	0.89	-140.62	-132.88	-6.85	-32.17	83.55	-142.86	-94.11	34.79	-93.07
339	54	366	5.85	-6.93	-151.49	-144.94	-13.49	-30.07	-26.87	-240.90	-117.58	-150.18	-105.77
		276	5.51	-0.89	-145.49	-136.42	-9.96	-35.05	29.08	-206.19	-50.03	-127.08	-111.15
		278	5.83	9.39	-143.23	-132.29	-1.55	-39.37	159.05	-61.44	1.66	95.95	-99.66
		367	5.93	1.68	-143.12	-134.91	-6.52	-33.48	68.99	-150.27	-100.37	19.10	-91.93
340	1	365	5.44	-21.28	-154.26	-153.24	-22.30	-11.60	-3.10	-280.42	-88.54	-194.99	-128.04
		277	4.89	-17.11	-135.56	-134.13	-18.55	-12.94	-2.62	-332.68	-55.40	-279.90	-120.97
		276	5.45	-5.61	-140.23	-134.96	-10.89	-26.12	188.93	-130.73	21.98	36.22	-159.67
		366	5.85	-14.15	-149.04	-146.34	-16.85	-18.89	144.84	-170.51	-59.53	33.86	-150.60
340	26	365	5.77	-13.39	-158.28	-155.36	-16.31	-20.36	-88.51	-359.25	-133.49	-314.27	-100.77
		277	5.23	-11.05	-144.39	-140.89	-14.55	-21.31	-71.35	-389.39	-103.17	-357.57	-95.44
		276	5.38	0.35	-140.40	-132.96	-7.09	-31.49	43.72	-207.15	-45.72	-117.71	-120.16
		366	5.70	-5.53	-146.45	-141.51	-10.48	-25.93	-11.61	-241.88	-113.12	-140.37	-114.33
340	58	365	5.92	-13.06	-161.99	-158.84	-16.22	-21.44	-96.10	-373.67	-139.73	-330.04	-101.02
		277	5.37	-10.83	-148.14	-144.39	-14.58	-22.38	-77.82	-402.74	-109.05	-371.50	-95.77
		276	5.49	0.83	-143.44	-135.67	-6.94	-32.57	34.67	-218.16	-51.81	-131.68	-119.94
		366	5.82	-4.97	-149.43	-144.19	-10.21	-27.01	-22.21	-253.54	-119.57	-156.18	-114.21
341	3	232	6.34	-2.71	-88.56	-87.14	-4.13	-10.95	-151.35	-800.11	-153.42	-798.04	-36.53
		380	9.02	5.47	-47.74	-47.70	5.43	-1.43	-193.23	-1302.28	-193.44	-1302.07	15.37
		403	5.77	22.06	-80.27	-69.31	11.11	-31.64	30.09	-630.44	-9.50	-590.86	-156.78
		277	5.02	5.64	-97.61	-92.68	0.70	-22.03	34.07	-518.14	-77.16	-406.91	-221.48
341	24	232	6.57	-12.45	-155.22	-153.92	-13.76	-13.60	-159.21	-603.26	-163.38	-599.10	-42.79
		380	7.31	-10.28	-120.42	-119.47	-11.24	10.21	-167.47	-872.20	-168.17	-871.49	22.26
		403	5.47	1.92	-119.03	-113.04	-4.06	-26.23	-42.12	-439.09	-48.05	-433.15	-48.16
		277	5.15	-7.01	-137.68	-135.86	-8.83	-15.31	-74.31	-396.71	-113.79	-357.23	-105.69
341	56	232	6.74	-12.30	-159.28	-157.94	-13.63	-13.92	-164.49	-616.89	-168.90	-612.49	-44.42
		380	7.46	-10.32	-124.40	-123.54	-11.18	9.88	-172.70	-883.56	-173.29	-882.98	20.41
		403	5.59	2.03	-122.14	-116.18	-3.94	-26.55	-47.38	-450.87	-53.55	-444.70	-49.52
		277	5.29	-6.66	-140.80	-138.96	-8.51	-15.64	-80.40	-409.99	-119.71	-370.68	-106.82
342	3	380	9.16	9.02	-51.87	-48.14	5.29	-14.60	-207.59	-1325.38	-207.60	-1325.36	-4.01
		381	12.63	27.21	14.21	16.34	25.09	-4.81	-169.57	-1878.51	-172.50	-1875.58	70.70
		407	8.17	50.19	-62.72	-41.25	28.73	-44.30	203.26	-716.59	196.73	-710.06	77.24
		403	5.79	24.80	-81.84	-68.56	11.51	-35.22	17.39	-645.39	-22.81	-605.18	-158.20
342	28	380	7.18	-5.84	-112.59	-109.88	-8.55	-16.78	-169.48	-873.92	-170.14	-873.26	-21.49
		381	8.73	3.32	-57.10	-56.30	2.52	6.92	-131.70	-1221.09	-136.27	-1216.52	70.44
		407	6.92	23.36	-91.20	-76.69	8.85	-38.09	118.03	-524.27	94.42	-500.65	120.87
		403	5.28	3.67	-110.38	-104.30	-2.41	-25.62	-47.34	-448.20	-52.68	-442.85	-45.96
342	60	380	7.31	-5.68	-115.74	-113.00	-8.42	-17.15	-174.08	-885.57	-174.87	-884.78	-23.69
		381	8.84	3.23	-60.14	-59.45	2.54	6.55	-136.46	-1230.76	-140.69	-1226.52	67.94
		407	7.00	23.38	-93.53	-79.10	8.94	-38.46	112.10	-533.40	89.46	-510.75	118.75
		403	5.39	3.99	-112.77	-106.67	-2.12	-25.99	-52.15	-460.14	-57.82	-454.47	-47.77
343	3	381	12.96	41.73	1.47	17.57	25.63	-19.73	-205.60	-1930.32	-207.20	-1928.72	52.48
		382	14.02	101.06	50.86	100.03	51.89	-7.12	102.30	-2002.85	91.66	-1992.21	149.26
		399	13.11	64.27	-45.18	-24.21	43.31	-43.07	941.21	-785.87	696.13	-540.78	602.67
		407	8.38	56.09	-62.36	-38.50	32.23	-47.51	193.84	-730.35	184.69	-721.20	91.49
343	22	381	8.73	14.94	-54.70	-43.95	4.19	-25.16	-158.76	-1229.10	-159.83	-1228.03	33.77
		382	9.75	27.99	27.06	27.08	27.97	-0.13	41.06	-1366.67	28.48	-1354.09	132.52

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		399	10.51	46.51	-66.56	-44.37	24.33	-44.91	647.73	-605.85	425.04	-383.15	479.13
		407	6.83	29.60	-81.73	-64.27	12.13	-40.49	126.33	-515.29	92.56	-481.52	143.27
343	54	381	8.81	15.20	-56.95	-46.02	4.28	-25.86	-163.21	-1236.57	-164.12	-1235.66	31.23
		382	9.80	28.17	24.76	24.99	27.95	-0.84	36.72	-1371.66	24.62	-1359.55	130.01
		399	10.56	46.87	-68.28	-45.83	24.43	-45.61	642.10	-609.68	421.06	-388.64	477.31
		407	6.89	30.06	-83.43	-65.71	12.34	-41.20	120.93	-521.94	88.16	-489.17	141.39
344	3	382	13.85	121.47	42.83	99.77	64.54	-35.16	36.96	-1870.94	17.46	-1851.43	191.92
		8	9.77	143.62	3.69	137.78	9.54	28.00	371.20	-601.60	356.49	-586.88	118.72
		199	16.01	-1.97	-38.51	-20.47	-20.00	-18.27	1801.49	-709.62	1190.92	-99.06	1077.22
		399	15.12	65.26	-33.57	-22.83	54.52	-30.76	1243.44	-902.28	737.02	-395.87	911.14
344	28	382	10.01	74.89	5.97	42.73	38.14	-34.38	24.60	-1314.59	8.79	-1298.79	144.63
		8	6.93	95.41	7.70	89.85	13.26	21.37	277.38	-477.98	264.11	-464.72	99.21
		199	12.44	13.75	-46.69	-25.42	-7.53	-28.86	1275.50	-517.75	849.64	-91.89	763.10
		399	12.08	47.62	-44.17	-32.27	35.72	-30.83	944.16	-703.41	529.46	-288.70	715.04
344	60	382	10.07	75.25	5.42	42.17	38.50	-34.87	24.95	-1320.23	9.68	-1304.95	142.51
		8	6.92	94.58	7.88	89.21	13.24	20.88	278.70	-480.33	265.71	-467.33	98.48
		199	12.49	13.95	-47.60	-26.09	-7.56	-29.35	1277.97	-518.64	853.40	-94.07	763.24
		399	12.14	48.18	-44.97	-32.87	36.07	-31.32	944.01	-705.95	532.49	-294.43	713.90
345	3	242	9.46	17.94	-163.68	-161.41	15.66	-20.20	843.20	114.17	139.73	817.64	-134.09
		384	9.29	26.28	-183.34	-180.03	22.97	-26.13	1112.12	640.73	669.09	1083.76	-112.08
		383	10.12	30.33	-196.82	-196.72	30.24	4.60	1204.23	697.79	700.67	1201.34	38.12
		239	10.11	21.72	-172.98	-172.98	21.72	0.82	909.08	133.23	139.14	903.17	67.46
345	12	242	6.95	11.00	-125.02	-123.11	9.09	-16.02	623.80	100.66	102.28	622.19	-29.04
		384	6.86	20.05	-136.40	-133.07	16.72	-22.59	790.41	493.20	493.25	790.36	-3.76
		383	7.39	25.18	-132.79	-132.70	25.08	-3.84	895.18	473.81	488.43	880.55	77.12
		239	7.34	16.97	-118.18	-118.04	16.83	-4.31	721.78	117.63	132.34	707.06	93.13
345	44	242	7.01	11.61	-125.36	-123.62	9.87	-15.32	625.86	97.52	99.04	624.35	-28.27
		384	6.87	20.67	-136.68	-133.57	17.56	-21.89	793.28	494.56	494.59	793.25	-2.89
		383	7.46	26.01	-133.16	-133.10	25.95	-3.14	898.25	471.32	486.18	883.39	78.25
		239	7.41	17.73	-118.55	-118.45	17.63	-3.61	724.31	114.92	130.06	709.17	94.85
346	3	239	9.99	15.73	-174.25	-174.22	15.70	2.29	910.73	130.40	137.57	903.56	74.43
		383	9.99	24.12	-198.51	-198.41	24.01	4.82	1208.35	694.39	697.86	1204.88	42.09
		385	8.93	30.87	-187.13	-181.37	25.12	34.96	876.82	388.14	483.33	781.64	193.53
		251	9.09	15.64	-165.82	-162.21	12.04	25.32	667.47	-49.79	57.97	559.71	256.28
346	22	239	6.75	22.16	-121.84	-114.28	14.60	-32.13	679.80	114.39	142.06	652.13	121.99
		383	7.41	28.12	-136.20	-129.40	21.32	-32.74	853.70	456.54	495.44	814.81	118.05
		385	5.89	28.32	-99.79	-98.43	26.96	-13.15	694.16	301.20	407.55	587.81	174.59
		251	5.24	20.35	-88.48	-85.55	17.41	-17.62	581.22	47.11	140.89	487.44	203.22
346	54	239	6.79	24.06	-122.67	-114.24	15.64	-34.13	680.67	111.31	140.70	651.28	125.98
		383	7.47	29.89	-136.95	-129.37	22.31	-34.74	854.64	452.12	493.92	812.83	122.80
		385	5.95	29.92	-99.29	-97.49	28.12	-15.15	697.08	297.63	408.38	586.33	178.82
		251	5.22	22.23	-88.20	-84.60	18.63	-19.62	583.54	45.09	141.80	486.84	206.69
347	3	251	8.99	9.47	-166.10	-162.38	5.74	25.30	668.07	-62.32	53.95	551.79	267.22
		385	8.93	25.28	-188.65	-181.94	18.56	37.31	882.77	372.06	472.27	782.56	202.82
		386	6.84	27.52	-148.37	-132.72	11.87	50.08	243.46	-364.04	92.38	-212.96	262.59
		252	7.15	3.21	-142.69	-132.39	-7.09	37.37	183.20	-436.56	-70.76	-182.60	304.79
347	20	251	6.61	18.89	-101.70	-98.73	15.92	18.69	597.56	31.55	111.24	517.87	196.87
		385	6.61	32.99	-115.19	-111.15	28.94	24.15	693.25	297.80	373.48	617.57	155.57
		386	4.33	39.75	-75.18	-63.74	28.31	34.41	263.27	-44.77	146.18	72.32	149.53
		252	4.54	20.07	-71.23	-62.70	11.54	26.58	279.82	-98.85	43.33	137.64	183.37
347	52	251	6.72	20.76	-102.34	-98.98	17.41	20.05	599.56	29.31	110.31	518.55	199.08
		385	6.72	35.15	-115.79	-111.34	30.71	25.51	694.81	295.17	372.42	617.57	157.81
		386	4.45	42.29	-75.57	-63.47	30.18	35.78	264.53	-46.98	145.21	72.33	151.43
		252	4.65	22.34	-71.68	-62.47	13.13	27.94	281.77	-100.94	42.50	138.33	185.26
348	3	252	6.76	-7.46	-137.35	-130.42	-14.39	29.20	178.80	-461.41	-70.31	-212.30	312.13
		386	7.59	27.97	-154.26	-130.70	4.41	61.14	248.98	-391.96	78.12	-221.10	283.40
		387	11.84	-2.89	-74.36	-71.29	-5.96	14.49	-312.08	-1779.13	-312.08	-1779.12	-2.05
		253	8.06	-15.56	-119.23	-107.54	-27.24	32.78	-219.11	-1122.51	-219.17	-1122.44	7.85
348	23	252	4.27	-19.63	-95.05	-87.22	-27.45	23.00	42.51	-323.68	-43.37	-237.80	155.16
		386	4.34	2.43	-104.10	-87.00	-14.67	39.10	101.56	-284.13	58.74	-241.31	121.17
		387	7.10	-16.01	-61.66	-53.86	-23.81	17.18	-181.14	-1095.48	-182.98	-1093.64	-40.99
		253	5.31	-28.24	-84.79	-74.93	-38.10	21.45	-139.55	-701.59	-139.57	-701.58	-3.03
348	55	252	4.44	-20.33	-97.94	-89.38	-28.89	24.31	27.96	-351.11	-52.24	-270.90	154.83
		386	4.49	1.80	-106.97	-88.99	-16.18	40.41	91.10	-310.96	50.65	-270.51	120.95
		387	7.32	-17.20	-66.01	-57.54	-25.67	18.49	-189.73	-1124.55	-191.39	-1122.89	-39.32
		253	5.57	-29.36	-89.10	-78.58	-39.88	22.75	-148.76	-734.74	-148.76	-734.73	-1.26
349	3	384	9.53	28.17	-184.32	-180.25	24.10	-29.11	1118.54	618.79	647.72	1089.60	-116.72
		389	15.70	21.72	-205.71	-201.28	17.30	-31.41	1690.74	1348.41	1690.60	1348.55	6.89
		388	16.87	22.98	-224.13	-224.12	22.98	-1.42	1802.29	1497.91	1799.09	1501.10	-31.02
		383	10.31	31.58	-197.26	-197.25	31.57	-1.61	1211.80	673.53	676.35	1208.98	38.85
349	28	384	7.19	34.80	-151.63	-136.21	19.38	-51.35	698.78	417.10	420.87	695.02	32.36
		389	11.57	32.96	-165.45	-148.66	16.17	-55.22	1143.78	815.72	1089.37	870.13	122.02
		388	11.57	31.06	-157.04	-149.62	23.64	-36.60	1209.45	934.08	1176.05	967.48	89.90

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		383	7.41	35.95	-139.71	-132.36	28.61	-35.17	831.72	428.32	470.34	789.70	123.23
349	60	384	7.26	36.65	-153.25	-136.99	20.40	-53.13	693.56	411.94	416.83	688.67	36.80
		389	11.64	34.65	-167.13	-149.49	17.01	-56.99	1143.61	807.67	1085.69	865.60	126.90
		388	11.62	32.64	-158.06	-149.99	24.58	-38.37	1210.72	926.24	1173.73	963.23	95.68
		383	7.48	37.72	-140.70	-132.70	29.72	-36.94	829.34	421.96	467.67	783.64	128.57
350	3	383	10.16	25.20	-198.69	-198.69	25.20	-0.36	1215.09	670.15	673.58	1211.66	43.12
		388	16.92	17.74	-226.73	-226.73	17.74	-0.46	1799.28	1505.61	1795.31	1509.57	-33.91
		390	14.17	30.41	-210.84	-206.28	25.85	32.85	1371.52	1044.15	1367.90	1047.77	-34.21
		385	9.00	30.76	-185.97	-181.62	26.40	30.41	880.62	366.02	461.15	785.49	199.76
350	28	383	7.47	34.65	-139.32	-132.72	28.06	-33.21	878.87	437.35	479.00	837.23	129.04
		388	11.59	30.47	-157.48	-150.66	23.65	-35.14	1216.27	956.80	1177.83	995.25	92.18
		390	9.19	34.22	-122.65	-121.49	33.06	-13.45	956.58	710.90	945.36	722.12	51.30
		385	6.05	34.38	-105.91	-104.62	33.10	-13.38	716.79	282.66	392.29	607.15	188.61
350	60	383	7.54	36.74	-140.16	-132.99	29.57	-34.89	881.77	432.52	477.36	836.93	134.66
		388	11.63	32.38	-158.35	-150.96	24.98	-36.82	1219.05	951.00	1176.05	994.00	98.37
		390	9.21	35.97	-122.60	-121.15	34.51	-15.13	959.53	707.63	945.84	721.33	57.12
		385	6.13	36.34	-105.87	-104.25	34.72	-15.06	721.56	278.47	392.76	607.26	193.86
351	3	385	8.95	24.57	-186.63	-182.10	20.04	30.60	887.28	350.55	450.57	787.26	208.99
		390	14.07	25.36	-213.12	-207.48	19.71	36.27	1350.24	1053.73	1346.51	1057.46	-33.05
		391	9.50	41.71	-151.77	-135.99	25.93	52.95	530.45	-125.01	530.26	-124.82	11.28
		386	6.95	27.91	-147.80	-132.82	12.93	49.06	238.64	-382.49	75.43	-219.27	273.38
351	27	385	5.42	2.77	-123.87	-117.72	-3.39	27.24	555.60	299.55	344.41	510.74	97.34
		390	9.41	5.10	-140.44	-134.55	-0.79	28.69	914.34	656.63	899.09	671.88	-60.79
		391	6.42	20.33	-105.18	-88.93	4.08	42.14	391.29	-12.91	380.79	-2.42	-64.28
		386	4.09	9.57	-101.70	-84.77	-7.36	39.97	160.40	-105.78	99.88	-45.26	111.56
351	59	385	5.44	2.48	-125.61	-118.51	-4.61	29.30	544.11	298.72	341.98	500.85	93.51
		390	9.46	4.81	-142.07	-135.33	-1.93	30.75	914.57	648.86	897.47	665.97	-65.22
		391	6.52	20.36	-108.21	-90.60	2.76	44.20	388.40	-19.94	377.18	-8.71	-66.76
		386	4.20	9.62	-104.85	-86.46	-8.77	42.03	153.12	-113.20	95.46	-55.54	109.69
352	3	386	6.75	17.86	-142.42	-130.67	6.11	41.78	242.86	-408.45	61.86	-227.45	291.76
		391	9.05	42.59	-160.08	-136.09	18.60	65.47	485.40	-74.99	483.80	-73.39	29.91
		392	15.82	29.82	-28.85	-23.63	24.60	16.70	-328.76	-2340.92	-329.02	-2340.66	-22.91
		387	12.23	14.71	-90.81	-71.00	-5.10	41.21	-327.05	-1814.13	-327.10	-1814.08	8.84
352	15	386	4.05	26.17	-87.16	-74.76	13.76	35.38	140.86	-212.05	74.72	-145.91	137.72
		391	6.58	42.55	-97.47	-80.31	25.39	45.92	332.03	-109.69	328.56	-106.22	-39.00
		392	9.88	46.64	-9.14	6.95	30.56	25.27	-157.00	-1380.10	-161.89	-1375.21	-77.21
		387	7.18	29.80	-40.92	-19.07	7.95	32.68	-158.59	-1016.35	-159.48	-1015.47	-27.51
352	47	386	4.17	28.10	-88.98	-75.59	14.71	37.26	133.18	-229.88	69.01	-165.70	138.49
		391	6.72	44.62	-99.29	-81.12	26.45	47.80	326.06	-129.07	322.86	-125.86	-38.04
		392	10.06	49.00	-10.87	6.47	31.66	27.15	-162.39	-1399.48	-167.11	-1394.75	-76.30
		387	7.36	32.07	-42.70	-19.57	8.94	34.56	-163.92	-1035.98	-164.73	-1035.16	-26.68
353	3	389	15.59	23.29	-207.31	-201.27	17.25	-36.81	1666.18	1350.74	1666.06	1350.86	6.30
		394	27.56	-15.01	-219.94	-217.00	-17.95	-24.37	3583.81	1464.09	3536.83	1511.07	312.06
		393	29.69	-18.64	-250.76	-249.60	-19.81	-16.40	3828.43	1668.72	3818.02	1679.12	-149.58
		388	16.71	26.45	-225.20	-225.09	26.33	-5.31	1772.06	1510.43	1768.10	1514.39	-31.93
353	20	389	11.49	25.11	-154.38	-145.92	16.65	-38.03	1210.37	935.33	1183.09	962.62	82.22
		394	19.23	-0.26	-162.24	-156.07	-6.42	-31.00	2439.47	993.69	2386.58	1046.58	271.42
		393	19.86	-1.68	-173.93	-169.55	-6.06	-27.10	2535.05	1131.75	2533.48	1133.32	-46.95
		388	11.81	26.44	-156.39	-154.44	24.48	-18.81	1262.24	1056.54	1255.30	1063.48	37.14
353	52	389	11.55	25.83	-154.81	-146.50	17.52	-37.84	1217.54	938.87	1189.86	966.55	83.36
		394	19.29	0.24	-162.75	-156.71	-5.80	-30.80	2446.39	996.64	2393.18	1049.85	272.61
		393	19.93	-1.19	-174.63	-170.35	-5.47	-26.91	2541.79	1135.12	2540.28	1136.63	-46.07
		388	11.88	27.22	-157.08	-155.18	25.32	-18.62	1269.40	1060.31	1262.27	1067.45	37.96
354	3	388	16.74	18.09	-227.68	-227.41	17.82	-8.11	1768.55	1510.47	1762.20	1516.82	-39.98
		393	29.82	-20.77	-252.46	-252.40	-20.82	-3.55	3835.35	1686.58	3824.50	1697.44	-152.34
		395	25.98	-6.27	-235.55	-234.70	-7.13	13.94	3211.58	1129.90	3057.04	1284.44	-545.73
		390	13.99	33.15	-210.54	-206.67	29.28	30.47	1343.72	1050.51	1339.31	1054.92	-35.69
354	20	388	11.79	24.86	-156.99	-154.98	22.85	-18.99	1255.86	1054.70	1250.08	1060.48	33.60
		393	19.88	-3.13	-173.09	-171.22	-5.00	-17.73	2534.71	1137.63	2532.51	1139.83	-55.38
		395	16.68	7.76	-152.14	-151.86	7.47	-6.73	2085.54	770.15	1992.52	863.16	-337.19
		390	9.54	32.96	-132.80	-132.59	32.75	5.90	971.25	778.35	971.05	778.55	-6.18
354	47	388	11.80	15.82	-155.00	-154.89	15.71	-4.22	1268.96	1079.58	1268.35	1080.19	-10.74
		393	19.95	-10.33	-170.85	-170.80	-10.38	-2.97	2557.83	1149.10	2550.44	1156.48	-101.73
		395	17.10	2.08	-154.68	-154.27	1.67	8.03	2122.03	760.34	2003.84	878.52	-383.35
		390	9.80	27.79	-137.89	-135.27	25.17	20.66	995.50	784.28	982.74	797.04	-50.32
355	3	390	13.85	25.13	-210.79	-207.48	21.83	27.72	1326.02	1056.67	1319.66	1063.03	-40.90
		395	25.99	-6.49	-240.57	-236.48	-10.58	30.68	3168.58	1139.75	3012.39	1295.94	-540.83
		396	16.88	21.72	-146.75	-138.87	13.85	35.56	1703.80	-113.62	1449.81	140.37	-630.16
		391	9.51	42.52	-152.57	-136.72	26.67	53.30	520.13	-128.66	520.05	-128.57	7.49
355	15	390	9.59	24.39	-136.65	-134.51	22.25	18.44	957.09	710.27	950.09	717.28	-40.98
		395	17.03	1.82	-156.47	-154.52	-0.14	17.49	2074.18	722.27	1959.78	836.67	-376.25
		396	11.21	25.16	-90.27	-85.03	19.92	24.02	1152.67	-70.96	938.53	143.18	-464.95
		391	6.45	39.09	-90.89	-79.76	27.95	36.37	424.60	24.52	415.85	33.27	-58.51

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
355	47	390	9.67	25.54	-137.79	-135.28	23.03	20.08	961.80	708.03	954.15	715.68	-43.38
		395	17.13	2.66	-157.68	-155.36	0.34	19.13	2080.59	720.78	1964.36	837.00	-380.18
		396	11.32	26.27	-91.73	-85.87	20.41	25.65	1154.47	-73.54	938.40	142.54	-467.61
		391	6.54	40.66	-92.45	-80.53	28.74	38.01	424.23	21.54	415.22	30.54	-59.54
356	3	391	8.73	35.22	-147.75	-136.96	24.43	43.10	479.60	-57.77	479.11	-57.28	16.24
		396	16.80	20.51	-161.57	-140.43	-0.62	58.33	1634.98	-60.74	1328.08	246.16	-652.87
		397	15.13	44.03	22.11	24.07	42.08	-6.25	-86.80	-2161.14	-95.75	-2152.20	-135.93
		392	16.35	52.77	-51.68	-23.16	24.25	46.53	-355.91	-2406.71	-355.92	-2406.69	-6.03
356	15	391	6.44	37.44	-88.09	-79.77	29.11	31.24	357.75	-99.16	349.54	-90.95	-60.70
		396	11.40	24.53	-97.00	-85.76	13.29	35.20	1068.00	-176.86	833.81	57.32	-486.51
		397	9.45	47.64	26.91	30.89	43.67	8.16	-5.56	-1259.19	-23.50	-1241.25	-148.88
		392	10.10	55.48	-14.68	10.07	30.73	33.53	-174.46	-1418.82	-175.91	-1417.37	-42.49
356	47	391	6.58	39.19	-89.48	-80.48	30.19	32.82	353.78	-118.26	345.73	-110.21	-61.13
		396	11.51	26.06	-98.56	-86.54	14.04	36.78	1063.05	-189.55	830.88	42.62	-486.74
		397	9.59	49.51	25.59	30.60	44.50	9.74	-10.40	-1273.73	-27.88	-1256.25	-147.58
		392	10.27	57.66	-15.93	9.84	31.89	35.10	-179.87	-1438.23	-181.19	-1436.92	-40.61
357	3	394	28.71	-13.25	-234.90	-219.80	-28.35	-55.86	3658.11	1317.74	3564.14	1411.70	459.44
		183	45.14	-74.90	-212.51	-190.82	-96.59	50.14	6647.83	1462.63	6561.55	1548.92	663.29
		182	51.12	-69.83	-335.84	-291.32	-114.35	-99.30	7093.55	1676.92	7079.08	1691.40	-279.67
		393	30.32	-9.07	-244.12	-243.85	-9.34	7.96	3920.61	1595.39	3910.67	1605.33	-151.73
357	20	394	20.62	5.61	-172.90	-155.53	-11.77	-52.91	2578.61	906.43	2490.20	994.84	374.20
		183	31.10	-62.48	-142.95	-139.54	-65.89	16.21	4515.39	991.97	4454.04	1053.32	460.87
		182	33.86	-30.27	-235.13	-191.43	-73.97	-83.92	4690.57	1109.46	4681.89	1118.14	-176.08
		393	20.83	1.03	-167.22	-166.12	-0.08	-13.58	2696.91	1099.74	2695.14	1101.52	-53.23
357	52	394	20.73	6.10	-173.27	-156.05	-11.12	-52.84	2593.25	910.98	2504.71	999.52	375.64
		183	31.21	-62.48	-143.55	-140.14	-65.90	16.28	4529.91	994.75	4468.25	1056.41	462.79
		182	33.99	-30.46	-235.69	-192.22	-73.93	-83.86	4706.55	1113.17	4698.03	1121.69	-174.83
		393	20.95	1.60	-167.91	-166.83	0.52	-13.51	2713.31	1104.83	2711.59	1106.55	-52.56
358	3	393	30.45	-14.84	-270.61	-261.02	-24.44	-48.61	3908.77	1558.95	3871.82	1595.90	-292.32
		182	50.75	-78.45	-292.02	-249.66	-120.81	85.16	7213.82	1721.89	7213.71	1722.00	-25.10
		184	44.31	-47.86	-330.38	-273.21	-105.03	-113.51	6214.53	1183.11	5978.10	1419.54	-1064.74
		395	27.94	12.73	-239.97	-229.46	2.21	50.46	3382.04	939.06	3098.69	1222.40	-782.25
358	20	393	20.92	6.55	-187.67	-174.55	-6.58	-48.75	2682.32	1078.79	2668.53	1092.58	-148.05
		182	33.49	-68.84	-180.50	-169.63	-79.70	33.09	4748.28	1126.41	4747.90	1126.79	-36.93
		184	28.05	-12.05	-228.65	-176.22	-64.49	-92.78	3945.39	739.43	3781.79	903.02	-705.49
		395	18.27	14.34	-150.04	-148.98	13.27	13.21	2285.15	667.67	2111.42	841.39	-500.82
358	52	393	21.04	7.25	-188.11	-175.16	-5.71	-48.61	2698.65	1083.95	2684.97	1097.63	-148.02
		182	33.61	-68.82	-181.31	-170.44	-79.69	33.23	4764.34	1129.47	4763.95	1129.86	-37.56
		184	28.16	-12.35	-229.16	-177.05	-64.45	-92.64	3958.57	742.16	3794.82	905.91	-707.01
		395	18.38	15.20	-150.76	-149.68	14.12	13.35	2298.16	672.80	2124.83	846.13	-501.68
359	3	395	26.86	-7.22	-240.77	-238.99	-9.00	-20.30	3437.52	816.45	3024.46	1229.51	-955.01
		184	45.91	-43.11	-313.66	-247.31	-109.46	116.40	6124.60	1309.73	5995.43	1438.89	-777.97
		185	26.72	28.95	-229.89	-151.75	-49.19	-118.83	3514.93	-135.86	2811.67	567.40	-1439.75
		396	20.99	49.63	-175.00	-141.89	16.52	79.63	1941.37	-351.13	1442.49	147.75	-945.94
359	15	395	18.21	2.79	-156.74	-155.28	1.33	-15.22	2347.23	545.40	2078.79	813.84	-641.58
		184	29.44	-38.81	-196.68	-163.18	-72.31	64.55	3912.59	799.50	3801.11	910.98	-578.46
		185	17.40	26.73	-145.11	-93.46	-24.91	-78.79	2192.07	-145.15	1670.14	376.78	-973.37
		396	14.32	42.02	-102.66	-83.33	22.69	49.22	1413.95	-199.90	1038.61	175.44	-681.81
359	47	395	18.37	2.99	-157.24	-156.06	1.81	-13.67	2363.14	546.48	2093.53	816.10	-645.84
		184	29.60	-37.92	-198.74	-164.12	-72.55	66.10	3929.34	801.04	3815.99	914.38	-584.58
		185	17.40	24.99	-144.16	-94.05	-25.12	-77.23	2204.35	-145.95	1679.20	379.21	-979.02
		396	14.47	43.51	-104.03	-83.78	23.25	50.78	1424.30	-199.90	1047.49	176.90	-685.59
360	3	396	18.99	15.70	-120.18	-119.82	15.34	6.98	2159.60	-462.96	1406.13	290.52	-1186.72
		185	28.67	36.38	-263.26	-173.95	-52.92	137.05	2840.18	-135.19	2266.33	438.66	-1173.92
		4	14.69	211.24	-58.32	127.84	25.08	-124.60	386.42	-833.62	168.74	-615.94	-467.11
		397	12.71	47.30	-43.31	-0.08	4.07	45.26	-189.87	-1888.73	-198.68	-1879.92	-122.04
360	27	396	13.32	3.88	-70.81	-69.65	2.72	9.24	1468.13	-428.91	968.32	70.90	-835.67
		185	17.76	15.70	-157.18	-107.33	-34.15	78.31	1676.81	-304.99	1283.71	88.11	-790.27
		4	8.23	121.17	-19.46	75.86	25.86	-65.72	246.63	-465.35	32.13	-250.85	-326.66
		397	7.94	39.45	-33.18	8.30	-2.04	35.94	-1.76	-1108.75	-21.21	-1089.30	-145.46
360	59	396	13.47	3.36	-71.81	-70.14	1.69	11.07	1467.87	-441.24	971.59	55.04	-837.36
		185	17.91	16.52	-159.48	-107.82	-35.15	80.15	1680.87	-315.29	1288.03	77.55	-793.63
		4	8.15	118.49	-18.79	74.94	24.76	-63.89	243.49	-474.20	31.62	-262.34	-327.36
		397	8.06	40.25	-36.04	7.37	-3.16	37.78	-3.76	-1125.14	-22.80	-1106.10	-144.86
361	3	277	5.04	3.32	-99.70	-94.04	-2.34	-23.47	32.10	-510.10	-72.17	-405.83	-213.69
		403	5.82	18.38	-81.03	-71.08	8.43	-29.84	39.53	-635.33	0.54	-596.34	-157.46
		402	5.37	29.62	-113.30	-100.38	16.70	-40.98	332.30	-161.62	200.45	-29.76	-218.49
		276	6.15	13.75	-116.35	-108.39	5.80	-31.18	257.50	-291.02	-2.64	-30.88	-273.89
361	22	277	5.30	-7.62	-141.18	-135.17	-13.62	-27.67	-67.10	-394.12	-103.76	-357.46	-103.17
		403	5.42	-0.98	-121.31	-112.54	-9.75	-31.28	-30.10	-439.42	-36.26	-433.25	-49.85
		402	5.11	14.99	-131.63	-116.82	0.18	-44.19	127.38	-114.26	97.05	-83.93	-80.06
		276	5.48	3.56	-137.85	-128.11	-6.18	-35.80	44.89	-215.67	-51.62	-119.16	-125.82
361	60	277	5.39	-8.08	-144.19	-140.02	-12.25	-23.45	-75.79	-421.50	-115.21	-382.07	-109.89

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		403	5.60	-1.91	-123.75	-117.41	-8.25	-27.06	-39.36	-463.93	-47.25	-456.04	-57.34
		402	5.19	13.57	-132.86	-120.99	1.70	-39.97	117.67	-140.89	83.84	-107.06	-87.20
		276	5.52	2.65	-139.67	-132.28	-4.74	-31.58	33.21	-242.59	-65.27	-144.11	-132.15
362	3	276	6.14	10.95	-117.67	-109.48	2.75	-31.41	257.35	-287.53	-2.56	-27.62	-272.15
		402	5.30	26.53	-114.14	-101.40	13.78	-40.38	331.91	-157.96	202.18	-28.22	-216.15
		404	6.82	32.23	-141.36	-130.82	21.69	-41.45	628.75	201.24	388.41	441.58	-212.09
		278	7.45	19.07	-134.45	-127.00	11.62	-32.99	482.12	-110.01	56.44	315.67	-266.19
362	22	276	5.55	2.59	-140.87	-129.05	-9.24	-39.45	38.46	-203.75	-50.67	-114.63	-116.81
		402	5.24	14.24	-134.34	-117.66	-2.44	-46.91	120.00	-113.74	98.90	-92.64	-66.98
		404	5.64	23.62	-142.35	-124.57	5.84	-51.33	274.23	154.38	223.57	205.05	-59.20
		278	5.93	12.63	-140.11	-126.51	-0.97	-43.50	170.76	-65.46	-3.44	108.74	-103.94
362	54	276	5.67	3.37	-143.76	-131.33	-9.06	-40.91	28.95	-214.32	-56.76	-128.62	-116.21
		402	5.36	14.94	-137.31	-119.96	-2.40	-48.37	113.49	-125.39	93.34	-105.24	-66.40
		404	5.72	24.48	-144.79	-126.31	6.00	-52.79	264.55	145.66	217.83	192.38	-58.07
		278	6.01	13.58	-142.48	-128.23	-0.67	-44.95	157.73	-72.71	-9.70	94.72	-102.71
363	3	278	7.41	16.09	-135.54	-127.94	8.49	-33.09	482.62	-108.22	56.68	317.71	-265.02
		404	6.73	29.07	-142.02	-131.60	18.66	-40.91	628.46	203.98	389.99	442.46	-210.61
		405	8.18	31.76	-163.50	-156.95	25.22	-35.15	888.69	459.32	544.35	803.65	-171.11
		279	8.58	21.68	-149.85	-144.69	16.52	-29.28	676.08	23.35	103.43	596.00	-214.15
363	22	278	5.93	11.98	-142.55	-127.21	-3.36	-46.21	161.37	-60.08	-1.04	102.33	-97.92
		404	5.66	23.07	-144.49	-125.15	3.72	-53.55	262.84	161.34	213.17	211.00	-50.74
		405	6.39	28.22	-148.14	-130.98	11.06	-52.28	448.42	330.03	333.82	444.63	-20.83
		279	6.25	19.13	-140.59	-125.98	4.53	-46.04	301.88	27.49	41.21	288.16	-59.79
363	54	278	6.02	13.10	-145.09	-128.93	-3.05	-47.91	147.32	-67.02	-7.11	87.41	-96.19
		404	5.75	24.12	-147.10	-126.88	3.91	-55.25	251.56	153.49	206.41	198.65	-48.88
		405	6.46	29.37	-150.26	-132.23	11.34	-53.98	435.45	325.26	328.41	432.30	-18.37
		279	6.30	20.37	-142.65	-127.21	4.93	-47.74	286.40	22.15	35.29	273.26	-57.44
364	3	279	8.50	18.41	-150.52	-145.43	13.32	-28.88	676.65	24.28	103.77	597.16	-213.40
		405	8.11	28.77	-164.39	-157.77	22.15	-35.14	888.93	461.17	545.61	804.49	-170.27
		384	9.16	29.94	-179.36	-176.87	27.45	-22.69	1078.82	623.53	652.32	1050.03	-110.81
		242	9.43	22.66	-161.97	-159.04	19.73	-23.05	816.37	108.14	134.10	790.42	-133.07
364	26	279	6.34	18.14	-141.84	-126.15	2.45	-47.58	317.10	23.26	33.68	306.68	-54.35
		405	6.43	27.64	-149.67	-131.21	9.17	-54.16	459.28	324.75	325.98	458.04	-12.81
		384	6.91	29.27	-147.49	-133.72	15.49	-47.38	623.87	403.25	406.55	620.57	26.78
		242	6.53	23.46	-138.15	-124.00	9.32	-45.67	441.82	75.84	75.85	441.81	-1.32
364	58	279	6.40	19.53	-143.99	-127.33	2.88	-49.45	302.96	17.47	27.10	293.34	-51.53
		405	6.50	28.96	-151.87	-132.41	9.50	-56.03	447.55	319.10	319.83	446.82	-9.64
		384	6.97	30.61	-149.18	-134.48	15.91	-49.25	613.81	396.54	400.89	609.45	30.47
		242	6.55	24.94	-139.85	-124.75	9.84	-47.55	428.59	70.30	70.31	428.58	2.02
365	1	403	5.42	0.72	-114.88	-104.37	-9.79	-33.24	20.98	-434.83	12.40	-426.25	-61.94
		407	7.56	23.88	-83.19	-67.53	8.22	-37.83	238.41	-563.06	211.45	-536.09	144.52
		406	8.62	35.38	-127.38	-105.50	13.50	-55.53	606.51	66.13	577.05	95.59	122.69
		402	5.30	16.13	-135.13	-119.12	0.13	-46.52	246.43	-16.19	188.77	41.47	-108.71
365	22	403	5.31	6.40	-118.06	-104.67	-6.98	-38.56	-41.65	-450.21	-50.59	-441.27	-59.76
		407	6.84	23.29	-94.33	-76.61	5.57	-42.08	123.47	-508.92	108.50	-493.95	96.13
		406	7.42	33.87	-123.17	-99.93	10.63	-55.76	398.86	-31.32	381.17	-13.63	85.42
		402	4.88	20.09	-128.41	-110.16	1.85	-48.75	115.82	-125.75	77.01	-86.94	-88.71
365	54	403	5.42	7.00	-120.82	-106.93	-6.89	-39.78	-47.25	-461.93	-56.46	-452.71	-61.11
		407	6.93	23.75	-97.16	-78.90	5.49	-43.30	117.62	-516.73	103.24	-502.36	94.40
		406	7.49	34.52	-125.53	-101.69	10.68	-56.98	392.36	-39.33	375.18	-22.15	84.40
		402	4.96	20.87	-130.70	-111.89	2.06	-49.97	108.90	-136.99	70.41	-98.50	-89.35
366	3	402	5.78	31.05	-118.03	-101.27	14.28	-47.10	328.12	-173.84	187.78	-33.49	-225.28
		406	8.50	43.86	-112.67	-95.03	26.22	-49.50	650.08	29.46	647.93	31.61	36.42
		378	10.95	40.76	-152.19	-138.35	26.93	-49.78	1060.10	603.49	1057.81	605.78	32.25
		404	7.19	35.90	-143.70	-130.68	22.87	-46.59	630.59	184.30	372.20	442.70	-220.34
366	22	402	5.03	20.75	-133.18	-111.35	-1.08	-53.70	110.97	-130.08	77.10	-96.21	-83.77
		406	7.55	33.57	-125.48	-100.27	8.36	-58.09	405.33	-39.37	385.17	-19.21	92.51
		378	8.95	36.71	-144.75	-120.13	12.10	-62.13	682.01	314.40	649.51	346.90	104.37
		404	5.50	29.23	-141.29	-119.57	7.51	-56.85	265.99	137.60	198.28	205.31	-64.10
366	54	402	5.13	21.77	-135.77	-113.08	-0.92	-55.31	103.54	-142.00	70.38	-108.84	-83.91
		406	7.65	34.49	-128.13	-102.03	8.38	-59.69	399.09	-48.11	379.18	-28.20	92.24
		378	9.03	37.74	-146.97	-121.45	12.22	-63.74	676.06	304.96	643.18	337.85	105.47
		404	5.57	30.37	-143.46	-120.86	7.77	-58.46	254.87	128.96	191.22	192.61	-62.95
367	3	404	7.16	33.14	-145.56	-131.82	19.40	-47.61	630.19	186.34	373.44	443.09	-219.17
		378	10.92	36.93	-151.29	-138.46	24.10	-47.45	1064.02	601.95	1061.58	604.39	33.51
		379	13.47	32.76	-181.41	-172.70	24.05	-42.31	1407.84	1024.17	1406.26	1025.75	24.54
		405	8.51	35.04	-165.50	-157.10	26.64	-40.17	893.93	440.21	525.85	808.29	-177.55
367	28	404	5.60	28.51	-143.04	-122.16	7.62	-56.09	284.45	161.55	216.29	229.70	-61.08
		378	9.02	34.80	-144.14	-122.08	12.74	-58.83	704.54	331.81	668.82	367.53	109.72
		379	10.35	34.82	-156.71	-137.35	15.45	-57.74	936.20	597.23	895.68	637.75	109.97
		405	6.29	32.76	-147.48	-129.78	15.06	-53.64	471.21	317.72	322.75	466.18	-27.32
367	60	404	5.68	29.72	-145.21	-123.61	8.12	-57.55	274.78	155.09	210.81	219.06	-59.70
		378	9.10	35.89	-146.35	-123.56	13.09	-60.29	700.42	323.94	664.02	360.34	111.27

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		379	10.41	35.96	-158.60	-138.51	15.88	-59.20	932.86	588.85	891.10	630.61	112.35
		405	6.35	34.03	-149.32	-130.91	15.62	-55.10	460.01	313.06	317.48	455.58	-25.10
368	3	405	8.44	31.81	-166.61	-157.77	22.97	-40.94	893.98	440.76	526.66	808.08	-177.63
		379	13.48	29.54	-181.25	-173.31	21.61	-40.12	1411.23	1024.76	1409.49	1026.50	25.84
		389	15.38	25.69	-201.21	-197.37	21.84	-29.28	1654.96	1308.80	1654.82	1308.94	7.01
		384	9.52	33.47	-182.33	-177.70	28.85	-31.26	1086.41	602.04	630.99	1057.46	-114.83
368	28	405	6.41	33.16	-149.32	-129.97	13.81	-56.18	483.72	323.71	326.17	481.26	-19.71
		379	10.43	34.41	-157.38	-137.68	14.71	-58.22	947.67	600.41	899.66	648.42	119.86
		389	11.27	32.43	-161.60	-146.42	17.25	-52.11	1108.16	784.20	1063.52	828.85	111.67
		384	7.04	35.65	-150.70	-135.06	20.00	-51.68	648.45	402.15	404.63	645.97	24.57
368	60	405	6.48	34.68	-151.26	-131.08	14.50	-57.83	473.84	319.32	321.17	472.00	-16.77
		379	10.50	35.78	-159.35	-138.82	15.25	-59.87	945.25	592.20	895.26	642.19	123.09
		389	11.33	33.81	-163.25	-147.29	17.85	-53.76	1106.63	775.60	1059.53	822.70	115.64
		384	7.10	37.18	-152.33	-135.90	20.75	-53.33	640.13	396.73	400.05	636.80	28.25
369	3	407	8.56	55.34	-69.32	-42.50	28.52	-51.22	204.35	-758.72	200.36	-754.72	61.89
		399	12.35	54.11	-34.13	-20.06	40.04	-32.30	929.95	-771.60	736.03	-577.67	540.71
		398	16.21	39.57	-109.97	-94.88	24.47	-45.06	1761.15	-34.87	1501.46	224.81	631.64
		406	8.64	52.83	-114.48	-94.14	32.49	-54.67	638.03	30.60	635.05	33.58	42.47
369	28	407	7.09	32.90	-91.68	-68.57	9.79	-48.43	129.52	-532.06	115.73	-518.27	94.52
		399	9.84	40.21	-59.20	-42.36	23.37	-37.29	638.21	-567.22	468.18	-397.19	419.57
		398	12.60	37.64	-109.70	-87.41	15.35	-52.80	1195.45	-75.95	979.56	139.93	477.35
		406	7.46	38.73	-116.39	-93.46	15.80	-55.06	424.25	-36.21	407.69	-19.65	85.75
369	60	407	7.18	33.56	-93.62	-70.10	10.04	-49.38	125.30	-540.15	112.28	-527.14	92.14
		399	9.90	40.78	-61.18	-43.91	23.52	-38.24	633.97	-570.32	465.56	-401.91	417.67
		398	12.66	38.31	-111.40	-88.64	15.55	-53.75	1192.22	-79.32	977.47	135.43	476.39
		406	7.53	39.50	-118.05	-94.67	16.11	-56.01	420.60	-44.24	404.77	-28.41	84.29
370	3	406	8.79	52.23	-120.05	-96.14	28.32	-59.56	639.85	22.75	636.92	25.67	42.40
		398	15.87	31.94	-102.37	-92.35	21.93	-35.28	1772.35	-37.97	1516.06	218.32	631.10
		400	20.53	19.80	-158.68	-146.43	7.55	-45.13	2500.62	572.73	2288.91	784.44	602.77
		378	10.93	44.28	-152.81	-138.31	29.78	-51.44	1047.36	604.63	1043.85	608.15	39.31
370	28	406	7.77	42.30	-124.38	-95.12	13.04	-63.42	430.15	-28.24	411.10	-9.19	91.47
		398	12.64	34.61	-106.03	-85.50	14.08	-49.65	1223.17	-87.09	991.83	144.25	499.59
		400	15.56	31.13	-142.50	-118.02	6.65	-60.42	1699.48	321.71	1505.92	515.27	478.76
		378	9.02	40.79	-139.83	-116.14	17.10	-60.96	716.36	332.57	683.78	365.15	106.97
370	60	406	7.86	43.41	-126.36	-96.32	13.38	-64.78	426.96	-35.38	408.40	-16.82	90.75
		398	12.73	35.60	-108.01	-86.73	14.32	-51.02	1221.61	-91.15	989.91	140.56	500.49
		400	15.64	32.19	-144.26	-119.00	6.94	-61.79	1698.86	317.47	1504.63	511.70	480.19
		378	9.10	41.92	-141.54	-117.11	17.50	-62.33	714.32	325.05	681.72	357.65	107.83
371	3	378	11.09	43.74	-158.48	-140.35	25.62	-57.76	1049.26	601.94	1046.12	605.08	37.35
		400	20.23	12.70	-151.65	-144.35	5.40	-33.85	2510.52	569.42	2297.58	782.36	606.61
		401	24.45	4.68	-197.23	-187.88	-4.66	-42.42	3089.75	1063.31	2965.36	1187.71	486.43
		379	13.37	35.49	-180.84	-172.05	26.70	-42.71	1390.42	1029.42	1387.86	1031.98	30.32
371	28	378	9.35	44.42	-147.05	-117.48	14.85	-69.19	724.70	336.43	687.20	373.92	114.68
		400	15.44	26.94	-137.79	-116.62	5.78	-55.12	1713.95	318.93	1513.03	519.85	489.82
		401	17.88	24.64	-165.65	-141.63	0.62	-63.20	2079.95	648.54	1948.86	779.63	412.87
		379	10.44	39.52	-154.15	-132.75	18.12	-60.72	959.33	604.11	914.83	648.61	117.59
371	60	378	9.45	45.89	-149.00	-118.43	15.32	-70.88	723.37	329.24	685.31	367.31	116.42
		400	15.54	28.24	-139.73	-117.60	6.11	-56.80	1714.02	314.62	1511.83	516.80	491.99
		401	17.97	25.99	-167.43	-142.43	0.99	-64.88	2080.77	644.05	1948.14	776.68	415.89
		379	10.53	40.95	-155.84	-133.51	18.63	-62.41	959.03	596.48	913.41	642.09	120.24
372	3	379	13.48	33.42	-186.02	-173.56	20.96	-50.79	1389.18	1026.70	1387.46	1028.42	24.94
		401	24.21	-0.11	-190.22	-186.16	-4.17	-27.48	3102.85	1063.30	2975.43	1190.72	493.60
		394	27.17	-10.95	-220.68	-214.83	-16.79	-34.51	3503.68	1416.11	3460.72	1459.08	296.38
		389	15.34	30.68	-204.18	-199.46	25.96	-32.96	1632.60	1323.27	1631.91	1323.95	14.59
372	28	379	10.71	42.55	-160.31	-133.28	15.52	-68.94	965.65	607.59	916.58	656.66	123.14
		401	17.74	19.80	-159.60	-140.94	1.14	-54.77	2094.05	646.76	1955.85	784.96	425.34
		394	19.16	15.84	-175.45	-154.08	-5.53	-60.26	2326.74	887.29	2262.53	951.49	297.15
		389	11.50	38.71	-163.73	-145.26	20.24	-58.28	1129.59	793.33	1078.19	844.72	121.00
372	60	379	10.81	44.29	-162.17	-134.02	16.14	-70.85	966.23	600.16	915.33	651.05	126.66
		401	17.83	21.28	-161.44	-141.73	1.57	-56.68	2095.39	642.13	1955.19	782.33	429.06
		394	19.24	17.38	-177.19	-154.73	-5.07	-62.17	2328.09	882.97	2262.14	948.92	301.59
		389	11.59	40.35	-165.33	-145.87	20.90	-60.20	1130.99	785.40	1077.21	839.17	125.27
373	3	399	15.71	75.35	-53.53	-25.56	47.38	-53.13	1133.52	-942.13	700.00	-508.61	843.74
		199	15.79	11.39	-38.80	-6.11	-21.30	23.92	1888.40	-509.63	1379.01	-0.24	980.84
		198	24.68	-23.98	-106.19	-90.89	-39.27	-31.99	3275.61	96.29	2823.28	548.62	1110.63
		398	18.57	34.95	-99.32	-92.34	27.96	-29.82	2067.64	-328.70	1501.84	237.09	1017.70
373	28	399	12.64	61.34	-68.40	-36.51	29.45	-55.86	850.39	-687.77	505.00	-342.38	641.85
		199	10.73	-2.71	-11.33	-11.14	-2.90	-1.28	1347.44	-377.56	971.16	-1.28	712.39
		198	18.56	12.41	-99.29	-71.25	-15.63	-48.43	2295.01	53.85	1965.02	383.84	794.14
		398	14.65	35.38	-93.55	-77.21	19.05	-42.89	1493.93	-263.96	1067.79	162.18	753.33
373	60	399	12.72	62.37	-69.69	-37.12	29.79	-56.93	851.46	-688.77	508.50	-345.81	640.79
		199	10.82	-2.00	-12.31	-11.74	-2.56	-2.35	1351.39	-378.34	975.19	-2.13	713.59
		198	18.66	13.47	-100.53	-71.78	-15.28	-49.50	2301.65	53.49	1971.64	383.50	795.62

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		398	14.74	36.34	-94.68	-77.74	19.40	-43.96	1497.44	-264.30	1073.88	159.25	752.86
374	3	398	19.72	47.65	-121.32	-97.03	23.36	-59.28	2049.29	-314.15	1507.28	227.86	993.60
		198	23.06	-33.91	-89.02	-80.99	-41.94	19.44	3318.88	79.76	2853.94	544.70	1135.70
		200	33.22	-40.90	-165.35	-147.00	-59.25	-44.13	4544.02	665.99	4249.66	960.34	1027.07
		400	22.34	14.04	-147.71	-142.91	9.24	-27.45	2781.31	284.97	2311.10	755.18	976.07
374	28	398	15.95	52.77	-117.89	-81.26	16.13	-70.07	1498.61	-261.04	1072.86	164.71	753.60
		198	17.37	-12.89	-66.76	-63.42	-16.23	-12.99	2331.01	42.61	1989.07	384.55	815.82
		200	24.27	4.89	-145.27	-110.11	-30.27	-63.58	3144.11	443.70	2928.29	659.52	732.27
		400	17.35	26.68	-126.97	-109.63	9.35	-48.61	1984.07	142.03	1614.90	511.20	737.38
374	60	398	16.07	54.17	-119.44	-81.78	16.51	-71.55	1503.77	-262.03	1079.13	162.62	754.66
		198	17.48	-11.74	-67.94	-63.93	-15.75	-14.47	2337.90	42.52	1995.78	384.63	817.46
		200	24.38	6.41	-146.74	-110.55	-29.78	-65.06	3152.59	443.45	2936.23	659.81	734.40
		400	17.47	27.92	-128.26	-110.08	9.74	-50.09	1990.85	140.89	1622.40	509.34	738.83
375	3	400	23.53	27.44	-171.45	-148.87	4.86	-63.10	2762.19	302.79	2314.19	750.80	949.27
		200	31.78	-57.91	-141.70	-137.44	-62.16	18.39	4581.56	643.65	4267.08	958.13	1067.48
		201	40.30	-57.78	-214.14	-192.91	-79.01	-53.56	5584.66	1114.26	5430.70	1268.22	815.20
		401	25.57	-0.39	-186.23	-183.63	-2.99	-21.83	3303.18	838.48	3011.53	1130.13	796.09
375	28	400	18.55	45.96	-153.35	-114.15	6.76	-79.22	1977.27	154.57	1617.85	513.99	725.22
		200	23.09	-27.72	-107.69	-103.06	-32.35	-18.68	3175.49	431.90	2941.61	665.78	766.13
		201	28.65	-4.52	-181.78	-140.60	-45.69	-74.85	3808.66	746.78	3692.67	862.77	584.55
		401	19.21	18.91	-150.05	-134.63	3.50	-48.66	2320.84	509.80	2073.90	756.74	621.48
375	60	400	18.69	47.64	-155.04	-114.60	7.20	-81.00	1984.88	153.22	1625.45	512.65	727.44
		200	23.20	-26.43	-108.93	-103.50	-31.86	-20.45	3184.22	432.12	2949.60	666.74	768.53
		201	28.77	-2.72	-183.46	-140.98	-45.20	-76.63	3817.88	747.10	3701.06	863.92	587.42
		401	19.34	20.32	-151.39	-135.01	3.95	-50.44	2329.44	507.94	2081.93	755.46	624.17
376	3	401	26.87	13.08	-219.18	-197.58	-8.51	-67.45	3271.77	852.79	3002.34	1122.21	761.02
		201	38.74	-77.48	-176.11	-171.34	-82.25	21.16	5624.88	1096.22	5452.16	1268.93	867.37
		183	46.28	-69.56	-286.87	-258.62	-97.82	-73.08	6300.34	1421.41	6246.59	1475.16	509.25
		394	27.89	-2.84	-208.67	-208.67	-2.85	0.54	3684.69	1287.08	3561.19	1410.57	529.94
376	16	401	19.84	24.20	-167.96	-143.16	-0.59	-64.42	2338.27	578.81	2114.62	802.46	586.07
		201	27.31	-50.56	-129.42	-129.41	-50.56	0.33	3877.37	750.31	3746.85	880.82	625.37
		183	31.92	-29.79	-209.73	-178.28	-61.25	-68.34	4290.94	963.43	4249.28	1005.08	369.97
		394	20.08	4.44	-153.27	-151.37	2.54	-17.18	2594.51	872.36	2482.65	984.21	424.40
376	48	401	19.93	24.60	-168.34	-143.60	-0.15	-64.52	2350.84	582.14	2127.05	805.93	587.99
		201	27.41	-50.26	-129.89	-129.89	-50.26	0.24	3890.46	752.34	3759.14	883.66	628.37
		183	32.03	-29.60	-210.23	-178.86	-60.97	-68.43	4305.43	965.97	4263.28	1008.12	372.80
		394	20.19	4.87	-153.81	-151.91	2.96	-17.27	2608.85	875.96	2496.80	988.00	426.15
377	3	377	7.62	23.04	-90.19	-86.69	19.55	19.58	-62.63	-513.17	-301.39	-274.41	224.86
		408	9.15	39.79	-97.98	-91.93	33.74	28.23	214.97	-419.35	-159.52	-44.87	311.93
		380	12.56	23.38	-35.15	-35.10	23.33	1.85	-242.47	-1263.33	-260.20	-1245.59	133.39
		232	8.64	10.44	-65.77	-65.77	10.44	-0.01	-168.87	-801.44	-172.72	-797.60	49.15
377	24	377	8.73	28.16	-104.26	-95.16	19.06	33.51	-304.10	-759.79	-305.36	-758.53	23.98
		408	7.46	38.09	-107.76	-94.08	24.41	42.52	-291.99	-586.40	-321.51	-556.87	88.43
		380	8.85	13.09	-96.60	-94.75	11.24	14.11	-171.03	-767.95	-187.46	-751.52	97.66
		232	7.76	5.64	-121.89	-120.61	4.36	12.69	-151.11	-553.33	-151.86	-552.59	17.33
377	56	377	8.85	28.55	-105.81	-96.51	19.25	34.10	-304.84	-766.65	-305.84	-765.65	21.52
		408	7.49	38.38	-109.34	-95.46	24.50	43.11	-294.52	-590.05	-321.80	-562.77	85.55
		380	8.97	12.87	-100.15	-98.20	10.93	14.70	-174.12	-773.47	-189.76	-757.83	95.53
		232	7.91	5.51	-125.40	-124.04	4.15	13.27	-153.81	-560.72	-154.42	-560.12	15.69
378	2	39	15.04	38.82	-148.39	-148.26	38.69	4.95	1174.38	-22.71	206.79	944.88	-471.23
		409	17.75	51.18	-143.61	-140.44	48.01	24.64	761.68	-640.08	-605.21	726.82	-218.30
		408	7.81	38.54	-120.59	-110.98	28.92	37.91	-266.68	-509.53	-276.39	-499.82	-47.58
		377	10.47	33.31	-101.61	-90.20	21.90	37.53	-472.51	-1017.27	-472.89	-1016.88	14.56
378	16	39	11.82	31.55	-121.42	-120.91	31.04	8.83	947.35	4.69	189.95	762.09	-374.59
		409	13.88	41.24	-118.77	-115.14	37.61	23.81	639.68	-446.64	-414.99	608.03	-182.70
		408	6.19	32.30	-101.81	-92.53	23.01	34.05	-175.43	-349.18	-190.86	-333.75	-49.43
		377	7.93	28.87	-87.36	-76.61	18.12	33.68	-342.91	-725.74	-342.91	-725.74	-0.27
378	48	39	11.84	31.71	-122.14	-121.58	31.15	9.28	952.21	7.26	193.50	765.97	-375.90
		409	13.91	41.42	-119.56	-115.82	37.67	24.26	644.46	-443.50	-411.37	612.34	-184.17
		408	6.21	32.54	-102.66	-93.19	23.08	34.49	-173.26	-345.85	-189.27	-329.84	-50.07
		377	7.94	29.17	-88.21	-77.26	18.23	34.13	-341.38	-722.28	-341.38	-722.27	-1.08
379	2	243	9.07	25.74	-58.87	-58.86	25.73	-0.63	-329.60	-931.50	-432.54	-828.55	226.64
		410	7.46	41.01	-92.88	-92.38	40.52	8.11	-190.90	-408.70	-394.18	-205.43	54.34
		409	18.15	53.44	-145.76	-141.92	49.60	27.38	672.67	-683.46	-682.88	672.09	27.99
		39	20.11	44.25	-162.70	-151.73	33.28	46.37	1819.90	379.82	385.65	1814.08	-91.42
379	24	243	5.63	27.43	-31.81	-29.15	24.77	12.27	-185.72	-609.35	-294.35	-500.72	184.98
		410	5.72	40.96	-58.34	-54.60	37.22	18.90	-59.18	-291.63	-272.83	-77.97	63.37
		409	14.28	47.32	-120.33	-113.23	40.22	33.76	598.26	-452.64	-452.61	598.24	5.34
		39	16.42	40.93	-135.19	-120.80	26.55	48.23	1522.58	351.28	359.72	1514.14	-99.11
379	56	243	5.54	28.46	-30.87	-27.65	25.23	13.45	-179.26	-601.30	-291.18	-489.38	186.30
		410	5.75	42.02	-57.33	-53.09	37.78	20.08	-51.71	-290.04	-270.49	-71.26	65.39
		409	14.32	47.97	-121.17	-113.62	40.42	34.94	605.73	-446.95	-446.93	605.71	4.57
		39	16.52	41.62	-136.21	-121.21	26.63	49.41	1534.99	357.59	366.34	1526.25	-101.11

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
380	1	26	16.13	42.95	-6.21	-3.43	40.17	11.34	-198.68	-1608.85	-210.90	-1596.63	130.70
		27	18.60	40.61	-4.93	-2.93	38.62	9.33	-393.88	-1928.58	-434.94	-1887.52	-247.66
		410	7.19	43.54	-83.72	-83.68	43.51	1.96	-414.11	-547.26	-493.79	-467.58	-65.28
		243	7.34	31.23	-88.36	-88.34	31.21	-1.45	-352.55	-662.33	-387.53	-627.35	-98.04
380	24	26	12.66	55.07	27.15	44.11	38.11	13.64	-173.60	-1313.42	-185.40	-1301.63	115.35
		27	14.64	53.46	29.17	44.59	38.05	11.70	-286.82	-1525.36	-313.35	-1498.83	-179.32
		410	5.13	36.08	-49.47	-49.02	35.63	6.17	-407.25	-458.73	-412.84	-453.14	-16.01
		243	6.34	25.35	-53.23	-53.09	25.21	3.30	-321.56	-601.16	-326.76	-595.95	-37.79
380	56	26	12.71	58.41	28.71	48.35	38.78	14.06	-175.94	-1321.53	-187.94	-1309.53	116.62
		27	14.69	56.95	30.73	48.84	38.84	12.12	-286.29	-1530.88	-312.29	-1504.87	-178.02
		410	5.17	36.33	-48.10	-47.58	35.81	6.59	-410.56	-462.87	-414.26	-459.17	-13.41
		243	6.39	25.45	-51.85	-51.67	25.27	3.72	-323.95	-608.28	-328.35	-603.88	-35.10
381	3	408	9.57	40.78	-98.49	-92.36	34.64	28.59	224.83	-452.43	-180.18	-47.41	332.06
		411	8.11	52.37	-114.37	-107.68	45.69	32.70	573.13	126.68	364.61	335.20	222.74
		381	16.68	44.29	11.54	12.46	43.37	5.41	-288.69	-1712.32	-317.98	-1683.04	202.09
		380	12.73	23.76	-34.50	-34.42	23.69	2.09	-254.81	-1286.86	-272.27	-1269.40	133.09
381	24	408	7.65	39.87	-105.36	-90.92	25.44	43.45	-307.84	-595.45	-346.23	-557.06	97.82
		411	6.36	46.49	-114.01	-98.22	30.70	47.81	35.90	-205.60	-16.44	-153.26	99.51
		381	10.81	28.54	-49.97	-45.93	24.50	17.35	-174.92	-1058.94	-214.48	-1019.38	182.78
		380	8.77	15.32	-88.14	-85.85	13.03	15.23	-182.78	-783.48	-198.47	-767.79	95.81
381	56	408	7.68	40.32	-106.66	-91.93	25.59	44.13	-312.10	-598.45	-347.41	-563.14	94.15
		411	6.36	46.86	-115.34	-99.25	30.77	48.48	31.18	-205.95	-17.24	-157.52	95.60
		381	10.88	28.46	-52.86	-48.65	24.25	18.02	-177.75	-1062.20	-216.15	-1023.80	180.25
		380	8.88	15.30	-90.99	-88.55	12.86	15.91	-185.65	-788.90	-200.50	-774.05	93.49
382	3	409	11.45	43.27	-139.02	-139.02	43.27	-0.92	539.77	-77.44	-77.41	539.73	-4.75
		412	12.31	42.94	-152.18	-152.18	42.94	-0.14	858.02	831.81	843.96	845.88	-13.07
		411	8.32	48.43	-113.30	-109.63	44.76	24.11	525.84	203.73	450.47	279.09	136.37
		408	8.54	39.80	-102.23	-98.72	36.29	22.07	190.39	-322.89	-161.42	28.91	238.35
382	28	409	13.16	45.48	-118.91	-112.25	38.81	32.42	589.44	-429.34	-393.98	554.08	-186.49
		412	9.03	41.27	-126.75	-118.29	32.81	36.73	576.96	103.84	123.67	557.13	-94.81
		411	6.25	44.59	-117.22	-101.28	28.65	48.23	58.41	5.81	58.10	6.12	-4.03
		408	6.30	40.07	-110.29	-95.44	25.22	44.86	-235.90	-347.23	-289.62	-293.51	-55.63
382	60	409	13.22	46.18	-119.71	-112.54	39.01	33.73	595.31	-430.54	-394.23	559.00	-189.56
		412	9.08	41.92	-127.63	-118.61	32.91	38.05	581.25	102.27	123.02	560.50	-97.52
		411	6.36	45.22	-118.97	-102.34	28.59	49.54	60.05	8.64	58.79	9.90	-7.96
		408	6.34	40.77	-112.01	-96.48	25.24	46.17	-228.49	-348.24	-288.52	-288.20	-59.87
383	2	410	8.36	43.88	-90.19	-89.90	43.60	6.17	-286.11	-551.69	-536.11	-301.69	62.40
		413	5.96	45.38	-105.34	-105.07	45.12	6.33	35.72	-90.16	-60.76	6.31	-53.26
		412	11.55	46.03	-155.24	-150.99	41.78	28.94	698.91	148.04	148.27	698.67	-11.40
		409	17.83	51.65	-148.09	-143.67	47.23	29.39	811.55	-536.06	-533.85	809.34	-54.45
383	28	410	6.56	42.10	-61.39	-57.77	38.48	19.03	-133.75	-406.51	-388.89	-151.36	67.04
		413	4.50	41.97	-72.91	-69.62	38.69	19.14	52.77	-33.30	-27.01	46.48	-22.39
		412	9.52	41.56	-127.64	-119.33	33.25	36.57	575.50	112.40	113.27	574.63	-20.07
		409	14.51	47.06	-121.95	-113.47	38.58	36.90	694.49	-409.84	-407.55	692.20	-50.28
383	60	410	6.59	43.09	-60.87	-56.72	38.94	20.35	-126.46	-405.79	-387.60	-144.65	68.92
		413	4.52	42.81	-72.36	-68.60	39.05	20.47	54.91	-31.70	-26.42	49.62	-20.73
		412	9.57	42.22	-128.51	-119.64	33.35	37.89	578.19	111.64	112.59	577.24	-21.02
		409	14.59	47.83	-122.80	-113.76	38.79	38.22	700.80	-409.55	-407.23	698.48	-50.69
384	1	27	18.12	39.82	-6.74	-4.50	37.59	9.95	-402.40	-1881.71	-436.03	-1848.08	-220.51
		28	18.43	43.71	23.64	26.37	40.97	6.89	-259.77	-1893.05	-366.21	-1786.62	-403.13
		413	5.95	46.15	-101.62	-101.59	46.12	-2.24	41.27	-223.27	-89.23	-92.77	-132.26
		410	7.55	42.71	-83.40	-83.40	42.70	0.83	-379.21	-604.30	-519.15	-464.35	-109.16
384	24	27	14.26	48.99	23.33	36.88	35.43	12.81	-287.53	-1487.03	-311.12	-1463.44	-166.56
		28	14.41	64.27	33.84	60.25	37.86	10.30	-170.29	-1470.53	-252.58	-1388.24	-316.58
		413	4.18	36.13	-67.66	-67.53	36.00	3.58	-30.31	-199.49	-100.75	-129.05	-83.40
		410	5.48	34.58	-54.06	-53.67	34.18	5.94	-388.54	-495.17	-433.08	-450.63	-52.59
384	56	27	14.31	51.78	24.83	40.55	36.05	13.29	-286.27	-1492.31	-309.65	-1468.93	-166.28
		28	14.44	67.87	34.52	63.92	38.47	10.78	-168.42	-1472.82	-250.43	-1390.81	-316.62
		413	4.18	36.21	-66.72	-66.56	36.05	4.06	-34.05	-199.92	-101.71	-132.25	-81.51
		410	5.45	34.73	-53.16	-52.69	34.26	6.42	-394.37	-496.99	-434.58	-456.77	-50.10
385	3	411	8.46	54.74	-115.79	-109.10	48.06	33.10	575.70	126.86	345.28	357.29	224.34
		414	19.01	36.35	-134.12	-130.73	32.96	23.80	1655.49	711.84	1569.29	798.05	-271.87
		382	16.42	68.46	57.93	67.32	59.07	3.27	-130.26	-1635.37	-141.64	-1623.98	130.41
		381	17.17	47.55	13.72	14.96	46.31	6.36	-327.36	-1770.57	-357.55	-1740.38	206.52
385	36	411	7.01	51.38	-112.41	-94.44	33.41	51.19	28.65	-233.85	-54.58	-150.61	122.15
		414	13.54	36.38	-120.82	-106.30	21.85	45.53	980.71	304.36	948.22	336.85	-144.64
		382	10.85	48.52	6.27	16.22	38.56	17.93	-71.89	-1061.48	-100.86	-1032.50	166.83
		381	10.97	35.50	-36.79	-30.38	29.10	20.54	-207.82	-1103.83	-248.03	-1063.61	185.52
385	68	411	7.03	52.07	-113.51	-95.03	33.58	52.14	22.19	-234.74	-56.84	-155.72	118.57
		414	13.61	36.99	-121.91	-106.90	21.98	46.47	980.25	299.46	946.31	333.40	-148.17
		382	10.88	48.93	4.34	14.77	38.50	18.88	-74.33	-1064.05	-102.48	-1035.90	164.52
		381	11.01	35.90	-38.64	-31.82	29.08	21.49	-210.88	-1107.77	-249.98	-1068.66	183.15
386	3	412	12.10	43.94	-152.73	-152.73	43.94	-0.46	858.25	815.49	817.92	855.82	-9.90

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		415	28.11	20.51	-166.18	-166.17	20.51	1.20	2615.73	1134.51	2615.04	1135.20	-31.87
		414	20.37	31.56	-119.59	-117.85	29.82	16.13	1802.32	535.86	1749.05	589.14	-254.23
		411	8.12	50.20	-113.65	-109.97	46.53	24.25	501.18	208.11	427.03	282.27	127.41
386	20	412	8.93	37.57	-125.53	-120.36	32.41	28.55	579.00	140.37	152.96	566.41	-73.23
		415	18.86	14.61	-134.56	-128.22	8.27	30.08	1662.99	746.14	1658.66	750.47	-62.83
		414	14.37	26.22	-107.09	-96.95	16.07	35.35	1136.07	289.21	1105.78	319.50	-157.27
		411	5.53	42.51	-106.43	-94.57	30.66	40.31	42.63	-12.46	37.38	-7.20	16.18
386	52	412	8.96	37.77	-126.17	-120.83	32.42	29.13	582.55	142.22	155.08	569.69	-74.14
		415	18.90	14.60	-135.29	-128.73	8.04	30.66	1665.00	748.04	1660.53	752.52	-63.92
		414	14.41	26.26	-107.88	-97.45	15.82	35.93	1137.76	290.30	1106.69	321.38	-159.29
		411	5.57	42.80	-107.15	-95.02	30.67	40.89	42.91	-8.48	38.53	-4.10	14.36
387	3	413	8.18	48.50	-121.30	-118.23	45.43	-22.64	504.16	209.99	408.63	305.52	-137.76
		416	20.51	33.57	-123.18	-121.87	32.27	-14.26	1808.67	556.07	1754.73	610.02	254.29
		415	28.13	20.64	-166.06	-166.01	20.60	-2.97	2619.12	1138.76	2618.89	1138.99	18.49
		412	12.12	43.87	-152.48	-152.47	43.86	-1.65	860.98	821.50	821.69	860.79	-2.67
387	15	413	4.80	35.37	-86.12	-86.10	35.35	-1.57	28.11	-43.24	-34.23	19.10	-23.70
		416	13.68	14.28	-96.06	-95.89	14.12	4.24	1151.03	311.27	1127.31	335.00	139.15
		415	18.72	9.86	-129.67	-127.83	8.02	15.94	1674.52	758.10	1674.00	758.62	21.81
		412	9.12	33.51	-122.52	-120.74	31.74	16.54	591.56	157.09	157.37	591.28	-11.10
387	47	413	4.82	35.34	-86.62	-86.59	35.30	-2.14	29.20	-41.28	-32.72	20.65	-23.02
		416	13.71	13.99	-96.54	-96.42	13.87	3.67	1152.88	312.46	1128.84	336.50	140.09
		415	18.75	9.50	-129.97	-128.26	7.79	15.37	1677.37	759.68	1676.81	760.25	22.73
		412	9.13	33.31	-122.79	-121.14	31.66	15.97	593.37	159.93	160.18	593.11	-10.49
388	3	28	18.19	49.03	-10.55	-8.06	46.54	11.93	-373.21	-1834.06	-405.66	-1801.60	-215.31
		29	16.85	71.74	46.89	59.64	58.98	12.42	-124.89	-1650.97	-138.80	-1637.06	-145.08
		416	19.22	39.42	-139.44	-136.61	36.60	-22.29	1660.94	728.13	1571.54	817.53	274.59
		413	8.93	53.30	-123.90	-117.56	46.96	-32.91	583.50	123.81	320.52	386.80	-227.44
388	35	28	13.98	32.47	4.14	4.72	31.89	-4.00	-229.62	-1452.35	-313.47	-1368.50	-309.02
		29	11.95	39.08	29.12	34.88	33.33	-4.92	-7.27	-1188.95	-83.85	-1112.37	-290.91
		416	13.03	20.62	-108.66	-108.51	20.47	-4.41	1018.03	334.47	999.91	352.58	109.80
		413	5.66	39.07	-87.66	-86.72	38.13	-10.83	60.23	-205.05	-85.22	-59.59	-132.02
388	67	28	13.96	32.52	2.29	3.07	31.73	-4.80	-230.62	-1451.02	-314.30	-1367.33	-308.43
		29	11.96	38.95	27.51	33.24	33.22	-5.72	-8.85	-1189.97	-84.95	-1113.87	-290.00
		416	13.07	20.77	-109.39	-109.19	20.56	-5.20	1018.22	333.28	1000.23	351.27	109.55
		413	5.72	39.28	-88.47	-87.40	38.21	-11.63	61.98	-204.64	-84.48	-58.18	-132.66
389	2	414	17.70	37.92	-144.94	-134.01	26.99	43.35	1330.09	331.70	1198.56	463.23	-337.67
		204	42.19	-12.79	-143.51	-131.53	-24.78	37.72	4148.95	759.80	3948.42	960.32	-799.62
		8	10.30	82.23	-7.83	80.53	-6.13	-12.29	415.86	-449.20	346.34	-379.69	-235.17
		382	12.93	63.03	42.63	47.83	57.83	8.89	-79.30	-1242.32	-121.76	-1199.87	218.11
389	20	414	14.34	31.54	-115.53	-105.09	21.09	37.78	1063.03	224.62	947.10	340.55	-289.41
		204	32.99	-10.29	-115.86	-103.88	-22.28	33.49	3221.44	565.38	3052.73	734.09	-647.80
		8	8.04	61.75	-7.94	61.39	-7.57	-5.05	327.32	-366.17	263.46	-302.31	-200.52
		382	10.12	53.17	29.13	36.97	45.33	11.27	-75.39	-979.85	-101.51	-953.73	151.49
389	52	414	14.40	31.77	-115.92	-105.28	21.12	38.19	1065.97	221.78	949.03	338.72	-291.62
		204	33.05	-10.34	-116.39	-104.14	-22.59	33.90	3224.90	563.77	3054.99	733.68	-650.61
		8	8.05	61.64	-8.15	61.33	-7.84	-4.64	327.98	-367.93	263.21	-303.17	-202.18
		382	10.14	53.61	28.77	36.98	45.40	11.68	-76.39	-981.85	-102.13	-956.11	150.46
390	2	415	24.13	19.06	-165.15	-160.37	14.28	29.26	2141.33	904.01	2137.94	907.41	-64.75
		203	55.12	-33.17	-175.70	-165.50	-43.36	36.73	5626.11	1267.61	5625.17	1268.55	-64.00
		204	42.63	-23.39	-120.08	-116.98	-26.50	17.04	4303.36	750.32	4186.56	867.12	-633.53
		414	19.24	34.87	-128.35	-118.37	24.90	39.10	1520.30	245.84	1395.59	370.55	-378.66
390	15	415	19.15	10.38	-128.57	-126.45	8.27	17.03	1711.12	716.70	1708.90	718.93	-46.99
		203	42.87	-36.22	-137.37	-131.95	-41.64	22.78	4373.29	979.80	4372.53	980.56	-50.82
		204	32.97	-27.37	-93.32	-92.42	-28.26	7.62	3338.96	574.87	3245.63	668.20	-499.26
		414	14.99	22.13	-97.69	-92.40	16.84	24.62	1212.74	203.20	1113.97	301.97	-299.93
390	47	415	19.20	10.00	-128.74	-126.74	8.01	16.52	1716.49	718.49	1714.31	720.67	-46.64
		203	42.93	-37.21	-137.61	-132.39	-42.42	22.28	4378.45	980.44	4377.68	981.20	-50.96
		204	32.99	-28.22	-93.45	-92.66	-29.01	7.12	3342.28	574.87	3248.70	668.45	-500.20
		414	15.01	21.70	-97.62	-92.53	16.61	24.11	1216.15	204.44	1117.30	303.30	-300.40
391	3	416	21.84	34.37	-122.38	-120.74	32.73	-15.96	1928.43	422.99	1759.76	591.66	474.84
		202	42.41	-17.41	-121.91	-121.25	-18.07	8.25	4306.00	745.69	4146.91	904.79	735.60
		203	55.07	-36.21	-174.97	-174.29	-36.89	-9.67	5594.44	1293.22	5594.26	1293.39	27.53
		415	28.52	21.63	-166.94	-166.93	21.62	-1.01	2646.59	1092.29	2646.38	1092.50	17.86
391	15	416	14.23	15.02	-92.62	-92.48	14.88	3.87	1227.61	228.80	1126.35	330.06	301.48
		202	33.91	-34.96	-103.06	-98.52	-39.50	16.98	3486.50	624.35	3400.30	710.55	489.17
		203	42.78	-38.18	-131.45	-130.93	-38.71	6.96	4373.61	989.74	4373.53	989.82	16.44
		415	19.09	10.84	-128.87	-126.70	8.66	17.31	1713.04	736.75	1713.01	736.77	4.92
391	47	416	14.28	14.79	-92.81	-92.71	14.69	3.31	1231.52	229.74	1129.45	331.81	303.04
		202	33.96	-35.72	-103.09	-98.82	-39.99	16.42	3490.04	624.49	3403.19	711.33	491.24
		203	42.84	-38.77	-131.73	-131.29	-39.21	6.40	4378.89	991.00	4378.80	991.09	17.78
		415	19.15	10.50	-129.03	-126.99	8.46	16.75	1718.52	738.83	1718.49	738.87	5.74
392	2	29	14.64	77.47	50.04	76.56	50.94	4.90	11.79	-1415.68	-93.75	-1310.13	-373.52
		6	11.18	81.02	-30.35	76.43	-25.77	22.14	491.48	-377.66	438.38	-324.56	208.17

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		202	43.23	-44.77	-146.00	-144.08	-46.69	13.82	4374.83	815.17	4198.26	991.74	772.88
		416	16.52	28.26	-137.43	-137.02	27.84	8.31	1339.68	322.61	1208.99	453.30	340.36
392	35	29	11.25	55.21	39.01	53.55	40.68	-4.92	7.38	-1103.85	-65.98	-1030.49	-275.93
		6	8.32	54.53	-18.71	53.56	-17.75	8.33	389.02	-306.93	343.42	-261.33	172.21
		202	33.85	-33.07	-113.57	-113.53	-33.11	1.85	3392.66	614.28	3250.93	756.02	611.31
		416	13.37	23.42	-108.05	-108.01	23.37	-2.37	1070.05	252.95	963.12	359.88	275.57
392	67	29	11.24	55.31	38.54	53.05	40.80	-5.72	7.59	-1104.82	-65.28	-1031.94	-275.25
		6	8.30	53.87	-18.35	53.08	-17.56	7.52	389.99	-308.27	344.01	-262.28	173.19
		202	33.91	-32.85	-113.79	-113.78	-32.86	1.04	3395.61	613.34	3253.49	755.46	612.55
		416	13.43	23.63	-108.33	-108.25	23.55	-3.18	1072.75	253.20	965.62	360.33	276.27
393	3	437	9.09	54.61	-301.10	-294.16	47.67	49.22	-43.49	-1664.76	-1308.53	-399.73	-671.30
		207	6.57	10.38	-244.89	-237.95	3.45	41.51	973.69	37.75	551.59	459.86	-465.72
		68	9.33	56.77	-325.13	-323.31	54.94	-26.34	1062.38	221.27	1059.09	224.57	-52.55
		438	11.05	51.48	-358.60	-356.97	49.85	25.76	-1072.71	-1931.19	-1921.08	-1082.82	-92.62
393	20	437	6.67	38.83	-217.44	-214.43	35.82	27.61	1813.77	243.38	754.34	1302.81	-735.75
		207	5.26	17.06	-172.57	-172.19	16.69	8.42	1095.54	84.21	116.62	1063.13	-178.11
		68	7.89	100.52	-234.98	-232.68	98.22	-27.66	1793.78	1431.68	1657.15	1568.30	-175.52
		438	6.89	64.73	-232.73	-231.21	63.21	21.19	464.99	-308.35	-306.19	462.83	-40.88
393	68	437	7.36	45.15	-229.11	-224.97	41.01	33.42	2181.17	368.63	896.68	1653.13	-823.57
		207	6.53	20.56	-183.98	-182.99	19.57	14.23	1782.24	269.87	320.11	1732.00	-271.03
		68	7.97	105.49	-232.55	-231.13	104.08	-21.85	2294.77	1811.97	1859.56	2247.18	-143.91
		438	7.33	73.01	-231.84	-229.42	70.60	27.00	813.07	-164.59	-164.53	813.01	-7.65
394	3	290	30.17	-59.79	-347.48	-313.30	-93.97	-93.08	-1923.64	-1.140e+04	-1.109e+04	-2232.29	1682.34
		437	8.67	96.64	-319.72	-291.67	68.59	104.36	-97.53	-1113.98	-931.38	-280.14	-390.21
		438	10.56	64.09	-373.47	-371.15	61.77	-31.77	-1084.55	-1544.75	-1530.72	-1098.58	-79.13
		288	40.86	-114.02	-438.40	-402.88	-149.54	101.29	-3378.97	-1.545e+04	-1.545e+04	-3379.47	-77.22
394	18	290	21.57	-36.17	-208.02	-201.55	-42.64	-32.72	-1106.85	-8052.99	-7919.29	-1240.55	954.35
		437	6.36	79.27	-230.30	-203.62	52.59	86.87	1090.78	122.69	313.97	899.50	-385.47
		438	7.39	82.54	-235.14	-234.69	82.09	11.92	-124.06	-818.08	-795.38	-146.77	123.45
		288	28.42	-35.81	-288.42	-253.35	-70.89	87.35	-2222.18	-1.075e+04	-1.073e+04	-2238.41	371.68
394	50	290	21.66	-35.08	-207.91	-201.72	-41.27	-32.10	-1116.56	-8089.04	-7952.77	-1252.83	965.20
		437	6.33	79.98	-230.93	-203.98	53.03	87.49	1079.18	96.28	281.56	893.90	-384.42
		438	7.53	83.04	-235.48	-234.99	82.55	12.53	-134.42	-876.55	-854.09	-156.88	127.15
		288	28.57	-34.23	-288.69	-253.38	-69.54	87.97	-2237.78	-1.081e+04	-1.079e+04	-2255.12	385.13
395	3	288	40.90	-122.70	-434.06	-404.54	-152.22	-91.21	-3385.74	-1.547e+04	-1.547e+04	-3385.92	46.38
		438	10.60	70.06	-376.02	-370.31	64.35	50.16	-999.79	-1561.07	-1529.46	-1031.40	-129.40
		439	8.95	96.70	-308.83	-285.73	73.59	-94.00	162.93	-1080.01	-933.39	16.30	400.93
		286	30.45	-72.73	-356.89	-316.90	-112.71	98.81	-1865.24	-1.153e+04	-1.122e+04	-2177.52	-1709.14
395	14	288	28.31	-78.44	-261.27	-256.40	-83.31	-29.44	-2295.23	-1.088e+04	-1.087e+04	-2304.16	276.74
		438	7.86	60.90	-253.88	-241.55	48.57	61.07	41.57	-873.87	-766.80	-65.50	294.20
		439	6.78	87.48	-170.48	-167.00	84.00	-29.74	435.34	-1593.31	-897.16	-260.81	963.13
		286	20.09	-17.51	-233.13	-196.67	-53.96	80.82	-1552.45	-7656.55	-7574.73	-1634.26	-701.94
395	46	288	28.44	-77.30	-261.11	-256.46	-81.95	-28.88	-2317.96	-1.094e+04	-1.093e+04	-2327.11	280.67
		438	8.00	61.52	-254.37	-241.85	49.00	61.63	15.58	-941.08	-828.96	-96.54	307.71
		439	6.86	87.80	-170.46	-167.12	84.46	-29.18	413.34	-1637.77	-936.39	-288.04	972.97
		286	20.16	-15.93	-233.23	-196.57	-52.58	81.38	-1571.07	-7693.34	-7611.79	-1652.62	-701.87
396	3	1	6.90	142.32	-17.98	94.00	30.35	-73.56	954.78	-1106.29	-949.79	798.28	545.96
		250	6.86	75.91	-44.83	-22.97	54.05	46.49	1639.77	-1000.94	-981.22	1620.05	-227.35
		437	8.55	82.40	-304.82	-299.48	77.06	45.16	219.52	-1210.86	-793.43	-197.91	-650.26
		290	30.13	-54.80	-375.46	-344.62	-85.64	94.54	-1627.30	-1.036e+04	-9904.11	-2079.20	1933.97
396	13	1	4.56	98.42	5.71	72.50	31.64	-41.61	454.80	-1081.42	-1081.06	454.45	23.39
		250	5.07	53.46	-45.46	-45.21	53.21	4.95	1339.15	-238.90	-188.17	1288.42	-278.37
		437	6.69	96.14	-199.79	-192.45	88.80	46.05	1432.11	-335.72	262.32	834.07	-836.40
		290	21.45	-20.76	-236.41	-220.79	-36.38	55.91	-917.44	-7473.35	-7224.34	-1166.44	1253.17
396	45	1	4.62	100.07	5.68	73.31	32.44	-42.54	444.43	-1099.62	-1098.77	443.58	36.21
		250	5.07	53.66	-44.64	-44.48	53.49	4.02	1324.59	-255.06	-206.14	1275.68	-273.64
		437	6.61	96.02	-199.48	-192.42	88.96	45.12	1404.97	-366.94	220.88	817.15	-834.29
		290	21.54	-20.56	-235.77	-220.66	-35.66	54.98	-929.04	-7518.36	-7265.62	-1181.78	1265.50
397	2	207	7.80	27.19	-241.84	-227.03	12.38	61.35	987.69	-574.26	-572.48	985.91	-52.74
		428	10.32	22.30	-235.32	-233.44	20.42	21.92	4253.54	2102.99	2286.70	4069.83	601.11
		58	5.75	15.98	-152.63	-152.61	15.96	-1.84	314.42	-1278.73	60.60	-1024.91	583.05
		68	8.30	125.63	-239.69	-239.44	125.38	9.48	1926.37	1245.44	1649.91	1521.89	334.39
397	24	207	7.86	31.88	-221.40	-202.07	12.55	67.24	1534.71	-250.90	-249.08	1532.89	56.89
		428	10.17	20.06	-213.60	-207.59	14.06	36.97	4074.96	1735.56	1932.26	3878.26	649.21
		58	4.16	17.17	-128.28	-125.84	14.73	18.69	880.58	-435.87	426.34	18.38	625.82
		68	7.15	103.64	-194.64	-192.09	101.09	27.45	2211.42	1439.86	1658.66	1992.61	347.77
397	56	207	8.04	32.68	-224.77	-204.63	12.54	69.12	1606.69	-234.25	-231.87	1604.32	66.07
		428	10.37	20.49	-216.75	-210.21	13.95	38.85	4148.39	1746.90	1948.94	3946.36	666.61
		58	4.17	17.87	-129.55	-126.62	14.94	20.57	944.21	-392.45	461.51	90.26	642.04
		68	7.33	104.33	-195.72	-192.83	101.44	29.33	2282.94	1479.25	1694.40	2067.78	355.85
398	2	66	6.25	-9.17	-192.58	-190.79	-10.96	18.01	635.06	-1244.65	-713.88	104.29	-846.16
		76	7.87	25.97	-307.25	-305.26	23.97	-25.71	1836.54	703.70	1116.88	1423.36	-545.30
		428	9.86	60.40	-214.33	-209.12	55.19	37.48	3822.31	2118.76	2126.93	3814.13	-117.73

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		207	8.37	37.72	-224.12	-216.02	29.61	45.34	1508.18	-559.05	-506.64	1455.77	-324.96
398	24	66	5.59	-9.49	-199.30	-193.79	-15.00	31.86	735.22	-882.91	-480.39	332.69	-699.51
		76	7.17	21.06	-280.09	-280.08	21.05	-1.68	1940.89	771.33	996.33	1715.89	-461.01
		428	9.39	57.96	-196.25	-187.29	49.00	46.87	3549.05	1781.95	1781.95	3549.04	3.13
		207	7.30	32.41	-206.56	-194.21	20.06	52.92	1391.12	-320.25	-303.63	1374.51	-167.81
398	56	66	5.68	-9.60	-204.13	-198.16	-15.56	33.54	758.40	-876.56	-474.28	356.12	-704.19
		76	7.29	21.18	-284.30	-284.30	21.18	9.74e-04	1993.13	789.80	1009.22	1773.72	-464.63
		428	9.56	59.06	-199.23	-189.75	49.59	48.55	3607.42	1796.07	1796.15	3607.35	11.64
		207	7.39	32.87	-209.80	-196.82	19.89	54.60	1413.40	-311.31	-296.32	1398.41	-160.10
399	2	441	6.55	15.89	-148.64	-146.97	14.22	-16.50	2342.90	753.67	755.13	2341.44	48.15
		420	6.81	41.32	-153.54	-151.51	39.28	19.79	2180.66	686.76	691.00	2176.43	-79.42
		360	3.06	19.05	-109.62	-109.52	18.94	-3.63	-77.24	-491.18	-85.93	-482.49	-59.34
		258	3.60	34.11	-116.50	-116.11	33.71	7.72	-182.07	-662.03	-182.49	-661.61	14.30
399	21	441	6.39	15.62	-144.51	-143.58	14.69	-12.17	2291.13	741.20	746.01	2286.32	86.20
		420	6.67	35.35	-148.43	-147.08	33.99	15.74	2189.92	704.58	704.59	2189.91	-3.94
		360	3.50	9.46	-161.03	-161.00	9.43	-2.28	198.95	117.73	152.13	164.55	40.13
		258	3.72	20.71	-166.26	-166.03	20.48	6.45	131.15	-62.27	72.27	-3.39	89.01
399	53	441	6.52	15.94	-147.34	-146.43	15.03	-12.12	2337.91	756.47	761.68	2332.71	90.61
		420	6.81	35.68	-151.27	-149.93	34.33	15.79	2238.98	720.81	720.81	2238.98	1.25
		360	3.63	8.98	-168.21	-168.18	8.96	-2.23	245.74	141.06	172.43	214.37	47.96
		258	3.84	20.19	-173.43	-173.21	19.98	6.50	166.93	-31.19	92.06	43.67	96.06
400	1	63	7.22	55.65	-172.04	-171.84	55.45	-6.68	2210.93	838.75	842.40	2207.28	70.64
		51	7.73	80.52	-175.30	-173.80	79.03	-19.51	2193.85	813.09	814.38	2192.55	42.31
		420	7.14	66.03	-149.76	-148.32	64.59	17.57	2148.90	742.46	742.53	2148.84	-9.40
		441	7.36	78.50	-140.11	-138.77	77.17	-17.06	2137.26	658.37	658.75	2136.88	23.65
400	22	63	5.89	44.17	-133.45	-133.43	44.14	-2.23	1854.91	693.94	696.08	1852.77	49.80
		51	6.27	63.69	-135.33	-134.59	62.95	-12.12	1825.23	668.71	668.73	1825.21	4.98
		420	5.78	59.75	-84.54	-82.66	57.86	16.40	1826.56	509.93	511.34	1825.15	-43.03
		441	5.93	66.34	-76.25	-75.51	65.60	-10.20	1829.25	453.58	453.59	1829.24	3.76
400	54	63	5.92	44.01	-133.55	-133.53	43.99	-1.96	1870.57	698.91	701.00	1868.49	49.41
		51	6.29	63.63	-135.36	-134.66	62.92	-11.86	1839.44	673.35	673.36	1839.43	2.43
		420	5.79	60.57	-81.70	-79.72	58.59	16.67	1838.71	504.49	506.11	1837.09	-46.37
		441	5.95	66.85	-73.31	-72.60	66.14	-9.93	1842.73	448.66	448.67	1842.73	2.30
401	3	286	30.48	-76.52	-382.14	-350.71	-107.94	-92.82	-1597.31	-1.052e+04	-1.011e+04	-2003.32	-1859.28
		439	8.78	84.89	-282.33	-279.44	82.01	-32.43	421.80	-1131.48	-816.13	106.44	624.81
		275	8.05	85.01	-65.94	-33.04	52.11	-62.32	2419.83	-921.07	-763.64	2262.41	707.92
		3	7.04	138.99	-27.87	89.18	21.94	76.36	985.35	-1059.15	-840.26	766.46	-632.15
401	34	286	18.83	-74.72	-220.41	-215.85	-79.28	-25.38	-1407.69	-6833.50	-6782.65	-1458.53	-522.76
		439	7.85	49.10	-169.00	-167.16	47.26	19.95	929.69	-1652.02	-588.70	-133.63	1270.65
		275	6.22	65.19	20.05	31.85	53.39	-19.83	1392.51	-1380.50	-771.49	783.50	1148.00
		3	3.80	112.91	-29.18	73.39	10.33	63.67	218.47	-583.30	-582.87	218.04	-18.53
401	66	286	18.84	-75.44	-219.50	-215.44	-79.50	-23.84	-1427.89	-6850.45	-6803.75	-1474.59	-501.03
		439	7.98	49.23	-168.89	-166.76	47.09	21.49	926.91	-1704.07	-612.45	-164.71	1296.30
		275	6.25	64.26	22.61	33.49	53.39	-18.29	1383.46	-1413.62	-784.56	754.40	1167.82
		3	3.82	115.45	-30.16	75.03	10.26	65.20	204.01	-592.99	-592.98	204.01	-2.64
402	3	439	9.32	61.90	-287.88	-273.95	47.97	-68.39	445.91	-1571.13	-1283.93	158.71	704.85
		440	7.60	49.10	-236.80	-231.14	43.44	-39.83	2045.34	655.67	1126.50	1574.51	657.74
		323	4.32	8.21	-164.91	-163.83	7.13	-13.65	1181.51	197.19	425.32	953.38	415.34
		275	7.48	60.20	-51.56	-46.74	55.38	-22.70	2285.36	-500.20	-333.75	2118.92	660.26
402	20	439	6.66	45.10	-184.39	-167.30	28.01	-60.24	950.28	-1130.20	-399.93	220.01	992.99
		440	5.85	48.01	-133.10	-131.03	45.94	-19.27	1947.18	680.40	1232.92	1394.66	628.20
		323	3.08	25.60	-52.97	-48.77	21.40	-17.68	739.26	-283.61	213.24	242.41	511.23
		275	5.22	71.20	-7.14	15.01	49.04	-35.28	1436.78	-693.83	-246.96	989.92	867.42
402	52	439	6.72	45.02	-184.64	-167.14	27.52	-60.92	961.33	-1122.86	-380.72	219.19	997.99
		440	5.89	48.06	-133.03	-130.80	45.84	-19.95	1958.36	695.72	1253.68	1400.41	627.05
		323	3.11	26.00	-52.47	-47.91	21.44	-18.36	745.39	-279.90	220.15	245.33	512.49
		275	5.27	71.83	-7.26	15.85	48.73	-35.96	1439.84	-694.81	-241.36	986.39	873.12
403	3	438	11.03	43.24	-357.71	-357.64	43.17	-5.30	-1025.32	-1931.49	-1911.00	-1045.81	-134.70
		68	9.50	69.43	-321.53	-320.81	68.71	16.73	1124.94	288.47	1121.35	292.05	-54.66
		440	7.37	47.01	-232.86	-226.53	40.67	-41.63	1774.32	867.81	1232.21	1409.92	444.46
		439	9.72	56.49	-286.85	-282.24	51.88	-39.49	181.97	-1712.21	-1467.16	-63.08	635.70
403	36	438	6.35	20.39	-235.35	-235.16	20.20	6.92	392.43	-416.35	-357.10	333.18	210.74
		68	8.57	131.15	-228.42	-227.08	129.81	21.87	2510.25	1966.94	1969.66	2507.53	38.35
		440	6.22	87.18	-108.58	-108.47	87.07	4.55	2241.55	641.26	1281.21	1601.60	783.95
		439	7.05	71.51	-154.25	-152.07	69.33	-22.07	1139.00	-1377.98	-539.78	300.81	1186.23
403	68	438	6.35	20.49	-236.40	-236.14	20.23	8.22	421.96	-396.97	-326.68	351.67	229.39
		68	8.70	132.77	-229.24	-227.75	131.28	23.17	2562.77	2002.55	2006.68	2558.63	47.95
		440	6.39	89.10	-107.15	-106.97	88.93	5.85	2298.54	648.30	1298.36	1648.48	806.34
		439	7.14	71.56	-152.84	-150.90	69.62	-20.77	1183.40	-1393.51	-526.21	316.11	1217.68
404	3	250	5.92	46.10	-64.44	-63.87	45.53	7.89	1392.08	-561.09	-527.14	1358.13	-255.25
		66	5.26	-25.67	-231.06	-230.91	-25.83	5.61	329.90	-203.19	269.49	-142.78	-168.97
		207	6.73	9.57	-242.47	-234.97	2.07	42.82	1229.56	-83.90	486.31	659.35	-651.00
		437	8.64	66.73	-302.01	-282.36	47.08	82.83	172.23	-1440.66	-1119.81	-148.62	-643.85

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
404	34	250	5.82	50.22	-115.63	-114.78	49.37	11.81	1793.07	276.49	443.44	1626.13	-474.67
		66	4.35	-9.81	-177.26	-173.88	-13.19	-23.55	442.36	-129.29	-125.13	438.20	-48.59
		207	6.81	32.77	-184.11	-183.66	32.31	9.91	1640.26	-86.07	106.52	1447.66	-543.50
		437	6.56	77.17	-198.69	-196.12	74.59	26.53	1864.54	325.32	756.14	1433.71	-691.03
404	66	250	5.94	50.34	-118.72	-117.94	49.55	11.47	1829.50	286.77	455.55	1660.72	-481.55
		66	4.42	-9.94	-180.51	-177.09	-13.36	-23.89	465.68	-119.85	-115.15	460.98	-52.23
		207	6.86	32.81	-185.59	-185.17	32.39	9.56	1668.97	-71.40	125.36	1472.21	-551.12
		437	6.65	77.58	-200.06	-197.56	75.09	26.18	1906.68	340.81	777.10	1470.39	-702.01
405	2	428	10.02	12.94	-227.05	-225.78	11.66	-17.47	3834.70	1383.74	1400.89	3817.55	204.31
		429	13.36	26.57	-231.40	-230.81	25.98	12.36	4745.70	875.22	890.03	4730.89	238.95
		63	7.04	13.81	-169.16	-168.26	12.91	12.75	-408.35	-2220.81	-420.70	-2208.46	149.10
		58	5.95	30.84	-167.79	-167.03	30.08	-12.23	175.34	-1076.23	101.66	-1002.54	294.61
405	24	428	9.49	6.12	-209.18	-209.04	5.97	-5.59	3760.01	1397.50	1439.41	3718.09	311.89
		429	11.99	16.83	-214.43	-213.12	15.51	17.36	4429.85	1026.43	1042.99	4413.29	236.80
		63	4.09	14.46	-133.24	-131.10	12.32	17.64	-144.02	-974.74	-174.23	-944.53	155.51
		58	3.84	27.09	-129.92	-129.91	27.07	-1.53	509.32	-292.36	230.32	-13.36	381.87
405	56	428	9.66	5.83	-212.44	-212.34	5.72	-4.86	3834.15	1427.16	1472.30	3789.00	326.55
		429	12.14	16.52	-217.85	-216.44	15.11	18.09	4498.91	1058.00	1075.10	4481.81	241.92
		63	3.98	14.85	-133.54	-131.23	12.54	18.37	-128.45	-913.77	-162.18	-880.04	159.23
		58	3.80	27.44	-130.02	-130.02	27.43	-0.80	555.84	-258.83	243.29	53.73	396.15
406	2	76	8.23	31.91	-291.38	-291.34	31.87	3.32	2237.08	244.20	811.57	1669.71	-899.33
		70	12.57	58.77	-277.12	-276.66	58.30	-12.48	3879.01	871.59	880.76	3869.84	-165.85
		429	13.59	52.73	-226.79	-225.37	51.32	19.85	4683.38	870.95	882.10	4672.22	-205.92
		428	10.35	47.87	-215.40	-212.51	44.98	-27.46	3767.58	1377.95	1403.64	3741.89	246.42
406	22	76	8.14	20.66	-295.54	-295.53	20.66	-0.52	2294.30	540.79	926.18	1908.90	-726.13
		70	12.19	47.26	-283.97	-283.49	46.78	-12.62	3878.25	1018.28	1027.78	3868.76	-164.54
		429	12.60	48.67	-205.80	-205.22	48.08	12.17	4478.25	1026.34	1029.05	4475.54	-96.62
		428	9.49	41.64	-198.48	-196.01	39.17	-24.20	3524.76	1347.35	1379.10	3493.01	260.99
406	54	76	8.31	20.39	-302.21	-302.21	20.39	-0.81	2348.36	573.08	954.30	1967.13	-729.01
		70	12.43	47.16	-290.59	-290.09	46.67	-12.91	3961.92	1050.75	1060.44	3952.24	-167.65
		429	12.80	49.40	-208.74	-208.19	48.86	11.88	4561.39	1059.23	1061.58	4559.03	-90.73
		428	9.63	42.05	-201.53	-199.05	39.56	-24.49	3584.10	1374.07	1406.95	3551.21	267.55
407	2	429	12.37	12.39	-232.63	-230.52	10.28	-22.63	5065.96	1897.14	1903.85	5059.25	145.66
		430	13.54	34.78	-232.77	-232.68	34.70	4.82	5155.25	1568.30	1568.39	5155.16	18.23
		51	8.55	18.57	-184.13	-183.92	18.36	6.42	-56.45	-2440.88	-60.62	-2436.72	99.54
		63	7.98	24.91	-173.36	-172.94	24.48	9.15	-176.11	-2313.44	-183.76	-2305.79	127.62
407	24	429	11.30	4.20	-213.73	-212.77	3.24	-14.42	4645.28	1684.99	1690.98	4639.29	133.07
		430	12.12	20.72	-214.91	-214.72	20.53	6.69	4685.56	1429.22	1429.48	4685.30	28.99
		51	5.36	15.72	-142.31	-141.91	15.32	7.91	132.51	-1141.63	130.19	-1139.30	54.36
		63	4.87	22.11	-133.85	-133.20	21.47	10.02	49.85	-1022.60	39.51	-1012.27	104.76
407	58	429	11.46	4.75	-219.42	-217.86	3.18	-18.65	4688.02	1676.90	1683.71	4681.21	143.02
		430	12.27	20.38	-219.84	-219.81	20.36	2.46	4723.27	1420.73	1421.21	4722.79	39.74
		51	5.30	15.90	-142.78	-142.70	15.82	3.67	129.66	-1104.43	126.68	-1101.45	60.57
		63	4.80	22.28	-134.19	-133.98	22.07	5.78	49.37	-982.45	36.99	-970.07	112.36
408	2	70	11.37	60.31	-296.91	-296.36	59.76	13.97	3541.78	1053.89	1194.96	3400.71	-575.38
		104	13.03	71.95	-275.32	-274.90	71.53	-12.17	4231.72	1250.53	1262.22	4220.03	-186.32
		430	13.69	59.00	-226.17	-225.60	58.43	12.75	5045.83	1550.87	1551.06	5045.65	-25.22
		429	13.37	72.58	-220.60	-216.97	68.95	-32.43	5026.58	1892.87	1893.78	5025.67	53.39
408	22	70	11.42	42.72	-314.12	-314.02	42.63	5.89	3582.09	1145.80	1225.91	3501.98	-434.46
		104	12.81	52.81	-298.00	-297.42	52.23	-14.24	4187.31	1270.50	1282.99	4174.81	-190.50
		430	12.92	53.17	-208.39	-208.30	53.08	4.89	4780.08	1426.67	1426.67	4780.08	-3.52
		429	12.57	64.56	-205.20	-201.85	61.21	-29.87	4723.13	1678.55	1680.88	4720.79	84.33
408	54	70	11.67	42.56	-322.14	-322.06	42.47	5.43	3662.82	1176.41	1254.51	3584.72	-433.70
		104	13.07	52.78	-306.06	-305.46	52.18	-14.70	4274.44	1299.35	1312.14	4261.64	-194.69
		430	13.15	53.88	-211.62	-211.55	53.80	4.43	4865.35	1448.72	1448.72	4865.35	-1.96
		429	12.79	65.35	-208.51	-205.11	61.95	-30.33	4804.49	1699.76	1702.26	4801.99	88.13
409	2	420	6.72	33.77	-151.43	-150.89	33.23	-9.99	2204.99	716.75	720.44	2201.30	-73.98
		421	6.39	43.04	-159.27	-155.80	39.57	26.27	2093.93	791.48	822.69	2062.72	-199.19
		353	3.01	23.05	-103.75	-103.59	22.89	4.55	64.17	-460.47	-52.57	-343.73	-218.22
		360	3.17	22.75	-111.01	-110.74	22.48	5.99	-97.79	-512.28	-108.02	-502.04	-64.32
409	25	420	6.62	29.49	-146.63	-146.42	29.28	-6.09	2197.05	669.20	669.35	2196.90	15.31
		421	6.47	36.44	-152.78	-150.23	33.90	21.81	2126.46	751.81	754.75	2123.52	-63.46
		353	3.35	12.30	-156.26	-156.11	12.14	5.08	319.68	161.76	177.44	304.00	-47.23
		360	3.48	12.30	-161.78	-161.56	12.08	6.19	191.93	84.95	128.66	148.21	52.59
409	57	420	6.76	29.81	-149.45	-149.26	29.62	-5.94	2245.15	679.84	680.15	2244.84	21.92
		421	6.62	36.75	-155.61	-153.07	34.21	21.96	2176.70	763.96	766.11	2174.55	-55.10
		353	3.49	11.79	-163.41	-163.25	11.63	5.23	364.60	189.86	197.66	356.81	-36.07
		360	3.61	11.81	-168.92	-168.70	11.59	6.35	239.91	106.35	148.34	197.92	62.00
410	1	51	7.61	73.33	-176.05	-175.47	72.75	-11.97	2206.32	834.07	836.25	2204.14	54.62
		309	7.97	86.01	-191.55	-189.64	84.10	-22.95	2287.38	986.07	991.72	2281.73	85.55
		421	6.93	81.03	-158.44	-155.75	78.35	25.21	1992.37	839.56	851.82	1980.11	-118.28
		420	7.25	72.16	-147.73	-147.21	71.64	-10.70	2138.07	726.20	726.67	2137.60	-25.69
410	22	51	6.19	58.68	-137.04	-136.41	58.05	-11.14	1832.78	677.94	678.06	1832.66	11.65

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		309	6.45	68.90	-149.06	-147.28	67.11	-19.66	1873.58	790.69	791.17	1873.10	22.76
		421	5.49	69.47	-90.87	-88.95	67.54	17.47	1707.28	641.22	663.40	1685.09	-152.18
		420	5.81	63.11	-83.04	-82.34	62.40	-10.15	1826.30	562.76	566.19	1822.87	-65.73
410	54	51	6.22	58.66	-137.20	-136.55	58.01	-11.32	1846.74	681.93	682.00	1846.67	8.82
		309	6.48	68.93	-149.23	-147.41	67.12	-19.84	1885.66	794.49	794.81	1885.33	18.80
		421	5.50	70.09	-87.97	-86.06	68.18	17.28	1719.46	639.06	662.65	1695.86	-157.90
		420	5.82	63.79	-80.20	-79.45	63.04	-10.33	1839.33	561.23	565.10	1835.45	-70.28
411	3	421	6.29	12.91	-222.98	-222.78	12.71	6.98	1885.87	813.72	847.89	1851.70	-188.33
		422	6.19	24.43	-229.08	-227.73	23.08	18.47	1795.19	774.21	906.71	1662.69	-343.11
		359	4.34	5.15	-197.00	-197.00	5.15	-0.11	688.71	81.69	248.18	522.22	-270.81
		353	4.57	1.02	-215.36	-215.32	0.98	-2.75	338.28	85.05	200.92	222.41	-126.16
411	25	421	6.50	34.58	-149.47	-149.45	34.56	1.84	2123.13	720.27	722.04	2121.37	-49.70
		422	6.10	41.78	-160.37	-154.96	36.37	32.63	1985.57	790.82	815.90	1960.48	-171.30
		359	3.39	15.35	-143.35	-142.76	14.75	9.71	585.16	163.15	222.49	525.82	-146.70
		353	3.33	12.98	-155.06	-154.33	12.25	11.03	300.68	173.97	175.93	298.72	-15.64
411	57	421	6.65	34.92	-152.21	-152.19	34.90	2.10	2172.67	728.60	729.67	2171.61	-39.15
		422	6.26	42.07	-163.13	-157.71	36.66	32.89	2034.35	803.34	824.04	2013.64	-158.31
		359	3.57	14.81	-150.35	-149.74	14.20	9.97	626.32	198.10	242.93	581.50	-131.10
		353	3.46	12.52	-162.04	-161.31	11.78	11.29	351.50	195.76	195.79	351.46	-2.47
412	1	309	8.00	85.88	-190.33	-189.28	84.83	-17.00	2301.57	996.61	1000.66	2297.53	72.58
		313	8.44	100.78	-215.91	-213.61	98.48	-26.86	2429.25	1238.93	1262.66	2405.52	166.39
		422	6.19	91.03	-173.62	-167.93	85.34	38.41	1719.26	879.35	971.71	1626.91	-262.76
		421	6.93	78.45	-155.98	-155.95	78.42	-2.65	1994.40	854.82	865.65	1983.57	-110.58
412	26	309	6.48	69.16	-150.17	-148.10	67.09	-21.22	1887.35	814.10	814.11	1887.35	-2.26
		313	6.79	81.56	-170.19	-166.83	78.19	-28.90	1952.52	1005.45	1009.34	1948.63	60.57
		422	4.93	76.27	-102.07	-99.44	73.64	21.49	1502.10	646.97	753.63	1395.44	-282.54
		421	5.60	68.29	-90.94	-90.30	67.65	-10.11	1715.63	648.07	671.82	1691.88	-157.45
412	58	309	6.51	69.26	-150.57	-148.35	67.04	-21.98	1899.82	819.33	819.38	1899.77	-7.58
		313	6.81	81.78	-170.60	-167.07	78.24	-29.65	1962.04	1011.11	1014.22	1958.92	54.35
		422	4.95	76.83	-99.13	-96.65	74.35	20.73	1515.43	642.31	753.13	1404.60	-290.66
		421	5.62	69.05	-88.28	-87.52	68.29	-10.86	1728.71	645.97	671.58	1703.10	-164.55
413	1	422	5.90	46.06	-162.34	-161.88	45.61	9.73	1976.05	776.05	968.65	1783.44	-440.49
		423	6.75	55.89	-183.12	-172.00	44.77	50.33	1875.23	413.89	917.70	1371.41	-694.57
		253	3.38	36.25	-66.36	-64.62	34.51	13.24	789.95	-511.88	6.63	271.43	-637.31
		359	3.16	27.61	-91.84	-89.58	25.35	16.29	350.71	-448.17	0.57	-98.03	-396.39
413	28	422	3.82	31.53	-97.44	-97.37	31.47	2.85	1270.40	199.55	646.26	823.69	-528.03
		423	5.41	40.06	-112.93	-104.93	32.06	34.05	1318.55	-174.58	617.51	526.46	-745.17
		253	3.35	35.17	19.09	21.39	32.88	5.62	397.59	-991.17	-218.34	-375.24	-689.93
		359	2.96	27.21	-0.46	2.06	24.68	7.97	77.99	-983.48	-227.90	-677.60	-480.75
413	57	422	6.22	39.83	-154.93	-154.12	39.02	12.58	2044.34	851.25	863.59	2032.00	-120.72
		423	5.55	46.17	-171.39	-162.20	36.97	43.78	1780.32	737.02	825.53	1691.80	-290.72
		253	3.82	21.22	-128.96	-127.38	19.63	15.35	944.51	146.58	251.73	839.36	-269.90
		359	3.48	15.82	-148.24	-146.31	13.89	17.69	612.08	218.64	250.80	579.92	-107.79
414	3	313	7.75	40.47	-262.69	-260.34	38.11	-26.60	918.64	106.99	912.61	113.02	69.70
		42	8.65	61.85	-304.82	-302.77	59.79	-27.39	773.81	-5.48	769.67	-1.35	56.62
		423	6.81	40.37	-250.87	-246.85	36.36	33.96	1461.92	551.16	828.93	1184.14	-419.32
		422	6.30	30.44	-240.26	-239.03	29.20	18.25	1629.55	849.19	930.31	1548.43	-238.16
414	29	313	7.17	86.51	-164.70	-164.34	86.15	-9.49	1885.09	692.64	698.93	1878.80	86.36
		42	6.66	69.29	-198.36	-198.21	69.13	6.48	1787.29	423.15	796.02	1414.42	607.96
		423	5.36	69.70	-167.80	-159.11	61.00	44.61	1138.47	537.05	762.16	913.36	-291.05
		422	4.64	55.18	-160.01	-157.45	52.63	23.30	1102.08	724.30	724.44	1101.94	7.05
414	65	313	7.22	86.51	-165.00	-164.77	86.28	-7.56	1872.28	652.29	658.97	1865.60	90.04
		42	6.73	69.58	-198.91	-198.65	69.32	8.40	1770.06	380.65	759.23	1391.48	618.61
		423	5.38	70.33	-170.50	-161.15	60.97	46.53	1118.25	561.48	761.21	918.52	-267.04
		422	4.69	55.49	-162.46	-159.50	52.53	25.22	1099.89	720.13	721.68	1098.34	24.22
415	2	58	6.93	53.34	-164.16	-164.06	53.24	4.78	2058.20	696.63	711.65	2043.18	142.22
		63	7.35	60.69	-158.44	-158.29	60.54	-5.66	1983.13	376.77	381.07	1978.83	82.94
		441	7.65	59.86	-143.71	-140.70	56.84	24.60	2212.62	371.35	371.83	2212.14	29.66
		435	7.45	74.03	-147.57	-142.86	69.32	-31.97	2215.49	642.76	650.26	2207.98	108.41
415	32	58	6.31	46.20	-128.74	-127.62	45.07	14.00	1973.61	592.70	616.37	1949.94	179.24
		63	6.15	48.33	-123.82	-123.61	48.12	6.02	1730.64	320.26	330.74	1720.15	121.15
		441	6.07	55.47	-86.15	-79.81	49.13	29.29	1873.66	294.17	294.43	1873.40	20.30
		435	6.36	64.65	-82.02	-80.63	63.26	-14.22	2056.03	533.25	537.17	2052.11	77.23
415	64	58	6.40	46.67	-128.99	-127.71	45.39	14.97	2009.20	597.70	622.44	1984.45	185.23
		63	6.19	48.29	-124.03	-123.74	48.00	6.99	1748.05	322.51	333.78	1736.78	126.25
		441	6.10	56.45	-84.00	-77.15	49.59	30.26	1889.71	293.60	293.85	1889.45	20.18
		435	6.43	65.40	-79.11	-77.89	64.18	-13.25	2090.10	536.80	540.67	2086.24	77.43
416	2	435	6.60	31.86	-151.87	-146.36	26.35	-31.35	2222.37	678.02	686.77	2213.62	115.93
		441	7.12	33.85	-146.49	-143.38	30.75	23.46	2142.50	325.29	329.07	2138.73	82.72
		258	3.00	15.81	-119.84	-118.38	14.35	13.99	-173.60	-481.59	-176.56	-478.63	-30.05
		333	3.46	27.20	-119.45	-116.17	23.91	-21.70	-29.91	-513.53	-104.15	-439.29	174.34
416	21	435	6.28	26.55	-144.87	-140.44	22.12	-27.20	2132.42	642.35	649.27	2125.50	101.32
		441	6.82	29.33	-139.04	-137.70	27.99	14.97	2128.98	379.36	385.14	2123.20	100.38

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		258	3.25	8.34	-155.05	-154.69	7.98	7.68	143.83	42.13	54.76	131.20	33.53
		333	3.58	15.13	-155.72	-153.41	12.82	-19.74	273.46	-68.08	97.45	107.93	170.69
416	53	435	6.40	26.74	-147.49	-143.04	22.29	-27.49	2173.19	653.78	660.67	2166.30	102.09
		441	6.95	29.65	-141.53	-140.26	28.38	14.69	2174.76	391.29	397.34	2168.72	103.67
		258	3.39	8.02	-160.96	-160.64	7.69	7.39	190.43	59.81	72.40	177.84	38.55
		333	3.69	14.61	-161.70	-159.40	12.30	-20.02	306.62	-42.83	113.99	149.80	173.80
417	2	430	13.39	29.63	-234.67	-233.33	28.29	-18.79	5158.28	1600.27	1600.39	5158.16	20.47
		432	13.68	37.34	-237.50	-237.48	37.32	2.50	5194.82	1611.31	1611.40	5194.74	17.52
		309	9.20	36.00	-197.65	-196.94	35.29	12.83	-0.78	-2442.73	-0.87	-2442.64	15.18
		51	8.58	24.70	-183.59	-183.02	24.13	10.86	-102.92	-2445.49	-104.74	-2443.67	65.30
417	26	430	12.02	18.24	-219.94	-217.53	15.83	-23.86	4666.54	1440.53	1440.54	4666.54	2.53
		432	12.19	23.23	-220.87	-220.64	23.00	-7.48	4681.06	1447.37	1447.40	4681.04	-8.87
		309	5.92	28.93	-153.25	-153.25	28.93	0.43	146.88	-1181.23	146.52	-1180.87	-21.84
		51	5.39	20.02	-142.58	-142.58	20.01	-1.06	68.10	-1169.96	67.46	-1169.33	28.08
417	58	430	12.17	17.84	-223.65	-221.08	15.28	-24.74	4728.11	1459.31	1459.31	4728.11	1.28
		432	12.34	22.77	-224.47	-224.19	22.49	-8.36	4741.51	1465.87	1465.90	4741.47	-11.02
		309	5.82	29.07	-153.39	-153.39	29.07	-0.45	159.39	-1122.17	158.91	-1121.68	-24.84
		51	5.29	20.14	-142.75	-142.73	20.12	-1.94	80.69	-1109.57	80.12	-1108.99	26.13
418	2	104	12.84	68.48	-277.96	-277.27	67.79	15.42	4193.36	1202.53	1237.99	4157.90	-323.72
		109	13.36	69.06	-264.84	-264.62	68.84	-8.61	4452.30	1248.58	1249.64	4451.24	58.14
		432	14.06	70.97	-226.20	-225.78	70.55	11.22	5123.79	1595.73	1596.19	5123.32	-40.31
		430	13.86	66.96	-227.02	-224.25	64.19	-28.37	5082.37	1578.93	1579.66	5081.64	50.72
418	22	104	12.62	49.67	-296.96	-296.84	49.54	6.70	4147.93	1246.37	1267.03	4127.28	-243.94
		109	13.06	50.66	-287.60	-287.19	50.25	-11.80	4372.97	1274.84	1274.88	4372.93	-12.02
		432	13.23	61.97	-209.18	-209.14	61.93	3.43	4863.33	1480.15	1481.26	4862.22	-61.34
		430	13.05	60.23	-210.69	-207.97	57.51	-27.03	4811.71	1464.40	1465.03	4811.08	46.02
418	54	104	12.88	49.64	-304.75	-304.64	49.53	6.21	4234.28	1276.27	1296.44	4214.11	-243.41
		109	13.32	50.65	-295.44	-295.00	50.22	-12.29	4461.68	1304.11	1304.20	4461.59	-17.11
		432	13.46	62.63	-212.48	-212.45	62.60	2.94	4950.81	1503.94	1505.12	4949.62	-63.91
		430	13.28	61.01	-214.06	-211.28	58.23	-27.52	4897.32	1487.98	1488.62	4896.68	46.67
419	2	432	13.72	39.12	-238.84	-237.38	37.65	-20.14	5204.06	1615.54	1615.65	5203.95	-19.73
		436	13.52	46.58	-242.38	-242.35	46.54	-3.36	5146.76	1824.43	1824.57	5146.62	-21.61
		313	9.95	50.30	-219.96	-218.55	48.89	19.48	260.92	-2275.59	260.86	-2275.53	12.47
		309	9.22	35.59	-197.73	-196.72	34.58	15.30	-4.28	-2458.72	-4.34	-2458.66	11.97
419	26	432	12.22	26.33	-222.39	-219.57	23.51	-26.35	4696.18	1486.73	1487.47	4695.44	-48.79
		436	12.04	30.47	-224.17	-223.46	29.76	-13.43	4647.24	1645.18	1646.94	4645.48	-72.71
		313	6.61	38.83	-171.04	-170.96	38.76	4.05	367.65	-1053.52	366.26	-1052.13	-44.45
		309	5.97	28.14	-154.09	-154.08	28.14	0.87	162.42	-1190.23	161.59	-1189.40	-33.48
419	58	432	12.37	26.02	-226.03	-223.03	23.01	-27.36	4757.38	1508.48	1509.32	4756.54	-52.13
		436	12.18	30.02	-227.74	-226.93	29.21	-14.44	4708.88	1666.76	1668.75	4706.90	-77.61
		313	6.53	38.88	-171.26	-171.21	38.83	3.04	382.08	-994.37	380.30	-992.60	-49.39
		309	5.88	28.25	-154.33	-154.33	28.25	-0.14	176.76	-1131.10	175.70	-1130.04	-37.30
420	2	109	13.34	70.16	-266.01	-265.11	69.25	17.43	4447.21	1250.54	1255.25	4442.49	-122.66
		114	13.31	69.16	-248.55	-248.32	68.93	-8.52	4569.82	1294.97	1319.30	4545.49	281.21
		436	13.79	80.78	-227.50	-227.39	80.67	5.84	5015.68	1782.20	1782.85	5015.03	45.93
		432	14.08	72.80	-228.58	-225.74	69.96	-29.13	5132.18	1601.18	1602.69	5130.67	73.07
420	22	109	12.96	51.28	-283.22	-283.03	51.09	7.99	4374.49	1295.94	1303.47	4366.97	-152.04
		114	12.89	50.27	-270.64	-270.19	49.82	-11.99	4457.54	1345.47	1353.04	4449.97	153.24
		436	12.99	69.70	-209.36	-209.36	69.70	-0.95	4789.31	1661.44	1661.52	4789.24	-15.28
		432	13.23	64.62	-210.93	-208.08	61.77	-27.85	4875.64	1524.36	1524.40	4875.60	10.52
420	54	109	13.22	51.31	-290.59	-290.43	51.15	7.48	4463.60	1327.08	1334.99	4455.69	-157.29
		114	13.15	50.25	-278.07	-277.60	49.77	-12.50	4545.89	1377.73	1384.61	4539.00	147.54
		436	13.21	70.37	-212.58	-212.57	70.36	-1.46	4877.75	1688.68	1688.80	4877.63	-19.88
		432	13.45	65.38	-214.21	-211.30	62.48	-28.36	4963.73	1551.72	1551.73	4963.72	6.55
421	2	436	14.03	59.03	-242.23	-240.70	57.50	-21.46	5291.05	1877.08	1877.10	5291.04	-8.14
		427	12.29	53.27	-252.53	-250.42	51.16	-25.35	4695.80	2138.63	2148.24	4686.19	-156.50
		42	10.30	97.98	-263.02	-257.55	92.50	44.12	829.75	-1263.48	785.44	-1219.17	301.29
		313	10.17	32.03	-219.87	-218.54	30.70	18.30	220.46	-2557.86	218.15	-2555.55	-80.12
421	22	436	12.38	42.20	-223.84	-220.29	38.66	-30.50	4762.73	1750.59	1753.35	4759.97	-91.07
		427	11.33	39.69	-231.55	-227.35	35.49	-33.48	4401.12	1946.53	1966.53	4381.12	-220.66
		42	7.19	75.55	-202.99	-201.57	74.13	19.84	888.96	-185.02	856.95	-153.01	182.62
		313	6.90	24.73	-171.72	-171.72	24.73	-6.03e-03	418.05	-1260.71	412.80	-1255.47	-93.70
421	54	436	12.53	41.97	-227.39	-223.58	38.16	-31.81	4824.65	1778.66	1781.88	4821.43	-98.97
		427	11.50	39.67	-235.08	-230.60	35.19	-34.79	4471.45	1974.74	1996.13	4450.06	-230.11
		42	7.15	75.61	-203.13	-201.89	74.37	18.53	911.79	-118.06	879.32	-85.59	179.95
		313	6.83	24.82	-172.05	-172.04	24.81	-1.31	439.27	-1200.62	433.78	-1195.13	-94.72
422	2	114	13.36	72.39	-248.57	-247.43	71.25	19.08	4555.46	1330.65	1334.94	4551.17	117.63
		96	13.08	70.90	-222.70	-222.25	70.45	-11.47	4636.74	1250.88	1354.84	4532.78	584.12
		427	12.97	93.80	-230.12	-230.08	93.76	-3.55	4665.20	1953.95	1979.45	4639.71	261.66
		436	13.70	81.07	-233.82	-229.42	76.67	-36.96	5005.76	1784.09	1790.05	4999.80	138.44
422	22	114	13.00	56.52	-269.72	-269.72	56.52	-0.36	4458.33	1374.58	1376.49	4456.41	76.78
		96	12.53	52.68	-252.41	-250.53	50.80	-23.87	4450.89	1319.97	1380.67	4390.19	431.71
		427	12.14	80.42	-210.50	-209.41	79.33	-17.78	4466.66	1870.76	1876.70	4460.71	124.07

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		436	12.91	73.78	-215.41	-208.72	67.09	-43.47	4790.58	1743.98	1744.20	4790.35	26.19
422	54	114	13.25	56.38	-277.16	-277.15	56.37	-1.77	4547.44	1407.28	1409.10	4545.63	75.48
		96	12.76	52.78	-260.03	-257.98	50.73	-25.27	4533.76	1353.00	1412.27	4474.49	430.13
		427	12.35	81.20	-213.69	-212.44	79.95	-19.19	4550.51	1904.63	1909.79	4545.35	116.74
		436	13.13	74.84	-218.76	-211.73	67.81	-44.88	4880.00	1778.16	1778.27	4879.89	18.69
423	2	440	7.08	66.02	-182.56	-170.53	53.99	-53.33	2193.05	659.33	1106.94	1745.44	697.25
		435	6.66	32.69	-151.51	-150.27	31.45	15.07	2253.47	810.51	835.02	2228.95	186.49
		333	3.26	23.00	-114.70	-114.64	22.93	2.92	-10.44	-467.61	-37.45	-440.60	107.79
		323	4.02	36.94	-87.38	-80.84	30.39	-27.76	761.31	-519.13	39.56	202.62	635.00
423	35	440	5.91	50.22	-164.09	-152.75	38.89	-47.96	2016.85	691.40	825.43	1882.82	399.61
		435	6.47	27.68	-136.16	-136.03	27.55	4.65	2154.07	594.34	600.14	2148.27	94.92
		333	3.21	13.42	-146.17	-146.03	13.28	-4.66	150.44	135.60	137.69	148.35	-5.16
		323	3.45	19.11	-126.80	-121.11	13.42	-28.25	893.36	75.75	217.95	751.16	309.91
423	67	440	6.05	50.18	-166.30	-154.77	38.65	-48.61	2055.72	702.83	824.33	1934.22	386.80
		435	6.60	27.95	-138.04	-137.94	27.86	4.00	2194.83	591.65	596.79	2189.69	90.61
		333	3.30	13.05	-151.61	-151.44	12.88	-5.32	197.60	149.15	153.13	193.63	-13.29
		323	3.60	18.26	-132.38	-126.62	12.49	-28.90	930.29	111.51	235.39	806.42	293.40
424	2	68	9.56	141.96	-247.28	-240.59	135.26	50.60	2782.01	1926.39	1933.86	2774.53	-79.64
		58	6.88	45.15	-153.01	-150.48	42.61	22.26	2148.52	683.39	704.14	2127.78	173.10
		435	7.68	80.90	-150.49	-148.09	78.50	23.45	2372.84	948.49	948.51	2372.82	5.17
		440	7.11	100.44	-194.29	-180.14	86.29	-63.01	1712.36	648.68	1075.38	1285.66	521.35
424	32	68	8.84	129.14	-201.19	-191.33	119.27	56.23	2679.55	1808.35	1815.29	2672.60	77.46
		58	6.28	42.11	-131.78	-124.66	35.00	34.45	2106.36	803.93	843.29	2067.00	222.96
		435	6.66	75.38	-100.57	-93.14	67.95	35.40	2210.82	912.78	914.82	2208.78	51.43
		440	5.32	91.89	-119.70	-115.04	87.23	-31.07	1805.42	709.36	1028.76	1486.02	498.07
424	64	68	8.99	131.05	-202.28	-191.91	120.69	57.86	2731.06	1836.29	1845.44	2721.91	90.03
		58	6.37	42.84	-133.22	-125.49	35.11	36.08	2148.03	829.76	871.41	2106.38	230.59
		435	6.74	76.80	-99.35	-91.19	68.64	37.03	2248.10	929.99	932.33	2245.76	55.51
		440	5.45	93.38	-117.04	-112.83	89.18	-29.44	1852.65	728.70	1048.19	1533.16	506.97
425	2	423	6.15	50.14	-176.99	-175.49	48.64	18.41	1900.93	403.74	923.42	1381.25	-712.74
		431	7.70	60.88	-202.78	-189.72	47.82	57.21	1658.78	-441.01	435.70	782.07	-1035.51
		387	4.45	50.65	-30.49	-25.85	46.01	18.84	1327.66	-658.14	-111.05	780.58	-887.18
		253	3.59	35.97	-66.89	-62.32	31.39	21.20	806.33	-467.21	46.98	292.14	-624.86
425	28	423	4.82	34.37	-112.24	-112.06	34.19	5.22	1303.17	-328.12	500.61	474.43	-815.54
		431	6.44	42.46	-130.18	-122.73	35.01	35.08	1195.11	-952.83	139.50	102.79	-1073.81
		387	4.16	48.97	37.59	44.61	41.96	5.53	806.24	-1023.66	-322.97	105.56	-889.51
		253	3.32	32.55	12.97	16.27	29.25	7.33	392.22	-971.04	-218.92	-359.90	-677.97
425	60	423	4.85	34.03	-110.05	-109.91	33.89	4.39	1292.43	-389.07	482.32	421.04	-840.19
		431	6.50	42.06	-127.77	-120.56	34.85	34.25	1190.31	-1009.69	122.90	57.73	-1099.51
		387	4.26	52.80	40.41	50.64	42.57	4.70	788.27	-1073.81	-344.94	59.39	-908.82
		253	3.42	33.49	18.51	22.28	29.72	6.50	373.07	-1029.99	-242.56	-414.36	-696.25
426	2	42	9.37	84.98	-291.06	-289.70	83.63	-22.55	2094.64	722.51	1466.67	1350.48	683.60
		433	9.26	68.83	-292.48	-292.43	68.78	-4.41	1449.34	553.69	1419.60	583.43	-160.48
		431	6.37	87.61	-191.91	-187.08	82.78	36.43	1205.07	-279.22	341.54	584.30	-732.15
		423	6.04	85.37	-156.56	-153.32	82.13	27.81	1853.94	571.77	1030.35	1395.36	-614.55
426	14	42	7.90	63.77	-237.33	-235.65	62.09	-22.44	1813.04	700.72	1342.43	1171.34	549.54
		433	7.62	47.48	-238.50	-238.24	47.22	-8.56	1328.33	636.59	1311.20	653.72	-107.50
		431	4.62	65.02	-141.90	-139.34	62.46	22.87	1028.01	48.58	433.65	642.93	-478.40
		423	4.53	65.02	-114.66	-113.18	63.55	16.20	1465.75	668.38	947.48	1186.66	-380.33
426	46	42	7.96	63.59	-238.61	-236.86	61.85	-22.92	1828.23	709.52	1358.29	1179.47	552.16
		433	7.66	46.99	-239.78	-239.49	46.70	-9.04	1345.43	654.79	1328.87	671.35	-105.67
		431	4.60	64.80	-141.36	-138.90	62.34	22.39	1036.36	72.15	448.57	659.94	-470.38
		423	4.52	64.96	-114.11	-112.71	63.57	15.72	1467.25	688.14	960.64	1194.75	-371.56
427	2	427	11.66	60.03	-236.29	-232.62	56.36	-32.78	4413.25	2076.13	2089.90	4399.48	-178.86
		434	9.87	67.96	-266.22	-263.62	65.36	-29.38	3351.11	1603.49	1675.85	3278.75	348.17
		433	9.77	115.01	-288.35	-288.35	115.01	-0.88	1665.04	579.07	1500.84	743.26	-389.03
		42	10.28	92.14	-291.57	-290.72	91.29	18.03	1099.60	-558.06	1067.07	-525.53	229.91
427	26	427	10.81	47.52	-216.61	-209.35	40.26	-43.19	4209.83	2010.19	2038.21	4181.81	-246.67
		434	9.27	51.86	-239.02	-233.24	46.08	-40.60	3360.97	1710.38	1722.32	3349.02	139.88
		433	7.49	92.21	-224.24	-223.14	91.11	-18.67	1853.15	1032.84	1498.77	1387.22	-406.34
		42	7.60	73.19	-224.96	-224.90	73.13	-4.19	1183.91	386.82	1174.06	396.67	88.06
427	58	427	10.97	47.77	-219.94	-212.20	40.03	-44.86	4282.65	2047.10	2077.07	4252.68	-257.11
		434	9.44	51.97	-242.30	-236.10	45.76	-42.28	3433.57	1752.17	1761.93	3423.81	127.73
		433	7.51	92.61	-224.59	-223.28	91.30	-20.34	1911.71	1077.82	1529.31	1460.22	-415.51
		42	7.59	73.49	-225.16	-225.04	73.37	-5.87	1212.51	456.92	1203.75	465.67	80.86
428	2	96	13.17	72.39	-220.51	-219.47	71.34	17.48	4603.50	1302.99	1350.79	4555.70	394.34
		133	12.75	76.42	-170.70	-169.68	75.39	-15.90	4616.08	864.56	1147.10	4333.54	990.01
		434	11.91	105.45	-242.99	-241.16	103.63	-25.14	4062.05	1610.30	1749.63	3922.72	567.62
		427	12.99	99.50	-242.49	-234.87	91.88	-50.47	4734.17	1960.58	2018.81	4675.94	397.64
428	22	96	12.55	56.66	-239.02	-239.02	56.66	-0.54	4443.85	1374.53	1405.41	4412.97	306.33
		133	11.96	62.83	-203.68	-201.07	60.23	-26.23	4341.40	1033.21	1227.89	4146.72	778.55
		434	10.94	89.65	-217.99	-214.33	86.00	-33.33	3894.54	1703.10	1767.22	3830.42	369.34
		427	12.12	87.96	-218.51	-209.12	78.58	-52.81	4526.00	1978.50	1998.39	4506.10	224.25

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
428	54	96	12.77	56.58	-245.61	-245.60	56.57	-1.85	4528.17	1409.16	1439.58	4497.75	306.54
		133	12.16	63.02	-210.48	-207.68	60.22	-27.53	4415.40	1067.29	1260.16	4222.54	780.09
		434	11.12	90.42	-220.94	-217.03	86.52	-34.64	3968.63	1745.59	1806.55	3907.66	363.06
		427	12.33	89.01	-221.53	-211.79	79.27	-54.12	4610.55	2021.40	2039.63	4592.32	216.50
429	3	431	7.11	59.78	-261.60	-253.75	51.93	49.59	1297.51	-386.07	146.52	764.92	-782.95
		417	9.95	61.29	-290.48	-281.07	51.88	56.75	147.05	-1787.75	-1593.39	-47.30	-581.61
		392	7.22	53.37	-48.79	-43.83	48.41	21.96	2198.52	-517.02	-394.63	2076.13	-563.36
		387	6.00	30.70	-113.62	-112.14	29.22	14.56	1796.30	-95.26	99.89	1601.14	-575.38
429	20	431	5.65	40.47	-141.02	-140.85	40.30	5.59	1094.24	-914.67	-122.76	302.32	-981.71
		417	7.12	38.59	-166.68	-163.57	35.49	25.06	369.94	-1854.49	-1248.48	-236.07	-990.34
		392	4.76	53.82	34.32	35.35	52.79	4.37	1207.73	-968.30	-582.48	821.90	-831.09
		387	3.70	41.89	-1.76	0.47	39.66	9.61	916.86	-806.29	-291.18	401.74	-788.84
429	52	431	5.75	40.59	-140.39	-140.28	40.48	4.50	1077.44	-964.90	-164.83	277.37	-996.95
		417	7.22	38.69	-165.82	-162.97	35.84	23.97	355.26	-1897.83	-1289.04	-253.53	-1000.52
		392	4.79	53.97	36.46	37.09	53.33	3.28	1196.72	-989.07	-600.61	808.26	-835.58
		387	3.71	41.86	0.37	2.20	40.03	8.52	905.13	-834.91	-310.83	381.05	-798.29
430	3	433	8.51	69.69	-342.87	-342.72	69.54	-7.69	142.07	-331.86	141.95	-331.74	7.61
		418	12.50	49.14	-368.15	-368.12	49.11	-3.63	-1170.06	-2477.93	-2477.93	-1170.06	0.38
		417	10.19	55.82	-289.60	-284.11	50.33	43.21	-81.10	-1903.55	-1769.07	-215.58	-476.45
		431	6.66	58.38	-266.32	-261.51	53.56	39.26	968.57	-314.12	118.82	535.64	-606.54
430	19	433	5.32	61.78	-220.27	-219.65	61.16	-13.17	365.27	234.19	282.50	316.96	-63.24
		418	8.25	43.33	-233.09	-233.01	43.25	-4.60	-287.39	-1514.86	-1450.47	-351.78	-273.65
		417	6.73	64.74	-168.44	-165.50	61.80	26.02	-93.53	-1738.75	-1291.62	-540.65	-731.92
		431	4.98	69.29	-148.41	-145.82	66.69	23.61	729.79	-638.60	-49.58	140.77	-677.54
430	51	433	5.19	62.12	-219.59	-219.03	61.55	-12.61	326.15	179.89	215.39	290.65	-62.70
		418	8.37	44.06	-232.37	-232.31	44.00	-4.05	-323.61	-1579.06	-1518.95	-383.72	-268.05
		417	6.78	65.34	-168.76	-165.70	62.28	26.58	-124.44	-1768.99	-1326.39	-567.04	-729.37
		431	4.98	69.57	-148.79	-146.08	66.87	24.17	707.05	-670.21	-83.22	120.06	-681.09
431	3	434	6.98	59.78	-278.42	-271.38	52.74	-48.31	1129.73	-197.17	195.95	736.61	605.87
		419	10.45	60.47	-298.73	-291.09	52.84	-51.80	83.30	-1842.92	-1715.23	-44.38	479.21
		418	12.49	48.78	-368.41	-368.29	48.66	-7.13	-1188.04	-2479.19	-2478.73	-1188.50	-24.46
		433	8.53	69.88	-342.79	-342.76	69.86	-3.51	140.57	-346.33	140.28	-346.03	-11.92
431	22	434	9.47	63.78	-236.52	-224.73	51.99	-58.32	3487.11	1923.32	1929.39	3481.05	97.20
		419	8.98	55.49	-247.13	-234.21	42.57	-61.17	2526.93	611.59	632.08	2506.44	197.01
		418	7.95	68.68	-243.52	-239.42	64.59	-35.51	900.99	-530.66	-209.42	579.75	-597.25
		433	7.70	91.25	-231.61	-226.39	86.03	-40.72	1738.64	932.29	1517.38	1153.55	-359.80
431	54	434	9.63	64.42	-239.59	-226.96	51.80	-60.65	3561.54	1972.14	1977.00	3556.68	87.75
		419	9.09	55.94	-250.27	-236.47	42.15	-63.50	2589.22	659.63	677.60	2571.26	185.30
		418	8.06	69.34	-244.37	-239.73	64.70	-37.84	975.08	-505.21	-172.49	642.36	-617.91
		433	7.73	92.06	-232.48	-226.66	86.25	-43.05	1803.39	979.44	1555.94	1226.90	-377.70
432	1	133	12.87	77.30	-168.53	-167.92	76.69	12.23	4569.37	1002.18	1181.11	4390.44	778.62
		138	11.90	84.76	-92.54	-89.06	81.27	-24.61	4250.88	84.44	530.32	3805.01	1287.98
		419	11.43	103.52	-267.55	-262.75	98.73	-41.90	2779.64	-1.81	202.99	2574.85	726.42
		434	11.67	118.89	-257.51	-242.92	104.30	-72.67	4078.12	1478.16	1726.99	3829.29	764.87
432	22	133	11.90	61.08	-187.64	-187.56	61.00	-4.53	4334.29	1148.73	1294.74	4188.28	666.19
		138	10.72	63.57	-133.23	-127.58	57.92	-32.85	3970.13	395.67	766.55	3599.26	1090.01
		419	9.89	87.32	-231.54	-224.72	80.49	-46.15	2843.63	545.99	678.68	2710.95	535.96
		434	10.76	103.25	-224.39	-208.76	87.62	-69.82	3958.90	1735.85	1876.00	3818.76	540.29
432	54	133	12.08	61.14	-193.15	-193.02	61.01	-5.83	4411.31	1183.64	1330.28	4264.67	672.17
		138	10.88	63.56	-139.03	-133.10	57.63	-34.15	4036.03	426.33	799.47	3662.89	1098.95
		419	10.00	88.02	-233.97	-226.83	80.87	-47.44	2908.07	592.66	723.98	2776.74	535.55
		434	10.93	104.33	-226.86	-210.81	88.27	-71.12	4033.80	1787.54	1923.93	3897.41	536.44
433	3	417	9.94	63.46	-292.51	-283.96	54.91	54.50	160.59	-1789.00	-1558.65	-69.76	-629.30
		424	17.30	16.65	-320.90	-311.75	7.50	54.81	-951.58	-4913.89	-4867.54	-997.93	426.01
		397	6.64	51.39	21.68	22.64	50.43	5.24	1852.06	-1010.32	-998.34	1840.07	-184.83
		392	7.45	58.98	-46.84	-40.05	52.19	25.92	2272.07	-553.76	-434.36	2152.68	-568.45
433	20	417	7.84	36.47	-171.41	-171.40	36.46	-1.49	252.45	-1919.85	-1387.05	-280.34	-934.62
		424	11.78	2.42	-194.32	-193.67	1.78	11.24	-827.08	-3683.78	-3648.05	-862.81	-317.50
		397	4.31	64.85	42.26	55.31	51.81	-11.16	882.69	-1085.16	-974.93	772.45	-452.51
		392	4.63	62.50	25.76	32.98	55.28	14.60	1178.66	-966.24	-649.38	861.79	-761.08
433	52	417	7.96	36.76	-171.27	-171.24	36.73	-2.43	225.85	-1969.82	-1443.11	-300.86	-937.59
		424	11.90	2.81	-194.02	-193.48	2.26	10.30	-845.30	-3737.76	-3703.41	-879.65	-313.32
		397	4.32	66.82	42.29	56.59	52.52	-12.10	868.17	-1102.90	-996.43	761.70	-445.56
		392	4.63	62.40	27.62	34.25	55.77	13.66	1163.32	-987.50	-671.62	847.44	-761.33
434	3	418	12.34	51.75	-370.56	-370.48	51.67	-5.92	-1203.40	-2397.24	-2397.11	-1203.52	-12.24
		425	23.95	-22.00	-393.48	-393.42	-22.07	4.93	-2207.49	-7677.22	-7677.06	-2207.65	30.07
		424	18.12	7.79	-306.77	-305.43	6.46	20.45	-1092.21	-5458.70	-5415.08	-1135.84	434.27
		417	10.06	58.41	-289.88	-283.65	52.18	46.16	-69.75	-1850.92	-1708.88	-211.78	-482.51
434	16	418	8.83	45.82	-246.09	-241.49	41.23	-36.33	-296.64	-1668.77	-1483.00	-482.41	-469.46
		425	16.57	-5.25	-255.00	-252.39	-7.86	-25.41	-1238.53	-5332.32	-5261.94	-1308.91	-532.14
		424	12.38	33.40	-178.89	-177.85	32.37	-14.80	-1204.43	-4073.21	-4025.02	-1252.62	-368.68
		417	7.52	64.95	-161.22	-161.20	64.94	1.70	-156.18	-2028.91	-1509.57	-675.52	-838.37
434	48	418	8.99	46.50	-246.31	-241.51	41.71	-37.17	-336.12	-1749.15	-1560.41	-524.85	-480.69

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		425	16.73	-4.21	-255.07	-252.29	-6.99	-26.25	-1274.53	-5409.76	-5338.41	-1345.88	-538.47
		424	12.49	34.58	-178.63	-177.48	33.42	-15.64	-1238.05	-4131.64	-4083.23	-1286.46	-371.14
		417	7.63	65.53	-160.97	-160.96	65.53	0.86	-196.11	-2087.67	-1568.89	-714.89	-843.90
435	3	419	10.34	62.70	-299.87	-291.65	54.48	-53.97	91.24	-1783.91	-1653.84	-38.83	476.43
		426	18.30	12.16	-310.07	-307.89	9.98	-26.40	-974.98	-5440.67	-5400.50	-1015.14	-421.61
		425	23.95	-21.64	-394.41	-393.82	-22.23	-14.88	-2230.15	-7678.85	-7678.15	-2230.85	-61.96
		418	12.31	51.43	-370.01	-369.94	51.37	-5.19	-1223.33	-2398.35	-2398.27	-1223.41	-9.69
435	16	419	8.56	61.80	-221.67	-212.90	53.03	-49.09	1606.99	-326.79	-302.09	1582.29	217.15
		426	13.01	21.65	-221.33	-216.54	16.85	-33.80	378.65	-3282.40	-3261.06	357.31	-278.68
		425	16.54	22.35	-250.86	-247.34	18.83	-30.83	-1215.55	-5262.42	-5150.67	-1327.30	-663.12
		418	8.61	74.59	-239.42	-236.20	71.38	-31.61	-262.95	-1499.79	-1330.50	-432.24	-425.13
435	48	419	8.63	62.40	-222.05	-213.16	53.51	-49.50	1587.12	-368.73	-345.57	1563.95	211.61
		426	13.11	22.61	-221.62	-216.73	17.72	-34.21	360.83	-3327.57	-3304.68	337.94	-289.69
		425	16.69	23.51	-250.83	-247.23	19.90	-31.24	-1237.03	-5332.43	-5217.82	-1351.64	-675.44
		418	8.75	75.28	-239.50	-236.21	71.99	-32.02	-288.08	-1565.31	-1397.82	-455.58	-431.13
436	3	138	7.55	53.96	-50.40	-47.29	50.85	-17.75	2247.46	-523.41	-448.01	2172.06	450.80
		143	6.90	66.54	41.52	44.51	63.55	-8.13	1826.90	-1242.06	-1224.88	1809.73	228.96
		426	17.52	22.45	-338.44	-328.67	12.68	-58.58	-847.30	-4799.99	-4761.67	-885.63	-387.31
		419	10.22	73.29	-303.34	-290.66	60.61	-67.93	371.39	-1775.68	-1496.03	91.74	722.66
436	16	138	9.70	69.13	-68.54	-68.29	68.88	5.87	3258.21	58.78	292.53	3024.46	832.60
		143	7.27	61.64	-2.93	-0.10	58.81	-13.22	2173.49	-862.03	-585.05	1896.51	874.11
		426	12.85	44.57	-230.07	-226.43	40.93	-31.42	696.62	-2843.86	-2842.32	695.09	-73.76
		419	9.77	98.99	-222.65	-209.26	85.60	-64.25	2168.66	-401.68	-226.74	1993.72	647.33
436	48	138	9.75	69.63	-68.80	-68.52	69.35	6.26	3263.15	49.13	281.37	3030.91	832.17
		143	7.30	62.01	-2.95	-0.31	59.37	-12.84	2171.72	-868.59	-596.84	1899.96	867.39
		426	12.96	45.11	-230.23	-226.69	41.57	-31.04	695.21	-2884.38	-2882.43	693.27	-83.41
		419	9.87	99.30	-222.93	-209.73	86.10	-63.86	2165.80	-437.05	-266.23	1994.97	644.55
437	3	424	18.08	33.75	-320.72	-316.69	29.71	37.61	-687.14	-5110.14	-4834.62	-962.65	1068.97
		181	30.32	-83.03	-392.24	-349.25	-126.02	106.98	-1844.36	-1.062e+04	-1.049e+04	-1975.29	1063.73
		4	7.13	156.47	-55.98	78.96	21.53	-102.27	992.28	-735.02	-439.42	696.68	650.55
		397	5.47	53.49	3.94	35.49	21.94	23.83	1540.85	-930.79	-929.88	1539.94	-47.43
437	15	424	11.58	12.78	-205.18	-204.54	12.14	-11.78	-620.27	-3365.29	-3361.05	-624.51	107.82
		181	20.22	-69.20	-235.23	-224.86	-79.58	40.18	-1284.79	-7268.88	-7194.23	-1359.45	664.21
		4	5.01	105.23	-40.08	49.22	15.93	-70.72	583.87	-625.74	-346.72	304.85	509.56
		397	4.16	60.26	26.82	49.36	37.72	15.67	832.81	-912.04	-844.84	765.61	-335.77
437	47	424	11.67	13.41	-205.66	-205.05	12.80	-11.56	-618.12	-3397.84	-3392.21	-623.75	124.96
		181	20.32	-68.40	-235.75	-225.35	-78.80	40.40	-1283.00	-7305.26	-7225.99	-1362.27	686.37
		4	5.08	105.35	-39.33	49.21	16.81	-70.50	598.81	-649.32	-356.71	306.20	528.77
		397	4.15	60.70	27.11	49.33	38.47	15.89	831.69	-915.49	-854.11	770.31	-321.67
438	3	425	24.43	-18.00	-394.60	-393.55	-19.04	-19.78	-2026.75	-7813.00	-7812.49	-2027.26	54.23
		176	42.41	-115.11	-453.99	-402.45	-166.66	121.70	-3559.46	-1.622e+04	-1.621e+04	-3564.30	-247.53
		181	31.21	-57.27	-382.92	-314.97	-125.22	-132.33	-2209.06	-1.191e+04	-1.174e+04	-2378.61	1271.41
		424	18.99	11.79	-314.85	-309.07	6.01	43.07	-767.24	-5615.48	-5415.42	-967.29	964.31
438	20	425	16.51	-4.58	-271.66	-260.42	-15.82	-53.64	-1070.49	-5109.67	-5021.12	-1159.04	-591.46
		176	29.61	-82.51	-266.48	-260.23	-88.75	33.32	-2413.93	-1.145e+04	-1.144e+04	-2427.06	-344.26
		181	20.96	2.78	-264.39	-196.91	-64.69	-116.08	-1845.17	-8090.54	-8030.94	-1904.77	607.18
		424	12.16	36.77	-186.98	-186.37	36.17	-11.66	-1116.10	-3864.63	-3859.83	-1120.89	-114.70
438	52	425	16.63	-3.61	-272.39	-260.93	-15.07	-54.31	-1103.06	-5163.82	-5074.61	-1192.27	-595.22
		176	29.73	-81.45	-266.56	-260.61	-87.41	32.65	-2439.81	-1.151e+04	-1.149e+04	-2453.01	-345.65
		181	21.05	4.39	-264.68	-197.00	-63.30	-116.75	-1868.03	-8130.81	-8070.60	-1928.25	611.13
		424	12.24	37.63	-187.26	-186.58	36.95	-12.33	-1147.00	-3905.63	-3900.98	-1151.66	-113.22
439	3	426	19.13	16.36	-317.83	-310.82	9.34	-47.90	-652.26	-5575.71	-5382.03	-845.94	-957.10
		171	31.48	-59.60	-380.31	-318.25	-121.65	126.69	-2172.74	-1.197e+04	-1.181e+04	-2334.16	-1247.18
		176	42.39	-108.21	-456.49	-399.68	-165.01	-128.68	-3568.52	-1.622e+04	-1.621e+04	-3572.76	231.54
		425	24.42	-19.79	-394.24	-394.02	-20.01	9.07	-2058.20	-7823.16	-7821.90	-2059.47	-85.36
439	16	426	13.34	21.52	-237.10	-222.72	7.14	-59.25	538.74	-3195.31	-3080.74	424.16	-643.98
		171	23.73	-59.68	-223.65	-213.95	-69.38	38.69	-1046.24	-8903.67	-8805.88	-1144.03	-871.12
		176	29.87	-20.12	-317.90	-256.83	-81.19	-120.23	-2431.31	-1.139e+04	-1.138e+04	-2435.90	-202.88
		425	16.70	32.08	-258.69	-253.02	26.42	-40.20	-1088.53	-5182.20	-5050.02	-1220.71	-723.63
439	48	426	13.44	22.68	-237.88	-223.15	7.95	-60.18	524.51	-3236.73	-3118.67	406.45	-655.84
		171	23.83	-58.80	-223.41	-214.24	-67.97	37.75	-1058.66	-8943.53	-8842.70	-1159.49	-885.92
		176	30.00	-18.10	-318.58	-257.18	-79.50	-121.16	-2448.89	-1.144e+04	-1.144e+04	-2454.09	-216.09
		425	16.84	33.25	-259.42	-253.52	27.35	-41.13	-1106.33	-5237.02	-5102.17	-1241.17	-734.05
440	3	143	6.10	69.33	22.41	58.70	33.04	-19.64	1514.15	-1160.16	-1156.74	1510.72	95.65
		2	6.50	136.75	-60.58	64.80	11.37	94.98	893.00	-710.59	-509.05	691.46	-531.57
		171	30.33	-77.73	-385.36	-341.13	-121.96	-107.94	-1779.57	-1.065e+04	-1.051e+04	-1916.04	-1091.63
		426	18.26	39.89	-339.53	-334.58	34.94	-43.05	-619.42	-4959.78	-4714.47	-864.73	-1002.27
440	16	143	6.15	38.96	10.28	10.68	38.56	-3.35	1868.73	-799.54	-559.33	1628.52	763.70
		2	4.36	67.54	-28.62	40.47	-1.56	43.25	519.97	-896.35	-860.83	484.46	-221.46
		171	23.10	-44.09	-270.74	-236.95	-77.87	-80.72	-624.55	-8007.89	-7930.31	-702.14	-752.88
		426	13.06	73.71	-244.32	-232.37	61.77	-60.46	731.16	-2635.00	-2609.17	705.33	-293.74
440	48	143	6.17	39.65	10.41	10.79	39.27	-3.30	1867.36	-802.78	-567.90	1632.48	756.31
		2	4.40	67.89	-28.10	40.61	-0.82	43.30	524.66	-909.20	-869.97	485.43	-233.90

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		171	23.21	-43.55	-270.98	-237.41	-77.12	-80.67	-624.92	-8044.93	-7964.41	-705.43	-768.73
		426	13.16	74.24	-244.74	-232.86	62.36	-60.41	732.47	-2670.48	-2643.17	705.16	-303.58
441	1	3	2.72	18.50	-19.39	-13.58	12.69	13.66	145.66	-845.48	-844.38	144.57	32.86
		275	4.57	57.53	-13.21	55.10	-10.77	12.90	247.91	-1510.71	-1141.92	-120.87	715.93
		446	5.42	134.82	7.15	133.60	8.37	12.40	-19.68	-1177.62	-1177.34	-19.97	-18.09
		442	1.51	4.39	-4.78	0.13	-0.52	-4.57	-0.83	-607.04	-591.52	-16.35	95.76
441	30	3	2.18	25.88	-3.17	8.73	13.98	14.28	177.76	-728.34	-717.12	166.54	100.19
		275	4.04	62.47	-13.76	59.92	-11.21	13.70	242.99	-1251.53	-937.97	-70.57	608.52
		446	4.79	125.83	2.83	124.37	4.29	13.34	8.81	-972.51	-971.02	7.33	38.19
		442	1.83	23.16	4.63	23.16	4.64	0.26	73.53	-561.21	-527.50	39.82	142.33
441	62	3	2.19	27.21	-2.32	10.52	14.37	14.64	184.11	-735.45	-722.91	171.57	106.67
		275	4.09	64.19	-14.09	61.58	-11.48	14.05	247.49	-1260.14	-944.18	-68.47	613.61
		446	4.85	127.91	2.58	126.40	4.09	13.69	11.20	-979.59	-977.71	9.32	43.12
		442	1.89	25.34	5.09	25.32	5.11	0.62	80.65	-569.71	-533.74	44.68	148.66
442	3	275	3.73	22.64	-82.49	-56.25	-3.60	-45.50	227.25	-1041.19	-804.22	-9.72	494.39
		323	4.19	5.07	-169.72	-169.71	5.06	-1.25	323.19	-173.82	229.95	-80.57	194.03
		447	4.23	0.44	-181.71	-181.69	0.43	-1.62	264.79	-27.55	242.31	-5.07	-77.88
		446	1.95	0.25	-2.43	0.23	-2.41	0.24	36.33	-782.51	-764.99	18.82	118.47
442	30	275	5.38	84.26	-28.20	50.03	6.03	-51.75	428.88	-1132.64	-681.19	-22.57	707.91
		323	2.25	17.79	-36.51	-20.21	1.49	24.88	265.93	-383.19	-41.50	-75.77	324.11
		447	0.69	15.97	-21.31	-8.45	3.10	17.72	12.18	-25.45	-25.11	11.85	3.53
		446	3.58	93.27	-0.29	89.89	3.09	-17.46	78.27	-677.23	-625.52	26.56	190.77
442	62	275	5.46	87.40	-26.73	54.38	6.30	-51.75	431.86	-1147.29	-693.73	-21.70	714.51
		323	2.27	19.04	-33.63	-15.94	1.35	24.88	266.11	-394.62	-53.96	-74.55	330.20
		447	0.69	17.80	-18.23	-3.49	3.06	17.71	14.80	-39.51	-37.74	13.03	9.65
		446	3.71	98.16	0.27	94.93	3.49	-17.47	81.53	-692.35	-638.22	27.39	197.40
443	3	323	4.29	0.47	-177.07	-175.30	-1.30	-17.66	362.19	-358.99	73.09	-69.90	353.43
		333	5.00	1.82	-223.75	-223.74	1.81	1.41	182.73	-84.52	171.95	-73.74	-52.57
		448	5.05	-1.02	-229.42	-229.41	-1.03	-1.15	226.93	-24.24	195.18	7.50	-83.46
		447	3.59	0.75	-167.08	-167.07	0.74	1.26	153.01	-61.50	91.41	0.10	97.05
443	31	323	3.96	9.93	-136.27	-126.29	-0.05	-36.87	352.13	-393.75	66.04	-107.65	362.69
		333	3.59	9.30	-155.49	-150.76	4.57	27.51	106.56	-113.41	77.49	-84.33	-74.50
		448	3.62	2.06	-160.21	-158.15	-1.82e-03	18.18	196.99	-95.49	105.13	-3.63	-135.75
		447	2.92	2.34	-128.80	-126.01	-0.45	-18.92	120.17	-53.02	91.99	-24.85	63.92
443	63	323	4.04	9.48	-141.41	-131.76	-0.17	-36.91	350.78	-389.11	71.87	-110.20	358.57
		333	3.71	9.20	-160.77	-156.21	4.64	27.47	115.13	-116.63	83.66	-85.15	-79.40
		448	3.76	1.84	-166.23	-164.25	-0.14	18.14	205.20	-98.72	111.00	-4.52	-140.55
		447	3.04	2.00	-134.83	-132.15	-0.68	-18.96	121.59	-51.52	97.52	-27.45	59.90
444	3	333	4.87	-0.12	-220.55	-220.50	-0.16	-3.11	228.67	-112.08	152.72	-36.13	141.81
		258	4.63	0.24	-227.64	-227.64	0.24	0.36	12.90	-116.12	-52.90	-50.31	-64.50
		445	4.66	-0.37	-231.96	-231.95	-0.37	-0.31	34.29	-54.40	-13.00	-7.11	-44.25
		448	4.75	0.55	-220.64	-220.64	0.55	0.49	161.67	-22.56	136.70	2.40	63.06
444	23	333	3.87	6.35	-164.34	-160.35	2.36	-25.81	199.55	-180.66	82.79	-63.89	175.39
		258	3.32	1.75	-160.53	-157.09	-1.69	23.37	24.96	-107.28	-23.31	-59.01	-63.66
		445	3.64	0.97	-177.30	-176.27	-0.06	13.51	48.64	-59.92	11.14	-22.42	-51.62
		448	3.41	2.61	-156.29	-154.89	1.21	-14.83	130.68	-68.67	69.68	-7.67	91.86
444	55	333	4.00	6.11	-170.31	-166.45	2.26	-25.79	206.72	-180.56	90.62	-64.46	177.44
		258	3.46	1.72	-166.48	-163.16	-1.60	23.39	29.02	-105.62	-15.73	-60.87	-63.42
		445	3.79	0.89	-183.80	-182.80	-0.11	13.54	52.44	-58.81	18.08	-24.46	-51.40
		448	3.55	2.36	-162.80	-161.46	1.03	-14.80	137.33	-68.82	76.88	-8.37	93.85
445	3	258	5.39	-0.14	-231.29	-231.27	-0.16	-1.89	320.15	-18.51	312.83	-11.19	49.23
		360	4.87	0.71	-226.22	-226.19	0.67	2.68	83.82	-113.13	82.66	-111.97	-15.08
		451	4.94	-0.30	-230.05	-230.05	-0.30	-0.52	140.27	-7.83	138.71	-6.27	-15.11
		445	5.13	0.22	-229.67	-229.67	0.22	0.52	239.78	13.37	233.06	20.08	38.41
445	21	258	4.30	13.70	-180.65	-177.02	10.08	-26.29	176.07	-115.83	144.15	-83.90	91.10
		360	3.50	4.52	-158.94	-155.95	1.53	21.93	59.11	-102.13	55.05	-98.06	-25.28
		451	4.01	-0.69	-186.47	-184.50	-2.66	19.02	110.82	-16.93	108.11	-14.22	-18.40
		445	3.41	5.54	-152.41	-149.34	2.47	-21.78	138.92	-76.75	75.61	-13.44	98.22
445	53	258	4.46	13.43	-187.59	-184.12	9.96	-26.19	186.36	-117.87	153.89	-85.40	93.94
		360	3.66	4.46	-165.91	-163.01	1.56	22.03	68.27	-102.69	65.12	-99.54	-22.97
		451	4.19	-0.93	-194.52	-192.62	-2.84	19.13	119.41	-17.69	117.50	-15.78	-16.10
		445	3.59	5.04	-160.38	-157.49	2.14	-21.68	147.75	-77.77	85.00	-15.02	101.06
446	3	360	4.94	2.91e-03	-226.73	-226.73	-3.17e-03	1.17	142.55	-54.05	142.08	-53.57	9.68
		353	4.84	0.58	-219.04	-218.97	0.51	3.86	178.14	-109.69	139.28	-70.83	-98.36
		449	4.79	-0.17	-220.82	-220.82	-0.17	-0.11	158.91	0.24	157.95	1.20	-12.32
		451	4.96	0.10	-229.48	-229.48	0.10	0.27	158.32	6.96	157.70	7.58	9.68
446	21	360	3.74	2.73	-169.81	-167.79	0.71	-18.54	87.90	-82.31	81.70	-76.11	31.89
		353	3.75	6.32	-162.27	-159.53	3.58	21.33	137.80	-128.24	96.88	-87.31	-95.99
		449	3.67	0.78	-168.28	-167.38	-0.12	12.25	117.08	-11.68	117.06	-11.67	-1.33
		451	3.72	2.45	-170.01	-168.97	1.41	-13.36	128.52	-46.11	97.21	-14.80	66.99
446	53	360	3.90	2.66	-176.88	-174.94	0.73	-18.56	98.13	-84.84	90.97	-77.68	35.47
		353	3.90	6.20	-169.31	-166.68	3.57	21.32	143.48	-125.82	106.21	-88.55	-92.99
		449	3.84	0.59	-176.15	-175.30	-0.27	12.23	126.03	-13.03	126.01	-13.01	1.70

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		451	3.90	2.27	-177.88	-176.88	1.27	-13.38	138.30	-48.71	106.09	-16.50	70.61
447	3	353	4.83	0.30	-219.36	-219.30	0.24	3.64	161.63	-81.46	144.32	-64.15	-62.52
		359	4.58	1.05	-202.67	-202.40	0.78	7.40	245.28	-176.60	136.98	-68.30	-184.28
		450	4.42	-0.12	-202.73	-202.73	-0.12	0.08	157.54	1.06	155.02	3.57	-19.67
		449	4.81	-0.07	-221.31	-221.31	-0.07	0.06	164.41	4.06	163.92	4.55	8.78
447	21	353	3.60	4.18	-161.67	-159.89	2.40	-17.11	103.60	-86.60	99.55	-82.55	-27.46
		359	3.73	6.21	-153.31	-149.22	2.12	25.21	204.98	-192.65	104.70	-92.36	-172.68
		450	3.39	0.90	-153.39	-152.46	-0.03	11.92	129.00	-13.34	128.36	-12.70	9.51
		449	3.69	1.20	-166.58	-165.80	0.41	-11.44	155.48	-44.65	121.69	-10.86	74.97
447	53	353	3.76	4.13	-168.61	-166.90	2.42	-17.09	111.34	-86.47	108.74	-83.87	-22.54
		359	3.87	6.01	-160.17	-156.24	2.09	25.23	207.50	-187.50	113.88	-93.87	-167.98
		450	3.57	0.66	-161.19	-160.30	-0.22	11.94	138.38	-15.56	137.06	-14.24	14.19
		449	3.87	1.01	-174.38	-173.63	0.27	-11.42	166.45	-47.91	130.75	-12.21	79.87
448	3	359	4.59	0.75	-203.66	-203.38	0.47	7.56	220.74	-152.10	140.15	-71.51	-153.46
		253	4.04	2.00	-173.10	-172.11	1.00	13.16	295.19	-291.92	64.51	-61.24	-286.74
		444	3.55	-0.07	-168.02	-168.02	-0.07	0.03	87.22	-5.42	78.71	3.10	-26.76
		450	4.44	-0.20	-202.94	-202.94	-0.21	0.18	162.07	4.85	161.92	5.00	4.84
448	21	359	3.33	4.41	-146.41	-144.95	2.96	-14.75	168.37	-144.05	117.46	-93.14	-115.38
		253	3.65	8.76	-133.92	-127.56	2.40	29.43	289.81	-312.59	78.12	-100.91	-287.59
		444	2.78	1.06	-125.64	-124.34	-0.24	12.78	105.07	-19.95	103.32	-18.20	14.70
		450	3.46	1.12	-151.58	-150.70	0.24	-11.59	181.21	-38.27	151.46	-8.52	75.13
448	53	359	3.49	4.39	-153.04	-151.65	3.00	-14.73	172.31	-139.66	127.17	-94.53	-109.75
		253	3.76	8.43	-140.36	-134.28	2.35	29.46	289.40	-304.81	87.68	-103.09	-281.37
		444	2.95	0.77	-133.15	-131.92	-0.47	12.80	116.44	-23.46	113.27	-20.29	20.81
		450	3.64	0.93	-159.09	-158.25	0.09	-11.56	193.56	-41.81	161.57	-9.82	80.66
449	2	253	2.63	6.13	-75.07	-71.70	2.76	-16.21	318.95	-468.86	-46.42	-103.49	-392.87
		387	4.19	34.22	-61.18	-30.17	3.20	44.69	466.75	-814.58	-265.53	-82.30	-634.09
		452	1.02	15.81	-17.48	-4.45	2.78	16.25	31.81	-257.87	-230.37	4.31	-84.91
		444	1.39	5.67	-64.84	-61.34	2.16	-15.32	22.53	-5.14	10.14	7.25	13.76
449	24	253	1.99	19.37	-8.12	9.93	1.32	-13.06	257.83	-485.23	-166.87	-60.54	-367.70
		387	3.81	61.84	-16.04	42.26	3.53	33.78	385.24	-759.12	-335.31	-38.57	-552.61
		452	2.35	73.00	2.91	70.92	4.99	11.90	71.60	-353.67	-309.23	27.17	-130.08
		444	0.86	32.03	-2.40	26.77	2.86	-12.39	41.35	-141.81	-124.39	23.92	-53.74
449	56	253	2.01	23.69	-6.41	16.02	1.25	-13.11	259.61	-497.45	-178.96	-58.88	-373.74
		387	3.89	66.49	-14.47	48.39	3.63	33.73	388.08	-771.76	-347.30	-36.38	-558.69
		452	2.51	79.77	3.38	77.89	5.26	11.84	75.98	-367.90	-321.27	29.34	-136.11
		444	1.02	38.11	-1.43	33.70	2.97	-12.44	45.20	-156.15	-136.53	25.58	-59.72
450	2	387	2.99	7.68	-34.11	-30.26	3.83	-12.09	391.92	-742.21	-259.33	-90.96	-560.78
		392	5.22	62.16	-37.15	23.45	1.56	48.43	401.90	-1225.08	-768.12	-55.06	-731.20
		453	3.18	71.37	-0.54	67.75	3.08	15.74	15.85	-723.77	-711.15	3.23	-95.78
		452	0.81	14.99	-15.81	-3.03	2.21	-15.18	2.54	-225.86	-225.78	2.46	4.32
450	24	387	2.43	34.53	-1.45	31.29	1.79	-10.30	311.65	-730.19	-366.52	-52.03	-496.62
		392	5.04	88.48	-12.59	73.16	2.74	36.25	347.98	-1111.37	-755.19	-8.20	-626.84
		453	4.14	117.81	4.72	116.71	5.82	11.09	60.12	-738.65	-713.91	35.38	-138.38
		452	2.06	64.33	0.11	61.71	2.72	-12.69	28.74	-353.40	-343.33	18.66	-61.22
450	56	387	2.45	39.27	-1.19	36.40	1.69	-10.39	313.00	-745.37	-381.86	-50.51	-502.58
		392	5.15	92.84	-11.65	78.32	2.88	36.15	351.93	-1127.29	-770.22	-5.15	-633.00
		453	4.30	123.79	5.12	122.76	6.15	11.00	64.66	-755.38	-729.11	38.40	-144.39
		452	2.22	70.14	0.38	67.71	2.81	-12.79	31.67	-370.35	-358.84	20.16	-67.06
451	2	392	3.48	30.97	-0.50	25.02	5.45	-12.32	330.52	-1190.04	-807.05	-52.47	-660.06
		397	5.60	71.83	-24.76	53.04	-5.97	38.24	196.25	-1515.57	-1292.55	-26.78	-576.23
		454	5.46	130.34	4.36	129.13	5.57	12.27	10.55	-1199.68	-1190.21	1.08	-106.64
		453	3.35	77.38	-0.70	75.39	1.29	-12.30	-9.07	-768.41	-768.38	-9.10	-4.92
451	24	392	3.57	59.95	-0.08	57.48	2.39	-11.92	274.50	-1084.52	-800.67	-9.36	-552.44
		397	5.34	87.91	-10.35	79.85	-2.30	26.95	167.93	-1357.66	-1178.40	-11.33	-491.27
		454	5.57	147.22	7.92	146.87	8.27	6.99	25.21	-1119.03	-1102.73	8.91	-135.56
		453	3.98	106.06	-1.18	104.72	0.16	-11.92	26.17	-777.60	-774.11	22.68	-52.84
451	56	392	3.68	63.47	-0.19	61.06	2.22	-12.15	276.78	-1100.59	-817.20	-6.61	-556.80
		397	5.44	91.17	-9.74	83.51	-2.09	26.72	169.59	-1375.65	-1195.37	-10.69	-496.06
		454	5.70	151.64	8.32	151.32	8.64	6.76	26.72	-1137.23	-1119.99	9.49	-140.58
		453	4.11	110.43	-1.25	109.10	0.09	-12.15	29.39	-794.94	-790.92	25.37	-57.42
452	1	397	4.70	109.58	-55.43	73.80	-19.64	-68.00	87.95	-1433.93	-1282.66	-63.33	-455.34
		4	2.60	26.93	-54.60	-54.41	26.74	3.98	257.64	-320.24	-293.02	230.41	122.43
		443	0.40	-0.21	-9.76	-9.57	-0.41	1.36	37.24	-122.50	-51.37	-33.89	-79.39
		454	5.20	117.67	4.21	117.06	4.83	-8.35	-9.48	-1214.79	-1214.67	-9.60	-11.84
452	28	397	4.07	98.12	-45.99	69.76	-17.63	-57.29	103.47	-1146.09	-1031.12	-11.50	-361.18
		4	1.97	25.03	-27.35	-27.28	24.96	-1.85	237.10	-282.17	-278.79	233.72	41.73
		443	0.62	12.46	2.69	10.48	4.66	-3.92	81.83	-178.80	-118.14	21.18	-110.13
		454	4.57	107.49	0.41	106.26	1.64	-11.40	22.37	-1010.82	-1010.71	22.25	-10.88
452	60	397	4.12	99.43	-46.31	70.99	-17.87	-57.76	106.22	-1150.00	-1035.66	-8.12	-361.34
		4	1.98	25.48	-26.02	-25.92	25.38	-2.32	241.39	-286.05	-283.44	238.79	36.99
		443	0.66	14.26	3.02	12.16	5.13	-4.39	87.44	-187.04	-125.20	25.59	-114.68
		454	4.63	109.10	0.14	107.79	1.44	-11.86	25.08	-1018.17	-1018.06	24.97	-10.92

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
Elem.			**Von Mises**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
					-456.49	-404.54	-307.97	-154.16		-1.622e+04	-1.621e+04	-1.573e+04	-4500.48
			101.70	237.22		151.32	135.26	164.18	1.592e+04		7739.74	1.592e+04	4482.58

VERIFICHE ELEMENTI PARETE E/O GUSCIO IN C.A.

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

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

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

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

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

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

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

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

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

Simbologia adottata nelle tabelle di verifica

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

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

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

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

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

tabella con i simboli di seguito descritti:

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

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

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

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

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

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]
A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature

Dist.	Distanza alla base tra le armature inclinate

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

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

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

PROGETTAZIONE DELLE FONDAZIONI

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

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

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

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

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

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
2	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
3	ok	0.12	0.1	0.0	7.7	7.7	5.7	5.7	110.5	78.9	-28.1	704.2	52.7	81.8
4	ok	0.12	0.2	7.82e-03	7.7	7.7	5.7	5.7	58.5	92.9	103.3	1318.6	33.0	31.8
7	ok	0.12	0.3	8.74e-03	7.7	7.7	5.7	5.7	-32.8	83.2	-5.4	-551.1	1332.2	-449.8
8	ok	0.12	0.3	1.38e-02	7.7	7.7	5.7	5.7	-37.5	61.7	-8.2	-308.3	1184.3	134.8
9	ok	0.13	1.0	5.62e-02	7.7	8.2	5.7	6.2	-48.7	-130.4	-72.8	1190.3	6910.0	-997.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
83	ok	0.12	0.6	3.39e-02	7.7	7.7	5.7	5.7	-37.0	-57.7	-41.4	467.3	3741.7	-1001.2
119	ok	0.14	1.0	9.00e-02	7.7	9.0	5.7	11.2	-92.7	-239.7	-162.9	2317.5	1.228e+04	-602.0
123	ok	0.13	1.0	7.46e-02	7.7	9.1	5.7	8.9	-66.5	-191.9	-138.6	1825.8	9831.5	-857.6
128	ok	0.12	0.7	0.1	7.7	7.7	5.7	5.7	-51.3	-428.7	-7.7	5055.0	520.7	-801.8
182	ok	0.17	1.0	0.1	7.7	9.1	5.7	15.2	-178.2	-304.4	115.4	2795.9	1.634e+04	-420.0
183	ok	0.16	1.0	0.1	7.7	9.1	5.7	14.1	-122.4	-242.6	127.5	2698.2	1.517e+04	2.0
184	ok	0.15	1.0	0.2	7.7	9.1	5.7	11.6	-170.6	-297.2	97.1	2170.5	1.321e+04	-832.6
185	ok	0.12	0.9	0.1	7.7	7.7	5.7	5.7	-85.3	-204.0	300.1	1113.4	6335.0	-735.1
198	ok	0.13	1.0	6.65e-02	7.7	8.5	5.7	6.5	-41.3	-127.7	98.7	1192.7	7263.3	470.5
199	ok	0.12	0.6	4.38e-02	7.7	7.7	5.7	5.7	-39.4	-59.2	60.0	505.5	3865.1	474.7
200	ok	0.13	1.0	8.55e-02	7.7	9.2	5.7	9.5	-58.7	-193.3	186.1	1799.5	1.040e+04	428.8
201	ok	0.15	1.0	0.1	7.7	9.2	5.7	12.1	-90.7	-241.5	213.9	2253.8	1.300e+04	303.4
214	ok	0.14	1.0	8.70e-02	10.9	7.7	5.7	5.7	-38.7	-310.4	15.4	-9599.2	-3981.6	-25.7
215	ok	0.12	0.7	8.17e-02	7.7	7.7	5.7	5.7	19.9	-230.2	-117.0	-1345.2	-1252.2	-4597.8
216	ok	0.12	0.8	6.86e-02	7.7	7.7	5.7	5.7	27.3	-192.6	-85.9	6.6	-502.2	-5309.8
217	ok	0.12	0.7	9.27e-02	7.7	7.7	5.7	5.7	20.2	-255.3	-137.4	-2509.0	-1850.5	-3982.2
218	ok	0.12	0.7	0.1	7.7	7.7	5.7	5.7	27.6	-274.1	-146.6	-3479.8	-2371.8	-2987.3
232	ok	0.12	0.8	0.1	7.7	7.7	5.7	5.7	-55.3	-509.0	26.2	5360.2	572.0	737.5
233	ok	0.12	1.0	0.2	7.7	7.9	5.7	5.7	-58.1	-629.7	8.3	6992.9	1097.1	-48.8
234	ok	0.12	0.4	5.69e-02	7.7	7.7	5.7	5.7	-27.4	-201.8	27.4	1971.2	212.3	-1021.7
239	ok	0.15	1.0	6.79e-02	13.2	7.7	8.3	5.7	61.3	-216.8	108.8	-1.064e+04	-5186.9	-1175.8
242	ok	0.14	1.0	9.09e-02	10.5	7.7	6.1	5.7	26.4	-279.6	126.2	-9628.6	-4887.5	870.6
251	ok	0.14	1.0	3.54e-02	11.0	7.7	9.0	5.7	88.0	-115.2	59.1	-7490.8	-3719.5	-2798.4
252	ok	0.12	0.7	6.27e-03	7.7	7.7	5.7	5.7	99.3	34.8	2.3	2417.8	-483.2	-2866.8
253	ok	0.26	1.0	0.0	7.7	26.8	5.7	8.6	79.8	220.5	48.7	2.216e+04	4492.9	-548.4
254	ok	0.17	1.0	4.31e-02	15.3	7.7	5.7	5.7	3.4	-155.3	9.8	-1.389e+04	-5362.3	-155.1
255	ok	0.16	1.0	7.20e-02	13.9	7.7	5.7	5.7	-26.8	-249.5	16.2	-1.143e+04	-4540.1	-76.7
256	ok	0.13	1.0	1.25e-02	9.6	7.7	5.7	5.7	26.0	-42.4	5.2	-8928.6	-4000.7	-94.4
257	ok	0.12	0.7	8.36e-03	7.7	7.7	5.7	5.7	20.8	126.1	10.6	4571.3	1343.9	349.1
258	ok	0.37	1.0	1.26e-02	7.7	35.8	5.7	9.8	92.1	258.9	103.3	2.474e+04	5270.8	63.7
259	ok	0.13	0.9	0.1	8.0	7.7	6.0	5.7	75.1	-274.1	-108.2	-4876.7	-3380.5	1285.3
260	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	43.2	-272.8	-136.7	-4348.9	-2830.1	-1619.3
273	ok	0.14	1.0	7.31e-02	10.2	7.7	8.1	5.7	105.5	-233.2	-122.1	-3918.1	-3264.1	4423.1
274	ok	0.13	1.0	2.55e-02	8.6	7.7	6.5	5.7	130.4	-83.5	-35.3	-66.3	-1367.1	5868.8
275	ok	0.18	1.0	2.41e-03	7.7	16.9	5.7	9.0	166.2	154.8	146.3	1.227e+04	2355.3	775.9
276	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	-40.7	-373.6	97.3	-2509.2	-1869.6	2277.9
277	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-50.9	-427.8	59.7	789.8	-634.4	2552.1
278	ok	0.12	0.8	0.1	7.7	7.7	5.7	5.7	-25.0	-331.0	119.9	-5183.7	-2900.2	1941.7
279	ok	0.13	1.0	9.83e-02	8.3	7.7	5.7	5.7	4.4	-308.2	133.9	-7913.2	-4223.3	1737.5
280	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-59.7	-446.4	17.4	-3195.8	-1995.4	-17.5
282	ok	0.12	0.3	0.1	7.7	7.7	5.7	5.7	-69.9	-528.2	22.8	1261.4	-685.0	-17.6
283	ok	0.12	0.9	0.1	7.7	7.7	5.7	5.7	-50.2	-375.1	16.3	-6846.7	-3106.4	-19.4
284	ok	0.15	1.0	0.1	7.7	8.8	5.7	12.9	-117.7	-251.4	-105.6	2682.9	1.420e+04	-242.9
291	ok	0.12	0.8	8.82e-02	7.7	7.7	5.7	5.7	-29.1	-182.9	-203.4	1148.0	6275.3	1527.7
293	ok	0.14	1.0	0.1	7.7	7.8	5.7	10.1	-126.2	-316.5	-234.4	2288.9	1.252e+04	1158.1
295	ok	0.16	1.0	0.1	7.7	8.3	5.7	13.6	-153.2	-311.5	-99.1	2855.9	1.529e+04	523.7
323	ok	0.27	1.0	1.71e-02	7.7	27.0	5.7	8.7	46.8	170.2	-88.3	1.940e+04	3985.1	404.5
324	ok	0.12	0.7	5.15e-03	7.7	7.7	5.7	5.7	68.7	13.0	36.0	2070.0	-723.7	3127.3
325	ok	0.14	1.0	3.44e-02	10.8	7.7	8.7	5.7	70.5	-121.2	-38.9	-7462.2	-4244.2	2883.6
326	ok	0.15	1.0	6.37e-02	12.9	7.7	8.2	5.7	55.2	-212.7	-86.3	-1.054e+04	-5749.8	1252.3
327	ok	0.14	1.0	8.37e-02	10.5	7.7	5.9	5.7	36.1	-264.0	-97.8	-9576.2	-5399.7	-781.6
328	ok	0.13	1.0	9.01e-02	8.4	7.7	5.7	5.7	12.9	-288.6	-115.3	-7889.3	-4661.6	-1775.8
329	ok	0.12	0.8	9.30e-02	7.7	7.7	5.7	5.7	-14.1	-300.2	-90.0	-5272.0	-3241.7	-1975.5
330	ok	0.12	0.6	9.68e-02	7.7	7.7	5.7	5.7	-30.2	-329.9	-68.5	-2687.6	-2120.6	-2317.9
331	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-42.3	-367.9	-35.8	517.8	-757.5	-2603.4
332	ok	0.12	0.9	0.2	7.7	7.7	5.7	5.7	-59.8	-564.9	3.9	6507.7	856.6	-319.0
333	ok	0.33	1.0	1.57e-02	7.7	32.8	5.7	8.9	19.7	208.4	-100.6	2.352e+04	4794.6	222.9
334	ok	0.12	0.6	4.71e-03	7.7	7.7	5.7	5.7	21.6	54.3	-6.1	4120.3	104.5	831.3
335	ok	0.13	1.0	1.69e-02	9.5	7.7	6.2	5.7	17.2	-56.9	-19.5	-8442.7	-3368.5	1171.2
336	ok	0.16	1.0	4.67e-02	14.6	7.7	6.4	5.7	10.5	-162.1	-40.8	-1.317e+04	-4956.5	628.3
337	ok	0.15	1.0	7.28e-02	12.9	7.7	5.7	5.7	-3.8	-253.5	-47.3	-1.219e+04	-4761.4	-163.4
338	ok	0.14	1.0	8.50e-02	10.3	7.7	5.7	5.7	-19.8	-299.7	-49.3	-1.007e+04	-4118.8	-644.6
339	ok	0.12	0.9	9.85e-02	7.7	7.7	5.7	5.7	-38.9	-350.0	-36.4	-6501.6	-2845.5	-698.1
340	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-48.5	-409.8	-23.1	-3088.8	-1778.8	-808.3
341	ok	0.12	0.3	0.1	7.7	7.7	5.7	5.7	-55.5	-477.3	-6.4	1058.8	-477.5	-905.8
344	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-60.9	-445.2	35.3	-3119.3	-1849.0	488.6
345	ok	0.14	1.0	1.94e-02	10.3	7.7	6.8	5.7	47.3	-62.0	29.5	-8687.3	-3527.3	-1298.4
346	ok	0.12	0.3	0.1	7.7	7.7	5.7	5.7	-69.4	-529.9	32.5	1313.6	-543.4	499.4
347	ok	0.12	0.9	0.1	7.7	7.7	5.7	5.7	-50.1	-374.1	38.8	-6715.3	-2967.9	403.1
348	ok	0.12	0.6	5.71e-03	7.7	7.7	5.7	5.7	54.2	112.6	17.9	3564.0	415.3	-854.5
349	ok	0.14	1.0	9.11e-02	10.2	7.7	5.7	5.7	-32.6	-309.4	67.5	-8960.7	-3805.7	605.2
350	ok	0.17	1.0	5.09e-02	14.9	7.7	6.6	5.7	27.2	-173.5	54.0	-1.317e+04	-5250.5	-609.0
351	ok	0.15	1.0	7.83e-02	12.8	7.7	5.7	5.7	-13.0	-254.6	61.7	-1.054e+04	-4316.0	253.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
352	ok	0.12	1.0	0.2	7.7	7.7	5.7	5.7	-64.4	-616.4	33.3	6759.7	850.2	360.3
353	ok	0.33	0.9	3.41e-03	7.7	32.7	5.7	9.0	45.4	264.2	75.0	2.323e+04	4785.5	-177.5
354	ok	0.12	1.0	0.2	7.7	7.8	5.7	5.7	-67.4	-637.7	38.8	7043.7	896.9	200.6
355	ok	0.13	1.0	9.43e-02	9.4	7.7	5.7	5.7	-21.9	-303.9	97.9	-8240.8	-3837.5	972.8
356	ok	0.14	1.0	8.87e-02	10.7	7.7	5.7	5.7	-39.7	-311.7	39.9	-9400.3	-3804.8	280.3
357	ok	0.12	0.9	0.2	7.7	7.7	5.7	5.7	-60.6	-574.7	29.0	6201.3	729.1	537.2
358	ok	0.15	1.0	8.38e-02	11.9	7.7	5.9	5.7	13.5	-272.7	101.6	-1.109e+04	-5066.3	557.4
359	ok	0.30	1.0	1.33e-03	7.7	30.2	5.7	8.7	57.6	259.5	69.0	2.159e+04	4435.1	-272.9
360	ok	0.35	0.9	3.71e-03	7.7	34.5	5.7	9.3	46.0	268.3	81.3	2.424e+04	4974.9	-91.1
361	ok	0.14	1.0	1.47e-02	9.9	7.7	5.9	5.7	31.4	-49.4	17.4	-8904.5	-3643.3	-611.4
362	ok	0.16	1.0	5.82e-02	14.3	7.7	7.4	5.7	44.3	-191.6	79.9	-1.217e+04	-5325.7	-894.8
364	ok	0.12	0.6	4.71e-03	7.7	7.7	5.7	5.7	57.2	113.6	57.5	3846.8	536.8	-315.9
365	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-58.1	-479.2	45.6	1044.9	-576.1	1832.0
366	ok	0.12	0.5	0.1	7.7	7.7	5.7	5.7	-49.9	-409.8	73.6	-2789.0	-1891.4	1627.7
367	ok	0.12	0.8	0.1	7.7	7.7	5.7	5.7	-36.1	-352.6	90.0	-5913.5	-2990.0	1379.8
368	ok	0.14	1.0	2.58e-02	10.8	7.7	8.0	5.7	66.0	-82.6	43.1	-8239.5	-3670.6	-2027.9
369	ok	0.12	0.6	5.72e-03	7.7	7.7	5.7	5.7	74.1	60.5	23.2	3205.0	-129.3	-1936.8
370	ok	0.17	1.0	4.58e-02	15.1	7.7	6.0	5.7	13.5	-161.6	26.8	-1.377e+04	-5267.4	-385.4
371	ok	0.16	1.0	7.44e-02	13.4	7.7	5.7	5.7	-25.8	-253.5	37.1	-1.104e+04	-4413.9	40.1
372	ok	0.12	0.3	0.1	7.7	7.7	5.7	5.7	-62.9	-512.6	35.7	1210.5	-506.5	1181.7
373	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-56.6	-433.8	53.4	-2982.2	-1839.6	1034.8
374	ok	0.12	0.9	0.1	7.7	7.7	5.7	5.7	-44.8	-367.0	63.1	-6409.6	-2953.4	867.2
378	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	6.1	-276.0	179.1	-2556.3	-997.6	3468.8
379	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	13.4	-286.1	193.9	-3610.5	-1278.6	2580.5
380	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	-45.1	-402.3	25.9	3938.8	349.1	954.6
381	ok	0.12	0.4	7.20e-02	7.7	7.7	5.7	5.7	-26.1	-258.4	-7.0	2084.1	219.0	1033.5
382	ok	0.12	0.2	2.94e-02	7.7	7.7	5.7	5.7	15.9	-91.5	41.6	43.1	459.4	1097.6
383	ok	0.14	1.0	8.16e-02	11.0	7.7	8.9	5.7	69.7	-251.6	144.4	-8233.2	-4380.2	-1389.7
384	ok	0.13	1.0	0.1	8.3	7.7	5.9	5.7	35.8	-288.5	172.1	-7357.0	-4013.2	1156.1
385	ok	0.14	1.0	5.07e-02	10.9	7.7	8.8	5.7	105.6	-165.4	83.8	-6162.6	-3384.9	-3566.1
386	ok	0.12	0.7	9.40e-03	7.7	7.7	5.7	5.7	129.6	-9.0	8.4	1446.2	-670.3	-3821.2
387	ok	0.23	1.0	0.0	7.7	23.0	5.7	8.8	128.3	216.7	40.6	1.778e+04	3607.8	-807.5
388	ok	0.12	0.9	0.1	7.8	7.7	5.8	5.7	48.9	-288.4	184.3	-5008.4	-1862.6	-1409.1
389	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	25.8	-294.2	199.7	-4422.4	-1529.5	1397.4
390	ok	0.13	1.0	7.18e-02	9.4	7.7	7.3	5.7	93.3	-224.2	122.1	-4106.2	-1747.3	-4000.4
391	ok	0.12	0.8	2.62e-02	7.7	7.7	5.7	5.7	143.7	-77.5	13.5	275.8	-416.5	-4903.9
392	ok	0.17	1.0	0.0	7.7	16.1	5.7	9.7	172.5	201.6	-88.9	1.218e+04	2549.2	-899.5
393	ok	0.12	0.5	0.1	7.7	7.7	5.7	5.7	-20.1	-311.3	215.0	-1225.0	4303.2	-1025.6
394	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	-29.7	-288.7	217.2	-1017.9	4191.2	1239.1
395	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	18.3	-275.9	172.1	-1177.7	3061.4	-3271.6
396	ok	0.12	0.7	5.48e-02	7.7	7.7	5.7	5.7	87.1	-129.5	95.4	65.3	1209.7	-4943.5
397	ok	0.13	0.9	0.0	7.7	9.6	5.7	7.5	135.7	131.8	63.8	5708.6	1925.6	-1275.2
398	ok	0.12	0.7	8.08e-02	7.7	7.7	5.7	5.7	-6.4	-195.6	134.6	-174.9	2008.1	3549.0
399	ok	0.12	0.7	5.93e-02	7.7	7.7	5.7	5.7	15.2	-151.4	89.3	294.0	1122.7	4086.7
400	ok	0.12	0.7	9.85e-02	7.7	7.7	5.7	5.7	-15.5	-236.6	184.9	-468.3	2980.8	2902.2
401	ok	0.12	0.7	0.1	7.7	7.7	5.7	5.7	-22.3	-268.5	207.7	-739.8	3704.1	2170.2
402	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	-26.9	-320.4	125.0	-2047.3	-1617.4	2968.0
403	ok	0.12	0.5	0.1	7.7	7.7	5.7	5.7	-38.5	-348.8	77.6	415.7	-624.1	3326.4
404	ok	0.12	0.7	0.1	7.7	7.7	5.7	5.7	-1.8	-310.1	159.1	-4256.8	-2705.5	3061.9
405	ok	0.12	0.8	0.1	7.7	7.7	5.7	5.7	14.3	-300.3	170.5	-6038.9	-3463.5	2273.8
406	ok	0.12	0.6	9.23e-02	7.7	7.7	5.7	5.7	-10.7	-258.1	146.4	-1315.9	-688.5	3376.8
407	ok	0.12	0.6	8.07e-02	7.7	7.7	5.7	5.7	-16.7	-251.2	95.7	89.7	-299.2	3836.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-178.22	-637.74	-234.42	-1.389e+04	-5749.75	-5309.84
		0.37	0.99	0.18	15.28	35.76	8.98	15.19	172.49	268.26	300.12	2.474e+04	1.634e+04	5868.83

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
3	ok	2.06						
4	ok	1.79						
7	ok Av	4.81	0.17	0.14	4.3	3.4	96.9	76.6
8	ok	3.73						
9	ok Av	5.44	0.20	0.15	4.9	3.8	111.0	86.9
83	ok	4.32						
119	ok Av	7.25	0.13	0.31	3.2	7.8	73.1	175.5
123	ok Av	6.39	0.17	0.24	4.2	6.0	96.0	136.3
128	ok Av	9.60	0.28	0.33	7.1	8.3	159.9	188.0
182	ok Av	11.17	0.11	0.50	2.7	12.4	60.3	280.9
183	ok Av	10.10	0.10	0.46	2.5	11.4	56.9	257.5

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
184	ok Av	10.83	0.27	0.41	6.7	10.3	151.5	233.4
185	ok Av	7.06	0.32	0.13	8.0	3.3	181.1	75.5
198	ok Av	6.61	0.24	0.19	5.9	4.8	133.3	108.5
199	ok Av	4.92	0.22	0.07	5.5	1.7	123.4	39.2
200	ok Av	7.73	0.20	0.29	5.1	7.3	115.6	165.3
201	ok Av	8.78	0.15	0.38	3.8	9.5	86.9	216.0
214	ok Av	4.85	0.21	0.13	5.3	3.1	118.9	70.5
215	ok	4.43						
216	ok Av	5.97	0.13	0.24	3.3	5.9	74.6	134.0
217	ok Av	5.36	0.12	0.21	3.1	5.2	70.1	118.6
218	ok Av	6.42	0.12	0.27	2.9	6.7	66.2	151.1
232	ok Av	9.70	0.28	0.34	7.0	8.5	159.2	191.8
233	ok Av	7.48	0.34	9.27e-03	8.5	0.2	192.2	5.2
234	ok Av	12.42	0.11	0.57	2.8	14.1	64.2	318.2
239	ok	3.97						
242	ok	4.55						
251	ok Av	7.03	0.32	0.11	7.9	2.8	178.8	64.1
252	ok Av	13.53	0.56	0.26	13.9	6.5	314.8	147.7
253	ok Av	14.61	0.59	0.32	14.6	7.9	330.0	179.0
254	ok Av	5.50	0.25	0.04	6.1	1.1	139.1	25.3
255	ok Av	4.70	0.12	0.18	3.1	4.4	69.1	99.0
256	ok Av	10.84	0.49	0.22	12.2	5.5	275.3	124.5
257	ok Av	17.73	0.74	0.35	18.5	8.7	418.5	196.3
258	ok Av	14.70	0.65	0.19	16.1	4.7	363.2	107.0
259	ok Av	8.74	0.19	0.37	4.7	9.2	105.3	208.9
260	ok Av	7.99	0.11	0.35	2.8	8.6	64.3	194.9
273	ok Av	9.35	0.31	0.33	7.7	8.1	175.0	183.4
274	ok Av	13.21	0.47	0.38	11.6	9.5	262.6	215.1
275	ok Av	10.85	0.35	0.43	8.8	10.8	199.2	244.1
276	ok Av	5.19	0.23	0.06	5.8	1.4	130.6	32.3
277	ok Av	6.12	0.26	0.10	6.5	2.6	146.7	58.9
278	ok Av	4.70	0.20	0.09	4.9	2.1	110.7	48.2
279	ok	4.27						
280	ok Av	6.64	0.30	0.08	7.5	2.1	168.6	47.1
282	ok Av	7.45	0.34	0.06	8.4	1.6	189.5	36.5
283	ok Av	5.77	0.26	0.10	6.4	2.5	145.5	57.7
284	ok Av	8.74	0.08	0.40	2.1	9.9	47.0	223.4
291	ok Av	6.02	0.26	0.11	6.4	2.7	145.0	61.3
293	ok Av	8.73	0.24	0.32	6.1	7.9	137.1	177.7
295	ok Av	9.22	0.10	0.41	2.5	10.2	57.4	229.9
323	ok Av	14.63	0.59	0.31	14.7	7.8	331.9	176.6
324	ok Av	14.83	0.57	0.40	14.1	9.9	320.0	223.2
325	ok Av	8.18	0.33	0.22	8.1	5.6	183.9	126.5
326	ok Av	5.48	0.14	0.24	3.5	6.0	80.2	136.0
327	ok Av	5.74	0.12	0.23	3.1	5.7	70.0	129.9
328	ok Av	5.02	0.16	0.16	4.1	4.0	92.4	89.9
329	ok Av	5.14	0.20	0.12	5.0	3.0	112.6	68.9
330	ok Av	5.44	0.23	0.09	5.8	2.2	130.7	49.9
331	ok Av	6.41	0.26	0.13	6.5	3.2	148.1	72.2
332	ok Av	7.70	0.33	0.12	8.3	3.0	187.2	68.6
333	ok Av	15.26	0.66	0.21	16.5	5.2	374.0	117.5
334	ok Av	16.27	0.64	0.39	15.8	9.6	357.5	216.8
335	ok Av	9.60	0.39	0.24	9.7	5.9	218.6	134.4
336	ok Av	5.07	0.17	0.15	4.3	3.8	97.1	86.8
337	ok Av	4.99	0.13	0.19	3.3	4.7	74.4	106.1
338	ok Av	4.94	0.19	0.13	4.7	3.1	105.3	70.9
339	ok Av	5.63	0.24	0.11	5.9	2.6	132.7	59.5
340	ok Av	6.34	0.28	0.09	6.9	2.3	156.2	51.4
341	ok Av	7.14	0.31	0.09	7.8	2.2	176.7	49.5
344	ok Av	6.49	0.29	0.04	7.3	1.1	164.9	25.3
345	ok Av	8.14	0.36	0.09	9.0	2.1	203.6	48.0
346	ok Av	7.34	0.33	0.06	8.2	1.5	185.7	33.1
347	ok Av	5.57	0.25	0.06	6.2	1.4	139.9	31.0
348	ok Av	14.95	0.64	0.25	15.8	6.2	357.5	140.7
349	ok	4.44						
350	ok	3.53						
351	ok	3.97						
352	ok Av	8.24	0.34	0.16	8.4	4.1	190.9	92.0
353	ok Av	15.43	0.67	0.22	16.6	5.5	376.7	124.4
354	ok Av	7.96	0.36	0.08	8.9	2.1	201.3	47.1
355	ok	4.32						
356	ok	4.54						
357	ok Av	8.87	0.32	0.25	7.9	6.2	179.7	140.1

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
358	ok	4.11						
359	ok Av	15.15	0.64	0.27	15.9	6.6	359.0	150.4
360	ok Av	16.44	0.73	0.18	18.2	4.5	412.4	101.1
361	ok Av	8.41	0.37	0.10	9.3	2.5	210.5	55.6
362	ok	3.47						
364	ok Av	15.27	0.66	0.25	16.3	6.3	368.8	142.9
365	ok Av	6.72	0.29	0.08	7.4	2.1	166.4	47.1
366	ok Av	5.82	0.26	0.05	6.5	1.2	147.6	26.1
367	ok Av	5.08	0.22	0.07	5.5	1.6	125.6	37.0
368	ok Av	7.64	0.34	0.09	8.5	2.2	192.1	50.7
369	ok Av	14.36	0.60	0.26	15.0	6.4	339.1	145.3
370	ok	3.60						
371	ok	3.95						
372	ok Av	7.12	0.32	0.07	7.9	1.7	178.7	39.1
373	ok Av	6.24	0.28	0.04	7.0	1.1	158.5	24.8
374	ok Av	5.38	0.24	0.06	5.9	1.4	134.4	32.5
378	ok	4.37						
379	ok Av	5.28	0.09	0.22	2.2	5.6	49.9	126.1
380	ok Av	10.72	0.21	0.44	5.3	11.0	119.8	248.0
381	ok Av	11.20	0.10	0.50	2.5	12.5	56.1	282.9
382	ok Av	9.63	0.10	0.43	2.6	10.6	58.9	240.5
383	ok Av	5.27	0.07	0.23	1.8	5.7	41.2	128.9
384	ok Av	5.41	0.10	0.22	2.6	5.6	58.0	126.3
385	ok Av	6.54	0.26	0.15	6.5	3.8	146.2	86.6
386	ok Av	11.70	0.47	0.25	11.7	6.3	264.8	142.4
387	ok Av	13.65	0.49	0.39	12.1	9.7	274.0	219.1
388	ok Av	7.25	0.09	0.32	2.4	7.9	53.3	178.5
389	ok Av	6.88	0.08	0.30	2.0	7.5	45.7	170.7
390	ok Av	6.50	0.19	0.26	4.7	6.4	106.0	145.2
391	ok Av	9.99	0.35	0.29	8.7	7.3	196.6	165.2
392	ok Av	12.11	0.33	0.45	8.1	11.1	184.2	251.6
393	ok Av	10.23	0.16	0.45	3.9	11.1	88.3	251.2
394	ok Av	9.14	0.12	0.41	3.1	10.2	70.1	231.4
395	ok Av	9.07	0.20	0.38	4.9	9.5	110.1	215.4
396	ok Av	10.18	0.30	0.36	7.4	8.9	166.6	201.7
397	ok Av	8.64	0.05	0.39	1.1	9.8	25.7	220.9
398	ok	4.08						
399	ok Av	5.24	0.04	0.24	1.0	5.9	22.4	132.9
400	ok Av	5.71	0.06	0.26	1.6	6.4	36.5	145.1
401	ok Av	7.20	0.08	0.33	1.9	8.1	43.0	183.0
402	ok	4.26						
403	ok Av	5.23	0.20	0.13	4.9	3.3	111.5	74.8
404	ok	4.29						
405	ok	4.45						
406	ok	3.47						
407	ok	4.47						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		17.73	0.74	0.57	18.50	14.06	418.51	318.16

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
3	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.12	0.2	3.54e-02	7.7	7.7	5.7	5.7	-0.3	88.2	-168.9	1111.6	-282.9	507.6
2	ok	0.12	0.2	2.63e-02	7.7	7.7	5.7	5.7	1.2	109.2	143.2	1426.7	-427.8	-428.2
6	ok	0.12	3.99e-02	3.11e-03	7.7	7.7	5.7	5.7	0.7	116.7	-39.9	177.8	-160.5	72.0
10	ok	0.12	0.3	1.84e-02	7.7	7.7	5.7	5.7	-27.1	240.1	85.0	-412.7	-329.2	-881.6
11	ok	0.12	0.2	7.08e-02	7.7	7.7	5.7	5.7	-262.2	-6.8	-27.7	-1852.8	-109.1	-584.7
12	ok	0.12	0.1	4.40e-02	7.7	7.7	5.7	5.7	-32.4	-17.4	82.4	-474.3	-40.0	-343.9
13	ok	0.12	0.2	7.17e-02	7.7	7.7	5.7	5.7	-265.0	-11.8	-38.5	-1129.8	-151.7	-813.8
14	ok	0.12	0.2	3.53e-02	7.7	7.7	5.7	5.7	19.1	31.5	101.7	-425.7	-108.8	-557.9
15	ok	0.12	0.2	7.01e-02	7.7	7.7	5.7	5.7	-250.2	6.5	-26.9	-670.7	-232.8	-939.7
16	ok	0.13	0.3	1.42e-02	8.3	7.7	6.4	5.7	-33.4	370.1	-2.0	-724.6	-429.4	-213.5
19	ok	0.14	0.3	1.22e-02	7.7	7.7	10.8	7.8	-37.5	665.6	-16.0	-8.1	-725.6	-62.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
20	ok	0.13	0.3	2.14e-03	7.7	7.7	8.8	8.3	60.4	615.8	5.3	35.3	104.3	254.4
21	ok	0.12	0.3	3.93e-03	7.8	7.7	7.4	5.9	-0.4	460.4	-46.0	201.5	-318.0	97.8
22	ok	0.13	0.2	0.0	7.7	7.7	8.5	8.4	8.6	650.9	3.5	12.4	-10.6	-42.9
23	ok	0.12	0.3	5.14e-03	7.7	7.7	6.0	5.7	-14.7	409.1	39.2	279.7	0.4	-68.8
24	ok	0.12	0.3	1.63e-03	7.8	7.7	7.5	7.8	44.8	557.5	-0.1	-254.9	164.0	-261.5
25	ok	0.12	0.3	6.22e-03	7.7	7.7	5.7	5.7	-7.4	400.9	82.7	426.3	-2.1	-334.6
26	ok	0.13	0.3	1.11e-02	8.1	7.8	8.9	6.4	-27.7	535.4	90.9	869.9	-539.4	-278.7
27	ok	0.12	0.3	9.68e-03	7.9	7.7	6.3	5.7	-29.7	415.5	-56.2	978.2	-239.6	248.9
28	ok	0.12	0.2	1.47e-03	7.7	7.7	5.7	5.7	-0.9	294.4	-30.6	1139.1	-87.0	275.1
29	ok	0.12	0.2	0.0	7.7	7.7	5.7	5.7	25.2	229.6	-23.1	1116.4	-236.3	328.1
37	ok	0.12	0.2	4.12e-03	7.7	7.7	5.7	5.7	40.0	179.2	-29.2	1395.4	-133.5	144.8
66	ok	0.12	0.1	0.1	7.7	7.7	5.7	5.7	-147.6	-274.4	-109.8	321.3	69.1	249.2
67	ok	0.12	7.34e-02	1.52e-02	7.7	7.7	5.7	5.7	-6.2	112.1	-29.9	-293.7	240.8	76.6
70	ok	0.12	0.5	0.2	7.7	7.7	5.7	5.7	-397.7	-629.8	-143.9	4915.0	1418.6	124.6
71	ok	0.12	0.4	7.17e-02	7.7	7.7	5.7	5.7	-119.6	157.7	87.8	-1662.8	-459.5	1742.0
73	ok	0.12	0.3	2.67e-02	7.7	7.7	5.7	5.7	80.3	149.7	146.1	-377.0	-284.9	-683.2
74	ok	0.12	0.2	0.1	7.7	7.7	5.7	5.7	-210.0	-293.7	84.8	285.2	658.1	-295.0
75	ok	0.12	0.2	0.1	7.7	7.7	5.7	5.7	-260.6	-343.3	108.1	190.5	197.1	400.5
76	ok	0.12	0.3	0.2	7.7	7.7	5.7	5.7	-333.0	-540.4	287.5	2185.1	728.2	256.5
77	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-186.0	-224.1	81.7	434.0	1485.1	-152.5
78	ok	0.12	0.2	0.1	7.7	7.7	5.7	5.7	-212.7	-247.9	137.2	324.3	216.6	296.9
79	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-143.1	-168.8	43.4	452.8	1876.6	131.4
80	ok	0.12	0.2	8.19e-02	7.7	7.7	5.7	5.7	-165.1	-150.2	125.0	286.7	212.1	267.2
81	ok	0.12	0.4	8.02e-02	7.7	7.7	5.7	5.7	-89.0	-102.3	13.5	363.5	1763.1	388.6
82	ok	0.12	0.1	5.64e-02	7.7	7.7	5.7	5.7	-116.4	-72.5	104.5	118.9	107.2	206.1
93	ok	0.12	0.2	0.1	7.7	7.7	5.7	5.7	-237.9	-451.4	58.4	477.7	223.6	311.9
94	ok	0.12	0.2	8.97e-02	7.7	7.7	5.7	5.7	-199.1	-252.1	89.9	251.6	213.4	235.6
95	ok	0.12	0.3	6.25e-02	7.7	7.7	5.7	5.7	-149.7	-41.9	104.7	-1743.3	-948.6	439.4
96	ok	0.12	0.5	0.2	7.7	7.7	5.7	5.7	-299.8	-530.0	87.2	5353.0	1257.1	-105.1
97	ok	0.12	0.5	0.1	7.7	7.7	5.7	5.7	-418.6	-106.4	-131.1	-5286.6	-824.0	-1197.2
98	ok	0.14	0.4	5.63e-02	8.8	7.7	10.5	5.7	-92.0	450.2	-36.4	-199.7	-1712.1	-302.1
99	ok	0.12	0.3	6.31e-02	7.9	7.7	7.4	5.7	-235.5	101.6	-29.8	1045.2	-499.5	588.9
100	ok	0.12	0.3	5.24e-02	7.7	7.7	5.7	5.7	-70.1	-87.7	59.4	-1732.7	-1162.5	809.5
101	ok	0.12	0.4	1.43e-03	7.9	7.7	8.3	5.7	65.1	304.1	-30.2	670.2	-1656.4	417.9
102	ok	0.12	0.2	7.70e-02	7.7	7.7	5.7	5.7	-181.2	-260.7	26.8	219.3	254.3	235.1
103	ok	0.12	0.1	0.1	7.7	7.7	5.7	5.7	-282.8	-429.2	-48.2	620.0	411.5	194.5
104	ok	0.12	0.5	0.2	7.7	7.7	5.7	5.7	-308.4	-650.0	-83.3	928.1	430.1	0.1
105	ok	0.12	0.2	3.54e-02	7.7	7.7	5.7	5.7	-45.8	-58.3	-41.7	-1385.3	-1364.8	38.3
106	ok	0.12	0.4	0.0	7.7	7.7	8.3	5.7	10.7	281.1	2.0	124.1	-1910.5	-8.2
107	ok	0.12	0.2	7.68e-02	7.7	7.7	5.7	5.7	-169.7	-261.0	-43.9	157.3	267.1	208.3
108	ok	0.12	0.1	0.1	7.7	7.7	5.7	5.7	-254.0	-423.8	-78.2	671.8	360.5	211.6
109	ok	0.12	0.5	0.2	7.7	7.7	5.7	5.7	-296.3	-634.5	-99.4	1177.9	449.1	-10.4
110	ok	0.12	0.3	7.50e-02	7.7	7.7	5.7	5.7	-95.1	-162.3	-143.3	-436.3	-122.6	-177.0
111	ok	0.12	0.4	2.43e-03	7.9	7.7	7.4	5.7	84.0	221.1	28.6	814.5	-1836.3	-396.5
112	ok	0.12	0.2	8.95e-02	7.7	7.7	5.7	5.7	-175.1	-251.6	-108.6	45.6	200.5	179.9
113	ok	0.12	0.1	0.1	7.7	7.7	5.7	5.7	-248.8	-399.7	-122.1	747.3	362.9	226.2
114	ok	0.12	0.5	0.2	7.7	7.7	5.7	5.7	-291.1	-581.9	-134.4	5350.5	1246.6	-57.5
115	ok	0.12	0.3	7.92e-02	7.7	7.7	5.7	5.7	-147.3	-125.8	-153.6	-626.7	-311.6	-186.3
116	ok	0.12	0.2	9.98e-02	7.7	7.7	5.7	5.7	-182.2	-231.3	-143.6	-146.5	66.5	93.8
117	ok	0.12	0.1	0.1	7.7	7.7	5.7	5.7	-237.7	-362.8	-116.5	776.0	345.4	221.3
118	ok	0.12	0.4	6.80e-02	7.7	7.7	5.7	5.7	-65.7	-62.0	-7.4	290.7	1523.7	472.2
120	ok	0.12	0.3	5.35e-02	7.7	7.7	5.7	5.7	-28.8	20.4	145.0	267.7	1625.6	102.4
122	ok	0.12	0.2	4.00e-02	7.7	7.7	5.7	5.7	-37.1	28.5	-29.3	112.2	930.9	508.7
124	ok	0.12	0.2	2.88e-02	7.7	7.7	5.7	5.7	-16.4	104.6	-10.6	-34.6	528.5	246.7
129	ok	0.12	0.3	8.30e-02	7.7	7.7	5.7	5.7	-167.4	-155.9	-137.1	-1086.0	-774.2	-397.1
130	ok	0.12	0.3	5.77e-02	7.7	7.7	5.7	5.7	-154.3	-96.3	-84.8	-2745.7	-864.9	-320.6
131	ok	0.12	0.3	0.1	7.7	7.7	5.7	5.7	-175.8	-225.2	-175.5	-455.0	-333.1	-72.8
132	ok	0.12	0.1	0.1	7.7	7.7	5.7	5.7	-218.1	-311.5	-150.4	744.3	217.0	144.5
133	ok	0.12	0.5	0.2	7.7	7.7	5.7	5.7	-274.8	-449.4	-167.3	5192.3	1179.5	-214.4
134	ok	0.12	0.3	9.03e-02	7.7	7.7	5.7	5.7	-112.7	-198.6	-171.2	-1447.0	-1641.6	-469.3
135	ok	0.12	0.3	6.60e-02	7.7	7.7	5.7	5.7	-69.2	-158.2	-120.3	-1463.8	-1580.7	-390.9
136	ok	0.12	0.3	0.1	7.7	7.7	5.7	5.7	-142.6	-225.8	-198.2	-842.6	-1142.6	-377.4
137	ok	0.12	0.2	0.1	7.7	7.7	5.7	5.7	-178.2	-253.8	-156.6	523.6	-207.8	-180.9
138	ok	0.12	0.5	0.1	7.7	7.7	5.7	5.7	-240.8	-331.6	-172.5	4837.2	1068.1	-340.1
139	ok	0.12	0.5	0.1	7.7	7.7	5.7	5.7	-92.9	-241.0	-149.8	-1541.0	-3579.6	-779.0
140	ok	0.12	0.5	8.51e-02	7.7	7.7	5.7	5.7	-65.1	-191.3	-158.1	-1498.7	-3221.5	-98.6
141	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-98.6	-236.1	-175.9	-1181.6	-2789.3	-1376.2
142	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-108.2	-158.7	-115.6	-215.1	-1115.2	-1418.5
143	ok	0.12	0.4	0.1	7.7	7.7	5.7	5.7	-195.4	-182.0	-172.7	2938.4	870.5	-154.7
144	ok	0.12	0.9	0.1	7.7	7.7	5.7	5.7	-110.2	-281.7	-102.3	-1626.1	-6579.6	-462.1
145	ok	0.12	0.9	0.1	7.7	7.7	5.7	5.7	-107.3	-181.6	-235.0	-1454.7	-5876.3	438.7
146	ok	0.12	0.8	0.1	7.7	7.7	5.7	5.7	-91.5	-265.7	-92.9	-1423.9	-5831.5	-1206.0
147	ok	0.12	0.5	0.1	7.7	7.7	5.7	5.7	-33.4	-140.7	-60.4	-605.2	-3019.6	-1562.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
148	ok	0.12	0.1	7.23e-02	7.7	7.7	5.7	5.7	-260.0	-57.5	51.8	-458.6	139.4	469.6
149	ok	0.12	0.2	1.83e-02	7.7	7.7	5.7	5.7	2.4	12.4	-47.9	-340.1	-523.9	713.1
150	ok	0.12	0.2	1.25e-02	7.7	7.7	5.7	5.7	-17.5	148.4	-75.6	309.4	-286.9	674.6
151	ok	0.12	0.2	5.79e-02	7.7	7.7	5.7	5.7	-217.6	-2.2	15.2	-1452.5	21.7	335.1
152	ok	0.12	0.2	3.08e-02	7.7	7.7	5.7	5.7	-98.2	-37.0	-36.6	-1263.0	-529.7	540.3
153	ok	0.12	0.3	6.77e-02	7.7	7.7	5.7	5.7	-247.9	-4.3	-11.1	-2626.6	-39.3	123.0
154	ok	0.12	0.3	6.05e-02	7.7	7.7	5.7	5.7	-148.0	-100.2	-97.9	-2392.3	-829.8	26.4
155	ok	0.12	0.2	1.95e-02	7.7	7.7	5.7	5.7	3.3	22.0	-80.7	-372.6	-676.8	594.3
156	ok	0.12	0.2	4.92e-03	7.7	7.7	5.7	5.7	9.4	147.1	-55.1	278.8	-366.8	754.8
157	ok	0.12	0.2	3.85e-02	7.7	7.7	5.7	5.7	-20.3	-63.1	-97.7	-988.4	-978.3	480.0
158	ok	0.12	0.3	5.41e-02	7.7	7.7	5.7	5.7	-56.4	-107.9	-114.0	-1589.0	-1261.0	234.7
159	ok	0.12	0.4	3.31e-02	7.7	7.7	5.7	5.7	9.8	-36.4	-98.8	-421.3	-1435.5	694.0
160	ok	0.12	0.3	8.55e-03	7.7	7.7	5.7	5.7	20.9	70.4	-40.5	218.3	-574.6	1127.1
161	ok	0.12	0.4	5.46e-02	7.7	7.7	5.7	5.7	-17.3	-105.0	-128.1	-842.9	-2120.3	573.4
162	ok	0.12	0.4	7.03e-02	7.7	7.7	5.7	5.7	-40.1	-154.5	-150.1	-1161.2	-2740.9	340.3
163	ok	0.12	0.5	6.34e-02	7.7	7.7	5.7	5.7	-78.4	-78.5	-151.3	-532.0	-2288.2	908.7
164	ok	0.12	0.3	4.07e-02	7.7	7.7	5.7	5.7	-53.0	-8.2	-115.5	-119.2	-966.1	786.8
165	ok	0.12	0.6	7.90e-02	7.7	7.7	5.7	5.7	-92.9	-132.2	-174.8	-889.8	-3614.1	829.0
166	ok	0.12	0.7	8.96e-02	7.7	7.7	5.7	5.7	-103.3	-163.8	-193.6	-1179.9	-4763.4	631.0
246	ok	0.12	0.3	8.14e-02	7.7	7.7	5.7	5.7	-69.5	-173.0	157.6	-1187.7	-1674.9	104.3
247	ok	0.12	0.3	5.86e-02	7.7	7.7	5.7	5.7	-49.3	-164.9	90.0	-788.8	-1432.3	443.8
248	ok	0.12	0.3	9.56e-02	7.7	7.7	5.7	5.7	-108.6	-234.0	155.5	-672.9	-1069.8	-286.0
249	ok	0.12	0.2	9.98e-02	7.7	7.7	5.7	5.7	-159.9	-201.3	148.3	116.6	-152.8	-592.9
250	ok	0.12	0.3	0.1	7.7	7.7	5.7	5.7	-277.5	-278.4	252.8	3025.7	836.6	23.9
261	ok	0.12	0.9	0.1	7.7	7.7	5.7	5.7	-117.1	-253.6	202.8	-1764.8	-7206.6	266.4
262	ok	0.12	0.9	8.83e-02	7.7	7.7	5.7	5.7	-121.4	-176.5	174.1	-1300.0	-5376.9	-453.8
263	ok	0.12	0.7	0.1	7.7	7.7	5.7	5.7	-98.9	-263.6	69.1	-1491.6	-6002.0	1265.9
264	ok	0.12	0.5	0.1	7.7	7.7	5.7	5.7	-58.2	-150.8	44.3	-622.7	-2932.6	1656.5
265	ok	0.12	0.8	7.77e-02	7.7	7.7	5.7	5.7	-114.7	-168.3	142.0	-1074.2	-4565.5	-636.3
266	ok	0.12	0.2	4.39e-02	7.7	7.7	5.7	5.7	-32.1	-126.8	48.7	-614.5	-1215.2	576.0
267	ok	0.12	0.7	6.60e-02	7.7	7.7	5.7	5.7	-100.2	-135.5	124.0	-821.1	-3620.5	-810.2
268	ok	0.12	0.2	2.75e-02	7.7	7.7	5.7	5.7	-17.1	-80.0	23.9	-394.7	-970.6	655.6
269	ok	0.12	0.5	4.98e-02	7.7	7.7	5.7	5.7	-76.7	-86.1	102.6	-503.4	-2431.9	-860.1
270	ok	0.12	0.2	1.05e-02	7.7	7.7	5.7	5.7	-9.8	0.9	19.6	-77.3	-645.0	629.9
271	ok	0.12	0.3	2.85e-02	7.7	7.7	5.7	5.7	-32.8	-23.1	41.6	-102.4	-1256.2	-870.0
272	ok	0.12	0.2	3.03e-03	7.7	7.7	5.7	5.7	49.9	56.7	-13.5	311.1	-433.1	702.1
281	ok	0.12	0.1	9.36e-04	7.7	7.7	5.7	5.7	6.6	132.0	21.1	424.8	-421.9	-72.7
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-418.64	-650.02	-235.02	-5286.61	-7206.58	-1562.87
		0.14	0.92	0.20	8.77	7.82	10.83	8.43	83.95	665.61	287.46	5353.01	1876.65	1741.95

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok	1.50						
2	ok	2.64						
6	ok	1.95						
10	ok	1.22						
11	ok	1.83						
12	ok	0.85						
13	ok	1.65						
14	ok	0.84						
15	ok	1.72						
16	ok	2.46						
19	ok	3.50						
20	ok	1.30						
21	ok	1.58						
22	ok	0.37						
23	ok	0.47						
24	ok	1.87						
25	ok	1.71						
26	ok	2.87						
27	ok	1.67						
28	ok	2.36						
29	ok	3.12						
37	ok	2.30						
66	ok	1.98						
67	ok	1.64						
70	ok	3.97						
71	ok Av	5.01	0.02	0.23	0.5	5.7	11.5	128.3

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
73	ok	1.08						
74	ok	1.20						
75	ok	3.07						
76	ok	4.15						
77	ok	1.78						
78	ok	1.52						
79	ok	2.01						
80	ok	1.60						
81	ok	1.78						
82	ok	1.38						
93	ok	4.01						
94	ok	1.77						
95	ok	3.54						
96	ok	4.16						
97	ok Av	4.84	0.17	0.22	4.2	5.5	94.3	124.1
98	ok	3.19						
99	ok Av	5.23	0.07	0.23	1.7	5.7	38.8	128.7
100	ok	1.39						
101	ok	2.28						
102	ok	1.39						
103	ok	3.41						
104	ok	4.14						
105	ok	0.73						
106	ok	0.33						
107	ok	1.47						
108	ok	3.41						
109	ok	3.84						
110	ok	1.68						
111	ok	2.34						
112	ok	1.55						
113	ok	3.45						
114	ok	3.94						
115	ok	3.98						
116	ok	1.64						
117	ok	3.47						
118	ok	1.41						
120	ok	1.11						
122	ok	1.05						
124	ok	1.07						
129	ok	0.78						
130	ok	1.13						
131	ok	1.70						
132	ok	3.55						
133	ok	4.62						
134	ok	1.03						
135	ok	0.87						
136	ok	1.63						
137	ok	3.55						
138	ok Av	5.25	0.15	0.18	3.8	4.6	86.9	103.3
139	ok	1.89						
140	ok	1.88						
141	ok	3.73						
142	ok Av	5.53	0.24	0.07	6.0	1.8	136.0	41.0
143	ok Av	5.76	0.19	0.19	4.6	4.6	104.4	105.0
144	ok	2.53						
145	ok	1.77						
146	ok	4.53						
147	ok Av	5.26	0.23	0.06	5.8	1.4	131.6	31.0
148	ok	3.10						
149	ok	0.99						
150	ok	1.21						
151	ok	2.56						
152	ok	1.04						
153	ok	2.23						
154	ok	1.23						
155	ok	1.07						
156	ok	1.19						
157	ok	1.00						
158	ok	0.91						
159	ok	2.97						
160	ok	2.79						
161	ok	2.74						
162	ok	2.28						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
163	ok	3.25						
164	ok	2.76						
165	ok	3.04						
166	ok	2.33						
246	ok	2.18						
247	ok	1.68						
248	ok	2.54						
249	ok	3.89						
250	ok	4.05						
261	ok	2.71						
262	ok	2.37						
263	ok	2.74						
264	ok	1.85						
265	ok	1.92						
266	ok	1.72						
267	ok	1.57						
268	ok	1.87						
269	ok	1.12						
270	ok	1.95						
271	ok	0.64						
272	ok	1.93						
281	ok	1.27						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		5.76	0.24	0.23	6.01	5.69	136.04	128.67

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
4	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
5	ok	0.15	6.34e-02	2.47e-02	7.7	7.7	5.7	5.7	39.7	-15.3	-47.4	-332.5	-149.1	33.5
30	ok	0.15	0.2	2.59e-03	7.7	7.7	5.7	5.7	104.5	-1.5	-0.5	208.0	-0.7	12.9
31	ok	0.15	8.75e-02	2.78e-02	7.7	7.7	5.7	5.7	35.0	-35.3	-46.8	-493.6	-223.3	21.6
32	ok	0.15	8.90e-02	2.17e-02	7.7	7.7	5.7	5.7	-14.7	-18.6	-46.9	-258.2	-216.3	-139.8
33	ok	0.15	0.1	2.24e-02	7.7	7.7	5.7	5.7	51.2	3.6	-55.7	-27.8	17.8	95.8
34	ok	0.15	9.75e-02	2.53e-02	7.7	7.7	5.7	5.7	47.4	-7.3	-57.9	-178.3	-64.9	102.1
35	ok	0.15	7.71e-02	2.82e-02	7.7	7.7	5.7	5.7	44.6	-21.5	-60.0	-325.4	-145.1	101.5
36	ok	0.15	9.86e-02	3.15e-02	7.7	7.7	5.7	5.7	48.0	-38.4	-62.3	-467.9	-247.5	101.1
38	ok	0.15	0.1	3.05e-02	7.7	7.7	5.7	5.7	77.6	-7.2	-91.2	-27.2	-81.5	333.7
39	ok	0.15	0.2	9.19e-02	7.7	7.7	5.7	5.7	-207.8	-99.4	-129.4	1514.6	19.3	-19.5
40	ok	0.15	0.1	3.17e-02	7.7	7.7	5.7	5.7	66.8	-11.5	-92.7	-89.2	-172.1	304.4
41	ok	0.15	0.1	3.27e-02	7.7	7.7	5.7	5.7	59.1	-15.8	-92.2	-190.5	-282.7	240.9
42	ok	0.17	0.9	1.47e-02	7.7	11.2	5.7	5.7	427.3	-4.6	-35.8	758.4	-258.0	13.8
43	ok	0.15	0.1	3.41e-02	7.7	7.7	5.7	5.7	50.9	-15.9	-90.5	-468.1	-426.5	177.1
44	ok	0.15	0.1	3.63e-02	7.7	7.7	5.7	5.7	32.7	-60.9	-42.6	-674.1	-292.8	2.1
45	ok	0.15	0.1	3.66e-02	7.7	7.7	5.7	5.7	44.9	-55.3	-64.0	-677.0	-343.4	23.3
46	ok	0.15	0.1	3.58e-02	7.7	7.7	5.7	5.7	42.8	-49.6	-79.9	-375.8	-458.2	44.7
47	ok	0.15	0.1	1.88e-02	7.7	7.7	5.7	5.7	52.9	6.6	-40.7	-5.9	-3.9	37.4
48	ok	0.15	0.2	1.88e-02	7.7	7.7	5.7	5.7	-42.4	33.5	8.0	640.5	9.5	-182.1
49	ok	0.15	0.2	6.04e-03	7.7	7.7	5.7	5.7	93.8	4.4	-13.3	201.6	15.2	-14.5
50	ok	0.15	8.85e-02	6.61e-03	7.7	7.7	5.7	5.7	132.6	2.0	3.8	-437.1	-1.0	-24.8
51	ok	0.16	1.0	2.97e-02	7.7	8.6	5.7	5.7	76.3	-62.9	-54.7	2247.7	595.3	-44.1
52	ok	0.15	0.2	1.32e-02	7.7	7.7	5.7	5.7	66.1	23.4	-44.5	958.7	340.1	-104.6
53	ok	0.15	0.1	2.05e-03	7.7	7.7	5.7	5.7	110.7	-0.3	-0.8	-1.8	4.67e-02	10.5
54	ok	0.15	7.28e-02	3.47e-03	7.7	7.7	5.7	5.7	114.9	-0.4	0.6	-214.5	1.0	0.5
55	ok	0.15	0.3	1.86e-02	7.7	7.7	5.7	5.7	64.4	0.7	-56.9	1538.3	504.8	-107.6
56	ok	0.15	0.2	1.25e-02	7.7	7.7	5.7	5.7	132.6	24.9	-49.1	495.6	559.2	100.9
57	ok	0.15	0.5	1.77e-02	7.7	7.7	5.7	5.7	76.9	59.5	-47.2	1858.4	1212.6	-497.0
58	ok	0.16	0.9	5.75e-02	7.7	8.6	5.7	6.3	-57.1	-66.3	-93.2	2729.1	1260.0	-161.9
59	ok	0.15	0.2	1.60e-02	7.7	7.7	5.7	5.7	62.1	25.2	-51.8	483.5	284.7	7.5
60	ok	0.15	0.2	1.93e-02	7.7	7.7	5.7	5.7	57.9	12.7	-54.3	128.8	105.9	78.3
61	ok	0.15	0.2	1.64e-02	7.7	7.7	5.7	5.7	54.0	25.1	-55.7	983.8	422.4	-89.4
62	ok	0.15	0.3	1.90e-02	7.7	7.7	5.7	5.7	66.5	-8.4	-55.4	1592.3	492.1	-90.2
63	ok	0.16	1.0	3.54e-02	7.7	8.7	5.7	5.9	78.2	-61.9	-77.0	2372.3	763.5	-124.7
64	ok	0.15	0.2	1.36e-02	7.7	7.7	5.7	5.7	66.5	20.8	-40.8	525.4	204.9	-34.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
65	ok	0.15	0.2	1.65e-02	7.7	7.7	5.7	5.7	62.1	12.8	-42.5	163.0	67.7	23.5
68	ok	0.32	0.4	1.55e-02	7.7	26.5	5.7	7.8	708.6	-2.5	-149.1	5204.2	411.4	-592.6
69	ok	0.15	0.2	2.52e-02	7.7	7.7	5.7	5.7	38.9	36.3	-96.6	-736.1	73.1	13.4
205	ok	0.17	0.3	2.13e-02	9.9	7.7	7.6	5.7	433.0	60.4	-140.0	-890.0	-813.0	-101.5
208	ok	0.15	0.3	4.38e-02	7.7	7.7	5.7	5.7	222.5	5.1	-161.2	-250.8	-783.4	187.3
210	ok	0.15	0.2	4.90e-02	7.7	7.7	5.7	5.7	131.5	0.3	-151.2	-118.4	-534.1	230.9
212	ok	0.15	0.1	4.45e-02	7.7	7.7	5.7	5.7	85.3	-0.8	-138.6	-52.8	-286.3	236.0
224	ok	0.15	0.1	3.98e-02	7.7	7.7	5.7	5.7	77.2	-2.94e-03	-131.2	-12.2	-160.5	236.7
226	ok	0.15	0.1	3.62e-02	7.7	7.7	5.7	5.7	67.8	-0.5	-124.8	37.1	-39.9	236.8
228	ok	0.15	9.24e-02	3.27e-02	7.7	7.7	5.7	5.7	61.6	-1.3	-118.0	108.2	68.3	227.7
230	ok	0.15	8.68e-02	3.10e-02	7.7	7.7	5.7	5.7	55.4	-7.7	-111.2	270.3	172.1	144.0
244	ok	0.15	0.2	2.00e-02	7.7	7.7	5.7	5.7	117.3	7.4	-73.6	171.2	200.8	278.3
245	ok	0.15	0.1	2.83e-02	7.7	7.7	5.7	5.7	91.9	-2.2	-87.8	29.3	4.5	337.1
300	ok	0.15	9.52e-02	2.71e-02	7.7	7.7	5.7	5.7	-25.3	-44.0	-49.7	546.8	-36.9	-134.4
301	ok	0.15	6.10e-02	2.21e-02	7.7	7.7	5.7	5.7	-20.5	-28.3	-42.8	139.2	-85.7	-155.6
302	ok	0.15	8.23e-02	1.80e-02	7.7	7.7	5.7	5.7	-17.2	-13.5	-37.0	-260.3	-141.4	-155.7
303	ok	0.15	0.2	1.04e-02	7.7	7.7	5.7	5.7	89.0	19.4	-44.2	987.1	236.1	-128.8
304	ok	0.15	0.3	1.37e-02	7.7	7.7	5.7	5.7	87.3	9.7	-44.4	1440.7	374.9	-131.9
305	ok	0.15	0.1	1.45e-02	7.7	7.7	5.7	5.7	65.7	8.0	-24.9	3.9	-14.9	-0.9
306	ok	0.15	0.2	9.79e-03	7.7	7.7	5.7	5.7	83.4	13.8	-32.1	570.1	139.4	-57.4
307	ok	0.15	0.2	1.22e-02	7.7	7.7	5.7	5.7	74.1	10.4	-28.4	186.9	40.2	-10.1
308	ok	0.15	0.2	3.50e-02	7.7	7.7	5.7	5.7	23.0	-67.2	-36.1	-709.1	-298.5	-28.8
309	ok	0.16	1.0	2.72e-02	7.7	8.6	5.7	5.7	82.9	-61.2	-9.4	2059.0	526.2	83.6
311	ok	0.15	0.3	2.09e-03	7.7	7.7	5.7	5.7	117.7	-1.6	-2.2	633.2	-1.4	-5.0
312	ok	0.15	0.2	3.78e-02	7.7	7.7	5.7	5.7	-35.9	-68.9	-64.6	1130.2	71.6	-38.5
313	ok	0.16	1.0	2.30e-02	7.7	8.8	5.7	5.7	62.1	-49.5	-35.9	1680.2	485.9	-54.2
314	ok	0.15	0.2	2.98e-03	7.7	7.7	5.7	5.7	154.8	-1.2	-4.3	1072.7	7.4	-45.8
315	ok	0.15	0.4	4.76e-03	7.7	8.1	5.7	5.9	219.2	23.2	-41.4	1790.1	158.0	141.9
316	ok	0.15	0.1	4.21e-02	7.7	7.7	5.7	5.7	-54.5	-59.2	-76.4	664.5	26.9	-234.6
317	ok	0.15	7.37e-02	1.79e-02	7.7	7.7	5.7	5.7	69.3	5.7	4.4	-394.0	-93.7	-55.8
318	ok	0.15	8.53e-02	1.17e-02	7.7	7.7	5.7	5.7	-15.6	-4.3	-24.6	-267.6	-58.2	-189.8
319	ok	0.15	0.2	5.18e-03	7.7	7.7	5.7	5.7	131.4	6.7	-33.1	1022.6	109.3	-121.2
320	ok	0.15	0.3	6.66e-03	7.7	7.7	5.7	5.7	147.9	8.5	-54.1	1405.4	183.2	-189.4
321	ok	0.15	0.1	7.79e-03	7.7	7.7	5.7	5.7	84.5	4.0	-7.2	4.3	-15.6	-12.1
322	ok	0.15	0.3	4.98e-03	7.7	7.7	5.7	5.7	104.3	4.3	-22.0	607.7	66.5	-46.9
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-207.79	-99.44	-161.18	-889.97	-812.97	-592.60
		0.32	0.98	0.09	9.91	26.49	7.56	7.85	708.56	60.37	7.99	5204.23	1259.95	337.05

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
5	ok	0.53						
30	ok	1.29						
31	ok	0.55						
32	ok	0.54						
33	ok	0.62						
34	ok	0.49						
35	ok	0.50						
36	ok	0.50						
38	ok	0.46						
39	ok	2.01						
40	ok	0.42						
41	ok	0.52						
42	ok	2.49						
43	ok	0.98						
44	ok	0.58						
45	ok	0.65						
46	ok	1.94						
47	ok	0.62						
48	ok	1.63						
49	ok	0.73						
50	ok	1.59						
51	ok Av	5.34	0.17	0.17	4.4	4.2	79.3	76.9
52	ok	1.93						
53	ok	1.45						
54	ok	1.53						
55	ok	4.41						
56	ok	2.76						
57	ok Av	7.01	0.29	0.14	7.1	3.5	129.9	64.6

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
58	ok	3.78						
59	ok	1.13						
60	ok	0.82						
61	ok	2.48						
62	ok Av	5.40	0.18	0.17	4.5	4.2	82.2	75.7
63	ok Av	5.15	0.15	0.18	3.7	4.6	66.8	83.1
64	ok	0.75						
65	ok	0.77						
68	ok Av	12.89	0.59	0.05	14.6	1.3	266.6	23.2
69	ok	4.26						
205	ok Av	7.15	0.16	0.28	4.0	7.1	73.6	129.0
208	ok	1.68						
210	ok	1.06						
212	ok	0.85						
224	ok	0.68						
226	ok	0.61						
228	ok	0.70						
230	ok	1.30						
244	ok	1.42						
245	ok	0.94						
300	ok	0.58						
301	ok	0.57						
302	ok	0.57						
303	ok	1.90						
304	ok	4.41						
305	ok	0.63						
306	ok	0.75						
307	ok	0.76						
308	ok	0.65						
309	ok Av	4.91	0.17	0.15	4.2	3.7	76.1	67.3
311	ok	0.69						
312	ok	1.13						
313	ok Av	6.04	0.24	0.14	5.9	3.5	107.9	62.9
314	ok	2.57						
315	ok	4.84						
316	ok	0.70						
317	ok	0.66						
318	ok	0.64						
319	ok	1.92						
320	ok	4.38						
321	ok	0.67						
322	ok	0.77						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		12.89	0.59	0.28	14.63	7.08	266.64	128.96

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
5	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.12	0.2	7.96e-02	7.7	7.7	5.7	5.7	-140.8	-123.6	162.2	-1116.3	-385.5	323.3
3	ok	0.12	0.2	0.0	7.7	7.7	5.7	5.7	223.8	224.3	117.7	518.3	-198.4	-332.2
7	ok	0.12	0.3	1.25e-02	7.7	7.7	5.7	5.7	-36.3	124.8	36.3	200.8	-1467.7	438.3
9	ok	0.12	1.0	5.82e-02	7.7	7.7	5.7	5.7	-47.3	-127.6	119.6	-1426.3	-6941.0	602.3
17	ok	0.12	0.7	3.67e-02	7.7	7.7	5.7	5.7	29.0	-85.0	62.8	820.6	1409.2	3506.3
18	ok	0.13	0.4	0.1	7.7	8.4	5.7	6.4	-118.8	-115.7	299.9	929.7	2557.6	-295.0
83	ok	0.12	0.6	3.69e-02	7.7	7.7	5.7	5.7	-35.6	-43.4	93.5	-724.1	-3792.7	676.6
84	ok	0.12	0.7	2.60e-02	7.7	7.7	5.7	5.7	42.7	-1.4	51.2	139.1	446.8	4035.7
85	ok	0.12	0.9	5.31e-02	7.7	7.7	5.7	5.7	-20.2	-119.3	84.4	4365.4	5944.8	562.0
88	ok	0.13	0.9	9.51e-02	7.7	9.1	5.7	7.1	-67.9	-114.5	231.0	6316.3	6141.5	-463.8
89	ok	0.13	1.0	7.61e-02	7.7	9.6	5.7	7.6	-37.2	-147.5	167.2	6608.8	7589.4	-107.6
90	ok	0.13	1.0	9.76e-02	7.7	8.2	5.7	6.1	-257.0	-60.6	182.8	798.4	2026.9	3528.2
91	ok	0.13	1.0	7.16e-02	7.7	9.8	5.7	7.8	-134.4	-45.7	157.3	4608.1	4201.9	2098.2
92	ok	0.13	1.0	6.05e-02	7.7	8.2	5.7	6.1	-79.1	-76.9	138.5	4614.4	5931.5	349.4
119	ok	0.14	1.0	8.87e-02	7.9	7.7	10.7	5.7	-93.5	-249.1	104.0	-2514.2	-1.232e+04	510.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
121	ok	0.12	0.7	6.41e-02	7.7	7.7	5.7	5.7	14.9	-188.5	103.0	1972.2	2804.2	2512.4
123	ok	0.12	1.0	7.56e-02	7.8	7.7	8.2	5.7	-66.1	-196.9	94.7	-2045.6	-9867.8	554.9
125	ok	0.12	0.8	5.04e-02	7.7	7.7	5.7	5.7	19.2	-143.5	80.0	1422.7	2158.4	3120.5
219	ok	0.12	0.3	4.35e-02	7.7	7.7	5.7	5.7	-49.1	-45.6	89.1	-426.7	1256.0	614.9
220	ok	0.12	0.8	4.86e-02	7.7	7.7	5.7	5.7	-65.1	-55.0	117.6	2973.0	4079.4	-1611.4
221	ok	0.12	0.7	4.68e-02	7.7	7.7	5.7	5.7	-59.8	-55.0	112.3	2202.9	3243.2	-2117.4
222	ok	0.12	0.6	4.54e-02	7.7	7.7	5.7	5.7	-55.2	-55.4	109.2	1135.6	2212.5	-2417.5
223	ok	0.12	0.5	4.54e-02	7.7	7.7	5.7	5.7	-47.8	-57.7	110.4	-285.1	1019.1	-2745.3
235	ok	0.12	0.6	4.33e-02	7.7	7.7	5.7	5.7	-26.8	-66.6	63.2	1585.5	3139.0	702.0
236	ok	0.12	0.2	2.95e-02	7.7	7.7	5.7	5.7	-17.7	72.6	129.6	-1564.4	-263.5	761.5
237	ok	0.12	0.5	5.19e-02	7.7	7.7	5.7	5.7	-48.3	-48.0	96.3	-3673.6	-160.5	236.1
238	ok	0.12	0.4	4.92e-02	7.7	7.7	5.7	5.7	-46.3	-79.3	71.5	-2994.3	-78.2	-535.8
241	ok	0.12	0.8	4.71e-02	7.7	7.7	5.7	5.7	-21.4	-93.7	70.1	3125.9	4667.9	645.8
261	ok	0.12	1.0	5.32e-02	7.9	7.7	7.1	5.7	-85.1	-51.1	110.7	-1207.4	-7492.9	372.8
262	ok	0.13	1.0	5.14e-02	8.3	7.7	6.7	5.7	-85.0	-46.1	98.6	-1065.3	-6647.8	-802.6
263	ok	0.12	1.0	4.98e-02	7.7	7.7	6.2	5.7	-78.8	-49.4	113.8	-1048.9	-6607.2	1716.8
264	ok	0.12	0.7	4.38e-02	7.7	7.7	5.7	5.7	-68.6	-47.0	104.0	-951.6	-4009.6	2600.1
265	ok	0.12	1.0	4.66e-02	8.0	7.7	6.0	5.7	-96.6	-31.0	102.8	-610.0	-4757.2	-1025.8
267	ok	0.12	0.8	4.27e-02	7.7	7.7	5.7	5.7	-93.7	-30.4	91.4	-441.1	-3792.3	-1380.0
269	ok	0.12	0.7	3.65e-02	7.7	7.7	5.7	5.7	-82.0	-26.4	76.9	-271.6	-2627.4	-1547.3
271	ok	0.12	0.4	2.76e-02	7.7	7.7	5.7	5.7	-61.3	-27.4	55.7	-297.6	-1215.1	-1559.2
281	ok	0.12	0.1	1.59e-02	7.7	7.7	5.7	5.7	-29.5	-25.2	19.7	-141.9	-411.7	-330.9
284	ok	0.16	1.0	0.1	8.2	7.7	12.9	5.7	-119.7	-261.0	195.7	-2864.6	-1.427e+04	432.6
285	ok	0.12	0.7	7.76e-02	7.7	7.7	5.7	5.7	18.1	-208.0	140.2	2607.8	3372.3	1652.9
286	ok	0.19	0.9	8.81e-02	18.2	7.7	14.2	5.7	26.1	-127.2	254.5	-6588.7	-1004.7	-895.2
287	ok	0.13	1.0	5.94e-02	7.7	8.5	5.7	6.5	-23.0	-136.9	110.6	5080.6	6918.6	304.3
288	ok	0.18	1.0	0.2	16.3	7.7	7.8	5.7	-79.5	22.1	236.9	-1.295e+04	-2496.3	430.7
289	ok	0.12	0.8	5.22e-02	7.7	7.7	5.7	5.7	-64.4	-78.8	113.2	3302.5	5029.6	-1255.3
290	ok	0.13	1.0	0.2	9.3	7.7	6.3	5.7	-421.9	-206.5	332.4	-1.052e+04	-1929.1	517.4
291	ok	0.12	0.9	0.1	7.7	7.7	5.7	5.7	-9.9	-141.1	78.5	-715.0	-6060.1	-488.0
292	ok	0.13	0.7	0.1	9.3	7.7	7.2	5.7	57.0	-162.5	348.4	1451.7	2502.7	-3537.4
293	ok	0.14	1.0	0.1	9.5	7.7	10.8	5.7	-123.6	-309.2	96.5	-2171.7	-1.247e+04	71.7
294	ok	0.12	0.7	0.1	7.7	7.7	5.7	5.7	33.8	-232.5	199.1	3642.0	4145.9	-2523.9
295	ok	0.16	1.0	0.1	8.6	7.7	13.9	5.7	-149.5	-347.2	100.4	-3008.2	-1.532e+04	410.2
296	ok	0.12	0.6	9.94e-02	7.7	7.7	5.7	5.7	24.0	-246.8	206.2	3317.0	4109.9	-163.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-421.90	-347.16	19.73	-1.295e+04	-1.532e+04	-3537.38
		0.19	0.99	0.18	18.17	9.83	14.24	7.79	223.78	224.35	348.39	6608.81	7589.42	4035.65

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok Av	4.73	0.06	0.21	1.6	5.1	35.9	116.1
3	ok	2.47						
7	ok	4.38						
9	ok Av	4.95	0.16	0.16	4.0	4.0	91.4	90.7
17	ok	4.00						
18	ok Av	12.61	0.46	0.34	11.5	8.5	260.9	192.4
83	ok	3.75						
84	ok Av	5.13	0.10	0.21	2.6	5.3	57.8	120.9
85	ok	3.95						
88	ok Av	6.05	0.24	0.15	5.9	3.8	134.4	86.8
89	ok Av	4.84	0.11	0.19	2.6	4.8	59.5	109.4
90	ok Av	14.05	0.54	0.34	13.5	8.5	306.2	191.4
91	ok Av	9.49	0.34	0.29	8.6	7.3	193.5	164.1
92	ok Av	7.48	0.18	0.31	4.4	7.6	100.1	172.2
119	ok Av	7.28	0.12	0.32	3.0	7.9	68.2	178.6
121	ok Av	6.27	0.10	0.27	2.6	6.6	58.3	150.2
123	ok Av	6.17	0.14	0.25	3.6	6.2	81.3	139.3
125	ok Av	5.08	0.09	0.21	2.4	5.3	53.4	119.3
219	ok Av	4.65	0.20	0.06	5.1	1.5	114.7	33.8
220	ok Av	5.93	0.17	0.21	4.3	5.2	96.5	118.0
221	ok Av	5.53	0.19	0.17	4.7	4.1	107.5	93.2
222	ok Av	5.31	0.21	0.12	5.2	3.1	117.1	69.9
223	ok Av	5.96	0.21	0.17	5.3	4.2	120.3	94.8
235	ok	4.25						
236	ok Av	8.90	0.10	0.40	2.5	10.1	55.8	227.7
237	ok Av	5.44	0.24	0.06	6.0	1.6	135.0	36.2
238	ok Av	8.19	0.18	0.34	4.4	8.4	99.0	190.6
241	ok	3.95						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
261	ok Av	6.67	0.07	0.30	1.9	7.3	42.1	166.3
262	ok Av	6.23	0.10	0.28	2.6	6.9	59.0	156.5
263	ok Av	7.20	0.22	0.24	5.5	6.0	125.3	136.1
264	ok Av	6.22	0.28	0.03	7.0	0.8	159.4	19.2
265	ok Av	5.44	0.14	0.21	3.6	5.3	80.9	119.3
267	ok Av	5.06	0.18	0.16	4.4	3.9	98.7	87.4
269	ok Av	4.52	0.19	0.08	4.7	2.0	106.5	46.1
271	ok	3.51						
281	ok Av	4.65	0.10	0.19	2.4	4.7	55.0	106.1
284	ok Av	8.89	0.10	0.40	2.5	10.0	56.0	226.3
285	ok Av	8.01	0.12	0.34	3.1	8.6	69.2	193.9
286	ok Av	7.45	0.31	0.28	7.6	7.0	172.5	157.6
287	ok Av	4.77	0.12	0.18	2.9	4.6	65.1	103.9
288	ok Av	11.47	0.52	0.05	13.0	1.4	293.2	30.7
289	ok Av	6.97	0.16	0.28	3.9	6.9	87.7	156.1
290	ok Av	9.91	0.41	0.27	10.3	6.8	233.0	153.1
291	ok	3.86						
292	ok Av	11.01	0.36	0.35	8.9	8.8	201.7	198.6
293	ok Av	8.29	0.14	0.35	3.6	8.7	81.5	196.9
294	ok Av	8.57	0.21	0.34	5.2	8.4	117.1	191.0
295	ok Av	9.28	0.04	0.42	1.0	10.5	23.0	237.7
296	ok Av	9.31	0.20	0.37	5.1	9.3	114.5	210.1
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		14.05	0.54	0.42	13.53	10.51	306.15	237.73

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
6	30.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
2	ok	0.12	0.3	5.53e-02	7.7	7.7	5.7	5.7	-90.5	-91.7	113.5	1779.3	716.9	-540.2
4	ok	0.12	0.2	0.0	7.7	7.7	5.7	5.7	174.2	184.8	128.7	-1009.7	43.8	265.8
6	ok	0.12	0.1	2.54e-02	7.7	7.7	5.7	5.7	-24.9	-70.7	38.2	232.6	192.7	340.9
8	ok	0.12	0.4	1.19e-02	7.7	7.7	5.7	5.7	-37.5	134.2	35.3	-129.3	1617.1	-402.4
144	ok	0.13	1.0	6.29e-02	7.7	8.1	5.7	6.7	-75.3	-35.6	171.6	1015.1	6659.3	-496.4
145	ok	0.13	1.0	5.68e-02	7.7	8.5	5.7	6.4	-79.2	-27.7	157.0	841.2	5710.3	811.6
146	ok	0.12	1.0	6.33e-02	7.7	7.7	5.7	5.7	-63.6	-43.1	176.7	965.8	6127.2	-1943.6
147	ok	0.12	0.7	5.63e-02	7.7	7.7	5.7	5.7	-41.6	-48.8	157.2	1081.4	3998.6	-2840.5
163	ok	0.12	0.6	4.62e-02	7.7	7.7	5.7	5.7	-70.1	-14.0	126.3	70.8	1652.4	1891.6
164	ok	0.12	0.4	3.81e-02	7.7	7.7	5.7	5.7	-57.7	-27.7	97.6	222.8	731.2	1810.3
165	ok	0.12	0.8	5.05e-02	7.7	7.7	5.7	5.7	-74.9	-21.2	131.1	408.0	3671.0	1722.8
166	ok	0.12	0.9	5.28e-02	7.7	7.8	5.7	5.8	-74.1	-22.9	144.8	596.1	4767.6	1308.9
167	ok	0.13	0.9	7.01e-02	9.1	7.7	7.1	5.7	-80.2	-68.0	189.0	-4609.5	-6056.9	-530.1
168	ok	0.12	0.9	6.18e-02	7.7	7.7	5.7	5.7	-58.4	-64.3	162.5	-4041.9	-5434.3	1267.3
169	ok	0.14	1.0	8.06e-02	10.7	7.7	8.7	5.7	-110.8	-50.0	212.4	-4380.7	-5372.9	-2340.4
170	ok	0.13	1.0	0.1	9.2	7.7	7.1	5.7	-250.2	-19.1	228.2	-671.1	-2001.2	-3594.2
171	ok	0.14	1.0	0.2	7.7	10.4	5.7	7.1	-383.3	-160.7	334.4	1.169e+04	2233.2	-702.5
172	ok	0.14	1.0	8.46e-02	10.2	7.7	8.1	5.7	-30.0	-141.9	212.2	-6615.0	-7623.4	160.0
173	ok	0.13	1.0	6.70e-02	9.0	7.7	7.0	5.7	-20.1	-130.0	151.6	-5064.8	-6905.8	-319.8
174	ok	0.13	0.9	0.1	9.8	7.7	7.8	5.7	-50.1	-124.8	286.3	-6151.0	-6272.1	432.9
175	ok	0.13	0.4	0.1	9.0	7.7	7.0	5.7	-109.0	-1.5	352.4	-757.3	-1869.7	479.6
176	ok	0.17	1.0	0.1	7.7	16.3	5.7	9.4	-112.3	-11.1	340.6	1.287e+04	2472.2	-504.4
177	ok	0.12	0.6	0.1	7.7	7.7	5.7	5.7	27.9	-251.1	225.9	-3214.2	-3949.4	76.0
178	ok	0.12	0.8	8.36e-02	7.7	7.7	5.7	5.7	22.1	-211.5	163.9	-2495.1	-3189.6	-1703.5
179	ok	0.12	0.6	0.1	7.8	7.7	5.8	5.7	39.2	-233.3	263.0	-3564.2	-4099.6	2532.4
180	ok	0.13	0.7	0.1	7.7	9.7	5.7	7.7	82.0	-113.4	316.1	-1991.2	-2568.4	4231.5
181	ok	0.19	0.8	8.86e-02	7.7	18.3	5.7	15.7	83.2	-84.8	302.9	5673.6	801.4	986.9
182	ok	0.17	1.0	0.1	7.7	8.5	5.7	14.7	-155.4	-334.2	178.5	3161.6	1.603e+04	-362.9
183	ok	0.16	1.0	0.1	7.7	8.3	5.7	13.5	-109.7	-274.3	214.5	3003.7	1.477e+04	-455.2
184	ok	0.15	1.0	0.1	7.7	9.2	5.7	11.6	-142.0	-300.6	182.3	2323.2	1.325e+04	-90.3
185	ok	0.13	1.0	0.1	7.7	8.1	5.7	6.1	-42.8	-133.5	166.0	760.6	6777.7	414.6
186	ok	0.12	0.6	5.62e-02	7.7	7.7	5.7	5.7	-74.5	-53.1	140.7	-1032.8	-2379.9	2357.4
187	ok	0.12	0.5	5.95e-02	7.7	7.7	5.7	5.7	-69.9	-80.0	139.3	659.7	-1134.0	2608.4
188	ok	0.12	0.7	5.62e-02	7.7	7.7	5.7	5.7	-60.3	-59.3	139.5	-2221.4	-3595.7	2467.8
189	ok	0.12	0.8	5.79e-02	7.7	7.7	5.7	5.7	-58.7	-61.1	149.8	-3188.3	-4612.3	2010.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
190	ok	0.12	0.6	5.13e-02	7.7	7.7	5.7	5.7	-29.0	-61.5	104.6	-1444.0	-3084.5	-782.8
191	ok	0.12	0.3	5.31e-02	7.7	7.7	5.7	5.7	-55.0	-42.7	128.5	822.8	-1150.1	-713.5
192	ok	0.12	0.8	5.41e-02	7.7	7.7	5.7	5.7	-22.4	-87.8	109.9	-3045.0	-4624.4	-713.8
193	ok	0.13	1.0	5.99e-02	8.1	7.7	6.0	5.7	-19.3	-111.7	125.0	-4324.9	-5917.0	-608.4
194	ok	0.12	0.8	4.15e-02	7.7	7.7	5.7	5.7	32.4	-74.2	94.9	-678.7	-1252.6	-3540.7
195	ok	0.12	0.8	3.07e-02	7.7	7.7	5.7	5.7	46.1	15.0	83.1	3.9	-326.6	-4028.3
196	ok	0.12	0.8	5.51e-02	7.7	7.7	5.7	5.7	23.5	-135.9	110.2	-1288.3	-1976.0	-3166.4
197	ok	0.12	0.8	6.99e-02	7.7	7.7	5.7	5.7	19.5	-182.1	131.8	-1847.1	-2612.1	-2563.9
198	ok	0.12	1.0	6.25e-02	7.7	7.8	5.7	6.1	-29.3	-124.2	146.0	1564.9	7241.7	-527.5
199	ok	0.12	0.7	3.88e-02	7.7	7.7	5.7	5.7	-21.4	-36.8	113.7	850.9	4003.4	-603.0
200	ok	0.13	1.0	8.09e-02	7.7	8.1	5.7	8.9	-52.9	-190.1	169.0	2184.6	1.028e+04	-476.2
201	ok	0.14	1.0	9.59e-02	7.7	8.2	5.7	11.4	-81.4	-247.1	156.6	2660.2	1.282e+04	-442.7
202	ok	0.12	0.5	7.24e-02	7.7	7.7	5.7	5.7	-58.8	-128.8	127.7	3809.8	120.9	520.7
203	ok	0.12	0.6	6.28e-02	7.7	7.7	5.7	5.7	-53.4	-42.4	153.9	4280.9	295.9	-220.3
204	ok	0.12	0.3	3.40e-02	7.7	7.7	5.7	5.7	-21.7	94.8	152.4	1845.9	390.6	-778.7
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-383.32	-334.24	35.29	-6615.04	-7623.38	-4028.32
		0.19	0.99	0.16	10.70	18.28	8.66	15.73	174.21	184.79	352.37	1.287e+04	1.603e+04	4231.45

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
2	ok Av	5.08	0.09	0.22	2.2	5.4	49.1	121.1
4	ok	2.79						
6	ok	4.42						
8	ok	4.41						
144	ok Av	6.38	0.08	0.28	1.9	7.0	43.3	158.7
145	ok Av	5.92	0.10	0.26	2.5	6.5	56.1	147.5
146	ok Av	7.10	0.22	0.23	5.6	5.8	126.4	131.8
147	ok Av	5.83	0.27	0.04	6.6	0.9	149.7	20.9
163	ok	4.40						
164	ok	3.43						
165	ok Av	4.86	0.18	0.14	4.4	3.5	99.1	78.8
166	ok Av	5.17	0.14	0.20	3.5	4.9	80.0	110.4
167	ok Av	7.24	0.18	0.30	4.6	7.4	103.1	168.3
168	ok Av	6.79	0.15	0.27	3.8	6.7	86.6	151.3
169	ok Av	9.68	0.36	0.29	8.9	7.2	201.1	162.5
170	ok Av	14.28	0.55	0.34	13.8	8.6	311.8	193.7
171	ok Av	10.40	0.43	0.28	10.7	7.0	242.7	157.9
172	ok Av	4.92	0.11	0.20	2.6	4.9	59.7	111.4
173	ok Av	4.86	0.12	0.19	2.9	4.7	65.8	106.3
174	ok Av	6.03	0.24	0.15	5.9	3.8	133.9	86.8
175	ok Av	12.76	0.46	0.35	11.5	8.8	260.0	199.6
176	ok Av	11.24	0.51	0.06	12.7	1.4	287.1	32.8
177	ok Av	9.39	0.20	0.38	5.0	9.4	113.5	213.0
178	ok Av	8.03	0.12	0.35	2.9	8.6	66.3	195.5
179	ok Av	8.78	0.20	0.35	5.0	8.6	113.3	195.0
180	ok Av	10.66	0.33	0.36	8.2	8.9	185.7	201.5
181	ok Av	6.93	0.27	0.28	6.8	6.9	154.5	155.6
182	ok Av	9.46	0.04	0.43	1.0	10.7	22.4	242.6
183	ok Av	8.92	0.09	0.40	2.3	10.0	51.9	226.7
184	ok Av	8.48	0.13	0.36	3.3	9.1	74.0	205.0
185	ok	3.86						
186	ok Av	5.49	0.23	0.12	5.7	2.9	128.3	66.2
187	ok Av	6.02	0.24	0.16	5.9	3.9	133.2	87.7
188	ok Av	5.59	0.20	0.16	5.0	3.9	114.2	88.9
189	ok Av	5.85	0.18	0.20	4.4	5.0	98.8	113.4
190	ok	4.34						
191	ok Av	4.77	0.21	0.07	5.2	1.8	118.4	41.4
192	ok	4.02						
193	ok	4.03						
194	ok	3.95						
195	ok Av	4.99	0.10	0.21	2.5	5.2	55.5	118.7
196	ok Av	5.08	0.09	0.22	2.3	5.4	51.0	121.1
197	ok Av	6.30	0.10	0.27	2.4	6.7	54.5	152.5
198	ok Av	4.88	0.15	0.16	3.8	4.1	87.1	92.1
199	ok	3.69						
200	ok Av	6.15	0.14	0.25	3.4	6.2	76.9	141.0
201	ok Av	7.43	0.11	0.32	2.8	8.0	64.1	181.8
202	ok Av	8.10	0.19	0.33	4.8	8.2	109.6	185.0

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
203	ok Av	5.60	0.25	0.07	6.1	1.8	138.3	40.4
204	ok Av	8.73	0.10	0.40	2.4	9.9	54.9	223.5
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		14.28	0.55	0.43	13.78	10.72	311.82	242.64

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
7	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
66	ok	0.15	0.1	9.29e-02	7.7	7.7	5.7	5.7	-215.5	-133.9	115.1	-456.0	20.0	-28.7
67	ok	0.15	4.76e-02	1.88e-02	7.7	7.7	5.7	5.7	21.0	-1.3	68.3	232.9	95.0	53.0
68	ok	0.22	0.3	0.0	18.7	12.5	10.8	9.8	759.4	360.1	375.7	-1019.9	-106.3	-125.5
69	ok	0.15	0.1	8.20e-02	7.7	7.7	5.7	5.7	-86.3	-125.1	141.7	331.4	-250.1	-102.0
74	ok	0.15	6.53e-02	5.40e-02	7.7	7.7	5.7	5.7	-148.9	49.3	74.9	-86.7	134.8	91.0
77	ok	0.15	0.1	6.10e-02	7.7	7.7	5.7	5.7	-109.7	133.4	159.8	2.7	152.7	106.8
79	ok	0.15	0.1	6.05e-02	7.7	7.7	5.7	5.7	-49.0	137.8	127.2	56.2	237.7	97.8
81	ok	0.15	0.1	5.66e-02	7.7	7.7	5.7	5.7	-52.6	48.9	167.4	-74.3	-437.2	132.3
118	ok	0.15	0.1	5.36e-02	7.7	7.7	5.7	5.7	-39.7	43.9	167.9	-37.3	-294.6	154.0
120	ok	0.15	9.34e-02	5.12e-02	7.7	7.7	5.7	5.7	-29.9	36.8	163.2	5.5	-137.4	172.9
122	ok	0.15	8.14e-02	4.67e-02	7.7	7.7	5.7	5.7	-19.9	30.3	151.2	53.8	7.2	186.9
124	ok	0.15	6.65e-02	3.82e-02	7.7	7.7	5.7	5.7	-11.5	26.9	127.8	103.4	68.4	189.6
205	ok	0.17	0.4	0.1	8.1	11.2	6.1	9.2	313.1	-11.0	450.7	127.0	935.4	112.8
206	ok	0.16	0.3	0.1	8.9	7.7	7.7	5.7	-278.1	337.6	300.6	-206.5	-592.7	75.6
207	ok	0.15	0.2	0.3	7.7	7.7	5.7	5.7	-817.9	-226.2	288.3	-899.3	-236.2	145.7
208	ok	0.15	0.3	7.57e-02	7.7	7.7	5.7	5.7	93.1	-26.3	224.2	-47.3	-130.5	238.5
209	ok	0.15	8.47e-02	9.20e-02	7.7	7.7	5.7	5.7	-125.9	114.2	261.3	-31.1	-143.5	47.9
210	ok	0.15	0.2	6.51e-02	7.7	7.7	5.7	5.7	-12.6	-34.4	182.1	-140.6	-611.8	124.5
211	ok	0.15	7.39e-02	6.80e-02	7.7	7.7	5.7	5.7	-71.7	68.7	204.1	-45.7	-111.4	53.0
212	ok	0.15	0.2	5.02e-02	7.7	7.7	5.7	5.7	78.8	2.2	149.5	57.6	292.8	159.2
213	ok	0.15	6.88e-02	5.72e-02	7.7	7.7	5.7	5.7	-54.0	47.7	142.4	-48.2	-95.8	89.7
224	ok	0.15	0.1	4.31e-02	7.7	7.7	5.7	5.7	69.1	1.6	140.6	21.2	149.9	157.4
225	ok	0.15	6.68e-02	5.66e-02	7.7	7.7	5.7	5.7	-9.7	29.2	175.5	-25.5	-46.1	23.7
226	ok	0.15	0.1	4.10e-02	7.7	7.7	5.7	5.7	53.1	-2.1	131.3	-20.2	-8.48e-02	150.7
227	ok	0.15	6.60e-02	5.67e-02	7.7	7.7	5.7	5.7	-20.6	17.4	169.6	-40.9	-39.5	25.0
228	ok	0.15	0.1	4.24e-02	7.7	7.7	5.7	5.7	42.6	-6.6	124.7	-71.2	-164.0	133.4
229	ok	0.15	6.57e-02	5.82e-02	7.7	7.7	5.7	5.7	-11.4	-5.8	174.2	-46.1	-27.9	62.4
230	ok	0.15	0.1	5.50e-02	7.7	7.7	5.7	5.7	-65.9	-44.0	113.3	-39.3	-439.0	-32.8
231	ok	0.15	7.93e-02	6.48e-02	7.7	7.7	5.7	5.7	-31.9	-45.9	166.0	-156.4	60.8	124.5
240	ok	0.15	6.87e-02	7.00e-02	7.7	7.7	5.7	5.7	-7.4	-50.9	35.9	115.6	207.5	119.0
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-817.92	-226.23	35.88	-1019.93	-611.80	-125.51
		0.22	0.35	0.29	18.73	12.48	10.82	9.78	759.43	360.14	450.72	331.37	935.39	238.50

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
66	ok	1.34						
67	ok	0.87						
68	ok	1.48						
69	ok	1.49						
74	ok	0.79						
77	ok	0.32						
79	ok	0.40						
81	ok	0.38						
118	ok	0.39						
120	ok	0.39						
122	ok	0.43						
124	ok	0.41						
205	ok	2.13						
206	ok	0.68						
207	ok	1.17						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
208	ok	0.58						
209	ok	0.36						
210	ok	0.44						
211	ok	0.37						
212	ok	0.42						
213	ok	0.34						
224	ok	0.33						
225	ok	0.33						
226	ok	0.31						
227	ok	0.35						
228	ok	0.39						
229	ok	0.39						
230	ok	0.65						
231	ok	0.77						
240	ok	1.31						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		2.13						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
1	25.00	1	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
6	ok	0.15	5.91e-02	1.64e-02	7.8	7.8	7.8	7.8	66.6	-41.4	37.9	182.2	-99.0	162.2
7	ok	0.15	0.2	0.0	7.8	7.8	7.8	7.8	114.3	144.0	29.5	-362.4	-549.7	794.4
8	ok	0.15	0.2	0.0	7.8	7.8	7.8	7.8	96.5	136.4	-10.0	-253.5	-260.5	-420.8
16	ok	0.15	0.3	8.52e-03	7.8	7.8	7.8	7.8	288.6	-13.9	31.6	517.8	1427.8	220.6
19	ok	0.15	0.3	0.0	7.8	8.3	7.8	7.8	436.2	2.4	13.7	641.9	1225.0	181.3
21	ok	0.15	0.1	1.83e-04	7.8	7.8	7.8	7.8	354.3	2.1	9.7	-99.7	426.3	73.7
23	ok	0.15	0.1	2.94e-03	7.8	7.8	7.8	7.8	355.3	-1.7	24.6	-356.5	-275.0	40.3
25	ok	0.15	0.1	1.56e-03	7.8	7.8	7.8	7.8	350.5	10.2	36.7	-286.9	-473.9	179.9
26	ok	0.15	0.1	0.0	7.8	7.8	7.8	7.8	395.4	38.3	33.1	106.0	-852.0	88.4
27	ok	0.15	0.2	0.0	7.8	7.8	7.8	7.8	343.5	35.5	5.2	132.6	-962.8	-293.7
28	ok	0.15	0.2	0.0	7.8	7.8	7.8	7.8	245.1	36.9	-12.6	-78.4	-1060.4	-409.0
29	ok	0.15	0.2	0.0	7.8	7.8	7.8	7.8	172.8	31.1	-8.7	74.7	-845.5	-355.9
37	ok	0.15	0.2	0.0	7.8	7.8	7.8	7.8	137.2	55.2	22.3	-99.5	-1110.0	29.0
39	ok	0.15	0.2	7.55e-02	7.8	7.8	7.8	7.8	-106.1	-42.6	122.2	-691.9	-1040.1	244.2
44	ok	0.15	0.2	3.94e-02	7.8	7.8	7.8	7.8	-86.9	-85.6	40.9	-357.7	-1419.3	-18.4
45	ok	0.15	0.2	4.32e-02	7.8	7.8	7.8	7.8	-86.4	-92.5	7.7	-366.9	-1571.9	-70.0
46	ok	0.15	0.2	7.48e-02	7.8	7.8	7.8	7.8	-80.5	-115.4	-63.8	-508.6	-1306.5	-113.6
67	ok	0.15	6.76e-02	1.39e-02	7.8	7.8	7.8	7.8	35.1	-19.2	-30.0	-173.6	375.2	78.4
69	ok	0.15	0.2	0.1	7.8	7.8	7.8	7.8	-1.5	-177.7	-177.9	774.7	1008.5	-296.4
72	ok	0.15	0.2	1.49e-02	7.8	7.8	7.8	7.8	111.8	-0.5	75.7	-234.2	-1165.2	-45.4
86	ok	0.15	9.02e-02	2.18e-02	7.8	7.8	7.8	7.8	-58.1	19.0	-26.2	250.1	394.4	185.9
87	ok	0.15	0.2	6.95e-02	7.8	7.8	7.8	7.8	-110.6	-38.7	-132.2	933.2	808.8	-239.4
126	ok	0.15	0.2	7.78e-02	7.8	7.8	7.8	7.8	-99.6	-69.9	-139.1	687.3	1239.5	-131.1
127	ok	0.15	0.3	9.01e-02	7.8	7.8	7.8	7.8	-154.9	-154.4	-114.2	661.9	2078.0	-315.4
128	ok	0.15	0.8	0.1	7.8	7.8	7.8	7.8	-346.4	-178.1	-26.0	1156.8	5700.3	941.0
202	ok	0.15	0.6	8.48e-02	7.8	7.8	7.8	7.8	-122.2	-116.7	153.1	3824.1	790.5	466.3
203	ok	0.15	0.6	8.97e-02	7.8	7.8	7.8	7.8	-150.6	-58.1	163.4	4437.0	1010.4	-66.4
204	ok	0.15	0.3	4.93e-02	7.8	7.8	7.8	7.8	-66.7	71.7	136.8	1896.0	471.7	-636.7
232	ok	0.15	0.8	0.1	7.8	7.8	7.8	7.8	-416.5	-177.0	-16.9	1190.8	5974.8	-918.2
233	ok	0.16	1.0	0.2	7.8	7.8	7.8	8.7	-526.3	-198.3	-41.7	1578.4	8183.2	-42.3
234	ok	0.15	0.4	5.24e-02	7.8	7.8	7.8	7.8	-143.9	-71.7	-3.5	423.4	2072.1	1336.2
236	ok	0.15	0.3	4.52e-02	7.8	7.8	7.8	7.8	-52.8	78.4	-145.8	1173.1	563.3	972.4
237	ok	0.15	0.5	7.52e-02	7.8	7.8	7.8	7.8	-159.2	-41.8	-100.8	3683.4	955.3	9.9
238	ok	0.15	0.5	5.85e-02	7.8	7.8	7.8	7.8	-115.3	-51.3	-84.9	2969.9	705.2	-775.6
240	ok	0.15	0.1	4.87e-02	7.8	7.8	7.8	7.8	51.8	-38.3	-24.9	492.9	-77.9	168.8
243	ok	0.15	0.2	1.72e-02	7.8	7.8	7.8	7.8	88.3	17.0	90.6	-371.1	-1170.3	98.5
281	ok	0.15	8.59e-02	2.26e-04	7.8	7.8	7.8	7.8	99.0	16.0	-30.8	144.2	-379.9	-319.6
297	ok	0.15	0.2	3.14e-02	7.8	7.8	7.8	7.8	135.0	-54.2	-72.9	-319.8	-666.3	93.3
298	ok	0.15	0.2	9.69e-03	7.8	7.8	7.8	7.8	149.7	-14.0	11.7	-394.1	-1055.3	-114.4
299	ok	0.15	0.2	1.24e-02	7.8	7.8	7.8	7.8	146.1	-16.9	42.6	-339.8	-1084.2	-116.8
308	ok	0.15	0.2	4.79e-02	7.8	7.8	7.8	7.8	-90.8	-73.6	72.3	-373.4	-1342.3	70.4
310	ok	0.15	0.2	1.45e-02	7.8	7.8	7.8	7.8	137.4	-15.9	62.0	-312.6	-1072.8	-97.8

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
312	ok	0.15	0.2	5.76e-02	7.8	7.8	7.8	7.8	-99.8	-53.0	101.4	-598.6	-1368.5	215.7
332	ok	0.15	1.0	0.2	7.8	7.8	7.8	7.9	-468.5	-202.7	-36.6	1493.9	7659.4	363.0
342	ok	0.15	0.4	9.64e-02	7.8	7.8	7.8	7.8	-221.4	-195.6	-104.5	652.1	2830.3	-171.6
343	ok	0.15	0.4	8.75e-02	7.8	7.8	7.8	7.8	-268.2	-173.7	-41.8	729.3	2961.8	-74.2
352	ok	0.15	1.0	0.2	7.8	7.9	7.8	8.0	-511.3	-207.6	-27.2	1517.8	7760.4	-456.4
354	ok	0.15	1.0	0.2	7.8	7.8	7.8	8.5	-528.8	-214.1	-21.3	1574.9	8129.8	-238.5
357	ok	0.15	0.9	0.2	7.8	7.8	7.8	7.8	-475.0	-196.8	-22.6	1393.7	7055.2	-684.9
363	ok	0.15	0.4	8.20e-02	7.8	7.8	7.8	7.8	-261.8	-170.6	-8.9	669.2	2848.4	13.9
375	ok	0.15	0.4	8.15e-02	7.8	7.8	7.8	7.8	-251.1	-163.0	22.2	637.2	2692.5	65.6
376	ok	0.15	0.4	8.55e-02	7.8	7.8	7.8	7.8	-230.3	-146.7	59.2	541.3	2504.2	161.2
377	ok	0.15	0.4	8.76e-02	7.8	7.8	7.8	7.8	-207.7	-126.2	95.4	587.6	2278.1	274.0
380	ok	0.15	0.6	0.1	7.8	7.8	7.8	7.8	-321.0	-136.6	-10.2	854.8	4263.7	-1153.6
381	ok	0.15	0.4	6.49e-02	7.8	7.8	7.8	7.8	-191.9	-67.4	-4.2	430.5	2171.3	-1314.2
382	ok	0.15	0.2	1.99e-02	7.8	7.8	7.8	7.8	-39.2	37.9	-7.3	29.3	212.8	-1268.8
408	ok	0.15	0.3	8.73e-02	7.8	7.8	7.8	7.8	-174.2	-85.4	137.3	520.7	1684.4	376.3
409	ok	0.15	0.1	7.60e-02	7.8	7.8	7.8	7.8	-103.5	-18.4	159.7	374.5	-29.0	402.0
410	ok	0.15	0.2	2.57e-02	7.8	7.8	7.8	7.8	34.5	40.9	115.9	-269.1	-741.6	-123.5
411	ok	0.15	0.2	8.45e-02	7.8	7.8	7.8	7.8	-134.7	-35.5	166.6	683.0	1215.7	222.9
412	ok	0.15	0.2	8.40e-02	7.8	7.8	7.8	7.8	-120.3	4.5	187.1	913.9	470.2	337.8
413	ok	0.15	0.1	3.82e-02	7.8	7.8	7.8	7.8	-23.5	36.9	105.6	502.6	157.5	-271.9
414	ok	0.15	0.2	7.39e-02	7.8	7.8	7.8	7.8	-77.0	11.4	183.6	921.4	960.3	-487.0
415	ok	0.15	0.3	8.98e-02	7.8	7.8	7.8	7.8	-147.2	1.5	187.0	2040.4	853.7	201.6
416	ok	0.15	0.3	5.94e-02	7.8	7.8	7.8	7.8	-78.7	5.0	123.1	1532.7	419.1	310.0
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-528.76	-214.07	-177.88	-691.90	-1571.86	-1314.19
		0.16	0.99	0.17	7.78	8.26	7.78	8.70	436.21	144.02	187.11	4436.98	8183.16	1336.24

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
6	ok	0.79						
7	ok	1.96						
8	ok	2.73						
16	ok	1.34						
19	ok	1.54						
21	ok	0.49						
23	ok	0.26						
25	ok	0.48						
26	ok	0.79						
27	ok	0.97						
28	ok	1.37						
29	ok	2.47						
37	ok	2.21						
39	ok	2.44						
44	ok	1.73						
45	ok	2.02						
46	ok	2.04						
67	ok	1.68						
69	ok	1.46						
72	ok	1.09						
86	ok	2.48						
87	ok	1.52						
126	ok	3.12						
127	ok	2.88						
128	ok	2.29						
202	ok	2.95						
203	ok	2.48						
204	ok	3.81						
232	ok	2.39						
233	ok	2.52						
234	ok	2.49						
236	ok	2.39						
237	ok	1.91						
238	ok	1.85						
240	ok	0.54						
243	ok	1.13						
281	ok	1.10						
297	ok	1.79						
298	ok	1.33						
299	ok	0.92						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
308	ok	1.58						
310	ok	1.01						
312	ok	1.67						
332	ok	2.48						
342	ok	2.68						
343	ok	2.80						
352	ok	2.64						
354	ok	2.79						
357	ok	2.55						
363	ok	2.36						
375	ok	2.49						
376	ok	2.56						
377	ok	2.60						
380	ok	1.92						
381	ok	1.57						
382	ok	3.02						
408	ok	2.64						
409	ok	1.11						
410	ok	1.34						
411	ok	2.38						
412	ok	1.30						
413	ok	1.91						
414	ok	3.25						
415	ok	2.57						
416	ok	3.33						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		3.81						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
8	50.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.09	0.2	0.0	15.6	15.6	15.6	15.6	118.9	64.4	-17.5	-2381.7	930.7	-1487.2
2	ok	0.09	0.1	0.0	15.6	15.6	15.6	15.6	60.3	55.0	2.6	-2024.6	933.0	395.2
3	ok	0.09	0.2	1.72e-02	15.6	15.6	15.6	15.6	59.2	93.0	187.4	999.6	-803.5	-2404.9
4	ok	0.09	0.3	2.01e-02	15.6	15.6	15.6	15.6	78.5	128.1	-232.6	1178.9	-1532.5	1423.0
42	ok	0.09	0.2	6.38e-02	15.6	15.6	15.6	15.6	-219.9	-186.8	-43.3	3247.1	6708.9	-1241.9
51	ok	0.09	0.3	4.97e-02	15.6	15.6	15.6	15.6	-179.2	-195.0	-20.9	2143.2	9058.5	-52.9
58	ok	0.09	0.4	7.80e-02	15.6	15.6	15.6	15.6	-161.2	-207.4	229.5	2899.7	1.213e+04	1242.2
63	ok	0.09	0.3	6.12e-02	15.6	15.6	15.6	15.6	-188.6	-243.7	20.5	2558.7	9918.5	513.1
66	ok	0.09	0.1	7.59e-02	15.6	15.6	15.6	15.6	-421.4	-34.3	-36.0	-2329.0	-385.1	-1836.9
68	ok	0.09	0.6	6.28e-02	15.6	15.6	15.6	15.6	-318.2	110.1	141.4	8152.5	1.507e+04	1303.3
70	ok	0.09	0.2	0.2	15.6	15.6	15.6	15.6	-969.2	-41.3	-33.7	3277.3	3810.4	-683.3
76	ok	0.09	0.1	0.1	15.6	15.6	15.6	15.6	-779.7	-38.3	-93.0	2094.7	1696.6	-1515.0
96	ok	0.09	0.2	0.1	15.6	15.6	15.6	15.6	-785.1	-1.1	5.9	2782.5	5165.2	890.0
104	ok	0.09	0.2	0.2	15.6	15.6	15.6	15.6	-936.2	-3.4	-14.3	3007.3	4938.1	-344.1
109	ok	0.09	0.2	0.1	15.6	15.6	15.6	15.6	-909.2	4.2	-14.5	2830.8	5270.6	359.8
114	ok	0.09	0.2	0.1	15.6	15.6	15.6	15.6	-860.9	2.0	0.3	2814.2	5310.9	566.1
133	ok	0.09	0.2	0.1	15.6	15.6	15.6	15.6	-653.1	4.7	6.2	2573.3	4893.8	1446.8
138	ok	0.09	0.2	7.44e-02	15.6	15.6	15.6	15.6	-475.1	12.5	-6.2	2030.3	4175.8	1972.8
143	ok	0.09	0.1	3.73e-02	15.6	15.6	15.6	15.6	-240.7	15.7	-17.9	589.7	2678.7	2175.4
171	ok	0.09	0.4	9.12e-02	15.6	15.6	15.6	15.6	-331.4	-119.5	-120.5	-1.300e+04	207.9	-1744.0
176	ok	0.09	0.4	0.1	15.6	15.6	15.6	15.6	-389.1	-212.2	-176.5	-1.471e+04	-2621.1	-1865.1
181	ok	0.09	0.3	8.71e-02	15.6	15.6	15.6	15.6	-235.3	-83.3	-400.6	-6946.4	-4901.0	391.4
207	ok	0.09	0.2	6.92e-02	15.6	15.6	15.6	15.6	-378.4	-14.5	81.6	-294.7	5728.1	-934.4
250	ok	0.09	0.1	5.79e-02	15.6	15.6	15.6	15.6	-375.1	-29.4	-22.8	2271.6	1106.8	-1341.1
253	ok	0.09	0.7	4.94e-02	15.6	15.6	15.6	15.6	280.6	-310.7	-81.5	-5469.4	-2.159e+04	1033.3
258	ok	0.09	0.8	5.56e-02	15.6	15.6	15.6	15.6	315.4	-348.2	96.1	-7131.3	-2.747e+04	-736.2
275	ok	0.09	0.4	2.80e-02	15.6	15.6	15.6	15.6	164.9	-173.3	55.7	-4179.1	-1.152e+04	-2220.3
286	ok	0.09	0.2	6.51e-02	15.6	15.6	15.6	15.6	-244.3	-48.1	259.4	-7084.8	-4010.6	-229.8
288	ok	0.09	0.5	9.11e-02	15.6	15.6	15.6	15.6	-395.4	-217.1	104.7	-1.490e+04	-2704.8	2599.5
290	ok	0.09	0.4	7.75e-02	15.6	15.6	15.6	15.6	-322.4	-148.3	60.2	-1.269e+04	-294.9	1830.0
309	ok	0.09	0.3	5.16e-02	15.6	15.6	15.6	15.6	-187.6	-177.7	-55.4	2444.7	8761.9	-504.5
313	ok	0.09	0.3	5.40e-02	15.6	15.6	15.6	15.6	-201.9	-131.7	-91.2	3243.6	8818.8	-928.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
323	ok	0.09	0.7	5.11e-02	15.6	15.6	15.6	15.6	147.7	-320.7	76.6	-5060.0	-2.203e+04	-1147.0
333	ok	0.09	0.8	5.49e-02	15.6	15.6	15.6	15.6	219.2	-332.0	82.7	-5876.1	-2.630e+04	-1119.7
353	ok	0.09	0.8	5.67e-02	15.6	15.6	15.6	15.6	294.8	-362.2	-62.2	-6130.5	-2.644e+04	209.2
359	ok	0.09	0.7	5.40e-02	15.6	15.6	15.6	15.6	287.3	-342.4	-72.2	-5812.3	-2.448e+04	585.2
360	ok	0.09	0.8	6.12e-02	15.6	15.6	15.6	15.6	301.9	-375.9	77.7	-6512.4	-2.750e+04	-461.0
387	ok	0.09	0.6	4.15e-02	15.6	15.6	15.6	15.6	270.7	-258.0	-81.3	-4972.9	-1.712e+04	1762.7
392	ok	0.09	0.4	2.87e-02	15.6	15.6	15.6	15.6	258.4	-170.7	-84.3	-4522.4	-1.144e+04	2570.9
397	ok	0.09	0.4	1.84e-02	15.6	15.6	15.6	15.6	235.4	-62.9	19.8	-3516.2	-5205.8	3077.9
417	ok	0.09	0.4	5.87e-02	15.6	15.6	15.6	15.6	-84.3	-63.9	-124.1	-5423.2	-9211.0	-3120.6
418	ok	0.09	0.3	8.15e-02	15.6	15.6	15.6	15.6	-344.7	-161.3	-261.7	-2628.9	561.2	-3862.9
419	ok	0.09	0.4	8.99e-02	15.6	15.6	15.6	15.6	-402.2	-77.5	-249.3	3006.5	9019.7	-765.0
420	ok	0.09	0.4	6.53e-02	15.6	15.6	15.6	15.6	44.1	-245.6	-11.6	-3475.4	-1.332e+04	-698.9
421	ok	0.09	0.4	6.47e-02	15.6	15.6	15.6	15.6	39.9	-238.9	-33.8	-3112.0	-1.331e+04	-1096.7
422	ok	0.09	0.4	6.28e-02	15.6	15.6	15.6	15.6	27.3	-225.0	-53.1	-3021.1	-1.335e+04	-1773.5
423	ok	0.09	0.4	6.03e-02	15.6	15.6	15.6	15.6	5.4	-165.4	-33.2	-3543.3	-1.263e+04	-2478.9
424	ok	0.09	0.3	6.86e-02	15.6	15.6	15.6	15.6	-147.8	21.4	-172.9	-7464.3	-6683.2	-2328.3
425	ok	0.09	0.3	9.97e-02	15.6	15.6	15.6	15.6	-346.5	27.2	-302.5	-7234.0	-1796.4	-5098.3
426	ok	0.09	0.4	9.58e-02	15.6	15.6	15.6	15.6	-406.5	-141.2	-323.4	-2255.5	4150.5	-3048.3
427	ok	0.09	0.5	8.71e-02	15.6	15.6	15.6	15.6	-422.5	38.6	-184.5	4880.1	1.320e+04	273.2
428	ok	0.09	0.5	8.89e-02	15.6	15.6	15.6	15.6	-490.9	-127.5	141.4	7123.9	1.270e+04	2511.8
429	ok	0.09	0.6	8.70e-02	15.6	15.6	15.6	15.6	-515.7	-214.7	-68.3	5756.9	1.495e+04	746.4
430	ok	0.09	0.5	8.61e-02	15.6	15.6	15.6	15.6	-458.8	0.3	-100.5	4690.3	1.450e+04	443.0
431	ok	0.09	0.4	5.76e-02	15.6	15.6	15.6	15.6	-32.3	-126.8	-92.1	-4119.8	-1.085e+04	-3078.7
432	ok	0.09	0.5	8.67e-02	15.6	15.6	15.6	15.6	-498.9	-156.7	-98.4	4641.5	1.445e+04	-148.0
433	ok	0.09	0.3	7.13e-02	15.6	15.6	15.6	15.6	-258.7	-145.5	-208.1	1086.2	3369.8	-2699.8
434	ok	0.09	0.5	8.79e-02	15.6	15.6	15.6	15.6	-387.6	71.0	-238.0	4491.6	1.168e+04	442.1
435	ok	0.09	0.4	7.54e-02	15.6	15.6	15.6	15.6	-33.4	-371.6	-26.1	-2213.9	-1.171e+04	383.1
436	ok	0.09	0.5	8.64e-02	15.6	15.6	15.6	15.6	-481.7	-122.9	-112.9	4896.0	1.399e+04	-234.8
437	ok	0.09	0.4	8.83e-02	15.6	15.6	15.6	15.6	-379.3	-42.2	48.3	4486.4	7782.7	-2025.7
438	ok	0.09	0.3	8.30e-02	15.6	15.6	15.6	15.6	-336.4	-176.4	48.6	-4310.1	1413.6	2970.5
439	ok	0.09	0.4	6.17e-02	15.6	15.6	15.6	15.6	-122.6	-3.0	83.5	-5865.1	-7679.8	4524.9
440	ok	0.09	0.4	6.11e-02	15.6	15.6	15.6	15.6	-14.7	-44.6	164.2	-974.6	-9654.5	3557.8
441	ok	0.09	0.5	7.15e-02	15.6	15.6	15.6	15.6	48.1	-193.2	8.2	-4114.8	-1.350e+04	-361.6
442	ok	0.09	6.10e-02	1.01e-02	15.6	15.6	15.6	15.6	-13.0	7.2	-5.2	1610.9	75.9	-149.9
443	ok	0.09	4.03e-02	9.98e-03	15.6	15.6	15.6	15.6	-32.2	5.8	6.3	1042.6	24.3	15.9
444	ok	0.09	0.4	0.0	15.6	15.6	15.6	15.6	391.6	12.1	36.8	-1139.9	-19.5	201.9
445	ok	0.09	0.5	0.0	15.6	15.6	15.6	15.6	449.1	18.2	-54.8	-1957.3	-153.6	-250.0
446	ok	0.09	0.4	9.99e-04	15.6	15.6	15.6	15.6	334.3	17.6	14.4	-3303.6	-46.6	-109.2
447	ok	0.09	0.3	7.30e-04	15.6	15.6	15.6	15.6	234.1	12.7	-30.8	-508.1	4.1	-497.7
448	ok	0.09	0.3	1.69e-04	15.6	15.6	15.6	15.6	334.5	14.1	-25.9	-693.0	-26.7	-371.3
449	ok	0.09	0.4	0.0	15.6	15.6	15.6	15.6	475.8	11.5	50.0	-847.6	10.3	58.9
450	ok	0.09	0.4	0.0	15.6	15.6	15.6	15.6	406.8	11.8	35.6	-868.7	-10.6	150.7
451	ok	0.09	0.4	1.15e-03	15.6	15.6	15.6	15.6	495.7	14.3	-53.0	-1063.1	-46.6	-46.7
452	ok	0.09	0.4	0.0	15.6	15.6	15.6	15.6	375.2	12.1	34.8	-1591.2	-23.6	271.9
453	ok	0.09	0.4	6.92e-06	15.6	15.6	15.6	15.6	359.5	13.0	33.5	-2304.8	-21.8	346.2
454	ok	0.09	0.3	0.0	15.6	15.6	15.6	15.6	292.4	18.3	25.8	-2381.1	-14.5	374.8
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-969.24	-375.88	-400.55	-1.490e+04	-2.750e+04	-5098.27
		0.09	0.84	0.16	15.56	15.56	15.56	15.56	495.72	128.06	259.37	8152.53	1.507e+04	4524.92

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok	1.57						
2	ok	1.67						
3	ok	1.96						
4	ok	2.43						
42	ok Av	6.00	0.18	0.24	4.5	5.9	180.5	236.8
51	ok Av	4.84	0.07	0.21	1.8	5.3	73.2	210.2
58	ok Av	5.22	0.13	0.21	3.2	5.2	127.7	206.2
63	ok Av	5.08	0.12	0.21	2.9	5.2	114.4	206.6
66	ok	1.65						
68	ok Av	11.10	0.39	0.42	9.8	10.4	390.5	416.2
70	ok	3.86						
76	ok	3.03						
96	ok	2.57						
104	ok	3.39						
109	ok	2.94						
114	ok	2.82						
133	ok	2.65						

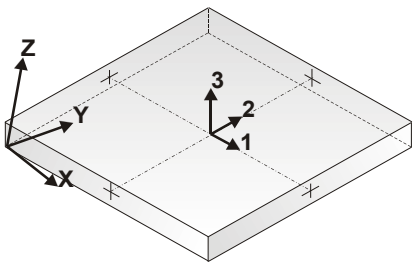
Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
138	ok	2.57						
143	ok	2.38						
171	ok Av	6.42	0.27	0.16	6.7	3.9	267.7	157.7
176	ok Av	6.50	0.21	0.21	5.1	5.3	203.9	213.4
181	ok	2.80						
207	ok	3.58						
250	ok	2.84						
253	ok	2.91						
258	ok Av	4.57	0.19	0.19	4.7	4.9	187.8	194.0
275	ok Av	4.51	0.20	0.04	5.0	1.1	200.3	42.6
286	ok	2.16						
288	ok Av	5.04	0.21	0.10	5.2	2.5	206.2	99.2
290	ok	3.90						
309	ok Av	4.87	0.07	0.21	1.8	5.3	72.9	211.2
313	ok Av	5.35	0.08	0.24	1.9	6.0	76.6	238.8
323	ok Av	4.65	0.21	0.02	5.3	0.6	210.5	24.0
333	ok Av	4.39	0.20	0.17	4.9	4.2	197.4	166.8
353	ok	3.44						
359	ok	3.18						
360	ok	3.66						
387	ok	2.93						
392	ok	3.26						
397	ok	3.26						
417	ok	2.93						
418	ok Av	4.46	0.16	0.12	4.0	3.1	160.9	123.2
419	ok Av	5.64	0.21	0.14	5.3	3.6	212.3	143.2
420	ok Av	5.20	0.08	0.22	2.0	5.6	80.6	223.1
421	ok Av	5.04	0.08	0.22	2.0	5.4	79.8	215.5
422	ok Av	4.67	0.08	0.20	2.0	5.0	79.2	198.7
423	ok Av	4.49	0.11	0.17	2.7	4.3	108.4	172.8
424	ok	2.25						
425	ok Av	5.34	0.20	0.14	5.0	3.4	201.3	134.9
426	ok Av	7.94	0.28	0.23	7.0	5.8	279.0	233.2
427	ok	3.99						
428	ok Av	5.15	0.21	0.16	5.2	4.1	209.5	163.5
429	ok Av	5.59	0.20	0.19	5.0	4.8	198.4	193.6
430	ok	3.92						
431	ok	3.89						
432	ok	3.79						
433	ok Av	4.36	0.14	0.14	3.6	3.5	142.1	140.0
434	ok Av	4.58	0.17	0.13	4.1	3.2	165.0	126.3
435	ok Av	6.96	0.16	0.27	4.0	6.8	161.0	272.9
436	ok	3.86						
437	ok Av	7.12	0.25	0.22	6.2	5.4	247.2	214.1
438	ok Av	5.98	0.21	0.18	5.2	4.4	207.3	175.2
439	ok Av	5.14	0.19	0.14	4.7	3.5	187.8	141.1
440	ok Av	6.04	0.20	0.20	4.9	4.9	196.2	194.4
441	ok Av	5.89	0.11	0.25	2.7	6.2	109.3	248.8
442	ok	3.45						
443	ok	1.40						
444	ok	3.46						
445	ok	3.64						
446	ok Av	8.07	0.37	0.02	9.1	0.6	365.5	22.7
447	ok Av	5.88	0.27	0.02	6.7	0.6	265.9	22.3
448	ok Av	5.25	0.24	0.02	5.9	0.5	237.3	20.7
449	ok	1.92						
450	ok	2.60						
451	ok	2.22						
452	ok Av	4.95	0.22	0.02	5.6	0.6	223.4	23.5
453	ok Av	6.26	0.28	0.02	7.1	0.6	283.1	23.4
454	ok Av	6.03	0.27	0.02	6.8	0.5	273.2	20.5
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		11.10	0.39	0.42	9.77	10.41	390.48	416.20

TABULATO DI CALCOLO RELATIVO AI LOCALI ACCESSORI (VASCA DI COMPENSAZIONE)

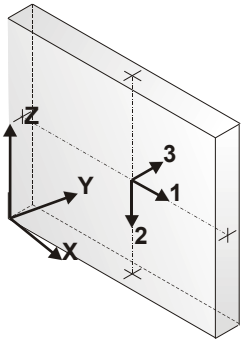
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.
Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 3D non verticali



orientamento elementi 3D verticali

In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: *Guscio* (elemento guscio in elevazione non verticale) *Guscio fond.* (elemento guscio su suolo elastico) *Setto* (elemento guscio in elevazione verticale) *Membrana* (elemento guscio con comportamento membranale)
Nodo I (J, K, L)	numero del nodo I (J, K, L)
Mat.	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico verticale
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

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

Test N°	Titolo
8	MENSOLE CON ELEMENTI PLATE E MATERIALE ORTOTROPO
10	PIASTRA CON ELEMENTI PLATE E MATERIALE ORTOTROPO
21	DRILLING
25	TENSIONI DI ELEMENTI PLATE
31	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON PUNTI FISSI IMPORTATA DA FILE .DXF
32	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON SEGMENTI E FORI INTERNI IMPORTATA DA FILE .DXF
33	REALIZZAZIONE DI MESH PIANE SU GEOMETRIE COSTRUITE IN PRO_SAP
34	ANALISI DI BUCKLING DI PIASTRA ISOTROPA
35	ANALISI DI BUCKLING DI UN CILINDRO COMPRESSO INCASTRATO ALLA BASE
36	ANALISI DI PARETI FORATE
37	BIMETALLIC STRIP (NAFEMS EXERCISE 6)
38	ANALISI ELASTICA DI PIASTRA CON INTAGLIO CIRCOLARE (FLAT BAR WITH EDGE NOTCHES-NAFEMS EXERCISE 9)
39	PLATEA NERVATA
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
							cm		daN/cm3	daN/cm3
1	Setto	2	14	15	10	1	25.0			
2	Setto	10	15	19	17	1	25.0			
3	Setto	17	19	23	21	1	25.0			
4	Setto	21	23	24	6	1	25.0			
5	Setto	14	28	29	15	1	25.0			
6	Setto	15	29	33	19	1	25.0			
7	Setto	19	33	37	23	1	25.0			
8	Setto	23	37	38	24	1	25.0			
9	Setto	28	4	12	29	1	25.0			
10	Setto	29	12	47	33	1	25.0			
11	Setto	33	47	51	37	1	25.0			
12	Setto	37	51	8	38	1	25.0			
13	Setto	1	13	59	9	1	25.0			
14	Setto	9	59	63	61	1	25.0			
15	Setto	61	63	67	65	1	25.0			
16	Setto	65	67	68	5	1	25.0			
17	Setto	13	72	73	59	1	25.0			
18	Setto	59	73	77	63	1	25.0			
19	Setto	63	77	81	67	1	25.0			
20	Setto	67	81	82	68	1	25.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
21	Setto	72	3	11	73	1	25.0			
22	Setto	73	11	91	77	1	25.0			
23	Setto	77	91	95	81	1	25.0			
24	Setto	81	95	7	82	1	25.0			
25	Setto	9	99	97	1	1	25.0			
26	Setto	61	20	99	9	1	25.0			
27	Setto	65	25	20	61	1	25.0			
28	Setto	5	98	25	65	1	25.0			
29	Setto	98	27	39	25	1	25.0			
30	Setto	25	39	35	20	1	25.0			
31	Setto	20	35	30	99	1	25.0			
32	Setto	99	30	26	97	1	25.0			
33	Setto	30	53	50	26	1	25.0			
34	Setto	35	57	53	30	1	25.0			
35	Setto	39	60	57	35	1	25.0			
36	Setto	27	52	60	39	1	25.0			
37	Setto	52	64	76	60	1	25.0			
38	Setto	60	76	74	57	1	25.0			
39	Setto	57	74	66	53	1	25.0			
40	Setto	53	66	62	50	1	25.0			
41	Setto	66	92	89	62	1	25.0			
42	Setto	74	100	92	66	1	25.0			
43	Setto	76	18	100	74	1	25.0			
44	Setto	64	90	18	76	1	25.0			
45	Setto	90	6	21	18	1	25.0			
46	Setto	18	21	17	100	1	25.0			
47	Setto	100	17	10	92	1	25.0			
48	Setto	92	10	2	89	1	25.0			
49	Setto	11	85	83	3	1	25.0			
50	Setto	91	93	85	11	1	25.0			
51	Setto	95	96	93	91	1	25.0			
52	Setto	7	84	96	95	1	25.0			
53	Setto	84	22	42	96	1	25.0			
54	Setto	96	42	40	93	1	25.0			
55	Setto	93	40	31	85	1	25.0			
56	Setto	85	31	16	83	1	25.0			
57	Setto	31	70	58	16	1	25.0			
58	Setto	40	79	70	31	1	25.0			
59	Setto	42	86	79	40	1	25.0			
60	Setto	22	69	86	42	1	25.0			
61	Setto	69	88	44	86	1	25.0			
62	Setto	86	44	41	79	1	25.0			
63	Setto	79	41	94	70	1	25.0			
64	Setto	70	94	87	58	1	25.0			
65	Setto	94	32	78	87	1	25.0			
66	Setto	41	45	32	94	1	25.0			
67	Setto	44	48	45	41	1	25.0			
68	Setto	88	80	48	44	1	25.0			
69	Setto	80	8	51	48	1	25.0			
70	Setto	48	51	47	45	1	25.0			
71	Setto	45	47	12	32	1	25.0			
72	Setto	32	12	4	78	1	25.0			
73	Guscio	5	98	46	68	1	25.0			
74	Guscio	68	46	49	82	1	25.0			
75	Guscio	82	49	84	7	1	25.0			
76	Guscio	98	27	54	46	1	25.0			
77	Guscio	46	54	55	49	1	25.0			
78	Guscio fond.	108	28	4	78	1	25.0		10.00	1.00
79	Guscio	55	56	69	22	1	25.0			
80	Guscio	54	71	56	55	1	25.0			
81	Guscio	27	52	71	54	1	25.0			
82	Guscio	52	64	75	71	1	25.0			
83	Guscio	71	75	34	56	1	25.0			
84	Guscio	56	34	88	69	1	25.0			
85	Guscio	34	36	80	88	1	25.0			
86	Guscio	75	43	36	34	1	25.0			
87	Guscio	64	90	43	75	1	25.0			
88	Guscio	90	6	24	43	1	25.0			
89	Guscio	43	24	38	36	1	25.0			
90	Guscio	36	38	8	80	1	25.0			
91	Guscio fond.	1	97	101	13	1	25.0		10.00	1.00
92	Guscio fond.	13	101	102	72	1	25.0		10.00	1.00
93	Guscio fond.	72	102	83	3	1	25.0		10.00	1.00

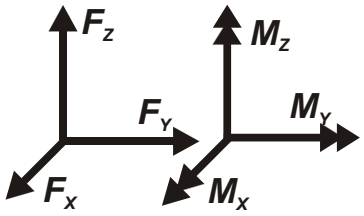
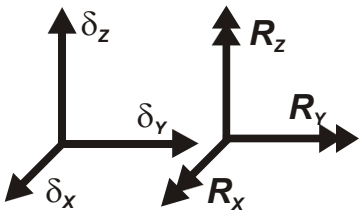
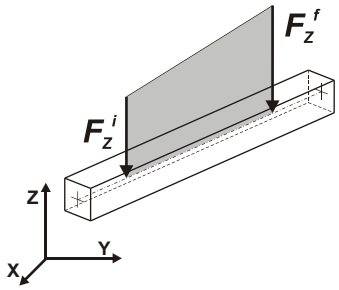
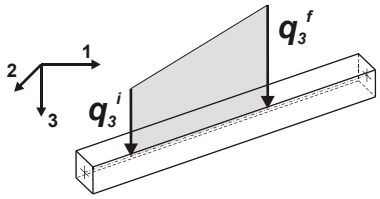
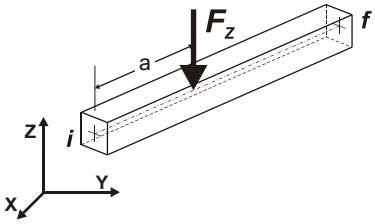
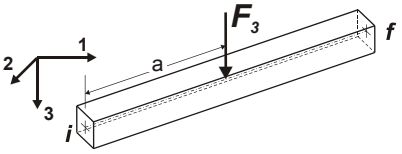
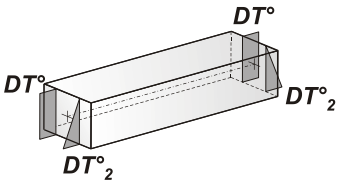
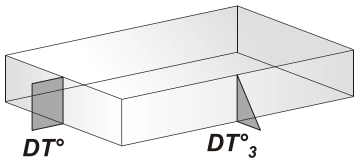
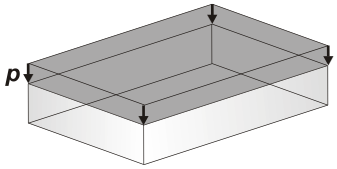
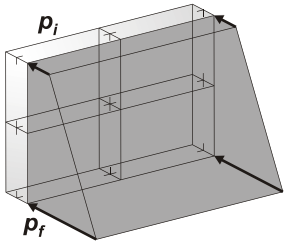
Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
94	Guscio fond.	97	26	104	101	1	25.0		10.00	1.00
95	Guscio fond.	101	104	105	102	1	25.0		10.00	1.00
96	Guscio fond.	102	105	16	83	1	25.0		10.00	1.00
97	Guscio fond.	105	106	58	16	1	25.0		10.00	1.00
98	Guscio fond.	104	103	106	105	1	25.0		10.00	1.00
99	Guscio fond.	26	50	103	104	1	25.0		10.00	1.00
100	Guscio fond.	50	62	109	103	1	25.0		10.00	1.00
101	Guscio fond.	103	109	107	106	1	25.0		10.00	1.00
102	Guscio fond.	106	107	87	58	1	25.0		10.00	1.00
103	Guscio fond.	107	108	78	87	1	25.0		10.00	1.00
104	Guscio fond.	109	110	108	107	1	25.0		10.00	1.00
105	Guscio fond.	62	89	110	109	1	25.0		10.00	1.00
106	Guscio fond.	89	2	14	110	1	25.0		10.00	1.00
107	Guscio fond.	110	14	28	108	1	25.0		10.00	1.00

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

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

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

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

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
10	Neve	-0.03

Tipo	carico di pressione variabile su piastra

Id	Tipo	pressione	quota	pressione	quota
		daN/cm2	cm	daN/cm2	cm
6	spinta terreno a riposo -Y	0.0	375.00	-2.46	0.0
7	spinta terreno a riposo Y	0.0	375.00	2.46	0.0
8	spinta terreno a riposo -X	0.0	375.00	-2.46	0.0

Id	Tipo	pressione	quota	pressione	quota
9	spinta terreno a riposo X	0.0	375.00	2.46	0.0

Tipo	carico variabile generale

Id	Tipo	ascissa	valore	ascissa	valore
		cm	daN/cm2	cm	daN/cm2
1	massa sismica acqua su fondazione				
	Unif. Qz Area L2=0.0		-0.25		
2	massa sismica acqua su parete X				
	Z - Z Qy Area L2=0.0	0.0	0.02	250.00	0.0
3	massa sismica acqua su parete -X				
	Z - Z Qy Area L2=0.0	0.0	-0.02	250.00	0.0
4	massa sismica acqua su parete -Y				
	Z - Z Qx Area L2=0.0	0.0	-0.02	250.00	0.0
5	massa sismica acqua su parete Y				
	Z - Z Qx Area L2=0.0	0.0	0.02	250.00	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

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

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

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

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

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

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

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

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 10 CDC=G1k (permanente generico) .....
			partecipazione:0.80 per 11 CDC=Qk (variabile generico) .....
			partecipazione:1.00 per 12 CDC=G1k (permanente generico) Terreno
3	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
4	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
5	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
6	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
7	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
8	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
9	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
10	Gk	CDC=G1k (permanente generico)	D3 :da 1 a 2 Azione : massa sismica acqua su parete Y
			D3 :da 3 a 4 Azione : massa sismica acqua su parete -Y
			D3 :da 5 a 6 Azione : massa sismica acqua su parete Y
			D3 :da 7 a 8 Azione : massa sismica acqua su parete -Y
			D3 :da 9 a 10 Azione : massa sismica acqua su parete Y
			D3 :da 11 a 24 Azione : massa sismica acqua su parete -Y
			D3 :da 25 a 48 Azione : massa sismica acqua su parete -X
			D3 :da 49 a 72 Azione : massa sismica acqua su parete X
			D3 : 78 Azione : massa sismica acqua su fondazione
			D3 :da 91 a 107 Azione : massa sismica acqua su fondazione
11	Qk	CDC=Qk (variabile generico)	D3 :da 73 a 77 Azione : Neve
			D3 :da 79 a 90 Azione : Neve
12	Gk	CDC=G1k (permanente generico) Terreno	D3 :da 1 a 12 Azione : spinta terreno a riposo -Y
			D3 :da 13 a 24 Azione : spinta terreno a riposo Y
			D3 :da 25 a 48 Azione : spinta terreno a riposo X
			D3 :da 49 a 72 Azione : spinta terreno a riposo -X

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

***Combinazione fondamentale** SLU*

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

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

$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

***Combinazione frequente** SLE*

$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione quasi permanente** SLE*

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

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

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

NTC 2018 Tabella 2.6.I

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

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 (SLV sism.) 5	
6	SLU	Comb. SLU A1 (SLV sism.) 6	

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

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	0.0	1.30		
2	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30	1.50	1.30		
3	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.30		
4	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	1.50	1.00		
5	1.00	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
6	1.00	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
7	1.00	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
8	1.00	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
9	1.00	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
10	1.00	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
11	1.00	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
12	1.00	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
13	1.00	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
14	1.00	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
15	1.00	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
16	1.00	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
17	1.00	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
18	1.00	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
19	1.00	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
20	1.00	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
21	1.00	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
22	1.00	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
23	1.00	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
24	1.00	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
25	1.00	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
26	1.00	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
27	1.00	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
28	1.00	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
29	1.00	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
30	1.00	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
31	1.00	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
32	1.00	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
33	1.00	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
34	1.00	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
35	1.00	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
36	1.00	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	1.00	0.80	1.00		
37	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	1.00	0.80	1.00		
38	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	1.00	0.80	1.00		
39	1.00	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	1.00	0.80	1.00		
40	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	1.00	0.80	1.00		
41	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	1.00	0.80	1.00		
42	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	1.00	0.80	1.00		
43	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	1.00	0.80	1.00		
44	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	1.00	0.80	1.00		
45	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0	1.00	0.80	1.00		
46	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0	1.00	0.80	1.00		
47	1.00	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0	1.00	0.80	1.00		
48	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	1.00	0.80	1.00		
49	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	1.00	0.80	1.00		
50	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	1.00	0.80	1.00		
51	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	1.00	0.80	1.00		
52	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	1.00	0.80	1.00		
53	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	1.00	0.80	1.00		
54	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	1.00	0.80	1.00		
55	1.00	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	1.00	0.80	1.00		
56	1.00	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0	1.00	0.80	1.00		
57	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0	1.00	0.80	1.00		
58	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0	1.00	0.80	1.00		
59	1.00	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0	1.00	0.80	1.00		
60	1.00	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0	1.00	0.80	1.00		
61	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00	1.00	0.80	1.00		
62	1.00	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00	1.00	0.80	1.00		
63	1.00	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00	1.00	0.80	1.00		
64	1.00	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00	1.00	0.80	1.00		
65	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	1.00	0.80	1.00		
66	1.00	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	1.00	0.80	1.00		
67	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	1.00	0.80	1.00		
68	1.00	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	1.00	0.80	1.00		

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

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

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

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
II	50.0	1.0	50.0	A	T1

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

Id nodo	**Longitudine**	**Latitudine**	**Distanza**
			Km
Loc.	15.959	41.706	
29451	15.900	41.660	7.060
29452	15.967	41.658	5.361
29230	15.969	41.708	0.857
29229	15.902	41.710	4.737

SL	**Pver**	**Tr**	**ag**	**Fo**	**T*c**
		Anni	g		sec
SLO	81.0	30.0	0.055	2.470	0.270
SLD	63.0	50.0	0.074	2.490	0.280
SLV	10.0	475.0	0.206	2.440	0.320
SLC	5.0	975.0	0.272	2.420	0.340

SL	**ag**	**S**	**Fo**	**Fv**	**Tb**	**Tc**	**Td**
	g				sec	sec	sec
SLO	0.055	1.000	2.470	0.784	0.090	0.270	1.821
SLD	0.074	1.000	2.490	0.912	0.093	0.280	1.894
SLV	0.206	1.000	2.440	1.495	0.107	0.320	2.424
SLC	0.272	1.000	2.420	1.704	0.113	0.340	2.689

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

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

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

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

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

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

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

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

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

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

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

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

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

Affinché la verifica sia positiva deve essere:

19) V > 0
20) Sig s < fyk
21) Gam t < 5
22) Gam s < Gam * (caratteristica dell' elastomero)
23) Gam s < 2
24) V < 0.5 Vcr

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

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

CDC	Tipo	Sigla Id	Note
2	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.335 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.121 sec.
			fattore q: 1.500
			fattore per spost. mu d: 2.322
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
550.00	3.441e+04	419.74	207.82	0.0	-21.25	412.50	212.50	0.953	0.010	0.018
375.00	2.344e+04	412.50	212.50	0.0	-21.25	412.50	212.50	0.953	0.0	0.0
250.00	1.953e+04	412.50	212.50	0.0	-21.25	412.50	212.50	0.953	0.0	0.0
125.00	1.978e+04	412.50	212.50	0.0	-21.25	412.50	212.50	0.953	0.0	0.0
Risulta	9.716e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	6.600	0.152	0.335	3.33	3.42e-03	8.882e+04	91.4	4.47	4.60e-03	0.0	0.0
2	7.465	0.134	0.335	1.260e+04	13.0	70.59	7.27e-02	0.01	1.12e-05	0.0	0.0
3	8.263	0.121	0.335	7.995e+04	82.3	1.65	1.70e-03	0.34	3.54e-04	0.0	0.0
4	21.267	0.047	0.263	30.99	3.19e-02	2153.99	2.2	4.979e+04	51.2	0.0	0.0
5	21.759	0.046	0.261	0.02	2.02e-05	5541.33	5.7	1.731e+04	17.8	0.0	0.0
6	22.449	0.045	0.260	4558.62	4.7	11.65	1.20e-02	227.70	0.2	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
7	28.564	0.035	0.248	0.01	1.46e-05	0.61	6.26e-04	2.914e+04	30.0	0.0	0.0
8	36.635	0.027	0.239	0.01	1.51e-05	546.24	0.6	28.29	2.91e-02	0.0	0.0
9	59.908	0.017	0.226	0.07	7.54e-05	0.08	8.53e-05	491.42	0.5	0.0	0.0
Risulta				9.714e+04		9.715e+04		9.698e+04			
In percentuale				99.98		99.99		99.82			

CDC	Tipo	Sigla Id	Note
3	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.335 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.121 sec.
			fattore q: 1.500
			fattore per spost. mu d: 2.318
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
550.00	3.441e+04	419.74	207.82	0.0	21.25	412.50	212.50	0.953	0.010	0.018
375.00	2.344e+04	412.50	212.50	0.0	21.25	412.50	212.50	0.953	0.0	0.0
250.00	1.953e+04	412.50	212.50	0.0	21.25	412.50	212.50	0.953	0.0	0.0
125.00	1.978e+04	412.50	212.50	0.0	21.25	412.50	212.50	0.953	0.0	0.0
Risulta	9.716e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	6.600	0.152	0.335	0.88	9.09e-04	8.883e+04	91.4	4.46	4.59e-03	0.0	0.0
2	7.484	0.134	0.335	9737.19	10.0	63.15	6.50e-02	0.05	4.99e-05	0.0	0.0
3	8.236	0.121	0.335	8.282e+04	85.2	3.56	3.66e-03	0.32	3.28e-04	0.0	0.0
4	21.267	0.047	0.263	31.22	3.21e-02	2157.27	2.2	4.975e+04	51.2	0.0	0.0
5	21.759	0.046	0.261	0.07	6.98e-05	5537.07	5.7	1.736e+04	17.9	0.0	0.0
6	22.450	0.045	0.260	4558.67	4.7	12.72	1.31e-02	220.44	0.2	0.0	0.0
7	28.564	0.035	0.248	0.02	2.13e-05	0.72	7.38e-04	2.913e+04	30.0	0.0	0.0
8	36.631	0.027	0.239	8.89e-03	9.15e-06	545.92	0.6	31.36	3.23e-02	0.0	0.0
9	59.995	0.017	0.226	0.02	2.24e-05	0.11	1.09e-04	490.42	0.5	0.0	0.0
Risulta				9.714e+04		9.715e+04		9.698e+04			
In percentuale				99.98		99.99		99.82			

CDC	Tipo	Sigla Id	Note
4	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.335 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.154 sec.
			fattore q: 1.500
			fattore per spost. mu d: 2.036
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
550.00	3.441e+04	419.74	207.82	41.25	0.0	412.50	212.50	0.953	0.010	0.018
375.00	2.344e+04	412.50	212.50	41.25	0.0	412.50	212.50	0.953	0.0	0.0
250.00	1.953e+04	412.50	212.50	41.25	0.0	412.50	212.50	0.953	0.0	0.0
125.00	1.978e+04	412.50	212.50	41.25	0.0	412.50	212.50	0.953	0.0	0.0
Risulta	9.716e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	6.473	0.154	0.335	2.27	2.34e-03	8.123e+04	83.6	3.70	3.81e-03	0.0	0.0
2	7.739	0.129	0.335	203.38	0.2	7655.37	7.9	0.85	8.80e-04	0.0	0.0
3	8.162	0.123	0.335	9.235e+04	95.0	6.59	6.78e-03	0.40	4.10e-04	0.0	0.0
4	21.292	0.047	0.263	21.64	2.23e-02	1460.18	1.5	5.586e+04	57.5	0.0	0.0
5	21.926	0.046	0.261	0.51	5.29e-04	6524.86	6.7	1.138e+04	11.7	0.0	0.0
6	22.424	0.045	0.260	4548.02	4.7	7.07	7.28e-03	122.95	0.1	0.0	0.0
7	28.559	0.035	0.248	0.40	4.17e-04	4.35	4.47e-03	2.905e+04	29.9	0.0	0.0
8	43.147	0.023	0.234	26.93	2.77e-02	74.78	7.70e-02	84.48	8.69e-02	0.0	0.0
9	53.216	0.019	0.229	4.25	4.37e-03	73.68	7.58e-02	408.36	0.4	0.0	0.0
Risulta				9.716e+04		9.704e+04		9.692e+04			
In percentuale				100.00		99.87		99.75			

CDC	Tipo	Sigla Id	Note
5	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.335 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.154 sec.
			fattore q: 1.500
			fattore per spost. mu d: 2.040
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
550.00	3.441e+04	419.74	207.82	-41.25	0.0	412.50	212.50	0.953	0.010	0.018
375.00	2.344e+04	412.50	212.50	-41.25	0.0	412.50	212.50	0.953	0.0	0.0
250.00	1.953e+04	412.50	212.50	-41.25	0.0	412.50	212.50	0.953	0.0	0.0
125.00	1.978e+04	412.50	212.50	-41.25	0.0	412.50	212.50	0.953	0.0	0.0
Risulta	9.716e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	6.501	0.154	0.335	0.77	7.88e-04	8.276e+04	85.2	3.82	3.93e-03	0.0	0.0
2	7.702	0.130	0.335	200.36	0.2	6134.21	6.3	0.79	8.15e-04	0.0	0.0
3	8.162	0.123	0.335	9.236e+04	95.1	8.65	8.90e-03	0.32	3.25e-04	0.0	0.0
4	21.282	0.047	0.263	45.77	4.71e-02	1490.33	1.5	5.514e+04	56.8	0.0	0.0
5	21.919	0.046	0.261	10.43	1.07e-02	6425.11	6.6	1.192e+04	12.3	0.0	0.0
6	22.432	0.045	0.260	4514.79	4.6	56.42	5.81e-02	261.00	0.3	0.0	0.0
7	28.556	0.035	0.248	0.09	8.84e-05	4.85	5.00e-03	2.909e+04	29.9	0.0	0.0
8	42.356	0.024	0.234	25.10	2.58e-02	106.13	0.1	105.41	0.1	0.0	0.0
9	53.658	0.019	0.228	4.88	5.02e-03	62.35	6.42e-02	393.67	0.4	0.0	0.0
Risulta				9.716e+04		9.704e+04		9.692e+04			
In				99.99		99.88		99.75			

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
percentuale											

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.121 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
550.00	3.441e+04	419.74	207.82	0.0	-21.25	412.50	212.50	0.953	0.010	0.018
375.00	2.344e+04	412.50	212.50	0.0	-21.25	412.50	212.50	0.953	0.0	0.0
250.00	1.953e+04	412.50	212.50	0.0	-21.25	412.50	212.50	0.953	0.0	0.0
125.00	1.978e+04	412.50	212.50	0.0	-21.25	412.50	212.50	0.953	0.0	0.0
Risulta	9.716e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	6.600	0.152	0.183	3.33	3.42e-03	8.882e+04	91.4	4.47	4.60e-03	0.0	0.0
2	7.465	0.134	0.183	1.260e+04	13.0	70.59	7.27e-02	0.01	1.12e-05	0.0	0.0
3	8.263	0.121	0.183	7.995e+04	82.3	1.65	1.70e-03	0.34	3.54e-04	0.0	0.0
4	21.267	0.047	0.129	30.99	3.19e-02	2153.99	2.2	4.979e+04	51.2	0.0	0.0
5	21.759	0.046	0.128	0.02	2.02e-05	5541.33	5.7	1.731e+04	17.8	0.0	0.0
6	22.449	0.045	0.126	4558.62	4.7	11.65	1.20e-02	227.70	0.2	0.0	0.0
7	28.564	0.035	0.115	0.01	1.46e-05	0.61	6.26e-04	2.914e+04	30.0	0.0	0.0
8	36.635	0.027	0.106	0.01	1.51e-05	546.24	0.6	28.29	2.91e-02	0.0	0.0
9	59.908	0.017	0.093	0.07	7.54e-05	0.08	8.53e-05	491.42	0.5	0.0	0.0
Risulta				9.714e+04		9.715e+04		9.698e+04			
In percentuale				99.98		99.99		99.82			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.121 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
550.00	3.441e+04	419.74	207.82	0.0	21.25	412.50	212.50	0.953	0.010	0.018
375.00	2.344e+04	412.50	212.50	0.0	21.25	412.50	212.50	0.953	0.0	0.0
250.00	1.953e+04	412.50	212.50	0.0	21.25	412.50	212.50	0.953	0.0	0.0
125.00	1.978e+04	412.50	212.50	0.0	21.25	412.50	212.50	0.953	0.0	0.0
Risulta	9.716e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	6.600	0.152	0.183	0.88	9.09e-04	8.883e+04	91.4	4.46	4.59e-03	0.0	0.0
2	7.484	0.134	0.183	9737.19	10.0	63.15	6.50e-02	0.05	4.99e-05	0.0	0.0
3	8.236	0.121	0.183	8.282e+04	85.2	3.56	3.66e-03	0.32	3.28e-04	0.0	0.0
4	21.267	0.047	0.129	31.22	3.21e-02	2157.27	2.2	4.975e+04	51.2	0.0	0.0
5	21.759	0.046	0.128	0.07	6.98e-05	5537.07	5.7	1.736e+04	17.9	0.0	0.0
6	22.450	0.045	0.126	4558.67	4.7	12.72	1.31e-02	220.44	0.2	0.0	0.0
7	28.564	0.035	0.115	0.02	2.13e-05	0.72	7.38e-04	2.913e+04	30.0	0.0	0.0
8	36.631	0.027	0.106	8.89e-03	9.15e-06	545.92	0.6	31.36	3.23e-02	0.0	0.0
9	59.995	0.017	0.093	0.02	2.24e-05	0.11	1.09e-04	490.42	0.5	0.0	0.0
Risulta				9.714e+04		9.715e+04		9.698e+04			
In percentuale				99.98		99.99		99.82			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.154 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
550.00	3.441e+04	419.74	207.82	41.25	0.0	412.50	212.50	0.953	0.010	0.018
375.00	2.344e+04	412.50	212.50	41.25	0.0	412.50	212.50	0.953	0.0	0.0
250.00	1.953e+04	412.50	212.50	41.25	0.0	412.50	212.50	0.953	0.0	0.0
125.00	1.978e+04	412.50	212.50	41.25	0.0	412.50	212.50	0.953	0.0	0.0
Risulta	9.716e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	6.473	0.154	0.183	2.27	2.34e-03	8.123e+04	83.6	3.70	3.81e-03	0.0	0.0
2	7.739	0.129	0.183	203.38	0.2	7655.37	7.9	0.85	8.80e-04	0.0	0.0
3	8.162	0.123	0.183	9.235e+04	95.0	6.59	6.78e-03	0.40	4.10e-04	0.0	0.0
4	21.292	0.047	0.129	21.64	2.23e-02	1460.18	1.5	5.586e+04	57.5	0.0	0.0
5	21.926	0.046	0.127	0.51	5.29e-04	6524.86	6.7	1.138e+04	11.7	0.0	0.0
6	22.424	0.045	0.126	4548.02	4.7	7.07	7.28e-03	122.95	0.1	0.0	0.0
7	28.559	0.035	0.115	0.40	4.17e-04	4.35	4.47e-03	2.905e+04	29.9	0.0	0.0
8	43.147	0.023	0.101	26.93	2.77e-02	74.78	7.70e-02	84.48	8.69e-02	0.0	0.0
9	53.216	0.019	0.096	4.25	4.37e-03	73.68	7.58e-02	408.36	0.4	0.0	0.0
Risulta				9.716e+04		9.704e+04		9.692e+04			
In percentuale				100.00		99.87		99.75			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.154 sec.
			numero di modi considerati: 9

CDC	Tipo	Sigla Id	Note
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
550.00	3.441e+04	419.74	207.82	-41.25	0.0	412.50	212.50	0.953	0.010	0.018
375.00	2.344e+04	412.50	212.50	-41.25	0.0	412.50	212.50	0.953	0.0	0.0
250.00	1.953e+04	412.50	212.50	-41.25	0.0	412.50	212.50	0.953	0.0	0.0
125.00	1.978e+04	412.50	212.50	-41.25	0.0	412.50	212.50	0.953	0.0	0.0
Risulta	9.716e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	6.501	0.154	0.183	0.77	7.88e-04	8.276e+04	85.2	3.82	3.93e-03	0.0	0.0
2	7.702	0.130	0.183	200.36	0.2	6134.21	6.3	0.79	8.15e-04	0.0	0.0
3	8.162	0.123	0.183	9.236e+04	95.1	8.65	8.90e-03	0.32	3.25e-04	0.0	0.0
4	21.282	0.047	0.129	45.77	4.71e-02	1490.33	1.5	5.514e+04	56.8	0.0	0.0
5	21.919	0.046	0.127	10.43	1.07e-02	6425.11	6.6	1.192e+04	12.3	0.0	0.0
6	22.432	0.045	0.126	4514.79	4.6	56.42	5.81e-02	261.00	0.3	0.0	0.0
7	28.556	0.035	0.115	0.09	8.84e-05	4.85	5.00e-03	2.909e+04	29.9	0.0	0.0
8	42.356	0.024	0.101	25.10	2.58e-02	106.13	0.1	105.41	0.1	0.0	0.0
9	53.658	0.019	0.096	4.88	5.02e-03	62.35	6.42e-02	393.67	0.4	0.0	0.0
Risulta				9.716e+04		9.704e+04		9.692e+04			
In percentuale				99.99		99.88		99.75			

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	2	0.01	1.90e-03	-0.04	-8.32e-05	2.59e-05	3.82e-05
1	3	0.01	1.88e-03	8.20e-04	-8.69e-05	2.56e-05	3.90e-05
1	13	0.11	0.07	0.02	-1.38e-04	1.10e-04	-3.86e-05
1	31	-0.05	0.15	8.47e-03	-2.84e-04	1.45e-05	-1.73e-04
1	36	0.01	-0.15	-0.08	1.60e-04	-2.52e-05	2.28e-04
1	45	0.06	0.04	-3.76e-03	-1.05e-04	6.90e-05	-7.74e-06
1	63	-0.02	0.08	-8.08e-03	-1.85e-04	1.69e-05	-8.15e-05
1	68	0.01	-0.08	-0.06	5.80e-05	-4.76e-06	1.38e-04
2	2	-9.42e-03	3.21e-03	-0.05	-4.78e-05	-2.16e-05	2.80e-05
2	3	-9.54e-03	3.20e-03	-6.36e-03	-5.03e-05	-2.11e-05	2.75e-05
2	16	-0.11	6.45e-03	-0.02	2.08e-05	-9.37e-05	8.28e-05
2	21	0.06	0.16	2.30e-03	-2.54e-04	-9.88e-06	2.41e-04
2	34	0.05	-0.07	-0.09	1.83e-04	2.58e-05	1.28e-04
2	48	-0.06	4.65e-03	-0.02	-5.57e-06	-5.87e-05	5.49e-05
2	53	0.03	0.09	-0.01	-1.56e-04	-1.29e-05	1.41e-04
2	66	0.02	-0.04	-0.06	8.33e-05	6.63e-06	7.98e-05
3	2	0.01	-1.14e-03	-0.05	5.75e-05	9.42e-06	-7.22e-05
3	3	0.01	-1.12e-03	-7.63e-03	5.55e-05	8.82e-06	-7.31e-05
3	6	0.11	-0.07	9.35e-03	1.16e-04	9.48e-05	3.01e-05
3	30	3.21e-03	-0.15	0.02	2.67e-04	5.10e-05	1.48e-04
3	35	0.02	0.12	-0.09	-1.80e-04	-3.73e-05	-1.85e-04
3	38	0.07	-0.04	-0.01	8.30e-05	5.50e-05	-8.76e-06
3	62	5.66e-03	-0.08	-4.90e-03	1.66e-04	3.11e-05	5.55e-05
3	67	0.01	0.07	-0.06	-7.85e-05	-1.72e-05	-1.26e-04
4	2	-0.01	-2.56e-03	-0.05	2.01e-05	-5.45e-06	4.29e-06
4	3	-0.01	-2.55e-03	-0.01	1.69e-05	-4.64e-06	4.92e-06
4	7	-0.11	-0.01	-0.02	-4.39e-05	-7.92e-05	-7.55e-05
4	24	1.01e-03	-0.16	0.01	2.35e-04	-4.67e-05	-2.16e-04
4	33	0.05	0.04	-0.09	-2.05e-04	3.84e-05	-1.72e-04
4	39	-0.07	-8.09e-03	-0.03	-1.73e-05	-4.51e-05	-3.97e-05
4	56	-2.95e-03	-0.09	-0.01	1.35e-04	-2.73e-05	-1.17e-04
4	65	0.02	0.02	-0.07	-1.05e-04	1.92e-05	-9.25e-05
5	2	4.56e-03	8.45e-03	-0.04	3.17e-05	-2.49e-05	3.81e-05
5	3	4.27e-03	9.83e-03	-1.95e-03	3.19e-05	-2.78e-05	3.89e-05
5	13	0.15	0.10	0.01	-3.99e-05	5.81e-05	-3.06e-05
5	31	-0.06	0.28	6.33e-03	-1.86e-04	-3.20e-05	-1.53e-04
5	36	-5.69e-03	-0.26	-0.09	2.36e-04	-5.21e-05	2.06e-04
5	45	0.08	0.06	-5.76e-03	-1.07e-05	2.27e-05	-3.40e-06
5	63	-0.03	0.15	-0.01	-9.07e-05	-2.65e-05	-7.00e-05
5	68	-1.55e-03	-0.14	-0.06	1.40e-04	-3.74e-05	1.26e-04
6	2	6.16e-03	8.30e-03	-0.05	3.01e-05	5.03e-05	-2.94e-05
6	3	5.94e-03	9.69e-03	-9.18e-03	2.95e-05	5.15e-05	-3.01e-05
6	13	0.15	0.04	-0.05	-3.82e-05	1.11e-04	-8.92e-05
6	21	0.08	0.28	1.19e-04	-1.86e-04	5.14e-05	1.77e-04
6	34	0.08	-0.17	-0.09	2.35e-04	7.13e-05	1.05e-04
6	45	0.08	0.02	-0.05	-1.05e-05	7.82e-05	-5.91e-05
6	53	0.04	0.16	-0.02	-9.12e-05	4.57e-05	8.68e-05
6	66	0.05	-0.09	-0.07	1.39e-04	5.66e-05	4.70e-05
7	2	3.37e-03	0.01	-0.05	-8.65e-05	-4.10e-05	-3.98e-05
7	3	3.08e-03	0.01	-0.01	-9.05e-05	-4.34e-05	-4.09e-05
7	6	0.15	-0.09	7.13e-03	-2.48e-06	4.51e-05	4.72e-05
7	31	-7.42e-03	0.28	-0.09	-2.81e-04	-6.53e-05	-2.15e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
7	35	-4.31e-03	0.25	-0.09	-2.80e-04	-6.56e-05	-1.41e-04
7	38	0.08	-0.05	-0.01	-3.19e-05	1.01e-05	1.18e-05
7	63	-2.92e-03	0.16	-0.07	-1.84e-04	-5.02e-05	-1.31e-04
7	67	-1.21e-03	0.14	-0.07	-1.84e-04	-5.04e-05	-9.12e-05
8	2	6.49e-03	0.01	-0.06	-6.93e-05	4.92e-05	3.03e-05
8	3	6.27e-03	0.01	-0.02	-7.34e-05	5.00e-05	3.10e-05
8	6	0.15	-0.01	-0.06	6.72e-06	1.09e-04	1.08e-04
8	21	0.01	0.28	-0.09	-2.64e-04	7.02e-05	2.25e-04
8	33	0.08	0.16	-0.10	-2.66e-04	7.04e-05	-1.73e-04
8	38	0.08	-3.20e-03	-0.05	-2.09e-05	7.66e-05	6.95e-05
8	53	8.52e-03	0.16	-0.07	-1.69e-04	5.56e-05	1.34e-04
8	65	0.04	0.09	-0.07	-1.70e-04	5.57e-05	-8.38e-05
9	2	0.02	0.01	-0.04	-9.94e-05	1.34e-05	3.97e-04
9	3	0.02	0.01	1.04e-04	-1.03e-04	1.26e-05	4.04e-04
9	13	0.13	0.08	0.02	-1.46e-04	9.34e-05	2.49e-04
9	31	-0.05	0.19	7.94e-03	-3.01e-04	-7.44e-06	1.25e-04
9	36	0.01	-0.17	-0.08	1.49e-04	-2.04e-05	4.82e-04
9	45	0.07	0.05	-4.29e-03	-1.15e-04	5.56e-05	2.75e-04
9	63	-0.02	0.11	-8.63e-03	-1.99e-04	0.0	2.08e-04
9	68	0.01	-0.09	-0.06	4.67e-05	-6.55e-06	4.03e-04
10	2	-0.01	0.01	-0.05	-8.58e-05	1.29e-06	-1.63e-04
10	3	-0.01	0.01	-7.00e-03	-8.88e-05	1.24e-06	-1.69e-04
10	16	-0.12	5.76e-03	-0.02	-1.48e-06	-7.84e-05	-6.41e-05
10	21	0.05	0.19	1.83e-03	-2.88e-04	1.91e-05	7.28e-05
10	34	0.05	-0.08	-0.09	1.53e-04	3.28e-05	-3.24e-06
10	48	-0.07	7.51e-03	-0.03	-3.10e-05	-4.24e-05	-9.24e-05
10	53	0.03	0.11	-0.01	-1.88e-04	1.09e-05	-1.75e-05
10	66	0.03	-0.04	-0.06	5.35e-05	1.83e-05	-5.91e-05
11	2	0.02	-6.67e-03	-0.05	6.67e-05	1.36e-05	-5.14e-04
11	3	0.02	-6.44e-03	-8.37e-03	6.46e-05	1.29e-05	-5.20e-04
11	6	0.13	-0.08	8.84e-03	1.20e-04	9.19e-05	-3.21e-04
11	30	0.01	-0.18	0.02	2.77e-04	4.05e-05	-2.16e-04
11	35	0.02	0.14	-0.09	-1.75e-04	-2.03e-05	-5.04e-04
11	38	0.07	-0.05	-0.01	8.89e-05	5.49e-05	-3.55e-04
11	62	0.01	-0.10	-5.44e-03	1.75e-04	2.68e-05	-2.98e-04
11	67	0.01	0.08	-0.06	-7.29e-05	-6.39e-06	-4.55e-04
12	2	-0.01	-7.41e-03	-0.05	5.08e-05	1.53e-06	2.69e-04
12	3	-0.01	-7.19e-03	-0.02	4.86e-05	1.44e-06	2.75e-04
12	7	-0.12	-9.09e-03	-0.02	-2.59e-05	-7.66e-05	1.28e-04
12	24	-5.12e-03	-0.19	0.01	2.62e-04	-2.95e-05	9.54e-06
12	33	0.05	0.06	-0.09	-1.81e-04	3.34e-05	1.83e-05
12	39	-0.07	-7.53e-03	-0.03	3.31e-06	-4.13e-05	1.65e-04
12	56	-7.23e-03	-0.11	-0.01	1.60e-04	-1.56e-05	9.95e-05
12	65	0.02	0.03	-0.07	-8.16e-05	1.88e-05	1.04e-04
13	2	0.01	1.31e-03	-0.04	-2.20e-05	6.11e-04	-4.28e-05
13	3	0.01	1.30e-03	-5.73e-03	-2.56e-05	6.26e-04	-4.33e-05
13	13	0.10	0.07	2.99e-03	-8.76e-05	6.19e-04	-9.94e-05
13	20	-0.07	-0.09	-0.07	5.34e-05	3.27e-04	1.29e-04
13	31	-0.03	0.15	-0.02	-2.23e-04	4.55e-04	-2.30e-04
13	45	0.06	0.04	-0.01	-5.59e-05	5.53e-04	-6.93e-05
13	52	-0.04	-0.05	-0.05	2.11e-05	3.93e-04	5.57e-05
13	63	-0.01	0.08	-0.03	-1.30e-04	4.63e-04	-1.41e-04
14	2	-0.01	1.35e-03	-0.05	-1.79e-05	-6.88e-04	4.63e-05
14	3	-0.01	1.34e-03	-0.01	-2.09e-05	-7.00e-04	4.66e-05
14	16	-0.10	4.98e-03	-0.01	3.93e-05	-6.52e-04	9.82e-05
14	18	0.08	-0.06	-0.07	5.54e-05	-3.98e-04	-3.60e-05
14	21	0.03	0.16	-0.03	-2.17e-04	-5.13e-04	2.49e-04
14	48	-0.06	3.20e-03	-0.03	1.49e-05	-5.97e-04	6.99e-05
14	50	0.04	-0.03	-0.06	2.37e-05	-4.58e-04	-3.55e-06
14	53	0.01	0.09	-0.03	-1.25e-04	-5.21e-04	1.53e-04
15	2	-0.12	5.56e-03	-0.05	0.0	-3.69e-04	7.59e-04
15	3	-0.12	5.93e-03	-0.01	0.0	-3.67e-04	7.65e-04
15	16	-0.20	5.62e-04	-0.01	0.0	-3.77e-04	6.43e-04
15	18	0.01	-0.07	-0.07	0.0	-1.98e-04	5.17e-04
15	21	-0.05	0.19	-0.03	0.0	-2.43e-04	7.18e-04
15	48	-0.15	2.28e-03	-0.02	0.0	-3.34e-04	6.16e-04
15	50	-0.03	-0.03	-0.06	0.0	-2.37e-04	5.47e-04
15	53	-0.07	0.10	-0.03	0.0	-2.61e-04	6.58e-04
16	2	4.99e-03	-0.01	-0.04	2.30e-03	1.06e-05	-7.14e-05
16	3	5.04e-03	-0.01	-5.01e-03	2.34e-03	1.03e-05	-7.23e-05
16	6	0.11	-0.05	-9.19e-03	1.91e-03	7.89e-05	2.69e-05
16	30	-5.72e-04	-0.11	0.01	2.08e-03	3.37e-05	1.38e-04
16	35	0.01	0.08	-0.08	1.48e-03	-1.80e-05	-1.75e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
16	38	0.06	-0.03	-0.02	1.85e-03	4.68e-05	-1.02e-05
16	62	1.43e-03	-0.07	-8.11e-03	1.94e-03	2.20e-05	5.06e-05
16	67	8.07e-03	0.04	-0.06	1.61e-03	-6.18e-06	-1.21e-04
17	2	-7.72e-03	0.01	-0.05	-1.97e-05	5.54e-05	-5.35e-04
17	3	-7.97e-03	0.01	-8.53e-03	-2.25e-05	5.53e-05	-5.47e-04
17	16	-0.13	-1.62e-03	-0.02	5.06e-05	-3.36e-05	-3.50e-04
17	21	0.06	0.22	5.97e-04	-2.32e-04	6.16e-05	-2.30e-04
17	34	0.06	-0.11	-0.09	1.99e-04	7.01e-05	-2.75e-04
17	48	-0.07	3.66e-03	-0.03	2.05e-05	0.0	-3.79e-04
17	53	0.03	0.12	-0.02	-1.34e-04	5.30e-05	-3.13e-04
17	66	0.03	-0.05	-0.07	1.02e-04	5.76e-05	-3.38e-04
18	2	1.22e-03	0.28	-0.04	1.65e-03	0.0	-1.67e-03
18	3	9.76e-04	0.29	-2.15e-03	1.66e-03	0.0	-1.70e-03
18	13	0.13	0.25	-0.03	1.22e-03	0.0	-1.45e-03
18	21	0.07	0.43	7.64e-03	1.09e-03	0.0	-1.39e-03
18	34	0.07	0.06	-0.08	1.46e-03	0.0	-1.14e-03
18	45	0.07	0.24	-0.03	1.24e-03	0.0	-1.38e-03
18	53	0.04	0.33	-9.70e-03	1.17e-03	0.0	-1.34e-03
18	66	0.04	0.13	-0.06	1.38e-03	0.0	-1.21e-03
19	2	-0.09	7.68e-03	-0.05	0.0	4.50e-04	8.48e-04
19	3	-0.09	8.38e-03	-9.96e-03	0.0	4.53e-04	8.53e-04
19	16	-0.19	-5.54e-03	-0.01	0.0	2.68e-04	7.11e-04
19	18	0.04	-0.07	-0.07	0.0	4.26e-04	5.84e-04
19	21	-0.02	0.22	-0.03	0.0	3.68e-04	7.90e-04
19	48	-0.14	-2.86e-04	-0.02	0.0	3.04e-04	6.85e-04
19	50	-9.57e-03	-0.04	-0.06	0.0	3.90e-04	6.15e-04
19	53	-0.05	0.12	-0.03	0.0	3.58e-04	7.28e-04
20	2	8.34e-03	0.32	-0.04	2.67e-04	0.0	2.59e-03
20	3	8.34e-03	0.32	1.36e-03	2.62e-04	0.0	2.62e-03
20	13	0.13	0.31	6.03e-03	1.46e-04	0.0	1.95e-03
20	31	-0.06	0.44	0.01	-3.12e-05	0.0	2.08e-03
20	36	5.10e-03	0.06	-0.08	4.33e-04	0.0	1.92e-03
20	45	0.07	0.28	-9.28e-03	1.72e-04	0.0	1.97e-03
20	63	-0.03	0.35	-7.03e-03	7.53e-05	0.0	2.04e-03
20	68	5.69e-03	0.14	-0.06	3.29e-04	0.0	1.96e-03
21	1	-5.88e-04	0.01	-0.04	2.07e-05	4.24e-05	-5.18e-04
21	2	-2.91e-04	9.47e-03	-0.05	2.35e-05	4.33e-05	-5.09e-04
21	3	-5.79e-04	0.01	-8.85e-03	2.06e-05	4.25e-05	-5.20e-04
21	16	-0.13	-0.01	-0.02	8.20e-05	-4.39e-05	-3.29e-04
21	21	0.07	0.24	3.29e-04	-2.01e-04	5.28e-05	-2.06e-04
21	34	0.07	-0.13	-0.09	2.36e-04	6.11e-05	-2.57e-04
21	48	-0.07	-3.14e-03	-0.03	5.27e-05	-8.94e-06	-3.58e-04
21	53	0.04	0.14	-0.02	-1.02e-04	4.38e-05	-2.91e-04
21	66	0.04	-0.07	-0.07	1.37e-04	4.84e-05	-3.19e-04
22	2	4.91e-03	7.65e-03	-0.04	-1.87e-03	3.20e-05	-3.12e-05
22	3	4.64e-03	9.08e-03	-6.32e-03	-1.94e-03	2.64e-05	-2.98e-05
22	6	0.15	-0.07	-9.54e-03	-1.40e-03	9.77e-05	5.80e-05
22	31	-5.24e-03	0.24	-0.08	-1.62e-03	-5.38e-06	-2.12e-04
22	35	-2.12e-03	0.22	-0.08	-1.62e-03	-5.88e-06	-1.36e-04
22	38	0.08	-0.04	-0.02	-1.42e-03	6.39e-05	2.10e-05
22	63	-1.19e-03	0.13	-0.06	-1.55e-03	7.61e-06	-1.27e-04
22	67	5.20e-04	0.13	-0.06	-1.55e-03	7.34e-06	-8.52e-05
23	2	-0.02	8.22e-03	-0.05	0.0	3.37e-04	4.33e-04
23	3	-0.02	9.25e-03	-9.21e-03	0.0	3.32e-04	4.38e-04
23	16	-0.14	-0.01	-0.01	0.0	1.97e-04	3.94e-04
23	18	0.11	-0.08	-0.07	0.0	3.23e-04	2.67e-04
23	21	0.03	0.24	-0.03	0.0	2.68e-04	5.52e-04
23	48	-0.09	-4.09e-03	-0.02	0.0	2.24e-04	3.67e-04
23	50	0.05	-0.04	-0.06	0.0	2.94e-04	2.97e-04
23	53	9.29e-03	0.14	-0.03	0.0	2.64e-04	4.53e-04
24	2	7.45e-03	9.47e-03	-0.05	-3.20e-06	2.16e-04	9.20e-06
24	3	7.27e-03	0.01	-8.89e-03	-4.33e-06	2.35e-04	9.60e-06
24	13	0.14	0.04	-0.06	-6.37e-05	2.34e-04	-5.81e-05
24	18	0.14	-0.09	-0.07	6.22e-05	2.37e-04	-6.05e-05
24	21	0.06	0.28	-0.03	-2.11e-04	1.84e-04	2.13e-04
24	45	0.08	0.02	-0.05	-3.61e-05	2.05e-04	-2.85e-05
24	50	0.08	-0.04	-0.06	3.28e-05	2.07e-04	-2.98e-05
24	53	0.03	0.16	-0.03	-1.17e-04	1.78e-04	1.20e-04
25	2	6.45e-03	0.20	-0.04	1.19e-03	0.0	1.75e-03
25	3	6.37e-03	0.20	1.07e-03	1.19e-03	0.0	1.77e-03
25	13	0.14	0.23	5.93e-03	8.50e-04	0.0	1.30e-03
25	31	-0.06	0.37	0.01	7.23e-04	0.0	1.43e-03
25	36	5.66e-04	-0.06	-0.08	1.11e-03	0.0	1.27e-03

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
25	45	0.08	0.20	-9.46e-03	8.79e-04	0.0	1.32e-03
25	63	-0.03	0.27	-7.22e-03	8.10e-04	0.0	1.39e-03
25	68	2.55e-03	0.04	-0.06	1.02e-03	0.0	1.30e-03
26	2	4.99e-03	0.01	-0.04	-2.26e-03	1.38e-05	7.03e-05
26	3	5.04e-03	0.01	3.36e-03	-2.30e-03	1.36e-05	7.13e-05
26	13	0.11	0.05	-2.61e-03	-1.89e-03	8.28e-05	-1.03e-05
26	31	-0.05	0.11	0.01	-2.04e-03	-5.47e-06	-1.39e-04
26	36	8.95e-03	-0.09	-0.07	-1.42e-03	-1.56e-05	2.42e-04
26	45	0.06	0.03	-0.01	-1.82e-03	5.00e-05	1.89e-05
26	63	-0.03	0.07	-4.90e-03	-1.91e-03	1.80e-06	-5.13e-05
26	68	6.64e-03	-0.05	-0.05	-1.57e-03	-3.73e-06	1.57e-04
27	2	4.75e-03	0.01	-0.04	1.45e-03	-3.40e-05	4.24e-05
27	3	4.48e-03	0.01	1.47e-03	1.52e-03	-3.67e-05	4.34e-05
27	13	0.15	0.08	-3.46e-03	1.08e-03	4.97e-05	-3.02e-05
27	31	-0.07	0.24	0.01	9.66e-04	-4.33e-05	-1.56e-04
27	36	-4.91e-03	-0.22	-0.07	1.30e-03	-5.49e-05	2.16e-04
27	45	0.08	0.05	-0.01	1.10e-03	1.50e-05	-1.64e-06
27	63	-0.03	0.14	-6.06e-03	1.04e-03	-3.58e-05	-7.03e-05
27	68	-1.06e-03	-0.12	-0.05	1.22e-03	-4.21e-05	1.33e-04
28	2	-0.01	-9.13e-04	-0.05	-3.26e-05	-7.81e-04	-4.64e-05
28	3	-0.01	-9.03e-04	-0.02	-3.51e-05	-7.95e-04	-4.68e-05
28	7	-0.10	-0.01	-0.02	-7.98e-05	-7.30e-04	-1.16e-04
28	13	0.07	-4.56e-03	-0.07	-9.32e-05	-4.69e-04	-9.68e-05
28	24	-0.02	-0.16	-0.02	1.78e-04	-6.52e-04	-2.49e-04
28	39	-0.06	-6.81e-03	-0.03	-5.52e-05	-6.72e-04	-7.95e-05
28	45	0.03	-2.81e-03	-0.06	-6.26e-05	-5.30e-04	-6.91e-05
28	56	-0.02	-0.09	-0.03	8.59e-05	-6.30e-04	-1.52e-04
29	2	-0.14	1.58e-04	-0.05	0.0	-4.54e-04	-6.17e-04
29	3	-0.14	4.55e-04	-0.01	0.0	-4.53e-04	-6.21e-04
29	7	-0.21	-3.31e-03	-0.01	0.0	-4.40e-04	-5.52e-04
29	13	-0.01	3.94e-03	-0.07	0.0	-2.62e-04	-2.98e-04
29	21	-0.09	0.18	-0.06	0.0	-3.32e-04	-2.61e-04
29	39	-0.16	-1.73e-03	-0.03	0.0	-3.99e-04	-5.17e-04
29	45	-0.05	2.24e-03	-0.06	0.0	-3.02e-04	-3.78e-04
29	53	-0.10	0.10	-0.05	0.0	-3.39e-04	-3.58e-04
30	2	5.14e-03	0.44	-0.04	-2.91e-03	0.0	1.04e-03
30	3	5.15e-03	0.44	2.70e-03	-2.94e-03	0.0	1.06e-03
30	13	0.12	0.39	-2.86e-03	-2.31e-03	0.0	7.46e-04
30	31	-0.06	0.48	0.01	-2.54e-03	0.0	6.22e-04
30	36	5.79e-03	0.20	-0.07	-1.95e-03	0.0	9.84e-04
30	45	0.07	0.36	-0.01	-2.28e-03	0.0	7.73e-04
30	63	-0.03	0.42	-5.31e-03	-2.41e-03	0.0	7.05e-04
30	68	4.96e-03	0.26	-0.05	-2.08e-03	0.0	9.03e-04
31	2	5.21e-03	-0.44	-0.04	2.94e-03	0.0	-1.05e-03
31	3	5.22e-03	-0.45	-5.68e-03	2.96e-03	0.0	-1.07e-03
31	6	0.12	-0.39	-9.43e-03	2.33e-03	0.0	-7.33e-04
31	30	2.83e-03	-0.48	0.01	2.55e-03	0.0	-6.26e-04
31	35	8.44e-03	-0.21	-0.08	1.97e-03	0.0	-9.23e-04
31	38	0.07	-0.37	-0.02	2.30e-03	0.0	-7.69e-04
31	62	3.36e-03	-0.42	-8.44e-03	2.42e-03	0.0	-7.10e-04
31	67	6.43e-03	-0.27	-0.06	2.10e-03	0.0	-8.73e-04
32	2	-4.77e-03	-0.34	-0.05	2.12e-03	0.0	1.74e-03
32	3	-4.91e-03	-0.34	-0.01	2.14e-03	0.0	1.76e-03
32	7	-0.12	-0.25	-0.03	1.53e-03	0.0	1.25e-03
32	24	9.17e-04	-0.41	9.30e-03	1.90e-03	0.0	1.15e-03
32	33	0.06	-0.18	-0.08	1.38e-03	0.0	1.14e-03
32	39	-0.07	-0.25	-0.03	1.58e-03	0.0	1.29e-03
32	56	-1.17e-03	-0.34	-0.01	1.78e-03	0.0	1.24e-03
32	65	0.03	-0.22	-0.06	1.50e-03	0.0	1.23e-03
33	2	-0.11	2.50e-03	-0.05	0.0	5.06e-04	-7.00e-04
33	3	-0.11	3.12e-03	-0.01	0.0	5.08e-04	-7.04e-04
33	7	-0.20	6.33e-03	-0.01	0.0	3.12e-04	-6.15e-04
33	13	0.02	0.01	-0.07	0.0	4.68e-04	-3.58e-04
33	21	-0.07	0.21	-0.06	0.0	4.14e-04	-3.17e-04
33	39	-0.15	4.40e-03	-0.02	0.0	3.47e-04	-5.80e-04
33	45	-0.03	8.38e-03	-0.06	0.0	4.32e-04	-4.40e-04
33	53	-0.08	0.12	-0.05	0.0	4.03e-04	-4.17e-04
34	2	6.25e-03	9.60e-03	0.08	-2.72e-04	3.05e-04	0.0
34	3	6.02e-03	0.01	0.13	-3.28e-04	3.23e-04	0.0
34	6	0.14	-0.05	0.06	-1.60e-04	3.14e-04	0.0
34	21	0.03	0.23	0.05	-4.37e-04	2.59e-04	0.0
34	28	-0.02	-0.21	0.08	-6.81e-06	2.18e-04	0.0
34	38	0.08	-0.02	0.06	-1.88e-04	2.80e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
34	53	0.02	0.13	0.06	-3.39e-04	2.50e-04	0.0
34	60	-0.01	-0.11	0.07	-1.04e-04	2.28e-04	0.0
35	2	5.39e-03	0.59	-0.04	3.48e-04	0.0	1.60e-03
35	3	5.34e-03	0.60	2.42e-03	3.40e-04	0.0	1.62e-03
35	13	0.13	0.52	-2.85e-03	2.09e-04	0.0	1.17e-03
35	31	-0.06	0.63	0.01	1.97e-05	0.0	1.06e-03
35	36	2.89e-03	0.28	-0.07	5.02e-04	0.0	1.40e-03
35	45	0.07	0.49	-0.01	2.34e-04	0.0	1.20e-03
35	63	-0.03	0.55	-5.40e-03	1.31e-04	0.0	1.14e-03
35	68	3.45e-03	0.36	-0.05	3.95e-04	0.0	1.33e-03
36	2	7.02e-03	9.88e-03	0.03	-1.71e-04	4.83e-04	0.0
36	3	6.81e-03	0.01	0.08	-2.11e-04	5.27e-04	0.0
36	6	0.14	-0.03	0.01	-7.08e-05	4.61e-04	0.0
36	16	-0.12	-0.04	0.05	-8.30e-05	3.04e-04	0.0
36	21	0.03	0.25	8.07e-03	-3.49e-04	4.01e-04	0.0
36	38	0.08	-0.01	0.02	-1.03e-04	4.25e-04	0.0
36	48	-0.06	-0.02	0.04	-1.09e-04	3.39e-04	0.0
36	53	0.02	0.14	0.02	-2.55e-04	3.92e-04	0.0
37	2	-0.03	5.96e-03	-0.05	0.0	4.04e-04	-3.72e-04
37	3	-0.03	6.91e-03	-0.01	0.0	3.99e-04	-3.76e-04
37	7	-0.15	0.02	-0.01	0.0	2.50e-04	-3.65e-04
37	13	0.09	0.02	-0.07	0.0	3.74e-04	-3.56e-04
37	21	-1.37e-04	0.24	-0.06	0.0	3.35e-04	-6.91e-05
37	39	-0.09	0.01	-0.02	0.0	2.77e-04	-3.29e-04
37	45	0.04	0.02	-0.06	0.0	3.45e-04	-3.25e-04
37	53	-0.01	0.13	-0.05	0.0	3.23e-04	-1.68e-04
38	2	7.58e-03	0.01	-0.05	-2.53e-05	2.48e-04	-1.11e-05
38	3	7.40e-03	0.01	-0.01	-2.90e-05	2.70e-04	-1.15e-05
38	9	0.14	0.11	-0.07	-8.51e-05	2.60e-04	7.65e-05
38	13	0.13	0.04	-0.07	-8.48e-05	2.61e-04	-7.51e-05
38	21	0.03	0.28	-0.06	-2.30e-04	2.19e-04	1.96e-04
38	41	0.08	0.06	-0.06	-5.57e-05	2.31e-04	3.80e-05
38	45	0.07	0.03	-0.06	-5.55e-05	2.31e-04	-4.50e-05
38	53	0.02	0.16	-0.05	-1.35e-04	2.08e-04	1.03e-04
39	2	5.16e-03	0.39	-0.04	2.25e-03	0.0	1.18e-03
39	3	5.05e-03	0.40	2.11e-03	2.26e-03	0.0	1.20e-03
39	13	0.14	0.37	-2.99e-03	1.67e-03	0.0	8.53e-04
39	31	-0.06	0.51	0.01	1.56e-03	0.0	7.36e-04
39	36	-2.63e-04	0.10	-0.07	1.90e-03	0.0	1.09e-03
39	45	0.08	0.34	-0.01	1.70e-03	0.0	8.80e-04
39	63	-0.03	0.41	-5.58e-03	1.64e-03	0.0	8.16e-04
39	68	1.64e-03	0.19	-0.05	1.82e-03	0.0	1.01e-03
40	2	5.44e-03	-0.60	-0.04	-3.40e-04	0.0	-1.61e-03
40	3	5.40e-03	-0.61	-5.84e-03	-3.38e-04	0.0	-1.63e-03
40	6	0.13	-0.52	-9.33e-03	-2.03e-04	0.0	-1.16e-03
40	30	6.06e-03	-0.64	0.01	-1.79e-05	0.0	-1.06e-03
40	35	5.50e-03	-0.30	-0.08	-5.02e-04	0.0	-1.34e-03
40	38	0.07	-0.50	-0.02	-2.29e-04	0.0	-1.20e-03
40	62	5.20e-03	-0.56	-8.39e-03	-1.28e-04	0.0	-1.14e-03
40	67	4.90e-03	-0.37	-0.06	-3.92e-04	0.0	-1.30e-03
41	2	5.77e-04	-0.66	-0.05	-3.79e-04	0.0	1.11e-03
41	3	4.33e-04	-0.67	-7.65e-03	-3.75e-04	0.0	1.12e-03
41	6	0.12	-0.55	-0.03	-2.07e-04	0.0	9.44e-04
41	24	1.86e-03	-0.68	8.31e-03	-4.76e-05	0.0	6.49e-04
41	33	0.06	-0.38	-0.08	-5.32e-04	0.0	6.42e-04
41	38	0.07	-0.53	-0.03	-2.44e-04	0.0	9.03e-04
41	56	1.20e-03	-0.60	-0.01	-1.57e-04	0.0	7.42e-04
41	65	0.03	-0.44	-0.06	-4.22e-04	0.0	7.38e-04
42	2	5.15e-03	-0.40	-0.04	-2.28e-03	0.0	-1.19e-03
42	3	5.03e-03	-0.40	-5.98e-03	-2.30e-03	0.0	-1.21e-03
42	6	0.14	-0.38	-9.32e-03	-1.70e-03	0.0	-8.38e-04
42	30	8.80e-03	-0.51	0.01	-1.58e-03	0.0	-7.36e-04
42	35	2.23e-03	-0.12	-0.08	-1.94e-03	0.0	-1.02e-03
42	38	0.08	-0.35	-0.02	-1.73e-03	0.0	-8.74e-04
42	62	6.59e-03	-0.42	-8.41e-03	-1.66e-03	0.0	-8.18e-04
42	67	3.00e-03	-0.20	-0.06	-1.86e-03	0.0	-9.75e-04
43	2	6.79e-03	0.01	0.03	2.29e-04	4.45e-04	0.0
43	3	6.58e-03	0.01	0.07	2.74e-04	4.84e-04	0.0
43	13	0.14	0.05	0.01	1.17e-04	4.32e-04	0.0
43	21	0.06	0.25	0.04	-2.27e-05	3.80e-04	0.0
43	35	-0.05	0.20	0.05	-1.89e-05	3.33e-04	0.0
43	45	0.08	0.03	0.02	1.49e-04	3.95e-04	0.0
43	53	0.03	0.14	0.03	7.21e-05	3.67e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
43	67	-0.02	0.11	0.04	7.42e-05	3.41e-04	0.0
44	2	2.66e-03	-0.44	-0.05	-2.59e-03	0.0	8.55e-04
44	3	2.47e-03	-0.44	-8.02e-03	-2.60e-03	0.0	8.69e-04
44	6	0.13	-0.38	-0.03	-1.95e-03	0.0	7.50e-04
44	24	4.80e-04	-0.53	8.26e-03	-1.82e-03	0.0	4.55e-04
44	33	0.07	-0.18	-0.08	-2.17e-03	0.0	4.53e-04
44	38	0.07	-0.36	-0.03	-1.97e-03	0.0	7.09e-04
44	56	1.17e-03	-0.44	-0.01	-1.90e-03	0.0	5.48e-04
44	65	0.04	-0.25	-0.06	-2.09e-03	0.0	5.47e-04
45	2	-2.18e-03	-0.44	-0.05	-3.68e-04	0.0	2.45e-03
45	3	-2.38e-03	-0.44	-0.01	-3.67e-04	0.0	2.47e-03
45	7	-0.12	-0.32	-0.03	-3.62e-04	0.0	1.71e-03
45	24	-3.37e-04	-0.52	9.77e-03	-4.92e-05	0.0	1.98e-03
45	33	0.06	-0.22	-0.08	-5.13e-04	0.0	1.67e-03
45	39	-0.07	-0.33	-0.03	-3.26e-04	0.0	1.79e-03
45	56	-9.64e-04	-0.44	-0.01	-1.55e-04	0.0	1.94e-03
45	65	0.03	-0.28	-0.06	-4.09e-04	0.0	1.77e-03
46	2	3.40e-03	0.01	4.68e-03	1.29e-04	-4.41e-04	0.0
46	3	3.09e-03	0.01	0.05	1.62e-04	-4.87e-04	0.0
46	13	0.14	0.09	0.03	5.36e-05	-2.74e-04	0.0
46	17	0.13	0.11	0.03	5.18e-05	-2.75e-04	0.0
46	31	-0.05	0.26	0.02	-1.03e-04	-3.78e-04	0.0
46	45	0.08	0.05	0.02	7.77e-05	-3.09e-04	0.0
46	49	0.07	0.07	0.02	7.68e-05	-3.09e-04	0.0
46	63	-0.03	0.15	0.01	-7.78e-06	-3.65e-04	0.0
47	2	-7.81e-03	-3.43e-03	-0.06	-1.78e-05	4.70e-05	6.12e-04
47	3	-8.06e-03	-2.87e-03	-0.02	-2.01e-05	4.67e-05	6.24e-04
47	7	-0.13	1.79e-03	-0.02	-8.12e-05	-3.84e-05	3.92e-04
47	24	-4.75e-03	-0.21	0.01	2.01e-04	8.70e-06	2.93e-04
47	33	0.06	0.08	-0.09	-2.29e-04	6.41e-05	3.40e-04
47	39	-0.07	-1.61e-04	-0.03	-5.08e-05	-4.63e-06	4.29e-04
47	56	-5.34e-03	-0.12	-0.01	1.03e-04	2.11e-05	3.74e-04
47	65	0.03	0.05	-0.07	-1.32e-04	5.13e-05	4.00e-04
48	2	1.35e-03	-0.27	-0.05	-1.72e-03	0.0	1.69e-03
48	3	1.12e-03	-0.28	-0.01	-1.73e-03	0.0	1.72e-03
48	6	0.13	-0.24	-0.04	-1.27e-03	0.0	1.48e-03
48	24	-7.17e-04	-0.42	9.80e-03	-1.13e-03	0.0	1.41e-03
48	33	0.07	-0.07	-0.08	-1.52e-03	0.0	1.09e-03
48	38	0.07	-0.23	-0.04	-1.30e-03	0.0	1.40e-03
48	56	5.24e-05	-0.33	-0.01	-1.22e-03	0.0	1.36e-03
48	65	0.04	-0.13	-0.06	-1.43e-03	0.0	1.19e-03
49	2	2.66e-03	0.01	3.71e-03	-1.53e-04	-4.94e-04	0.0
49	3	2.33e-03	0.01	0.05	-1.72e-04	-5.66e-04	0.0
49	6	0.13	-0.08	0.03	-6.66e-05	-3.21e-04	0.0
49	18	0.13	-0.03	0.03	-6.30e-05	-3.22e-04	0.0
49	31	-0.03	0.26	-0.01	-3.36e-04	-4.13e-04	0.0
49	38	0.07	-0.04	0.02	-9.17e-05	-3.55e-04	0.0
49	50	0.07	-0.01	0.02	-8.97e-05	-3.55e-04	0.0
49	63	-0.01	0.14	-4.09e-03	-2.39e-04	-4.06e-04	0.0
50	2	9.82e-04	0.01	-0.04	-2.65e-03	9.06e-06	1.17e-05
50	3	9.91e-04	0.01	3.95e-03	-2.71e-03	8.65e-06	1.19e-05
50	13	0.11	0.04	-0.01	-2.15e-03	7.57e-05	-5.41e-05
50	31	-0.06	0.09	0.02	-2.36e-03	-1.19e-05	-1.80e-04
50	36	5.13e-03	-0.07	-0.07	-1.73e-03	-1.53e-05	1.93e-04
50	45	0.06	0.03	-0.02	-2.11e-03	4.45e-05	-2.55e-05
50	63	-0.03	0.06	-3.29e-03	-2.22e-03	-3.40e-06	-9.44e-05
50	68	3.15e-03	-0.03	-0.05	-1.88e-03	-5.22e-06	1.10e-04
51	1	-4.21e-04	5.19e-03	-0.05	-6.36e-05	3.88e-05	5.41e-04
51	2	-1.33e-04	4.34e-03	-0.06	-6.16e-05	3.98e-05	5.33e-04
51	3	-4.12e-04	5.23e-03	-0.02	-6.39e-05	3.89e-05	5.43e-04
51	7	-0.13	0.02	-0.03	-1.12e-04	-4.54e-05	3.30e-04
51	21	1.67e-03	0.24	-0.09	-2.66e-04	5.69e-05	5.97e-04
51	33	0.07	0.12	-0.09	-2.66e-04	5.84e-05	2.09e-04
51	39	-0.07	0.01	-0.03	-8.28e-05	-1.10e-05	3.67e-04
51	53	8.37e-04	0.13	-0.07	-1.67e-04	4.49e-05	5.13e-04
51	65	0.04	0.07	-0.07	-1.67e-04	4.57e-05	3.01e-04
52	2	5.03e-03	0.01	-0.04	1.84e-03	1.35e-06	5.76e-06
52	3	4.78e-03	0.01	1.35e-03	1.92e-03	0.0	5.93e-06
52	13	0.15	0.08	-0.01	1.38e-03	7.55e-05	-6.02e-05
52	31	-0.07	0.22	0.01	1.27e-03	-1.97e-05	-1.89e-04
52	36	-4.10e-03	-0.20	-0.07	1.59e-03	-2.30e-05	1.92e-04
52	45	0.08	0.05	-0.02	1.40e-03	4.16e-05	-3.09e-05
52	63	-0.03	0.13	-4.95e-03	1.34e-03	-1.04e-05	-1.01e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
52	68	-5.17e-04	-0.10	-0.05	1.52e-03	-1.22e-05	1.07e-04
53	2	1.93e-03	0.51	-0.04	-3.50e-03	0.0	1.78e-04
53	3	1.89e-03	0.52	2.99e-03	-3.54e-03	0.0	1.80e-04
53	13	0.12	0.43	-0.01	-2.79e-03	0.0	7.46e-05
53	31	-0.06	0.52	0.01	-3.01e-03	0.0	-5.91e-05
53	36	3.09e-03	0.27	-0.07	-2.38e-03	0.0	3.26e-04
53	45	0.06	0.42	-0.02	-2.75e-03	0.0	1.03e-04
53	63	-0.03	0.46	-3.93e-03	-2.87e-03	0.0	2.99e-05
53	68	2.36e-03	0.33	-0.05	-2.53e-03	0.0	2.40e-04
54	2	4.12e-03	0.01	0.06	3.39e-04	-3.64e-04	0.0
54	3	3.84e-03	0.01	0.11	4.01e-04	-3.88e-04	0.0
54	13	0.14	0.08	0.07	2.18e-04	-2.10e-04	0.0
54	31	-0.05	0.24	0.07	6.34e-05	-3.06e-04	0.0
54	33	0.03	0.24	0.07	6.61e-05	-2.61e-04	0.0
54	45	0.08	0.05	0.06	2.44e-04	-2.44e-04	0.0
54	63	-0.02	0.14	0.06	1.59e-04	-2.97e-04	0.0
54	65	0.02	0.13	0.06	1.61e-04	-2.72e-04	0.0
55	2	4.47e-03	0.01	0.08	-6.51e-05	-3.49e-04	0.0
55	3	4.19e-03	0.01	0.13	-9.63e-05	-3.54e-04	0.0
55	6	0.13	-0.07	0.08	0.0	-1.95e-04	0.0
55	31	-0.03	0.24	0.05	-2.76e-04	-2.94e-04	0.0
55	34	0.03	-0.21	0.08	1.62e-04	-2.44e-04	0.0
55	38	0.08	-0.03	0.07	-2.62e-05	-2.29e-04	0.0
55	63	-0.01	0.13	0.05	-1.77e-04	-2.83e-04	0.0
55	66	0.02	-0.11	0.07	6.25e-05	-2.56e-04	0.0
56	2	5.38e-03	9.60e-03	0.10	-2.89e-04	-3.00e-05	0.0
56	3	5.13e-03	0.01	0.15	-3.48e-04	-3.08e-05	0.0
56	6	0.13	-0.06	0.09	-1.75e-04	4.94e-05	0.0
56	31	-0.03	0.22	0.07	-4.53e-04	-4.76e-05	0.0
56	34	0.03	-0.20	0.09	-1.94e-05	1.71e-06	0.0
56	38	0.08	-0.03	0.08	-2.02e-04	1.64e-05	0.0
56	63	-0.01	0.12	0.07	-3.54e-04	-3.65e-05	0.0
56	66	0.02	-0.11	0.09	-1.18e-04	-9.69e-06	0.0
57	2	2.93e-03	0.71	-0.04	3.15e-04	0.0	2.77e-04
57	3	2.84e-03	0.72	2.38e-03	3.05e-04	0.0	2.81e-04
57	13	0.13	0.60	-0.01	1.72e-04	0.0	1.48e-04
57	31	-0.06	0.71	0.01	-4.91e-06	0.0	1.40e-05
57	36	1.04e-03	0.39	-0.07	4.81e-04	0.0	4.07e-04
57	45	0.07	0.58	-0.02	2.02e-04	0.0	1.78e-04
57	63	-0.03	0.64	-4.27e-03	1.06e-04	0.0	1.05e-04
57	68	1.58e-03	0.46	-0.05	3.72e-04	0.0	3.20e-04
58	2	9.43e-04	-0.01	-0.04	2.71e-03	9.39e-06	-1.12e-05
58	3	9.57e-04	-0.01	-4.54e-03	2.75e-03	8.92e-06	-1.14e-05
58	6	0.10	-0.04	-0.02	2.18e-03	7.50e-05	7.19e-05
58	30	-2.93e-03	-0.09	8.96e-03	2.38e-03	2.89e-05	1.80e-04
58	35	7.69e-03	0.07	-0.07	1.80e-03	-1.51e-05	-1.25e-04
58	38	0.06	-0.03	-0.02	2.14e-03	4.42e-05	3.54e-05
58	62	-1.28e-03	-0.06	-9.44e-03	2.25e-03	1.90e-05	9.48e-05
58	67	4.54e-03	0.03	-0.05	1.93e-03	-5.05e-06	-7.21e-05
59	2	0.11	5.40e-03	-0.04	0.0	3.26e-04	-7.28e-04
59	3	0.11	5.77e-03	-4.58e-03	0.0	3.24e-04	-7.35e-04
59	13	0.19	0.07	4.26e-03	0.0	3.33e-04	-6.24e-04
59	20	-0.01	-0.09	-0.07	0.0	1.69e-04	-4.01e-04
59	31	0.04	0.18	-0.02	0.0	2.10e-04	-6.77e-04
59	45	0.14	0.04	-0.01	0.0	2.95e-04	-5.95e-04
59	52	0.03	-0.05	-0.05	0.0	2.06e-04	-4.73e-04
59	63	0.06	0.10	-0.03	0.0	2.28e-04	-6.25e-04
60	2	3.86e-03	0.48	-0.04	2.70e-03	0.0	2.07e-04
60	3	3.70e-03	0.49	1.95e-03	2.71e-03	0.0	2.11e-04
60	13	0.14	0.43	-0.01	2.03e-03	0.0	9.32e-05
60	31	-0.06	0.56	0.01	1.91e-03	0.0	-3.83e-05
60	36	-1.07e-03	0.19	-0.07	2.24e-03	0.0	3.53e-04
60	45	0.08	0.40	-0.02	2.05e-03	0.0	1.24e-04
60	63	-0.03	0.47	-4.53e-03	1.99e-03	0.0	5.17e-05
60	68	7.41e-04	0.27	-0.05	2.17e-03	0.0	2.66e-04
61	2	0.01	0.01	-0.04	-4.37e-06	-3.43e-05	7.27e-04
61	3	0.01	0.01	-1.52e-03	-7.11e-06	-3.51e-05	7.39e-04
61	13	0.13	0.09	0.01	-6.41e-05	5.19e-05	5.12e-04
61	31	-0.05	0.22	6.63e-03	-2.23e-04	-4.56e-05	3.97e-04
61	36	8.41e-03	-0.19	-0.08	2.13e-04	-5.33e-05	7.18e-04
61	45	0.08	0.05	-5.52e-03	-3.68e-05	1.63e-05	5.35e-04
61	63	-0.02	0.12	-9.92e-03	-1.24e-04	-3.70e-05	4.72e-04
61	68	9.02e-03	-0.10	-0.06	1.14e-04	-4.12e-05	6.47e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
62	2	-3.10e-03	0.01	-0.04	-2.48e-03	4.18e-06	-4.40e-05
62	3	-3.13e-03	0.01	2.30e-03	-2.54e-03	3.63e-06	-4.47e-05
62	16	-0.11	-5.88e-03	-0.03	-1.86e-03	-6.66e-05	2.81e-05
62	21	0.06	0.11	0.01	-2.22e-03	2.15e-05	1.74e-04
62	34	0.06	-0.06	-0.07	-1.60e-03	2.68e-05	7.83e-05
62	48	-0.06	1.73e-03	-0.03	-1.89e-03	-3.50e-05	0.0
62	53	0.03	0.06	-5.54e-03	-2.08e-03	1.31e-05	7.96e-05
62	66	0.03	-0.03	-0.05	-1.74e-03	1.61e-05	2.74e-05
63	2	0.09	7.59e-03	-0.04	0.0	-4.14e-04	-7.97e-04
63	3	0.09	8.29e-03	-3.01e-03	0.0	-4.17e-04	-8.02e-04
63	13	0.18	0.08	5.74e-03	0.0	-2.41e-04	-6.77e-04
63	20	-0.04	-0.10	-0.07	0.0	-3.95e-04	-4.52e-04
63	31	0.02	0.21	-0.02	0.0	-3.40e-04	-7.34e-04
63	45	0.13	0.05	-0.01	0.0	-2.76e-04	-6.49e-04
63	52	7.56e-03	-0.05	-0.05	0.0	-3.60e-04	-5.25e-04
63	63	0.04	0.12	-0.03	0.0	-3.30e-04	-6.79e-04
64	2	5.40e-03	0.01	-0.04	1.67e-03	3.80e-05	-3.13e-05
64	3	5.16e-03	0.01	-7.65e-05	1.74e-03	3.89e-05	-3.20e-05
64	13	0.15	0.06	-0.02	1.25e-03	1.03e-04	-9.00e-05
64	21	0.08	0.23	0.01	1.14e-03	4.80e-05	1.84e-04
64	34	0.08	-0.19	-0.07	1.47e-03	5.51e-05	9.78e-05
64	45	0.08	0.04	-0.03	1.27e-03	6.97e-05	-6.02e-05
64	53	0.04	0.13	-7.05e-03	1.21e-03	3.96e-05	8.95e-05
64	66	0.04	-0.10	-0.05	1.39e-03	4.34e-05	4.25e-05
65	2	7.39e-03	9.47e-03	-0.04	4.09e-05	-2.07e-05	5.84e-04
65	3	7.35e-03	0.01	-1.79e-03	3.82e-05	-2.09e-05	5.95e-04
65	13	0.14	0.09	0.01	-3.62e-05	6.33e-05	4.00e-04
65	31	-0.06	0.24	6.40e-03	-1.88e-04	-3.49e-05	2.83e-04
65	36	1.21e-03	-0.22	-0.09	2.52e-04	-4.31e-05	6.12e-04
65	45	0.08	0.05	-5.69e-03	-5.81e-06	2.73e-05	4.23e-04
65	63	-0.03	0.13	-0.01	-8.90e-05	-2.63e-05	3.59e-04
65	68	3.23e-03	-0.12	-0.06	1.52e-04	-3.08e-05	5.39e-04
66	2	-1.20e-03	0.48	-0.04	-3.25e-03	0.0	-6.76e-04
66	3	-1.30e-03	0.49	1.40e-03	-3.29e-03	0.0	-6.85e-04
66	16	-0.12	0.35	-0.03	-2.41e-03	0.0	-4.57e-04
66	21	0.06	0.51	0.01	-2.81e-03	0.0	-3.15e-04
66	34	0.06	0.26	-0.07	-2.21e-03	0.0	-3.96e-04
66	48	-0.06	0.36	-0.03	-2.45e-03	0.0	-4.86e-04
66	53	0.03	0.45	-6.13e-03	-2.67e-03	0.0	-4.09e-04
66	66	0.03	0.31	-0.05	-2.35e-03	0.0	-4.53e-04
67	2	0.02	8.17e-03	-0.04	0.0	-2.69e-04	-3.88e-04
67	3	0.02	9.19e-03	-2.20e-03	0.0	-2.65e-04	-3.94e-04
67	13	0.14	0.09	6.49e-03	0.0	-1.41e-04	-3.62e-04
67	20	-0.10	-0.11	-0.07	0.0	-2.72e-04	-1.39e-04
67	31	-0.03	0.24	-0.02	0.0	-2.16e-04	-5.01e-04
67	45	0.08	0.05	-0.01	0.0	-1.70e-04	-3.34e-04
67	52	-0.05	-0.06	-0.05	0.0	-2.42e-04	-2.12e-04
67	63	-9.45e-03	0.13	-0.02	0.0	-2.12e-04	-4.10e-04
68	2	2.94e-03	9.57e-03	-0.04	-5.37e-06	-1.49e-04	-4.71e-06
68	3	2.61e-03	0.01	-1.85e-03	-5.52e-06	-1.73e-04	-5.14e-06
68	13	0.14	0.10	6.76e-03	-6.88e-05	-5.42e-05	-6.60e-05
68	20	-0.12	-0.12	-0.07	6.18e-05	-1.87e-04	1.55e-04
68	31	-0.05	0.28	-0.02	-2.15e-04	-1.35e-04	-1.91e-04
68	45	0.08	0.06	-9.96e-03	-3.95e-05	-8.42e-05	-3.78e-05
68	52	-0.07	-0.06	-0.05	3.19e-05	-1.57e-04	8.31e-05
68	63	-0.03	0.16	-0.02	-1.19e-04	-1.28e-04	-1.06e-04
69	2	5.46e-03	7.67e-03	-0.05	-1.98e-03	1.23e-05	-4.84e-06
69	3	5.21e-03	9.11e-03	-7.08e-03	-2.07e-03	1.06e-05	-4.78e-06
69	6	0.15	-0.06	-0.02	-1.49e-03	8.20e-05	7.86e-05
69	31	-4.31e-03	0.22	-0.08	-1.71e-03	-1.20e-05	-1.99e-04
69	35	-1.18e-03	0.21	-0.08	-1.71e-03	-1.24e-05	-1.24e-04
69	38	0.08	-0.03	-0.03	-1.52e-03	4.89e-05	4.13e-05
69	63	-4.85e-04	0.12	-0.06	-1.63e-03	-2.48e-06	-1.10e-04
69	67	1.23e-03	0.12	-0.06	-1.63e-03	-2.69e-06	-6.97e-05
70	2	1.94e-03	-0.52	-0.04	3.53e-03	0.0	-1.70e-04
70	3	1.90e-03	-0.52	-5.50e-03	3.56e-03	0.0	-1.72e-04
70	6	0.11	-0.44	-0.02	2.80e-03	0.0	-4.99e-05
70	30	5.48e-04	-0.52	8.49e-03	3.03e-03	0.0	6.40e-05
70	35	5.68e-03	-0.28	-0.07	2.41e-03	0.0	-2.49e-04
70	38	0.06	-0.42	-0.02	2.76e-03	0.0	-8.66e-05
70	62	9.69e-04	-0.47	-0.01	2.89e-03	0.0	-2.43e-05
70	67	3.78e-03	-0.34	-0.05	2.55e-03	0.0	-1.95e-04
71	2	5.05e-03	0.01	0.09	4.44e-04	-5.69e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
71	3	4.79e-03	0.01	0.14	5.17e-04	-6.08e-05	0.0
71	13	0.14	0.07	0.08	2.99e-04	3.02e-05	0.0
71	31	-0.05	0.22	0.09	1.49e-04	-6.52e-05	0.0
71	33	0.03	0.22	0.09	1.49e-04	-2.02e-05	0.0
71	45	0.08	0.04	0.08	3.26e-04	-3.73e-06	0.0
71	63	-0.02	0.12	0.08	2.44e-04	-5.59e-05	0.0
71	65	0.02	0.12	0.08	2.44e-04	-3.14e-05	0.0
72	2	0.01	-8.76e-04	-0.05	-2.62e-05	6.96e-04	4.26e-05
72	3	0.01	-8.71e-04	-8.70e-03	-2.82e-05	7.13e-04	4.30e-05
72	6	0.10	-0.07	-1.72e-03	4.68e-05	6.84e-04	1.16e-04
72	19	-0.07	-7.27e-03	-0.07	-8.95e-05	3.90e-04	9.93e-05
72	30	0.03	-0.15	-0.01	1.86e-04	5.91e-04	2.29e-04
72	38	0.06	-0.04	-0.02	1.63e-05	6.18e-04	7.85e-05
72	51	-0.03	-4.28e-03	-0.05	-5.82e-05	4.58e-04	6.92e-05
72	62	0.02	-0.08	-0.02	9.22e-05	5.67e-04	1.40e-04
73	2	0.13	2.56e-04	-0.05	0.0	4.02e-04	5.97e-04
73	3	0.13	5.53e-04	-7.72e-03	0.0	4.00e-04	6.02e-04
73	9	0.20	-6.16e-03	-7.88e-03	0.0	3.97e-04	5.42e-04
73	19	4.96e-03	1.09e-03	-0.07	0.0	2.26e-04	2.85e-04
73	31	0.08	0.18	-0.06	0.0	2.94e-04	2.63e-04
73	41	0.15	-3.25e-03	-0.02	0.0	3.57e-04	5.05e-04
73	51	0.05	7.13e-04	-0.05	0.0	2.64e-04	3.64e-04
73	63	0.09	0.10	-0.05	0.0	3.01e-04	3.52e-04
74	2	5.71e-04	0.66	-0.04	3.49e-04	0.0	-1.08e-03
74	3	4.17e-04	0.67	8.86e-04	3.40e-04	0.0	-1.09e-03
74	13	0.12	0.55	-0.02	1.84e-04	0.0	-9.03e-04
74	21	0.07	0.68	0.01	2.26e-05	0.0	-6.29e-04
74	34	0.07	0.37	-0.07	5.03e-04	0.0	-6.89e-04
74	45	0.07	0.53	-0.03	2.21e-04	0.0	-8.70e-04
74	53	0.04	0.60	-6.39e-03	1.33e-04	0.0	-7.20e-04
74	66	0.04	0.43	-0.05	3.95e-04	0.0	-7.53e-04
75	2	6.01e-03	0.01	0.07	3.88e-04	2.75e-04	0.0
75	3	5.78e-03	0.01	0.12	4.55e-04	2.90e-04	0.0
75	13	0.14	0.06	0.06	2.54e-04	2.91e-04	0.0
75	21	0.06	0.23	0.08	1.06e-04	2.39e-04	0.0
75	35	-0.05	0.21	0.08	1.04e-04	1.94e-04	0.0
75	45	0.08	0.04	0.06	2.81e-04	2.56e-04	0.0
75	53	0.03	0.13	0.07	2.00e-04	2.28e-04	0.0
75	67	-0.02	0.12	0.07	1.99e-04	2.03e-04	0.0
76	2	2.57e-03	0.44	-0.04	2.51e-03	0.0	-8.19e-04
76	3	2.37e-03	0.45	5.24e-04	2.52e-03	0.0	-8.33e-04
76	13	0.14	0.39	-0.02	1.89e-03	0.0	-7.04e-04
76	21	0.07	0.53	0.01	1.77e-03	0.0	-4.29e-04
76	34	0.07	0.17	-0.07	2.11e-03	0.0	-4.96e-04
76	45	0.07	0.37	-0.03	1.91e-03	0.0	-6.72e-04
76	53	0.04	0.45	-6.61e-03	1.84e-03	0.0	-5.21e-04
76	66	0.04	0.25	-0.05	2.03e-03	0.0	-5.58e-04
77	2	0.10	2.42e-03	-0.04	0.0	-4.74e-04	6.72e-04
77	3	0.10	3.05e-03	-6.05e-03	0.0	-4.78e-04	6.76e-04
77	9	0.19	3.13e-03	-6.35e-03	0.0	-2.90e-04	5.99e-04
77	19	-0.02	0.01	-0.07	0.0	-4.42e-04	3.40e-04
77	31	0.06	0.21	-0.05	0.0	-3.89e-04	3.11e-04
77	41	0.14	2.62e-03	-0.02	0.0	-3.24e-04	5.62e-04
77	51	0.02	6.61e-03	-0.05	0.0	-4.07e-04	4.20e-04
77	63	0.07	0.11	-0.04	0.0	-3.78e-04	4.05e-04
78	2	-7.47e-03	-0.01	-0.05	1.73e-03	2.97e-05	1.38e-04
78	3	-7.53e-03	-0.01	-0.01	1.76e-03	2.87e-05	1.40e-04
78	7	-0.11	-4.50e-03	-0.03	1.29e-03	-4.49e-05	2.86e-05
78	24	2.54e-03	-0.13	9.00e-03	1.61e-03	-1.26e-05	-1.10e-04
78	33	0.05	0.04	-0.08	1.05e-03	5.62e-05	-6.80e-05
78	39	-0.06	-6.44e-03	-0.03	1.31e-03	-1.43e-05	6.40e-05
78	56	-1.22e-03	-0.07	-0.01	1.49e-03	3.35e-06	-1.21e-05
78	65	0.02	0.02	-0.06	1.18e-03	4.09e-05	1.12e-05
79	2	2.94e-03	-0.72	-0.04	-3.27e-04	0.0	-2.51e-04
79	3	2.85e-03	-0.73	-6.02e-03	-3.22e-04	0.0	-2.55e-04
79	6	0.13	-0.60	-0.02	-1.79e-04	0.0	-1.09e-04
79	30	4.09e-03	-0.71	8.42e-03	0.0	0.0	6.65e-06
79	35	3.61e-03	-0.40	-0.07	-4.98e-04	0.0	-3.15e-04
79	38	0.07	-0.58	-0.03	-2.11e-04	0.0	-1.47e-04
79	62	3.25e-03	-0.64	-0.01	-1.13e-04	0.0	-8.42e-05
79	67	2.99e-03	-0.47	-0.06	-3.85e-04	0.0	-2.60e-04
80	2	6.10e-03	9.09e-03	-0.05	-1.08e-03	5.48e-05	5.87e-05
80	3	5.89e-03	0.01	-0.01	-1.14e-03	5.72e-05	5.99e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
80	6	0.15	-0.03	-0.04	-7.94e-04	1.13e-04	1.30e-04
80	21	0.01	0.25	-0.08	-1.03e-03	7.52e-05	2.47e-04
80	33	0.07	0.18	-0.08	-1.03e-03	7.47e-05	-1.51e-04
80	38	0.08	-0.02	-0.04	-8.17e-04	8.12e-05	9.17e-05
80	53	8.06e-03	0.14	-0.06	-9.45e-04	6.04e-05	1.55e-04
80	65	0.04	0.10	-0.06	-9.48e-04	6.02e-05	-6.22e-05
81	2	0.03	5.84e-03	-0.04	0.0	-3.32e-04	3.49e-04
81	3	0.03	6.79e-03	-5.07e-03	0.0	-3.28e-04	3.54e-04
81	9	0.14	0.01	-5.50e-03	0.0	-1.95e-04	3.52e-04
81	19	-0.09	0.02	-0.07	0.0	-3.20e-04	3.44e-04
81	31	-3.11e-03	0.24	-0.05	0.0	-2.81e-04	6.80e-05
81	41	0.09	9.48e-03	-0.02	0.0	-2.22e-04	3.15e-04
81	51	-0.04	0.01	-0.05	0.0	-2.90e-04	3.10e-04
81	63	8.44e-03	0.13	-0.04	0.0	-2.69e-04	1.59e-04
82	2	2.13e-03	0.01	-0.04	-2.40e-05	-1.72e-04	1.71e-05
82	3	1.78e-03	0.01	-4.71e-03	-2.69e-05	-2.00e-04	1.73e-05
82	6	0.13	-0.10	2.09e-03	4.56e-05	-7.47e-05	9.36e-05
82	19	-0.12	0.04	-0.07	-8.49e-05	-2.04e-04	8.50e-05
82	31	-0.03	0.28	-0.05	-2.31e-04	-1.64e-04	-1.74e-04
82	38	0.07	-0.05	-0.01	1.63e-05	-1.04e-04	5.71e-05
82	51	-0.07	0.02	-0.05	-5.51e-05	-1.74e-04	5.25e-05
82	63	-0.01	0.16	-0.04	-1.35e-04	-1.53e-04	-8.91e-05
83	2	8.63e-03	-9.00e-03	-0.05	1.30e-03	4.21e-06	-1.46e-04
83	3	8.71e-03	-9.05e-03	-7.57e-03	1.32e-03	4.59e-06	-1.48e-04
83	6	0.11	-0.06	-1.80e-03	1.12e-03	8.16e-05	-2.79e-05
83	30	1.56e-03	-0.13	0.01	1.28e-03	4.14e-05	8.96e-05
83	35	0.02	0.10	-0.08	7.22e-04	-3.53e-05	-2.41e-04
83	38	0.06	-0.04	-0.02	1.07e-03	4.61e-05	-6.64e-05
83	62	3.86e-03	-0.08	-7.89e-03	1.15e-03	2.41e-05	-2.14e-06
83	67	0.01	0.05	-0.06	8.48e-04	-1.78e-05	-1.83e-04
84	2	3.69e-03	9.03e-03	-0.05	-8.70e-04	-8.92e-05	-8.04e-05
84	3	3.42e-03	0.01	-7.30e-03	-9.04e-04	-9.23e-05	-8.44e-05
84	6	0.15	-0.08	-8.05e-04	-6.17e-04	7.19e-06	1.69e-05
84	31	-6.99e-03	0.26	-0.08	-8.63e-04	-1.03e-04	-2.45e-04
84	35	-3.87e-03	0.23	-0.08	-8.63e-04	-1.03e-04	-1.70e-04
84	38	0.08	-0.04	-0.02	-6.44e-04	-2.75e-05	-1.92e-05
84	63	-2.57e-03	0.14	-0.06	-7.78e-04	-8.76e-05	-1.63e-04
84	67	-8.63e-04	0.13	-0.06	-7.78e-04	-8.78e-05	-1.21e-04
85	2	9.06e-03	-0.25	-0.05	1.55e-03	0.0	-1.91e-03
85	3	9.12e-03	-0.26	-7.31e-03	1.56e-03	0.0	-1.93e-03
85	6	0.12	-0.26	-1.22e-03	1.24e-03	0.0	-1.39e-03
85	30	5.69e-03	-0.35	0.01	1.45e-03	0.0	-1.30e-03
85	35	0.01	-0.06	-0.08	9.38e-04	0.0	-1.57e-03
85	38	0.07	-0.23	-0.02	1.22e-03	0.0	-1.43e-03
85	62	6.27e-03	-0.28	-7.49e-03	1.33e-03	0.0	-1.38e-03
85	67	9.46e-03	-0.12	-0.06	1.05e-03	0.0	-1.53e-03
86	2	3.87e-03	-0.48	-0.04	-2.77e-03	0.0	-1.49e-04
86	3	3.73e-03	-0.49	-6.39e-03	-2.79e-03	0.0	-1.54e-04
86	6	0.14	-0.43	-0.02	-2.08e-03	0.0	-2.91e-05
86	30	7.56e-03	-0.55	8.37e-03	-1.96e-03	0.0	8.58e-05
86	35	1.50e-03	-0.19	-0.07	-2.30e-03	0.0	-2.38e-04
86	38	0.08	-0.40	-0.03	-2.11e-03	0.0	-6.83e-05
86	62	5.46e-03	-0.47	-0.01	-2.04e-03	0.0	-5.46e-06
86	67	2.15e-03	-0.27	-0.06	-2.23e-03	0.0	-1.83e-04
87	2	-3.14e-03	-0.01	-0.04	2.53e-03	7.86e-06	4.58e-05
87	3	-3.17e-03	-0.01	-6.26e-03	2.57e-03	7.28e-06	4.64e-05
87	7	-0.11	4.20e-03	-0.04	1.90e-03	-6.25e-05	-4.41e-05
87	24	5.15e-03	-0.11	8.65e-03	2.25e-03	-1.82e-05	-1.72e-04
87	33	0.05	0.06	-0.08	1.66e-03	3.01e-05	-1.45e-04
87	39	-0.06	-2.61e-03	-0.04	1.92e-03	-3.15e-05	-8.13e-06
87	56	1.72e-03	-0.06	-0.01	2.11e-03	-7.25e-06	-7.83e-05
87	65	0.03	0.03	-0.06	1.79e-03	1.91e-05	-6.30e-05
88	2	5.80e-03	7.90e-03	-0.05	-1.75e-03	3.73e-05	3.06e-05
88	3	5.57e-03	9.34e-03	-8.67e-03	-1.83e-03	3.77e-05	3.13e-05
88	6	0.15	-0.05	-0.03	-1.32e-03	1.01e-04	1.07e-04
88	21	0.01	0.23	-0.08	-1.53e-03	5.46e-05	2.35e-04
88	33	0.07	0.20	-0.08	-1.54e-03	5.41e-05	-1.67e-04
88	38	0.08	-0.02	-0.03	-1.34e-03	6.81e-05	6.95e-05
88	53	7.55e-03	0.13	-0.06	-1.46e-03	4.29e-05	1.39e-04
88	65	0.04	0.11	-0.06	-1.46e-03	4.26e-05	-8.04e-05
89	2	-7.46e-03	0.01	-0.04	-1.70e-03	2.08e-05	-1.34e-04
89	3	-7.52e-03	0.01	-1.96e-03	-1.73e-03	1.96e-05	-1.35e-04
89	16	-0.11	7.22e-04	-0.03	-1.27e-03	-5.33e-05	-4.23e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
89	21	0.06	0.13	7.18e-03	-1.58e-03	2.41e-05	1.14e-04
89	34	0.05	-0.06	-0.08	-1.01e-03	4.93e-05	3.74e-06
89	48	-0.06	4.44e-03	-0.03	-1.29e-03	-2.20e-05	-6.99e-05
89	53	0.03	0.07	-9.80e-03	-1.46e-03	2.03e-05	1.54e-05
89	66	0.03	-0.03	-0.06	-1.15e-03	3.40e-05	-4.46e-05
90	2	5.75e-03	0.01	-0.04	1.02e-03	5.97e-05	-5.90e-05
90	3	5.53e-03	0.01	-2.75e-03	1.07e-03	6.26e-05	-6.03e-05
90	13	0.15	0.05	-0.03	7.46e-04	1.19e-04	-1.13e-04
90	21	0.08	0.25	7.24e-03	6.17e-04	5.97e-05	1.57e-04
90	34	0.08	-0.18	-0.08	9.83e-04	7.75e-05	8.10e-05
90	45	0.08	0.03	-0.03	7.68e-04	8.60e-05	-8.24e-05
90	53	0.04	0.14	-0.01	6.98e-04	5.37e-05	6.53e-05
90	66	0.05	-0.09	-0.06	8.98e-04	6.35e-05	2.36e-05
91	2	0.01	-3.29e-03	-0.05	-3.18e-05	-2.71e-05	-8.32e-04
91	3	0.01	-2.72e-03	-0.01	-3.43e-05	-2.77e-05	-8.43e-04
91	6	0.13	-0.09	7.64e-03	3.44e-05	5.58e-05	-5.75e-04
91	30	0.01	-0.21	0.02	1.92e-04	5.32e-06	-4.81e-04
91	35	0.01	0.17	-0.09	-2.42e-04	-4.76e-05	-8.01e-04
91	38	0.08	-0.05	-0.01	7.48e-06	2.10e-05	-6.05e-04
91	62	0.01	-0.12	-6.72e-03	9.37e-05	-6.59e-06	-5.54e-04
91	67	0.01	0.09	-0.07	-1.44e-04	-3.55e-05	-7.29e-04
92	2	-4.67e-03	0.34	-0.04	-2.12e-03	0.0	-1.72e-03
92	3	-4.82e-03	0.34	-2.11e-03	-2.15e-03	0.0	-1.74e-03
92	16	-0.12	0.24	-0.03	-1.53e-03	0.0	-1.25e-03
92	21	0.06	0.41	7.31e-03	-1.92e-03	0.0	-1.14e-03
92	34	0.06	0.16	-0.08	-1.38e-03	0.0	-1.19e-03
92	48	-0.07	0.25	-0.03	-1.58e-03	0.0	-1.28e-03
92	53	0.03	0.34	-9.81e-03	-1.79e-03	0.0	-1.23e-03
92	66	0.03	0.21	-0.06	-1.50e-03	0.0	-1.25e-03
93	2	8.47e-03	-0.32	-0.05	-2.73e-04	0.0	-2.66e-03
93	3	8.47e-03	-0.32	-6.93e-03	-2.75e-04	0.0	-2.69e-03
93	6	0.13	-0.32	-6.77e-04	-1.51e-04	0.0	-1.98e-03
93	30	8.46e-03	-0.44	0.01	2.33e-05	0.0	-2.13e-03
93	35	7.77e-03	-0.08	-0.08	-4.43e-04	0.0	-1.90e-03
93	38	0.07	-0.29	-0.02	-1.77e-04	0.0	-2.01e-03
93	62	7.58e-03	-0.35	-7.04e-03	-8.23e-05	0.0	-2.09e-03
93	67	7.20e-03	-0.16	-0.06	-3.37e-04	0.0	-1.97e-03
94	2	-1.24e-03	-0.49	-0.05	3.26e-03	0.0	6.91e-04
94	3	-1.32e-03	-0.49	-7.19e-03	3.29e-03	0.0	7.00e-04
94	7	-0.11	-0.35	-0.04	2.41e-03	0.0	4.51e-04
94	24	3.50e-03	-0.51	8.30e-03	2.81e-03	0.0	3.25e-04
94	33	0.06	-0.27	-0.08	2.22e-03	0.0	3.39e-04
94	39	-0.06	-0.36	-0.04	2.46e-03	0.0	4.88e-04
94	56	1.48e-03	-0.45	-0.01	2.68e-03	0.0	4.19e-04
94	65	0.03	-0.32	-0.06	2.36e-03	0.0	4.27e-04
95	2	7.45e-03	4.06e-03	-0.05	-8.24e-05	-2.18e-05	-6.55e-04
95	3	7.40e-03	4.97e-03	-0.01	-8.45e-05	-2.17e-05	-6.63e-04
95	6	0.14	-0.09	7.40e-03	3.49e-06	6.10e-05	-4.36e-04
95	31	5.91e-04	0.24	-0.09	-2.84e-04	-4.39e-05	-6.70e-04
95	35	3.76e-03	0.20	-0.09	-2.83e-04	-4.42e-05	-5.98e-04
95	38	0.08	-0.05	-0.01	-2.70e-05	2.58e-05	-4.67e-04
95	63	2.91e-03	0.13	-0.07	-1.84e-04	-3.16e-05	-5.96e-04
95	67	4.65e-03	0.11	-0.07	-1.84e-04	-3.17e-05	-5.56e-04
96	2	6.46e-03	-0.20	-0.05	-1.19e-03	0.0	-1.83e-03
96	3	6.38e-03	-0.20	-7.08e-03	-1.20e-03	0.0	-1.85e-03
96	6	0.14	-0.24	-6.71e-04	-8.51e-04	0.0	-1.34e-03
96	30	9.94e-03	-0.37	0.01	-7.17e-04	0.0	-1.49e-03
96	35	3.12e-03	0.04	-0.08	-1.11e-03	0.0	-1.26e-03
96	38	0.08	-0.20	-0.02	-8.80e-04	0.0	-1.37e-03
96	62	7.67e-03	-0.27	-7.09e-03	-8.07e-04	0.0	-1.45e-03
96	67	3.94e-03	-0.05	-0.06	-1.02e-03	0.0	-1.33e-03
97	2	8.58e-03	9.08e-03	-0.04	-1.27e-03	1.25e-05	1.42e-04
97	3	8.66e-03	9.14e-03	7.15e-04	-1.30e-03	1.32e-05	1.44e-04
97	13	0.11	0.06	4.92e-03	-1.11e-03	9.00e-05	4.25e-05
97	31	-0.05	0.13	9.20e-03	-1.25e-03	3.45e-06	-9.21e-05
97	36	0.01	-0.12	-0.08	-6.91e-04	-2.93e-05	3.07e-04
97	45	0.06	0.03	-0.01	-1.05e-03	5.36e-05	7.30e-05
97	63	-0.03	0.08	-7.71e-03	-1.13e-03	6.31e-06	0.0
97	68	9.76e-03	-0.06	-0.06	-8.24e-04	-1.16e-05	2.17e-04
98	2	4.58e-03	0.01	-0.04	6.88e-04	-4.83e-05	6.43e-05
98	3	4.30e-03	0.01	3.68e-04	7.25e-04	-5.24e-05	6.58e-05
98	13	0.15	0.09	5.43e-03	4.78e-04	3.97e-05	-1.17e-05
98	31	-0.07	0.26	9.51e-03	3.49e-04	-4.99e-05	-1.34e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
98	36	-5.48e-03	-0.24	-0.08	7.27e-04	-7.09e-05	2.28e-04
98	45	0.08	0.06	-0.01	5.05e-04	4.42e-06	1.61e-05
98	63	-0.03	0.15	-7.77e-03	4.34e-04	-4.46e-05	-5.07e-05
98	68	-1.43e-03	-0.13	-0.06	6.41e-04	-5.60e-05	1.47e-04
99	2	8.90e-03	0.25	-0.04	-1.54e-03	0.0	1.88e-03
99	3	8.96e-03	0.25	1.02e-03	-1.55e-03	0.0	1.90e-03
99	13	0.12	0.25	5.51e-03	-1.23e-03	0.0	1.39e-03
99	31	-0.05	0.35	9.66e-03	-1.45e-03	0.0	1.28e-03
99	36	8.79e-03	0.04	-0.08	-9.30e-04	0.0	1.61e-03
99	45	0.07	0.22	-9.66e-03	-1.21e-03	0.0	1.41e-03
99	63	-0.03	0.28	-7.39e-03	-1.33e-03	0.0	1.36e-03
99	68	7.91e-03	0.11	-0.06	-1.05e-03	0.0	1.54e-03
100	2	-2.18e-03	0.44	-0.04	3.26e-04	0.0	-2.42e-03
100	3	-2.38e-03	0.45	-1.96e-03	3.20e-04	0.0	-2.45e-03
100	16	-0.13	0.31	-0.03	3.28e-04	0.0	-1.71e-03
100	21	0.07	0.52	7.66e-03	1.30e-05	0.0	-1.96e-03
100	34	0.06	0.21	-0.08	4.77e-04	0.0	-1.71e-03
100	48	-0.07	0.33	-0.03	2.92e-04	0.0	-1.78e-03
100	53	0.03	0.44	-9.60e-03	1.20e-04	0.0	-1.92e-03
100	66	0.03	0.27	-0.06	3.74e-04	0.0	-1.78e-03
101	2	5.31e-03	2.76e-03	-0.09	-5.92e-05	2.80e-04	0.0
101	3	5.34e-03	2.77e-03	-0.06	-7.95e-05	3.01e-04	0.0
101	13	0.10	0.05	-0.06	-1.75e-04	3.44e-04	0.0
101	31	-0.03	0.13	-0.06	-2.08e-04	2.23e-04	0.0
101	36	-8.06e-03	-0.12	-0.09	1.50e-04	1.48e-04	0.0
101	45	0.05	0.03	-0.06	-1.18e-04	2.88e-04	0.0
101	63	-0.02	0.07	-0.07	-1.36e-04	2.22e-04	0.0
101	68	-2.55e-03	-0.07	-0.08	5.95e-05	1.80e-04	0.0
102	2	5.14e-03	-1.90e-03	-0.10	-3.98e-05	2.67e-04	0.0
102	3	5.17e-03	-1.91e-03	-0.06	-2.83e-05	2.90e-04	0.0
102	6	0.09	-0.05	-0.06	7.99e-05	3.30e-04	0.0
102	19	-0.08	1.44e-03	-0.09	-1.36e-04	8.68e-05	0.0
102	30	0.02	-0.13	-0.06	1.44e-04	2.63e-04	0.0
102	38	0.05	-0.03	-0.07	3.10e-05	2.76e-04	0.0
102	51	-0.04	1.18e-04	-0.08	-8.70e-05	1.43e-04	0.0
102	62	0.01	-0.07	-0.07	6.62e-05	2.39e-04	0.0
103	2	5.09e-04	5.42e-03	-0.13	5.40e-05	3.36e-05	0.0
103	3	5.12e-04	5.46e-03	-0.10	2.28e-05	3.42e-05	0.0
103	13	0.09	0.03	-0.10	-2.57e-05	4.43e-05	0.0
103	31	-0.04	0.09	-0.09	-1.23e-04	2.15e-05	0.0
103	36	-0.01	-0.08	-0.11	1.99e-04	1.99e-05	0.0
103	45	0.05	0.02	-0.10	1.57e-06	3.59e-05	0.0
103	63	-0.02	0.05	-0.10	-5.18e-05	2.35e-05	0.0
103	68	-6.50e-03	-0.04	-0.11	1.25e-04	2.26e-05	0.0
104	2	2.70e-03	4.72e-03	-0.12	2.73e-05	1.97e-04	0.0
104	3	2.72e-03	4.75e-03	-0.09	-2.03e-06	2.04e-04	0.0
104	13	0.09	0.04	-0.09	-9.84e-05	1.84e-04	0.0
104	28	-0.04	-0.06	-0.11	1.96e-04	1.41e-04	0.0
104	31	-0.04	0.11	-0.08	-1.30e-04	1.46e-04	0.0
104	45	0.05	0.02	-0.09	-4.73e-05	1.70e-04	0.0
104	60	-0.02	-0.03	-0.10	1.14e-04	1.46e-04	0.0
104	63	-0.02	0.06	-0.09	-6.45e-05	1.49e-04	0.0
105	2	2.50e-03	-3.41e-03	-0.12	-1.46e-04	1.93e-04	0.0
105	3	2.51e-03	-3.43e-03	-0.09	-1.28e-04	2.00e-04	0.0
105	6	0.09	-0.04	-0.09	-1.48e-05	1.76e-04	0.0
105	23	-0.03	0.07	-0.10	-2.53e-04	1.41e-04	0.0
105	30	0.02	-0.11	-0.08	3.58e-05	1.56e-04	0.0
105	38	0.05	-0.02	-0.09	-5.71e-05	1.64e-04	0.0
105	55	-0.02	0.04	-0.10	-1.87e-04	1.45e-04	0.0
105	62	0.01	-0.06	-0.09	-2.96e-05	1.53e-04	0.0
106	2	4.60e-04	-3.93e-03	-0.13	-1.86e-04	3.14e-05	0.0
106	3	4.64e-04	-3.96e-03	-0.10	-1.66e-04	3.21e-05	0.0
106	6	0.09	-0.03	-0.10	-9.06e-05	3.73e-05	0.0
106	30	0.02	-0.09	-0.09	-9.73e-06	2.87e-05	0.0
106	31	-0.02	0.08	-0.11	-2.67e-04	2.00e-05	0.0
106	38	0.05	-0.02	-0.10	-1.12e-04	3.14e-05	0.0
106	62	9.32e-03	-0.05	-0.10	-6.81e-05	2.67e-05	0.0
106	63	-8.61e-03	0.04	-0.11	-2.08e-04	2.20e-05	0.0
107	2	-1.53e-03	-3.76e-03	-0.13	-1.83e-04	-1.44e-04	0.0
107	3	-1.54e-03	-3.79e-03	-0.09	-1.63e-04	-1.49e-04	0.0
107	7	-0.09	0.01	-0.10	-1.37e-04	-1.32e-04	0.0
107	24	-0.02	-0.10	-0.09	-2.47e-06	-1.15e-04	0.0
107	29	0.03	0.07	-0.11	-2.73e-04	-1.08e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
107	39	-0.05	5.29e-03	-0.10	-1.37e-04	-1.23e-04	0.0
107	56	-9.61e-03	-0.05	-0.09	-6.31e-05	-1.13e-04	0.0
107	61	0.02	0.04	-0.10	-2.11e-04	-1.10e-04	0.0
108	2	-3.96e-03	-2.50e-03	-0.11	-9.66e-05	-1.76e-04	0.0
108	3	-3.99e-03	-2.52e-03	-0.07	-8.21e-05	-1.95e-04	0.0
108	7	-0.09	2.33e-03	-0.08	-5.77e-05	-2.23e-04	0.0
108	24	-0.02	-0.12	-0.07	8.80e-05	-1.82e-04	0.0
108	33	0.03	0.05	-0.09	-2.34e-04	-9.82e-05	0.0
108	39	-0.05	3.98e-04	-0.08	-6.37e-05	-1.85e-04	0.0
108	56	-0.01	-0.07	-0.08	1.59e-05	-1.63e-04	0.0
108	65	0.02	0.03	-0.09	-1.60e-04	-1.17e-04	0.0
109	2	-1.67e-03	5.22e-03	-0.13	6.18e-05	-1.43e-04	0.0
109	3	-1.68e-03	5.26e-03	-0.09	3.11e-05	-1.48e-04	0.0
109	16	-0.09	-0.01	-0.10	4.64e-05	-1.35e-04	0.0
109	21	0.04	0.10	-0.09	-1.05e-04	-1.01e-04	0.0
109	34	0.04	-0.07	-0.11	2.15e-04	-1.06e-04	0.0
109	48	-0.05	-5.12e-03	-0.10	4.38e-05	-1.24e-04	0.0
109	53	0.02	0.06	-0.09	-3.92e-05	-1.06e-04	0.0
109	66	0.02	-0.04	-0.10	1.36e-04	-1.08e-04	0.0
110	2	-4.13e-03	3.58e-03	-0.11	-8.98e-06	-1.92e-04	0.0
110	3	-4.16e-03	3.61e-03	-0.07	-3.31e-05	-2.10e-04	0.0
110	16	-0.10	-5.43e-03	-0.08	-2.59e-05	-2.31e-04	0.0
110	21	0.04	0.12	-0.07	-1.63e-04	-1.56e-04	0.0
110	34	0.04	-0.07	-0.10	1.81e-04	-9.53e-05	0.0
110	48	-0.05	-1.71e-03	-0.08	-1.97e-05	-1.95e-04	0.0
110	53	0.02	0.07	-0.08	-9.48e-05	-1.54e-04	0.0
110	66	0.02	-0.03	-0.09	9.32e-05	-1.21e-04	0.0
Nodo		**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		-0.21	-0.73	-0.13	-3.54e-03	-7.95e-04	-2.69e-03
		0.20	0.72	0.15	3.56e-03	7.13e-04	2.62e-03

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm
Nodo		**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.
Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione Fz (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	Codice identificativo del nome assegnato al plinto
area	area dell'impronta del plinto
Wink O **Wink V**	coefficienti di Winkler (orizzontale e verticale) adottati
Comb	Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)	valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

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

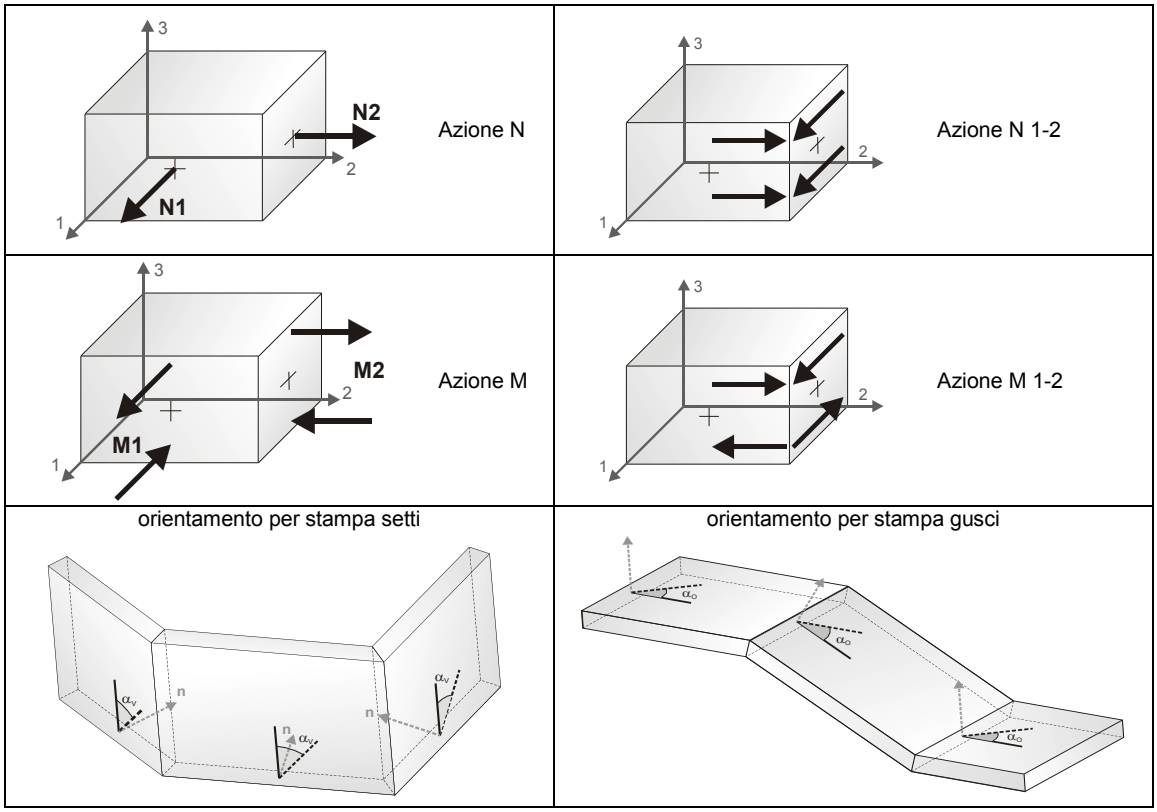
Test N°	Titolo
105	PLINTO SUPERFICIALE
106	PLINTO SUPERFICIALE
107	PLINTO SUPERFICIALE
108	PLINTO SUPERFICIALE
109	PLINTO SUPERFICIALE
110	PLINTO SUPERFICIALE
111	PLINTO SUPERFICIALE
112	PLINTO SUPERFICIALE
113	PLINTO SUPERFICIALE
114	PLINTO SUPERFICIALE
115	PLINTO SUPERFICIALE
116	PLINTO SUPERFICIALE
117	PLINTO SUPERFICIALE
118	PLINTO SUPERFICIALE
119	PLINTO SUPERFICIALE
120	PLINTO SUPERFICIALE
121	PLINTO SUPERFICIALE
122	PLINTO SUPERFICIALE
123	PLINTO SUPERFICIALE
124	FONDAZIONE NASTRIFORME
125	CALCOLO DEI K DI WINKLER

Nodo (G)	**Pt 1/12**	**Pt 2/13**	**Pt 3...**	**Pt 4...**							
	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2
1	-0.38	-0.83	-0.58								
2	-0.46	-0.88	-0.63								
3	-0.46	-0.87	-0.63								
4	-0.53	-0.93	-0.69								
13	-0.44	-0.69	-0.52								
14	-0.52	-0.73	-0.57								
16	-0.43	-0.76	-0.56								
26	-0.36	-0.71	-0.51								
28	-0.54	-0.73	-0.58								
50	-0.35	-0.68	-0.49								
58	-0.43	-0.72	-0.54								
62	-0.37	-0.71	-0.51								
72	-0.47	-0.69	-0.53								
78	-0.49	-0.82	-0.61								
83	-0.46	-0.82	-0.60								
87	-0.45	-0.75	-0.56								
89	-0.41	-0.78	-0.56								
97	-0.38	-0.77	-0.55								
101	-0.94	-0.90	-0.82								
102	-0.97	-0.89	-0.82								
103	-1.34	-1.15	-1.09								
104	-1.21	-1.06	-1.00								
105	-1.22	-1.04	-0.99								
106	-1.34	-1.12	-1.08								
107	-1.28	-1.08	-1.03								
108	-1.08	-0.94	-0.89								
109	-1.27	-1.10	-1.05								
110	-1.06	-0.97	-0.90								
Nodo (G)	**Pt 1/12**	**Pt 2/13**	**Pt 3...**	**Pt 4...**							
	-1.34										
	-0.35										

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate.
Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
N max		sforzo membranale principale massimo
N min		sforzo membranale principale minimo
M max		sforzo flessionale principale massimo
M min		sforzo flessionale principale minimo
N1	**N2**	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è
N1-2	**M1**	uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
M2	**M1-2**	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.
In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.
I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_O attorno all'asse Z per i gusci e ruotata di α_V attorno alla normale (che per definizione è orizzontale) al piano del setto.
Per i setti, in particolare, se α_V è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.
Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
1	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
1	2	0.0	-2852.76	-657.57	-1.093e+04	7.376e+04	1.165e+06	-7911.37
1	2	125.00	-5456.35	7.85	-3.951e+04	1.038e+04	-1.987e+06	1109.22
1	2	250.00	-5974.30	192.82	-1.707e+04	2.566e+04	-1.094e+05	4071.39
1	2	375.00	-4181.87	108.12	-4103.28	2.721e+04	9.218e+05	234.83
1	2	550.00	1909.11	-16.58	-1.233e+04	2.336e+04	-4.704e+05	-1819.10
1	3	0.0	-351.96	-706.83	-1.063e+04	5.478e+04	1.143e+06	-8028.98
1	3	125.00	-3124.07	-23.05	-3.964e+04	205.71	-1.999e+06	1150.29
1	3	250.00	-3932.03	175.87	-1.704e+04	2.240e+04	-9.624e+04	4116.32
1	3	375.00	-2241.42	95.82	-4217.43	2.554e+04	9.295e+05	237.29
1	3	550.00	3925.98	-18.09	-1.310e+04	1.858e+04	-5.252e+05	-1751.90
1	18	0.0	-1.213e+04	2758.43	-8283.00	2.298e+05	9.321e+05	222.90
1	18	125.00	-1.238e+04	3273.45	-3.033e+04	1.655e+05	-1.484e+06	5119.94
1	18	250.00	-1.077e+04	2424.23	-1.318e+04	5.791e+04	-6.565e+04	5669.28
1	18	375.00	-6534.79	2668.38	-3117.11	9.731e+04	7.280e+05	2259.44
1	18	550.00	804.63	2227.98	-9927.18	6.648e+04	-3.753e+05	2057.18
1	19	0.0	8888.36	-3790.76	-8355.38	-1.253e+05	8.473e+05	-1.242e+04
1	19	125.00	5052.78	-3275.74	-3.040e+04	-1.542e+05	-1.572e+06	-3400.48
1	19	250.00	2518.29	-2136.26	-1.308e+04	-2.011e+04	-9.867e+04	604.02
1	19	375.00	996.25	-2507.73	-3238.44	-5.620e+04	6.924e+05	-1892.97
1	19	550.00	3067.05	-2254.11	-9382.88	-3.280e+04	-3.732e+05	-4821.42
1	23	0.0	2014.02	-1.596e+04	-8221.65	-4.198e+05	8.714e+05	-2.761e+04
1	23	125.00	-661.72	-1.544e+04	-3.027e+04	-4.229e+05	-1.547e+06	-1.253e+04
1	23	250.00	-1789.94	-1.328e+04	-1.310e+04	2.696e+04	-8.579e+04	-2907.92
1	23	375.00	-1366.45	-1.078e+04	-3199.71	9.014e+04	7.059e+05	-4879.44
1	23	550.00	2339.36	-7757.16	-9591.88	-7.132e+04	-3.739e+05	-1.154e+04
1	31	0.0	2042.81	-1.161e+04	-8220.76	-4.530e+05	8.713e+05	-2.766e+04
1	31	125.00	-655.82	-1.110e+04	-3.027e+04	-4.533e+05	-1.547e+06	-1.356e+04
1	31	250.00	-1665.62	-9857.76	-1.311e+04	4672.51	-8.561e+04	-4605.38
1	31	375.00	-1487.87	-8711.85	-3202.67	-1.300e+05	7.062e+05	-5883.69
1	31	550.00	2324.04	-7155.36	-9591.54	-1.110e+05	-3.740e+05	-1.209e+04
1	50	0.0	-7360.97	1274.13	-8305.87	1.492e+05	9.128e+05	-2641.75
1	50	125.00	-8420.88	1789.16	-3.035e+04	9.287e+04	-1.504e+06	3185.32
1	50	250.00	-7746.72	1390.93	-1.316e+04	4.125e+04	-7.318e+04	4529.72
1	50	375.00	-4820.20	1495.61	-3143.23	6.232e+04	7.200e+05	1321.12
1	50	550.00	1324.45	1212.27	-9803.71	4.398e+04	-3.747e+05	505.02
1	51	0.0	4117.53	-2306.47	-8332.51	-4.470e+04	8.666e+05	-9554.67
1	51	125.00	1093.11	-1791.44	-3.038e+04	-8.165e+04	-1.552e+06	-1465.86
1	51	250.00	-503.25	-1102.97	-1.310e+04	-3449.51	-9.114e+04	1743.58
1	51	375.00	-718.34	-1334.96	-3212.32	-2.121e+04	7.005e+05	-954.66
1	51	550.00	2547.23	-1238.39	-9506.35	-1.030e+04	-3.737e+05	-3269.26
1	55	0.0	363.73	-8959.59	-8263.84	-2.049e+05	8.797e+05	-1.786e+04
1	55	125.00	-2025.95	-8444.57	-3.031e+04	-2.274e+05	-1.538e+06	-6432.94
1	55	250.00	-2854.16	-7195.03	-1.311e+04	2.066e+04	-8.410e+04	-195.08
1	55	375.00	-2009.71	-5856.77	-3190.11	5.604e+04	7.079e+05	-2563.59
1	55	550.00	2154.94	-4246.52	-9620.90	-3.061e+04	-3.741e+05	-6955.56
1	63	0.0	379.70	-6583.34	-8263.34	-2.234e+05	8.796e+05	-1.789e+04
1	63	125.00	-2022.25	-6068.31	-3.031e+04	-2.445e+05	-1.538e+06	-7013.56
1	63	250.00	-2783.11	-5325.76	-1.312e+04	8965.06	-8.403e+04	-1093.36
1	63	375.00	-2069.50	-4727.80	-3191.81	-6.015e+04	7.081e+05	-3142.92
1	63	550.00	2147.43	-3918.20	-9620.24	-5.262e+04	-3.741e+05	-7260.04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.238e+04	-1.596e+04	-3.964e+04	-4.533e+05	-1.999e+06	-2.766e+04
			8888.36	3273.45	-3117.11	2.298e+05	1.165e+06	5669.28

Macro	Tipo	Angolo 1-Z (gradi)
2	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
2	2	0.0	1078.35	-773.61	7703.47	9.871e+04	-1.103e+06	7826.31
2	2	125.00	-3847.80	-195.34	3.916e+04	1.836e+04	1.826e+06	-2067.25
2	2	250.00	-4401.86	-85.67	1.785e+04	-3.346e+04	-3315.02	-4329.76
2	2	375.00	-3010.59	-697.14	4787.36	-1.002e+05	-9.450e+05	682.01
2	2	550.00	2310.39	-1437.56	1.259e+04	6.769e+04	4.822e+05	9960.17
2	3	0.0	3167.21	-792.40	7298.36	8.282e+04	-1.072e+06	7965.17
2	3	125.00	-1900.46	-190.05	3.926e+04	7782.19	1.837e+06	-2135.61
2	3	250.00	-2606.34	-63.00	1.782e+04	-3.857e+04	-1.694e+04	-4365.71
2	3	375.00	-1272.31	-653.87	4912.92	-1.027e+05	-9.520e+05	655.64
2	3	550.00	4103.13	-1363.99	1.342e+04	5.603e+04	5.440e+05	9906.22
2	8	0.0	-7941.65	3156.79	6515.63	2.077e+05	-8.981e+05	-1133.37
2	8	125.00	-9840.55	3606.20	3.079e+04	1.052e+05	1.344e+06	-6150.38
2	8	250.00	-8528.38	2577.43	1.382e+04	-9.398e+04	-2.034e+04	-5309.36
2	8	375.00	-5203.05	1827.81	3627.85	-5.825e+04	-7.438e+05	-1260.38
2	8	550.00	1242.92	763.37	1.013e+04	8.000e+04	3.855e+05	4572.73
2	13	0.0	1.069e+04	-3381.96	5119.32	-8.561e+04	-7.807e+05	1.242e+04
2	13	125.00	4608.13	-2932.55	2.939e+04	-1.268e+05	1.466e+06	2512.61
2	13	250.00	2616.63	-2197.61	1.364e+04	-1.254e+05	1.120e+04	-1862.92
2	13	375.00	1426.70	-3016.75	3791.26	-1.598e+05	-7.117e+05	2731.78
2	13	550.00	3172.85	-3236.86	9600.08	-4142.74	3.841e+05	1.115e+04
2	29	0.0	4606.28	-1.607e+04	5489.64	-3.367e+05	-8.159e+05	2.890e+04
2	29	125.00	-265.54	-1.562e+04	2.976e+04	-2.878e+05	1.429e+06	1.236e+04
2	29	250.00	-1020.20	-1.337e+04	1.369e+04	1.970e+04	-764.99	2055.91
2	29	375.00	-1202.42	-1.129e+04	3744.99	-9.691e+04	-7.229e+05	6213.36
2	29	550.00	2559.69	-8760.92	9792.46	-4.976e+04	3.848e+05	1.870e+04
2	40	0.0	-3744.76	1455.07	6196.03	1.460e+05	-8.716e+05	2116.69
2	40	125.00	-6516.44	1904.48	3.047e+04	6.327e+04	1.372e+06	-4088.26
2	40	250.00	-6009.27	1382.03	1.378e+04	-6.176e+04	-1.315e+04	-4409.08
2	40	375.00	-3704.03	761.42	3662.25	-6.756e+04	-7.365e+05	-458.60
2	40	550.00	1681.19	-75.62	1.001e+04	6.581e+04	3.852e+05	5958.53
2	45	0.0	6429.48	-2120.11	5441.25	-1.397e+04	-8.075e+05	9527.11
2	45	125.00	1378.30	-1670.70	2.971e+04	-6.352e+04	1.438e+06	643.90
2	45	250.00	81.26	-1229.33	1.368e+04	-8.026e+04	3978.40	-2529.69
2	45	375.00	-97.67	-1887.90	3754.13	-1.226e+05	-7.190e+05	1729.92
2	45	550.00	2720.44	-2262.73	9721.66	2.006e+04	3.846e+05	9565.92
2	61	0.0	3106.00	-9056.16	5640.65	-1.502e+05	-8.267e+05	1.854e+04
2	61	125.00	-1278.37	-8606.75	2.991e+04	-1.526e+05	1.418e+06	5999.93
2	61	250.00	-1910.64	-7341.27	1.371e+04	-4122.36	-2549.95	-357.82
2	61	375.00	-1516.76	-6411.19	3727.58	-8.800e+04	-7.252e+05	3601.62
2	61	550.00	2388.54	-5282.34	9827.00	-4152.32	3.849e+05	1.370e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-9840.55	-1.607e+04	3627.85	-3.367e+05	-1.103e+06	-6150.38
			1.069e+04	3606.20	3.926e+04	2.077e+05	1.837e+06	2.890e+04

Macro	Tipo	Angolo 1-Z (gradi)
3	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	2	0.0	-6.877e+04	1681.48	1.275e+05	5.435e+05	-9.781e+06	-1.699e+04
3	2	125.00	-6.558e+04	348.19	1.484e+05	2.271e+05	7.465e+06	-1734.18
3	2	250.00	-5.240e+04	-210.69	2.744e+04	3.035e+05	6.648e+06	7501.13
3	2	375.00	-4.148e+04	-67.47	-2.942e+04	3.142e+05	1.003e+06	4102.08
3	2	550.00	-3.207e+04	306.64	-2.678e+04	2.308e+05	-3.633e+06	-1805.06
3	3	0.0	-6.457e+04	1703.74	1.278e+05	5.277e+05	-9.769e+06	-1.733e+04
3	3	125.00	-6.121e+04	324.87	1.490e+05	2.162e+05	7.532e+06	-1565.44
3	3	250.00	-4.778e+04	-250.88	2.740e+04	3.136e+05	6.681e+06	7537.50
3	3	375.00	-3.677e+04	-110.97	-2.917e+04	3.225e+05	1.048e+06	4126.75
3	3	550.00	-2.743e+04	228.53	-2.585e+04	2.190e+05	-3.492e+06	-1629.52
3	4	0.0	-5.388e+04	1290.93	9.818e+04	4.222e+05	-7.535e+06	-1.302e+04
3	4	125.00	-5.147e+04	273.43	1.142e+05	1.773e+05	5.737e+06	-1368.98
3	4	250.00	-4.139e+04	-153.56	2.109e+04	2.317e+05	5.109e+06	5769.29
3	4	375.00	-3.301e+04	-41.86	-2.270e+04	2.400e+05	7.609e+05	3149.19
3	4	550.00	-2.575e+04	253.94	-2.083e+04	1.804e+05	-2.829e+06	-1430.45
3	6	0.0	-5.862e+04	1.552e+04	9.750e+04	-1.588e+06	-7.506e+06	-2.492e+04
3	6	125.00	-5.486e+04	1.449e+04	1.136e+05	-1.465e+06	5.750e+06	-7805.21

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
3	6	250.00	-4.285e+04	1.119e+04	2.097e+04	-6.432e+05	5.086e+06	5757.41
3	6	375.00	-3.301e+04	8230.63	-2.251e+04	-4.500e+05	7.405e+05	2062.14
3	6	550.00	-2.364e+04	5300.78	-1.989e+04	-1.983e+05	-2.761e+06	-8171.02
3	13	0.0	-4.381e+04	1.803e+04	9.824e+04	-1.739e+06	-7.495e+06	-2.092e+04
3	13	125.00	-4.325e+04	1.700e+04	1.143e+05	-1.634e+06	5.767e+06	-6956.74
3	13	250.00	-3.495e+04	1.357e+04	2.124e+04	-9.974e+05	5.157e+06	9156.00
3	13	375.00	-2.806e+04	1.082e+04	-2.262e+04	-7.827e+05	8.207e+05	4337.45
3	13	550.00	-2.326e+04	7882.95	-2.068e+04	-3.073e+05	-2.758e+06	-5250.86
3	29	0.0	-2.664e+04	3559.13	9.920e+04	-2.585e+05	-7.483e+06	-1.597e+04
3	29	125.00	-2.957e+04	2525.24	1.153e+05	-2.959e+05	5.779e+06	-6741.58
3	29	250.00	-2.452e+04	936.31	2.159e+04	-1.165e+05	5.242e+06	4199.22
3	29	375.00	-2.216e+04	370.04	-2.276e+04	2.498e+05	9.192e+05	1721.76
3	29	550.00	-2.281e+04	-47.11	-2.167e+04	1.129e+05	-2.749e+06	-3524.90
3	36	0.0	-7.714e+04	-1213.12	9.685e+04	1.112e+06	-7.541e+06	-1.089e+04
3	36	125.00	-6.920e+04	-2247.00	1.130e+05	6.660e+05	5.716e+06	4240.89
3	36	250.00	-5.368e+04	-1554.49	2.067e+04	6.692e+05	4.996e+06	6937.64
3	36	375.00	-3.941e+04	-820.21	-2.236e+04	2.870e+05	6.443e+05	4418.32
3	36	550.00	-2.432e+04	88.36	-1.906e+04	2.649e+05	-2.769e+06	101.85
3	38	0.0	-5.557e+04	9073.41	9.774e+04	-6.780e+05	-7.509e+06	-1.959e+04
3	38	125.00	-5.237e+04	8039.52	1.138e+05	-7.225e+05	5.749e+06	-4859.35
3	38	250.00	-4.121e+04	6040.07	2.104e+04	-2.489e+05	5.101e+06	5767.01
3	38	375.00	-3.200e+04	4472.95	-2.254e+04	-1.339e+05	7.592e+05	2557.23
3	38	550.00	-2.361e+04	2996.60	-2.011e+04	-2.774e+04	-2.760e+06	-5050.78
3	45	0.0	-4.747e+04	1.045e+04	9.813e+04	-7.612e+05	-7.503e+06	-1.740e+04
3	45	125.00	-4.603e+04	9415.35	1.142e+05	-8.150e+05	5.758e+06	-4393.45
3	45	250.00	-3.687e+04	7345.50	2.119e+04	-4.376e+05	5.140e+06	7626.43
3	45	375.00	-2.929e+04	5889.92	-2.259e+04	-3.140e+05	8.030e+05	3805.56
3	45	550.00	-2.340e+04	4409.34	-2.054e+04	-8.794e+04	-2.758e+06	-3445.49
3	61	0.0	-3.809e+04	2532.64	9.865e+04	4.718e+04	-7.496e+06	-1.469e+04
3	61	125.00	-3.857e+04	1498.75	1.148e+05	-8.279e+04	5.765e+06	-4272.96
3	61	250.00	-3.116e+04	434.83	2.138e+04	4.277e+04	5.186e+06	4910.80
3	61	375.00	-2.607e+04	174.23	-2.266e+04	2.430e+05	8.569e+05	2366.30
3	61	550.00	-2.314e+04	72.49	-2.108e+04	1.419e+05	-2.754e+06	-2529.58
3	68	0.0	-6.569e+04	-75.25	9.740e+04	7.946e+05	-7.528e+06	-1.188e+04
3	68	125.00	-6.021e+04	-1109.14	1.135e+05	4.411e+05	5.730e+06	1728.70
3	68	250.00	-4.713e+04	-927.66	2.088e+04	4.714e+05	5.052e+06	6409.53
3	68	375.00	-3.550e+04	-476.81	-2.246e+04	2.716e+05	7.067e+05	3857.21
3	68	550.00	-2.399e+04	146.91	-1.965e+04	2.231e+05	-2.764e+06	-562.69
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7.714e+04	-2247.00	-2.942e+04	-1.739e+06	-9.781e+06	-2.492e+04
			-2.216e+04	1.803e+04	1.490e+05	1.112e+06	7.532e+06	9156.00

Macro	Tipo	Angolo 1-Z (gradi)
4	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
4	2	0.0	-6.809e+04	1542.12	-1.290e+05	5.403e+05	9.772e+06	1.815e+04
4	2	125.00	-6.375e+04	5.80	-1.486e+05	1.215e+05	-7.575e+06	3343.45
4	2	250.00	-5.046e+04	-564.99	-2.734e+04	-1.748e+04	-6.744e+06	-6366.89
4	2	375.00	-3.918e+04	-616.61	2.883e+04	-2.833e+05	-1.111e+06	-4129.11
4	2	550.00	-2.953e+04	-564.12	2.533e+04	-5.517e+05	3.310e+06	-5388.42
4	3	0.0	-6.423e+04	1624.85	-1.293e+05	5.301e+05	9.769e+06	1.848e+04
4	3	125.00	-5.976e+04	52.16	-1.492e+05	1.257e+05	-7.639e+06	3148.65
4	3	250.00	-4.628e+04	-534.59	-2.728e+04	2.287e+04	-6.776e+06	-6426.79
4	3	375.00	-3.492e+04	-584.53	2.862e+04	-2.238e+05	-1.153e+06	-4131.50
4	3	550.00	-2.534e+04	-550.93	2.447e+04	-4.876e+05	3.181e+06	-5418.00
4	4	0.0	-5.329e+04	1169.82	-9.926e+04	4.184e+05	7.527e+06	1.392e+04
4	4	125.00	-4.998e+04	-6.11	-1.143e+05	9.254e+04	-5.822e+06	2613.52
4	4	250.00	-3.980e+04	-442.46	-2.101e+04	-2.236e+04	-5.184e+06	-4891.57
4	4	375.00	-3.113e+04	-481.91	2.224e+04	-2.318e+05	-8.448e+05	-3175.88
4	4	550.00	-2.369e+04	-437.30	1.969e+04	-4.395e+05	2.578e+06	-4141.84
4	6	0.0	-4.311e+04	1.785e+04	-9.940e+04	-1.793e+06	7.505e+06	2.093e+04
4	6	125.00	-4.173e+04	1.666e+04	-1.145e+05	-1.742e+06	-5.834e+06	9215.55
4	6	250.00	-3.350e+04	1.334e+04	-2.120e+04	-1.242e+06	-5.227e+06	-8826.23
4	6	375.00	-2.632e+04	1.035e+04	2.215e+04	-1.221e+06	-9.022e+05	-3471.80

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
4	6	550.00	-2.140e+04	7114.36	1.960e+04	-8.609e+05	2.512e+06	-504.69
4	13	0.0	-5.840e+04	1.563e+04	-9.859e+04	-1.734e+06	7.489e+06	2.484e+04
4	13	125.00	-5.382e+04	1.444e+04	-1.137e+05	-1.665e+06	-5.848e+06	8634.90
4	13	250.00	-4.210e+04	1.107e+04	-2.086e+04	-1.170e+06	-5.163e+06	-5144.35
4	13	375.00	-3.142e+04	7987.27	2.208e+04	-9.529e+05	-8.240e+05	-2119.24
4	13	550.00	-2.190e+04	4778.32	1.886e+04	-7.794e+05	2.520e+06	-1330.24
4	30	0.0	-2.537e+04	3583.23	-1.005e+05	-2.793e+05	7.536e+06	1.504e+04
4	30	125.00	-2.745e+04	2395.47	-1.157e+05	-3.873e+05	-5.812e+06	7883.79
4	30	250.00	-2.311e+04	961.10	-2.164e+04	-4.389e+05	-5.300e+06	-3712.48
4	30	375.00	-2.058e+04	300.37	2.223e+04	-1.305e+05	-9.994e+05	-1827.64
4	30	550.00	-2.117e+04	-268.51	2.054e+04	-3.479e+05	2.496e+06	-1413.13
4	35	0.0	-7.753e+04	-1018.09	-9.775e+04	1.099e+06	7.479e+06	1.231e+04
4	35	125.00	-6.874e+04	-2205.85	-1.129e+05	5.708e+05	-5.850e+06	-2448.08
4	35	250.00	-5.260e+04	-1599.50	-2.045e+04	4.191e+05	-5.085e+06	-6590.28
4	35	375.00	-3.766e+04	-950.03	2.199e+04	-3.256e+05	-7.286e+05	-4242.83
4	35	550.00	-2.227e+04	-218.03	1.799e+04	-4.966e+05	2.532e+06	-6645.76
4	38	0.0	-4.689e+04	1.031e+04	-9.928e+04	-7.917e+05	7.506e+06	1.781e+04
4	38	125.00	-4.461e+04	9118.10	-1.144e+05	-9.091e+05	-5.833e+06	6189.19
4	38	250.00	-3.545e+04	7101.34	-2.113e+04	-6.795e+05	-5.211e+06	-7053.70
4	38	375.00	-2.759e+04	5448.86	2.213e+04	-7.563e+05	-8.849e+05	-3338.68
4	38	550.00	-2.155e+04	3695.45	1.945e+04	-6.547e+05	2.513e+06	-2172.37
4	45	0.0	-5.525e+04	9093.14	-9.884e+04	-7.589e+05	7.498e+06	1.995e+04
4	45	125.00	-5.121e+04	7905.38	-1.140e+05	-8.670e+05	-5.840e+06	5880.34
4	45	250.00	-4.015e+04	5860.86	-2.094e+04	-6.413e+05	-5.177e+06	-5038.66
4	45	375.00	-3.038e+04	4156.60	2.210e+04	-6.114e+05	-8.422e+05	-2598.70
4	45	550.00	-2.182e+04	2417.13	1.905e+04	-6.106e+05	2.517e+06	-2636.52
4	54	0.0	-3.740e+04	5332.87	-9.987e+04	1.768e+04	7.520e+06	1.373e+04
4	54	125.00	-3.694e+04	4145.11	-1.150e+05	-2.563e+05	-5.820e+06	3053.77
4	54	250.00	-2.978e+04	3119.43	-2.136e+04	-2.340e+05	-5.249e+06	-7235.38
4	54	375.00	-2.446e+04	2484.01	2.219e+04	-4.521e+05	-9.358e+05	-5129.52
4	54	550.00	-2.127e+04	1709.80	1.995e+04	-4.756e+05	2.506e+06	-3533.63
4	67	0.0	-6.570e+04	-10.83	-9.839e+04	7.871e+05	7.492e+06	1.307e+04
4	67	125.00	-5.937e+04	-1198.59	-1.135e+05	3.543e+05	-5.841e+06	-203.54
4	67	250.00	-4.591e+04	-1068.10	-2.072e+04	2.270e+05	-5.134e+06	-5826.89
4	67	375.00	-3.379e+04	-730.94	2.205e+04	-2.668e+05	-7.902e+05	-3766.79
4	67	550.00	-2.202e+04	-314.07	1.857e+04	-4.578e+05	2.524e+06	-5489.53
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7.753e+04	-2205.85	-1.492e+05	-1.793e+06	-7.639e+06	-8826.23
			-2.058e+04	1.785e+04	2.883e+04	1.099e+06	9.772e+06	2.484e+04

Macro	Tipo	Angolo 1-X (gradi)
5	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
5	2	5	74.97	24.53	24.62	74.88	-2.09	244.64	-958.68	-515.08	-198.96	-580.53
5	2	6	75.48	32.56	32.98	75.06	4.19	379.33	-1242.27	-482.86	-380.08	809.17
5	2	7	124.20	28.91	32.50	120.61	18.16	165.15	-1223.56	-575.77	-482.65	692.79
5	2	8	78.72	36.76	36.87	78.61	-2.15	367.23	-1333.19	-588.20	-377.77	-843.68
5	2	22	0.38	-124.22	-1.00	-122.84	-13.03	7209.77	192.12	192.36	7209.53	40.60
5	2	24	72.72	21.17	27.82	66.07	-17.28	-129.12	-1548.51	-1436.45	-241.18	382.75
5	2	27	1.25	-78.16	1.25	-78.16	0.39	6568.09	927.37	1368.38	6127.07	-1514.31
5	2	34	41.16	-85.10	41.04	-84.99	3.80	1980.59	1396.43	1457.62	1919.39	-178.89
5	2	36	36.22	-37.75	35.51	-37.04	7.23	1099.39	364.94	437.50	1026.84	-219.14
5	2	38	69.31	14.33	19.46	64.18	16.00	-173.25	-1502.59	-1447.01	-228.83	-266.07
5	2	43	34.81	-39.52	34.08	-38.79	-7.31	1486.33	298.86	499.86	1285.33	445.28
5	2	46	39.40	-14.08	30.09	-4.77	20.28	958.47	-221.49	-39.23	776.21	-426.43
5	2	49	59.01	-21.98	57.81	-20.77	-9.82	-43.85	-938.12	-934.60	-47.38	-56.07
5	2	52	4.98	-97.90	4.90	-97.82	-2.89	7511.90	1671.58	1684.61	7498.88	-275.47
5	2	54	41.72	-63.84	41.30	-63.41	-6.67	2185.04	780.51	1099.37	1866.18	-588.36
5	2	55	54.68	-85.41	54.28	-85.01	-7.47	2463.46	754.02	1701.70	1515.78	849.65
5	2	56	36.17	-100.77	35.56	-100.15	9.17	2323.24	1630.13	1636.46	2316.91	65.94
5	2	64	8.25	-91.68	8.22	-91.65	-1.69	7118.60	1371.91	1576.24	6914.26	1064.18
5	2	68	71.84	17.29	34.81	54.32	25.47	-223.63	-1684.52	-1649.18	-258.97	-224.46
5	2	69	1.00	-97.96	-3.31e-02	-96.92	-10.05	7715.13	1861.02	1866.32	7709.84	175.99
5	2	71	49.96	-103.60	49.87	-103.51	-3.70	2518.43	1826.54	1827.59	2517.38	-26.93

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
5	2	75	42.61	-87.84	42.57	-87.80	-2.11	2420.54	1367.22	1488.02	2299.74	335.63
5	2	80	16.43	-46.33	15.61	-45.52	7.11	5126.97	-39.07	961.41	4126.49	-2041.46
5	2	82	81.96	6.13	20.94	67.15	-30.06	-202.73	-1513.63	-1496.20	-220.16	150.13
5	2	84	0.59	-102.24	-1.47	-100.18	14.41	5301.94	-35.87	880.14	4385.93	2012.56
5	2	88	4.60	-92.45	4.54	-92.39	-2.37	7221.41	1381.96	1613.08	6990.28	-1138.52
5	2	90	18.89	-45.49	17.74	-44.34	-8.53	5035.29	-29.74	928.53	4077.02	1983.79
5	2	98	12.70	-24.05	8.03	-19.38	12.24	4058.97	-501.64	655.09	2902.24	-1984.28
5	3	5	77.34	25.68	25.87	77.16	-3.10	303.27	-1034.34	-531.75	-199.32	-647.82
5	3	6	77.50	32.84	33.45	76.89	5.17	445.67	-1325.88	-500.16	-380.05	883.74
5	3	7	128.69	29.51	33.95	124.25	20.51	245.47	-1296.91	-600.48	-450.96	767.56
5	3	8	80.41	37.14	37.37	80.17	-3.18	437.98	-1423.63	-605.93	-379.73	-923.91
5	3	22	-4.79e-02	-124.61	-1.32	-123.34	-12.52	6733.04	117.27	117.31	6733.00	16.79
5	3	24	75.01	22.96	29.77	68.20	-17.55	-147.43	-1810.19	-1668.10	-289.52	464.84
5	3	27	2.39	-77.57	2.39	-77.57	0.27	6374.31	827.94	1323.43	5878.83	-1581.97
5	3	34	42.68	-84.69	42.57	-84.57	3.79	2386.30	1564.03	1620.11	2330.22	-207.30
5	3	36	37.83	-37.13	37.16	-36.47	7.05	1447.96	515.13	626.32	1336.76	-302.26
5	3	38	71.52	16.02	21.29	66.24	16.28	-206.48	-1775.10	-1701.14	-280.44	-332.49
5	3	43	36.38	-38.93	35.69	-38.24	-7.18	1816.23	404.51	667.87	1552.87	549.94
5	3	46	41.21	-12.92	32.15	-3.86	20.21	1217.99	-165.94	82.17	969.88	-530.86
5	3	49	60.99	-22.15	59.63	-20.79	-10.53	154.10	-878.59	-875.74	151.26	-54.09
5	3	52	6.12	-97.55	6.03	-97.46	-2.99	7248.48	1620.15	1634.91	7233.72	-287.84
5	3	54	43.45	-63.31	43.01	-62.87	-6.82	2514.62	891.59	1237.96	2168.26	-664.98
5	3	55	56.72	-84.63	56.40	-84.31	-6.74	2885.72	921.91	1880.43	1927.20	981.63
5	3	56	37.48	-100.33	36.83	-99.68	9.45	2751.65	1769.15	1773.63	2747.17	66.20
5	3	64	9.54	-91.15	9.51	-91.11	-1.80	6880.06	1300.09	1527.97	6652.18	1104.36
5	3	68	74.09	19.30	36.79	56.60	25.54	-246.31	-1951.84	-1894.87	-303.27	-306.45
5	3	69	2.38	-97.04	1.15	-95.82	-10.98	7471.28	1806.51	1812.32	7465.47	181.33
5	3	71	51.72	-103.32	51.62	-103.23	-3.80	2875.67	1964.80	1965.51	2874.96	-25.43
5	3	75	44.16	-87.40	44.13	-87.37	-2.15	2772.66	1509.56	1630.37	2651.85	371.49
5	3	80	17.43	-45.72	16.61	-44.90	7.16	5052.31	-211.49	927.91	3912.91	-2167.80
5	3	82	85.41	7.33	22.59	70.15	-30.96	-253.58	-1787.75	-1753.38	-287.95	227.04
5	3	84	0.86	-102.69	-1.16	-100.66	14.35	5192.00	-258.82	843.46	4089.72	2189.36
5	3	88	5.84	-91.78	5.77	-91.72	-2.47	6993.42	1309.84	1566.93	6736.32	-1181.15
5	3	90	19.89	-44.89	18.71	-43.71	-8.67	4950.92	-197.90	894.92	3858.10	2105.34
5	3	98	13.47	-23.09	8.91	-18.53	12.09	4033.74	-681.21	628.06	2724.46	-2111.62
5	32	5	64.95	30.06	34.95	60.06	-12.11	160.22	-719.91	-402.87	-156.82	-422.52
5	32	6	65.68	34.73	42.52	57.90	13.43	286.91	-943.17	-370.35	-285.91	613.59
5	32	7	93.32	11.31	11.53	93.10	4.30	178.64	-995.38	-449.15	-367.59	585.59
5	32	8	60.87	8.28	10.68	58.47	10.97	326.31	-1079.11	-457.95	-294.85	-697.96
5	32	22	-47.06	-111.26	-48.88	-109.44	-10.65	5599.19	140.71	140.90	5599.01	31.94
5	32	24	49.20	25.81	25.89	49.12	1.42	-98.09	-1218.07	-1127.27	-188.88	305.68
5	32	27	48.43	-52.52	48.28	-52.37	-3.91	4852.89	680.19	1026.72	4506.36	-1151.46
5	32	34	21.16	-67.18	19.64	-65.65	11.51	1657.37	1130.86	1169.72	1618.51	-137.65
5	32	36	26.94	-35.49	19.98	-28.53	19.65	949.12	323.48	385.62	886.98	-187.12
5	32	38	63.70	-4.84	10.50	48.36	28.57	-139.33	-1228.97	-1176.60	-191.70	-233.06
5	32	43	36.11	-28.55	35.33	-27.76	7.09	1180.60	251.67	423.02	1009.24	360.30
5	32	46	31.36	0.49	30.92	0.93	3.65	751.57	-166.63	-8.93	593.88	-346.30
5	32	49	44.78	-20.37	37.11	-12.69	-21.00	17.48	-730.20	-726.55	13.84	-52.07
5	32	52	57.80	-66.78	57.79	-66.78	-0.88	5539.34	1252.45	1263.03	5528.75	-212.78
5	32	54	47.21	-49.86	45.78	-48.43	-11.69	1676.26	582.11	849.85	1408.52	-470.39
5	32	55	24.18	-73.67	22.75	-72.23	-11.76	2021.50	637.90	1366.13	1293.27	690.84
5	32	56	14.62	-79.25	13.84	-78.48	8.48	1948.76	1295.07	1300.19	1943.64	57.64
5	32	64	55.83	-62.07	55.70	-61.93	3.92	5263.90	1027.42	1185.90	5105.42	803.92
5	32	68	44.54	25.27	27.81	41.99	6.53	-178.27	-1330.51	-1304.14	-204.64	-172.31
5	32	69	-47.95	-82.80	-48.90	-81.85	-5.68	6023.46	1432.89	1436.67	6019.68	131.69
5	32	71	54.55	-77.41	54.52	-77.39	-1.94	1917.09	1412.92	1413.62	1916.39	-18.76
5	32	75	48.07	-65.02	47.78	-64.73	5.73	1859.08	1050.53	1150.39	1759.22	266.02
5	32	80	-9.01	-48.58	-18.58	-39.01	16.95	3991.43	-87.51	729.54	3174.38	-1632.51
5	32	82	76.69	-4.50	18.03	54.16	-36.35	-179.78	-1276.10	-1260.54	-195.33	129.67
5	32	84	-15.02	-76.79	-15.03	-76.78	0.84	4177.27	-85.25	689.56	3402.46	1643.87
5	32	88	-42.89	-78.34	-43.88	-77.34	5.84	5621.13	1051.58	1239.52	5433.20	-907.45
5	32	90	44.90	-28.66	44.84	-28.61	1.99	3748.88	-50.11	695.83	3002.94	1509.10
5	32	98	34.44	-9.31	34.44	-9.31	0.34	3025.86	-401.69	492.71	2131.46	-1505.20
5	35	5	59.07	3.11	3.99	58.18	7.00	233.50	-782.28	-397.70	-151.08	-492.69
5	35	6	57.53	6.26	7.76	56.02	-8.65	336.64	-1012.02	-378.91	-296.46	673.07
5	35	7	108.47	29.75	40.93	97.29	27.48	104.30	-912.14	-447.15	-360.69	506.38
5	35	8	67.78	38.15	45.42	60.52	-12.74	279.81	-1018.82	-453.60	-285.41	-643.84
5	35	22	45.94	-78.33	45.70	-78.10	-5.41	5276.12	121.92	121.97	5276.08	15.51
5	35	24	66.57	-1.06	15.70	49.81	-29.20	-100.39	-1271.69	-1169.97	-202.11	329.85
5	35	27	-45.25	-67.06	-45.38	-66.93	1.70	5160.76	703.57	1057.99	4806.35	-1205.86
5	35	34	44.18	-65.01	44.02	-64.86	-4.08	1567.32	1089.94	1140.34	1516.92	-146.71
5	35	36	35.17	-28.34	34.32	-27.49	-7.27	907.80	315.25	381.42	841.64	-186.62
5	35	38	47.78	17.86	18.13	47.50	-2.87	-136.32	-1190.80	-1145.27	-181.85	-214.32

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
5	35	43	23.81	-38.10	16.74	-31.03	-19.69	1260.44	263.83	429.07	1095.20	370.65
5	35	46	34.25	-26.13	17.92	-9.81	26.82	837.39	-154.04	-2.02	685.36	-357.23
5	35	49	54.38	-23.45	53.76	-22.83	6.91	-3.75	-699.18	-697.35	-5.58	-35.63
5	35	52	-48.56	-84.46	-49.89	-83.13	-6.77	5879.82	1293.28	1303.16	5869.93	-212.69
5	35	54	19.74	-47.31	19.74	-47.30	0.34	1840.91	669.87	910.31	1600.47	-473.03
5	35	55	65.04	-55.45	65.00	-55.41	2.29	1964.99	599.81	1338.59	1226.21	680.27
5	35	56	43.49	-75.27	43.05	-74.83	7.21	1822.66	1275.37	1279.27	1818.76	46.02
5	35	64	-40.46	-81.02	-43.06	-78.41	-9.94	5560.33	1045.14	1212.58	5392.88	853.24
5	35	68	70.75	5.51	29.74	46.52	31.53	-183.02	-1401.03	-1366.86	-217.19	-201.13
5	35	69	48.37	-66.87	47.98	-66.48	-6.67	5724.46	1402.45	1406.81	5720.11	137.10
5	35	71	23.58	-81.75	23.27	-81.44	-5.66	2119.80	1459.62	1460.23	2119.19	-20.05
5	35	75	19.32	-71.28	18.01	-69.97	-10.82	2019.17	1111.59	1197.69	1933.07	265.95
5	35	80	42.79	-29.87	42.64	-29.73	-3.24	3838.92	-54.09	729.61	3055.22	-1561.01
5	35	82	56.76	14.43	16.59	54.60	-9.32	-162.15	-1200.65	-1184.47	-178.33	128.64
5	35	84	19.04	-87.49	13.31	-81.76	24.02	3933.61	-69.46	649.72	3214.43	1536.79
5	35	88	50.77	-65.07	50.45	-64.75	-6.10	5366.76	1036.59	1216.87	5186.47	-864.97
5	35	90	-7.05	-48.63	-17.30	-38.38	-17.92	3933.27	-75.90	712.35	3145.02	1593.39
5	35	98	-5.14	-37.96	-21.86	-21.24	16.41	3214.94	-448.88	504.57	2261.49	-1607.54
5	64	5	60.85	26.14	27.82	59.16	-7.46	179.09	-735.54	-401.42	-155.03	-440.41
5	64	6	61.02	31.76	34.79	57.99	8.91	296.08	-957.31	-372.50	-288.73	625.30
5	64	7	94.35	16.74	17.78	93.31	8.93	163.72	-978.17	-448.72	-365.72	569.43
5	64	8	60.16	18.10	18.74	59.52	5.14	313.84	-1063.97	-457.12	-293.00	-684.00
5	64	22	-25.75	-104.06	-27.12	-102.69	-10.30	5522.06	135.86	136.02	5521.90	28.99
5	64	24	51.13	23.03	24.05	50.10	-5.27	-100.50	-1233.09	-1141.21	-192.37	309.22
5	64	27	27.00	-55.85	26.95	-55.80	-2.02	4920.64	684.57	1033.28	4571.92	-1164.30
5	64	34	25.82	-66.10	25.19	-65.47	7.61	1639.19	1122.83	1164.47	1597.54	-140.61
5	64	36	26.65	-31.63	23.46	-28.44	13.25	938.97	320.00	383.21	875.77	-187.42
5	64	38	58.79	2.93	12.71	49.02	21.22	-140.05	-1223.93	-1174.05	-189.93	-227.10
5	64	43	31.38	-28.67	31.35	-28.64	1.34	1198.49	253.23	423.44	1028.28	363.21
5	64	46	30.22	-3.68	27.60	-1.06	9.05	772.26	-162.25	-5.76	615.77	-348.94
5	64	49	44.44	-18.02	40.61	-14.19	-14.98	15.36	-719.64	-716.53	12.24	-47.77
5	64	52	33.43	-70.57	33.41	-70.55	-1.50	5617.50	1261.63	1272.14	5606.99	-213.68
5	64	54	40.45	-49.37	39.59	-48.51	-8.73	1712.56	602.22	862.32	1452.45	-470.27
5	64	55	32.36	-69.82	31.57	-69.03	-8.96	2007.53	629.88	1358.45	1278.96	687.67
5	64	56	20.71	-78.37	20.09	-77.75	7.86	1920.40	1290.83	1295.58	1915.66	54.46
5	64	64	33.47	-65.76	33.45	-65.73	1.54	5332.48	1032.17	1192.40	5172.25	814.49
5	64	68	49.26	20.41	27.54	42.13	12.45	-177.89	-1342.40	-1313.51	-206.78	-181.15
5	64	69	-25.79	-79.25	-26.64	-78.40	-6.70	5954.76	1425.83	1429.79	5950.80	133.86
5	64	71	47.40	-78.39	47.36	-78.35	-2.36	1963.74	1423.65	1424.35	1963.03	-19.51
5	64	75	41.17	-65.99	41.11	-65.94	2.40	1897.31	1066.37	1162.82	1800.85	266.17
5	64	80	-0.82	-40.92	-4.62	-37.12	11.74	3959.92	-79.42	730.21	3150.29	-1617.06
5	64	82	70.69	-4.96e-02	17.31	53.32	-30.44	-174.34	-1253.51	-1237.25	-190.60	131.48
5	64	84	-8.26	-77.38	-8.70	-76.94	5.47	4118.30	-82.12	679.70	3356.48	1618.51
5	64	88	-22.19	-74.51	-22.30	-74.40	2.36	5564.45	1048.71	1234.60	5378.56	-897.16
5	64	90	30.85	-31.08	30.80	-31.02	-1.89	3794.59	-55.27	700.38	3038.94	1529.10
5	64	98	22.29	-12.33	21.72	-11.75	4.43	3065.38	-413.16	494.70	2157.52	-1527.68
5	67	5	58.33	10.71	10.89	58.15	2.99	219.07	-769.67	-398.62	-151.99	-478.74
5	67	6	57.22	15.54	15.78	56.98	-3.16	323.22	-994.88	-377.18	-294.48	657.75
5	67	7	102.40	27.05	33.86	95.59	21.60	123.09	-932.72	-447.66	-361.97	526.16
5	67	8	63.06	35.31	37.74	60.64	-7.83	288.44	-1031.06	-454.76	-287.86	-654.45
5	67	22	25.10	-86.05	24.60	-85.55	-7.43	5345.96	125.78	125.86	5345.88	20.21
5	67	24	61.69	7.26	18.48	50.48	-22.02	-101.79	-1262.21	-1164.41	-199.60	322.38
5	67	27	-24.25	-63.79	-24.28	-63.76	1.05	5088.83	697.35	1050.32	4735.86	-1193.93
5	67	34	38.53	-65.03	38.52	-65.02	-0.91	1589.29	1100.56	1148.63	1541.23	-145.54
5	67	36	31.34	-27.91	31.31	-27.88	-1.47	915.97	315.59	381.12	850.44	-187.21
5	67	38	49.05	16.38	16.88	48.55	4.03	-138.36	-1203.34	-1157.12	-184.58	-217.00
5	67	43	24.41	-33.65	21.19	-30.42	-13.30	1241.42	259.49	426.41	1074.50	368.83
5	67	46	32.47	-18.90	20.49	-6.93	21.72	819.01	-155.36	-1.91	665.56	-354.93
5	67	49	49.72	-19.72	49.71	-19.72	0.28	3.61	-702.85	-700.71	1.47	-38.83
5	67	52	-25.06	-79.90	-25.47	-79.49	-4.72	5803.49	1283.89	1294.00	5793.37	-213.58
5	67	54	25.41	-47.96	25.35	-47.90	-2.15	1802.22	649.91	895.16	1556.97	-471.65
5	67	55	54.68	-59.84	54.67	-59.83	-1.28	1976.50	608.98	1343.57	1241.91	681.87
5	67	56	36.51	-76.22	36.05	-75.76	7.16	1850.91	1279.77	1283.87	1846.81	48.20
5	67	64	-19.90	-75.41	-20.57	-74.74	-6.03	5494.35	1041.75	1206.87	5329.23	841.40
5	67	68	63.91	9.28	28.59	44.60	26.12	-180.39	-1380.84	-1347.64	-213.59	-196.87
5	67	69	26.88	-70.54	26.34	-69.99	-7.24	5791.69	1409.35	1413.63	5787.41	136.90
5	67	71	30.45	-80.73	30.27	-80.56	-4.40	2073.70	1448.70	1449.35	2073.05	-20.21
5	67	75	25.30	-69.27	24.83	-68.80	-6.66	1983.85	1099.01	1187.97	1894.89	266.08
5	67	80	28.87	-32.05	28.86	-32.05	0.70	3876.79	-61.17	730.27	3085.35	-1578.06
5	67	82	59.31	10.81	16.55	53.57	-15.66	-164.81	-1212.72	-1196.15	-181.37	130.72
5	67	84	10.46	-83.29	6.80	-79.64	18.15	3985.49	-73.48	657.95	3254.05	1560.09
5	67	88	29.47	-67.70	29.29	-67.52	-4.17	5425.74	1040.69	1222.45	5243.99	-874.05
5	67	90	1.16	-40.72	-3.19	-36.36	-12.78	3895.15	-69.38	709.31	3116.46	1575.05

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
5	67	98	0.32	-27.66	-9.07	-18.27	13.21	3168.69	-438.89	501.22	2228.58	-1583.58
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-124.61	-49.89	-123.34	-36.35		-1951.84	-1894.87	-482.65	-2167.80
			128.69		65.00	124.25	31.53	7715.13		1965.51	7709.84	2189.36

Macro	Tipo	Angolo 1-X (gradi)
6	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
6	3	1	460.68	-182.41	116.99	161.28	-320.78	2968.04	-1054.54	1000.79	912.71	2010.81
6	3	2	430.71	-185.17	122.20	123.34	307.94	3472.85	-1068.28	852.35	1552.22	-2243.44
6	3	3	452.11	-185.26	99.92	166.94	316.92	3108.33	-1126.82	1196.01	785.50	-2107.60
6	3	4	424.77	-198.15	102.16	124.46	-311.26	3510.05	-1152.03	992.27	1365.76	2323.55
6	3	13	-92.32	-356.90	-349.37	-99.84	43.99	-575.95	-3213.69	-2816.47	-973.18	943.39
6	3	14	-85.39	-378.55	-376.33	-87.61	-25.42	-994.92	-3684.93	-3381.46	-1298.40	-851.04
6	3	16	-329.24	-495.77	-334.95	-490.06	30.31	-3365.77	-1.654e+04	-3511.38	-1.640e+04	-1377.59
6	3	26	-331.43	-494.29	-337.48	-488.24	-30.80	-3343.18	-1.665e+04	-3487.41	-1.651e+04	1377.83
6	3	28	-111.74	-410.15	-404.58	-117.30	40.38	-1337.17	-4260.09	-4139.40	-1457.86	581.54
6	3	50	-351.36	-506.85	-351.75	-506.46	-7.78	-3995.87	-1.923e+04	-3999.03	-1.923e+04	219.27
6	3	58	-349.15	-507.77	-349.46	-507.46	7.08	-4005.93	-1.907e+04	-4008.85	-1.906e+04	-209.73
6	3	62	-353.97	-505.97	-356.68	-503.26	20.09	-3835.56	-1.849e+04	-3898.31	-1.843e+04	-956.90
6	3	72	-122.10	-394.32	-384.05	-132.37	-51.88	-935.19	-3801.99	-3626.39	-1110.80	-687.45
6	3	78	-284.62	-473.30	-285.67	-472.25	14.03	-2089.74	-1.227e+04	-2597.64	-1.177e+04	2216.90
6	3	83	-219.62	-407.56	-220.03	-407.15	-8.78	-1083.63	-9255.86	-1966.66	-8372.83	-2537.05
6	3	87	-347.93	-509.04	-351.31	-505.65	-23.12	-3826.47	-1.827e+04	-3892.28	-1.821e+04	972.84
6	3	89	-294.60	-468.23	-294.72	-468.11	-4.67	-1999.35	-1.232e+04	-2537.44	-1.178e+04	-2294.43
6	3	97	-223.20	-395.74	-223.74	-395.20	9.63	-959.38	-9143.98	-1884.92	-8218.45	2592.01
6	3	101	-182.42	-331.66	-233.96	-280.12	70.96	506.94	-1229.82	-217.02	-505.85	-856.29
6	3	102	-185.64	-325.69	-241.93	-269.40	-68.66	1206.36	-729.96	72.15	404.25	953.81
6	3	103	-233.51	-526.20	-233.51	-526.19	-1.09	-343.61	-637.35	-621.52	-359.44	-66.32
6	3	104	-220.66	-469.10	-220.69	-469.07	2.72	-88.43	-669.56	-484.83	-273.16	-270.61
6	3	105	-210.93	-466.75	-211.06	-466.63	-5.71	1470.19	-223.29	-143.98	1390.88	357.80
6	3	106	-219.56	-529.11	-219.56	-529.10	0.75	1604.66	-263.03	-260.04	1601.67	74.66
6	3	107	-211.56	-512.80	-211.62	-512.75	-3.91	1660.02	-233.60	-218.71	1645.13	-167.25
6	3	108	-195.14	-369.11	-226.01	-338.24	66.46	1865.69	-183.16	682.75	999.79	-1012.09
6	3	109	-225.49	-513.84	-225.75	-513.58	8.69	-184.01	-614.54	-595.14	-203.41	89.30
6	3	110	-187.14	-387.27	-223.58	-350.83	-77.23	1040.08	-950.08	295.81	-205.81	962.95
6	20	1	323.71	-133.83	78.64	111.23	-228.19	2115.17	-618.28	786.82	710.07	1366.18
6	20	2	336.45	-142.61	90.87	102.97	239.45	2692.62	-882.36	624.58	1185.69	-1765.33
6	20	3	336.87	-140.84	78.09	117.94	238.02	2250.12	-737.71	926.05	586.36	-1484.23
6	20	4	351.72	-155.01	89.33	107.38	-253.21	2723.57	-991.19	719.05	1013.34	1851.54
6	20	13	-81.73	-284.65	-273.38	-93.01	46.48	-498.28	-2372.22	-2158.80	-711.71	595.32
6	20	14	-52.08	-290.16	-288.35	-53.88	-20.63	-768.36	-3017.44	-2750.53	-1035.26	-727.35
6	20	16	-242.48	-376.78	-243.45	-375.81	11.37	-2594.74	-1.288e+04	-2718.98	-1.276e+04	-1123.67
6	20	26	-277.96	-376.98	-278.45	-376.49	-6.94	-2508.99	-1.270e+04	-2633.86	-1.258e+04	1121.34
6	20	28	-73.75	-306.60	-305.08	-75.27	18.75	-1070.34	-3427.76	-3328.38	-1169.72	473.72
6	20	50	-286.56	-388.46	-287.43	-387.59	9.38	-3028.04	-1.462e+04	-3035.50	-1.461e+04	294.03
6	20	58	-249.00	-388.34	-249.61	-387.73	-9.18	-3099.53	-1.477e+04	-3106.34	-1.476e+04	-281.86
6	20	62	-279.65	-392.19	-287.28	-384.56	28.29	-2925.02	-1.401e+04	-2960.14	-1.398e+04	-622.98
6	20	72	-109.86	-302.37	-295.24	-117.00	-36.36	-750.95	-2824.87	-2752.27	-823.55	-381.17
6	20	78	-203.29	-356.92	-203.51	-356.70	-5.80	-1635.80	-9519.41	-2026.72	-9128.50	1711.43
6	20	83	-161.26	-317.68	-162.41	-316.52	-13.37	-921.67	-7201.69	-1524.80	-6598.57	-1850.38
6	20	87	-240.57	-392.23	-248.51	-384.29	-33.78	-2990.45	-1.415e+04	-3028.04	-1.411e+04	646.55
6	20	89	-233.28	-354.70	-233.44	-354.53	4.52	-1510.88	-9302.71	-1919.74	-8893.84	-1737.42
6	20	97	-181.74	-313.25	-186.33	-308.66	24.13	-798.21	-6943.22	-1414.25	-6327.18	1845.56
6	20	101	-133.69	-271.26	-185.03	-219.93	66.53	767.90	-704.47	131.11	-67.68	-729.44
6	20	102	-144.66	-252.23	-184.91	-211.98	-52.06	1273.32	-392.51	334.59	546.22	826.16
6	20	103	-185.30	-402.12	-185.51	-401.91	6.79	-53.92	-428.77	-419.20	-63.49	59.11
6	20	104	-175.70	-361.60	-176.48	-360.81	12.03	212.64	-167.39	-108.49	153.74	-137.54
6	20	105	-159.42	-359.71	-159.78	-359.34	-8.52	1325.31	71.29	113.72	1282.87	226.75
6	20	106	-163.98	-405.38	-164.16	-405.20	-6.72	1285.53	-170.92	-170.23	1284.84	-31.74
6	20	107	-156.18	-391.48	-156.85	-390.81	-12.57	1179.77	-342.31	-313.82	1151.28	-206.28
6	20	108	-154.03	-270.73	-169.51	-255.25	39.59	1293.56	-314.53	368.01	611.02	-794.81
6	20	109	-176.71	-391.57	-177.34	-390.93	11.65	-44.15	-584.45	-535.39	-93.20	155.24
6	20	110	-145.29	-292.84	-173.77	-264.36	-58.23	722.43	-759.72	131.09	-168.38	725.79

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
6	35	1	381.10	-144.66	111.02	125.42	-262.78	2243.25	-859.69	742.39	641.17	1550.64
6	35	2	365.93	-146.22	116.89	102.82	255.98	2674.54	-929.08	611.76	1133.70	-1782.81
6	35	3	304.92	-131.52	52.72	120.68	215.56	2306.28	-727.69	933.45	645.14	-1510.12
6	35	4	298.65	-145.01	58.65	94.99	-221.08	2668.82	-833.06	762.55	1073.21	1744.03
6	35	13	-78.58	-259.32	-258.99	-78.91	7.74	-536.93	-2395.93	-2167.42	-765.44	610.40
6	35	14	-60.45	-277.98	-277.89	-60.53	4.31	-832.27	-2867.45	-2664.75	-1034.98	-609.47
6	35	16	-312.13	-381.92	-314.85	-379.20	13.51	-2460.19	-1.226e+04	-2576.55	-1.215e+04	-1061.67
6	35	26	-198.60	-373.99	-201.89	-370.69	-23.80	-2692.33	-1.333e+04	-2804.46	-1.322e+04	1086.33
6	35	28	-75.58	-326.26	-315.19	-86.64	51.49	-1004.50	-3391.65	-3271.91	-1124.24	521.06
6	35	50	-208.25	-385.88	-208.25	-385.87	1.23	-3181.58	-1.529e+04	-3185.04	-1.528e+04	204.74
6	35	58	-328.07	-390.09	-328.24	-389.91	3.25	-2967.95	-1.418e+04	-2971.35	-1.417e+04	-195.31
6	35	62	-210.53	-386.00	-215.23	-381.30	28.34	-3075.40	-1.471e+04	-3119.04	-1.466e+04	-711.07
6	35	72	-85.11	-323.20	-301.14	-107.17	-69.04	-688.84	-2994.43	-2847.74	-835.52	-562.74
6	35	78	-249.27	-366.57	-253.92	-361.93	22.88	-1530.58	-9076.12	-1906.20	-8700.51	1641.07
6	35	83	-200.69	-321.09	-207.07	-314.71	-26.97	-788.79	-6788.49	-1422.00	-6155.28	-1843.40
6	35	87	-321.84	-392.54	-324.41	-389.97	-13.24	-2830.78	-1.357e+04	-2877.30	-1.352e+04	705.30
6	35	89	-186.27	-356.24	-187.69	-354.83	15.44	-1627.99	-9859.05	-2047.23	-9439.81	-1809.71
6	35	97	-134.97	-302.23	-135.09	-302.11	-4.49	-850.29	-7411.89	-1541.19	-6720.98	2013.98
6	35	101	-148.29	-235.15	-167.17	-216.27	35.82	467.61	-1065.67	-123.54	-474.52	-746.29
6	35	102	-124.78	-275.80	-194.08	-206.50	-75.25	1103.37	-311.76	229.02	562.58	687.63
6	35	103	-157.24	-403.97	-157.28	-403.93	3.20	-474.43	-524.36	-511.87	-486.92	-21.63
6	35	104	-150.47	-359.94	-150.52	-359.89	-3.18	-189.67	-603.55	-406.07	-387.16	-206.72
6	35	105	-173.66	-357.41	-174.77	-356.31	-14.23	1424.46	10.05	51.13	1383.38	237.51
6	35	106	-182.83	-402.57	-182.83	-402.57	-2.89e-02	1489.48	-144.51	-144.03	1488.99	28.07
6	35	107	-174.49	-390.60	-174.58	-390.51	4.56	1489.79	-139.74	-128.22	1478.26	-136.55
6	35	108	-141.54	-296.20	-181.22	-256.52	67.54	1490.10	-0.39	570.25	919.45	-724.50
6	35	109	-151.56	-394.12	-152.99	-392.70	18.53	-366.69	-634.94	-582.76	-418.88	106.19
6	35	110	-145.22	-279.80	-157.78	-267.24	-39.15	720.23	-934.93	145.92	-360.62	787.87
6	52	1	336.24	-135.89	83.67	116.69	-235.49	2169.65	-696.43	772.32	700.91	1432.59
6	52	2	332.98	-141.35	92.45	99.18	237.14	2660.28	-846.64	631.48	1182.16	-1731.70
6	52	3	340.54	-140.66	77.45	122.43	239.55	2293.13	-787.27	916.73	589.13	-1531.46
6	52	4	339.35	-152.64	84.64	102.07	-245.84	2690.40	-935.41	732.01	1022.97	1807.06
6	52	13	-77.29	-279.23	-270.70	-85.82	40.62	-489.40	-2433.75	-2191.48	-731.67	642.15
6	52	14	-58.43	-289.99	-288.24	-60.18	-20.06	-778.90	-2948.63	-2706.79	-1020.74	-682.81
6	52	16	-246.92	-377.46	-249.07	-375.31	16.61	-2591.24	-1.280e+04	-2708.61	-1.269e+04	-1088.57
6	52	26	-267.11	-376.96	-269.02	-375.05	-14.37	-2537.37	-1.275e+04	-2654.50	-1.263e+04	1087.21
6	52	28	-79.59	-309.74	-307.17	-82.16	24.16	-1057.34	-3376.78	-3285.04	-1149.08	452.09
6	52	50	-278.71	-387.41	-278.76	-387.36	2.46	-3046.23	-1.469e+04	-3051.02	-1.468e+04	236.07
6	52	58	-257.29	-387.85	-257.35	-387.79	-2.61	-3088.21	-1.471e+04	-3092.61	-1.471e+04	-226.08
6	52	62	-275.86	-389.25	-280.46	-384.66	22.37	-2934.98	-1.410e+04	-2975.45	-1.406e+04	-670.94
6	52	72	-102.72	-302.08	-294.63	-110.17	-37.81	-746.99	-2889.89	-2796.42	-840.46	-437.68
6	52	78	-210.12	-358.73	-210.14	-358.71	1.72	-1628.80	-9480.82	-2012.50	-9097.12	1692.81
6	52	83	-164.27	-314.92	-165.00	-314.19	-10.45	-894.45	-7162.25	-1519.62	-6537.08	-1878.19
6	52	87	-252.16	-390.59	-257.42	-385.34	-26.45	-2966.79	-1.410e+04	-3009.66	-1.405e+04	689.40
6	52	89	-229.67	-356.10	-229.67	-356.10	0.78	-1530.08	-9381.12	-1933.27	-8977.92	-1732.89
6	52	97	-177.19	-307.92	-179.34	-305.76	16.64	-785.08	-6983.58	-1430.78	-6337.87	1893.54
6	52	101	-136.31	-263.32	-182.29	-217.33	61.04	636.82	-792.92	23.56	-179.65	-707.61
6	52	102	-143.41	-250.86	-184.99	-209.28	-52.34	1152.88	-449.48	234.93	468.47	792.62
6	52	103	-182.25	-402.03	-182.30	-401.98	3.34	-120.02	-435.92	-435.67	-120.27	8.90
6	52	104	-172.64	-360.08	-172.94	-359.78	7.54	117.10	-302.52	-213.45	28.03	-171.59
6	52	105	-160.27	-358.35	-160.49	-358.12	-6.68	1268.92	-24.39	25.95	1218.58	250.15
6	52	106	-165.77	-404.84	-165.82	-404.79	-3.43	1292.85	-175.10	-175.05	1292.80	8.87
6	52	107	-158.76	-391.57	-159.06	-391.27	-8.23	1255.53	-255.11	-235.36	1235.78	-171.60
6	52	108	-151.89	-275.79	-170.99	-256.68	44.74	1393.63	-213.67	465.56	714.41	-793.96
6	52	109	-174.74	-392.04	-175.14	-391.64	9.37	-50.21	-518.09	-486.78	-81.52	116.91
6	52	110	-144.19	-294.32	-172.47	-266.04	-58.70	796.74	-720.39	202.27	-125.93	740.60
6	67	1	367.58	-141.76	101.37	124.45	-254.41	2239.63	-828.38	748.02	663.23	1533.42
6	67	2	349.09	-143.32	106.68	99.09	246.18	2650.37	-872.17	624.47	1153.73	-1741.28
6	67	3	323.02	-135.51	63.58	123.93	227.27	2323.88	-781.82	920.78	621.27	-1545.61
6	67	4	310.27	-147.11	67.86	95.29	-228.28	2660.48	-848.96	755.81	1055.71	1748.30
6	67	13	-76.09	-264.86	-262.83	-78.11	19.43	-510.15	-2447.13	-2196.25	-761.03	650.39
6	67	14	-63.63	-282.71	-282.52	-63.82	-6.43	-813.49	-2867.02	-2659.93	-1020.58	-618.37
6	67	16	-284.69	-380.59	-288.11	-377.17	17.79	-2517.61	-1.247e+04	-2630.72	-1.235e+04	-1054.71
6	67	26	-223.40	-375.63	-227.15	-371.89	-23.59	-2637.47	-1.309e+04	-2747.79	-1.298e+04	1068.11
6	67	28	-80.74	-320.33	-312.70	-88.37	42.06	-1021.85	-3356.33	-3253.97	-1124.21	478.00
6	67	50	-235.43	-386.49	-235.46	-386.46	-2.00	-3129.86	-1.505e+04	-3132.80	-1.505e+04	187.29
6	67	58	-300.16	-389.18	-300.35	-388.98	4.19	-3015.98	-1.438e+04	-3018.79	-1.438e+04	-178.78
6	67	62	-237.60	-386.34	-241.05	-382.89	22.39	-3017.07	-1.448e+04	-3062.36	-1.443e+04	-719.08
6	67	72	-89.87	-312.77	-297.87	-104.78	-55.68	-712.04	-2983.27	-2848.32	-847.00	-536.94
6	67	78	-235.31	-363.97	-237.71	-361.57	17.41	-1571.21	-9238.42	-1946.58	-8863.05	1654.43
6	67	83	-186.89	-315.73	-189.43	-313.20	-17.88	-821.47	-6936.58	-1463.39	-6294.66	-1874.39
6	67	87	-296.41	-390.96	-298.93	-388.44	-15.22	-2879.26	-1.378e+04	-2927.23	-1.373e+04	721.48
6	67	89	-204.35	-356.55	-204.65	-356.25	6.76	-1594.06	-9685.43	-2002.99	-9276.50	-1772.45

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
6	67	97	-151.31	-302.18	-151.32	-302.17	0.98	-813.34	-7240.11	-1500.20	-6553.25	1985.57
6	67	101	-144.78	-243.08	-172.53	-215.33	44.25	472.19	-989.85	-115.60	-402.05	-716.85
6	67	102	-132.62	-263.68	-190.01	-206.28	-65.02	1059.84	-405.07	177.24	477.54	716.90
6	67	103	-166.85	-403.09	-166.86	-403.08	1.37	-343.11	-494.96	-486.31	-351.76	-35.19
6	67	104	-158.74	-359.27	-158.74	-359.27	-0.77	-105.56	-538.12	-376.05	-267.63	-209.38
6	67	105	-168.18	-356.97	-168.69	-356.46	-9.80	1322.93	-57.46	-8.22	1273.68	256.02
6	67	106	-176.02	-403.35	-176.02	-403.35	0.23	1405.59	-161.80	-160.70	1404.49	41.54
6	67	107	-168.75	-391.11	-168.75	-391.11	1.14	1426.00	-145.40	-133.98	1414.58	-133.49
6	67	108	-145.26	-289.52	-177.40	-257.38	60.03	1500.50	-41.39	576.06	883.04	-755.51
6	67	109	-161.07	-393.35	-161.82	-392.60	13.13	-230.84	-541.56	-512.76	-259.64	90.11
6	67	110	-144.76	-286.57	-163.73	-267.61	-48.27	794.95	-815.76	210.27	-231.08	774.53
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-529.11	-404.58	-529.10	-320.78		-1.923e+04	-4139.40	-1.923e+04	-2537.05
			460.68		122.20	166.94	316.92	3510.05		1196.01	1645.13	2592.01

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	3	2	34.22	168.81	-128.31	27.09	13.41	-148.40	1407.62	-1521.80	391.09	-505.28	1394.45
		14	67.14	80.99	-157.15	-81.95	5.80	110.69	5146.34	-1739.96	193.76	3212.63	3094.66
		15	96.70	76.72	-302.03	-299.96	74.66	-27.90	-4288.94	-1.106e+04	-7922.96	-7430.52	3378.84
		10	128.76	-38.75	-517.48	-406.06	-150.18	202.31	1.298e+04	2532.45	1.298e+04	2537.80	236.33
1	23	2	24.24	109.51	-66.12	25.54	17.85	-87.73	1015.58	-1196.61	257.87	-438.90	1049.80
		14	53.62	108.49	-137.14	-55.56	26.91	115.68	3868.12	-1419.70	105.67	2342.76	2395.64
		15	74.79	79.58	-232.08	-231.97	79.48	5.75	-3318.78	-8486.80	-5986.73	-5818.86	2582.64
		10	99.78	-4.11	-426.30	-318.76	-111.65	183.95	9991.78	1910.55	9989.48	1912.85	136.30
1	55	2	25.12	119.33	-81.33	23.46	14.53	-100.23	1037.86	-1181.78	272.78	-416.70	1054.92
		14	52.65	86.82	-132.27	-59.52	14.07	103.18	3911.69	-1364.73	130.69	2416.26	2377.85
		15	74.42	67.92	-230.42	-230.27	67.76	-6.75	-3297.09	-8476.78	-6017.57	-5756.30	2586.55
		10	99.06	-15.78	-413.29	-315.08	-113.99	171.45	9951.84	1920.66	9948.59	1923.92	161.77
2	3	10	139.97	-67.97	-547.34	-455.96	-159.35	-188.29	1.407e+04	2557.47	1.403e+04	2592.88	-637.43
		15	84.79	118.30	-295.89	-278.77	101.19	82.44	-5404.27	-9155.38	-7927.45	-6632.20	1760.19
		19	66.45	50.92	-349.57	-319.61	20.96	-105.36	-460.38	-5591.72	-5054.23	-997.86	-1571.35
		17	144.75	-34.96	-284.00	-206.45	-112.51	115.32	1.558e+04	3191.80	1.548e+04	3295.32	-1127.76
2	23	10	107.99	-79.24	-406.35	-357.01	-128.58	-117.07	1.084e+04	1955.50	1.081e+04	1987.42	-531.62
		15	64.87	109.59	-244.33	-219.69	84.94	90.08	-4062.05	-6898.12	-5954.22	-5005.95	1336.42
		19	48.88	35.86	-258.49	-248.11	25.48	-54.30	-295.04	-4116.36	-3695.16	-716.25	-1196.73
		17	112.92	-8.02	-249.79	-165.93	-91.88	115.08	1.209e+04	2458.36	1.201e+04	2541.45	-890.86
2	55	10	107.45	-67.68	-411.05	-352.75	-125.98	-128.92	1.079e+04	1954.99	1.076e+04	1984.26	-507.78
		15	64.89	99.15	-236.05	-216.67	79.77	78.23	-4087.27	-6947.37	-6002.59	-5032.05	1345.19
		19	49.77	35.60	-261.70	-246.17	20.07	-66.16	-333.32	-4198.88	-3782.16	-750.04	-1198.84
		17	111.89	-17.07	-235.88	-162.75	-90.20	103.22	1.201e+04	2449.31	1.193e+04	2530.30	-876.14
3	3	17	143.07	-75.58	-408.70	-376.58	-107.71	-98.33	1.487e+04	3066.92	1.475e+04	3189.34	-1196.04
		19	59.44	64.52	-230.64	-229.56	63.44	-17.80	-1854.11	-6081.76	-5173.65	-2762.22	-1736.24
		23	47.90	-14.05	-163.03	-141.36	-35.73	-52.53	3749.00	-1314.18	-279.02	2713.84	-2041.97
		21	68.90	39.72	-8.31	26.60	4.81	21.41	7752.81	1645.17	7752.20	1645.79	-61.38
3	23	17	111.34	-74.95	-307.67	-295.34	-87.28	-52.12	1.155e+04	2378.46	1.146e+04	2470.18	-912.55
		19	43.74	51.26	-181.19	-180.79	50.86	9.64	-1350.93	-4532.63	-3792.26	-2091.30	-1344.43
		23	35.59	-21.95	-115.91	-112.27	-25.60	-18.15	2947.45	-915.09	-82.23	2114.59	-1588.49
		21	53.53	48.15	-32.21	15.52	0.42	39.47	6037.32	1279.80	6036.86	1280.26	-46.72
3	55	17	110.44	-68.53	-309.89	-292.41	-86.01	-62.57	1.147e+04	2361.73	1.137e+04	2454.34	-913.59
		19	44.57	48.68	-178.23	-178.22	48.68	-0.82	-1392.97	-4596.99	-3876.87	-2113.09	-1337.43
		23	36.12	-18.84	-119.00	-110.03	-27.82	-28.60	2915.49	-960.82	-141.96	2096.63	-1582.29
		21	53.03	40.01	-20.32	18.10	1.59	29.01	5974.16	1267.84	5973.62	1268.38	-50.12
4	3	21	65.78	4.51	-83.81	-83.42	4.12	5.89	7252.67	1881.19	7204.82	1929.04	504.69
		23	36.30	-1.79	-103.96	-103.15	-2.61	-9.08	2690.22	-1320.71	-523.52	1893.03	-1600.61
		24	19.89	69.08	39.09	67.69	40.49	-6.31	72.45	-2002.77	-236.35	-1693.97	-738.56
		6	10.39	67.02	-27.05	61.83	-21.85	21.49	-122.22	-923.19	-341.94	-703.47	357.37
4	28	21	48.63	5.02	-62.70	-58.71	1.03	-15.94	5356.71	1389.63	5328.11	1418.23	335.63
		23	29.29	5.43	-81.52	-72.76	-3.33	-26.17	2027.27	-1129.13	-519.19	1417.34	-1246.27
		24	15.07	64.31	8.15	46.87	25.58	-25.99	47.37	-1434.57	-178.08	-1209.12	-532.24
		6	6.95	43.30	-17.75	43.24	-17.69	-1.78	-147.15	-720.93	-308.28	-559.81	257.85
4	60	21	49.15	2.47	-61.34	-60.52	1.65	-7.19	5418.31	1407.22	5387.16	1438.37	352.09
		23	28.60	-0.02	-78.78	-74.72	-4.08	-17.41	2043.02	-1080.49	-462.37	1424.90	-1244.45
		24	14.78	57.89	16.57	48.62	25.83	-17.23	58.42	-1439.41	-168.16	-1212.83	-536.70
		6	7.38	45.93	-17.29	45.16	-16.51	6.98	-126.91	-718.56	-296.12	-549.35	267.36
5	3	14	57.95	17.97	-122.73	-94.82	-9.94	56.10	5531.53	-273.47	737.96	4520.10	2201.90
		28	57.28	-19.72	-127.55	-115.58	-31.70	-33.88	5921.73	283.03	775.57	5429.19	-1592.07
		29	83.03	47.56	-257.89	-249.82	39.49	-49.01	-5730.10	-9599.68	-6289.49	-9040.29	-1360.76
		15	75.50	41.68	-286.59	-276.95	32.04	55.42	-3635.60	-8694.46	-4597.42	-7732.63	1985.10

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
5	16	14	44.08	22.99	-57.84	-49.74	14.88	24.28	4241.89	-242.24	577.63	3422.01	1733.27
		28	44.31	25.18	-79.22	-63.39	9.35	-37.44	4449.26	199.24	594.34	4054.16	-1234.13
		29	65.24	69.91	-202.71	-191.47	58.66	-54.21	-4533.31	-7575.20	-5001.05	-7107.46	-1097.29
		15	58.45	45.32	-217.63	-214.39	42.08	29.01	-2911.14	-6823.60	-3694.10	-6040.64	1565.34
5	48	14	44.16	15.45	-73.40	-60.70	2.76	31.09	4255.17	-212.99	577.96	3464.22	1705.43
		28	44.14	4.01	-87.19	-75.38	-7.81	-30.63	4509.49	218.48	600.65	4127.32	-1222.23
		29	64.50	53.17	-200.24	-191.05	43.97	-47.39	-4460.34	-7469.75	-4912.14	-7017.96	-1074.95
		15	58.21	37.54	-218.08	-212.96	32.42	35.83	-2847.83	-6746.51	-3612.22	-5982.11	1547.85
6	3	15	67.05	46.07	-289.73	-289.42	45.76	10.17	-3598.55	-7708.54	-4748.67	-6558.42	1845.05
		29	76.52	51.16	-278.57	-278.53	51.11	-3.80	-5435.85	-8647.87	-6496.61	-7587.11	-1510.62
		33	61.87	51.43	-269.88	-269.88	51.43	-1.12	-2373.38	-6198.52	-5971.45	-2600.45	903.89
		19	50.58	37.75	-277.29	-276.87	37.32	-11.62	-1505.37	-4819.65	-4301.25	-2023.77	-1203.91
6	8	15	51.65	48.54	-224.94	-224.80	48.39	-6.38	-2892.35	-5998.47	-3801.80	-5089.02	1413.42
		29	59.74	58.58	-216.71	-215.55	57.43	-17.77	-4259.00	-6725.03	-5128.96	-5855.07	-1178.36
		33	48.70	58.94	-210.11	-209.19	58.03	-15.63	-1914.05	-4908.18	-4743.03	-2079.20	683.52
		19	40.60	44.52	-217.71	-215.65	42.46	-23.16	-1271.62	-3851.45	-3468.20	-1654.87	-917.53
6	40	15	51.51	40.67	-223.04	-223.04	40.67	0.20	-2825.82	-5950.99	-3724.26	-5052.55	1414.42
		29	59.19	47.96	-214.70	-214.22	47.48	-11.20	-4209.56	-6672.56	-5054.81	-5827.31	-1169.36
		33	48.06	48.44	-207.96	-207.64	48.12	-9.06	-1881.92	-4836.71	-4667.14	-2051.49	687.22
		19	39.73	35.89	-214.73	-213.62	34.79	-16.58	-1227.96	-3782.17	-3391.78	-1618.34	-919.09
7	3	19	47.00	40.71	-269.07	-264.36	36.00	-37.91	-1919.69	-4542.77	-3974.30	-2488.16	-1080.74
		33	58.90	47.81	-267.30	-264.82	45.33	27.86	-3007.63	-5955.50	-5752.12	-3211.02	747.12
		37	45.14	15.09	-121.07	-120.99	15.02	-3.21	2474.70	-2424.91	-2265.82	2315.61	868.42
		23	39.82	5.81	-115.05	-114.97	5.73	-3.07	2594.18	-1756.12	-1364.73	2202.78	-1244.79
7	15	19	37.33	36.83	-210.16	-208.21	34.89	-21.81	-1572.63	-3644.49	-3211.39	-2005.72	-842.46
		33	46.79	44.36	-211.72	-208.53	41.17	28.41	-2422.19	-4727.48	-4571.88	-2577.79	578.36
		37	35.28	18.76	-94.27	-94.06	18.56	4.80	1810.55	-1969.68	-1846.71	1687.59	670.60
		23	31.04	12.51	-89.57	-89.36	12.30	4.56	1927.66	-1471.05	-1160.59	1617.20	-979.18
7	47	19	36.73	32.86	-207.88	-205.24	30.22	-25.06	-1535.74	-3574.23	-3138.54	-1971.43	-835.65
		33	46.02	39.41	-208.10	-205.51	36.83	25.16	-2379.32	-4654.62	-4498.35	-2535.58	575.45
		37	34.87	13.87	-92.95	-92.92	13.84	1.55	1848.86	-1915.97	-1792.78	1725.66	669.80
		23	30.75	7.28	-88.27	-88.26	7.26	1.31	1954.83	-1414.80	-1107.48	1647.50	-970.11
8	3	23	38.06	15.52	-111.85	-110.42	14.08	-13.42	2307.11	-1803.73	-1271.62	1775.00	-1379.95
		37	41.33	24.05	-115.71	-114.84	23.18	11.01	1964.58	-2431.65	-2151.68	1684.60	1073.52
		38	13.11	64.84	0.60	63.41	2.03	-9.47	-52.29	-1307.60	-144.81	-1215.09	327.99
		24	14.41	65.92	9.20	64.10	11.02	10.00	33.37	-1449.24	-138.56	-1277.30	-474.71
8	19	23	29.89	11.41	-87.26	-86.84	11.00	-6.41	1746.45	-1504.03	-1077.22	1319.63	-1097.81
		37	32.58	19.44	-92.30	-90.27	17.41	14.93	1473.69	-1964.22	-1745.24	1254.71	839.57
		38	9.02	41.29	-0.38	40.91	-2.94e-03	-3.95	-21.00	-888.20	-95.04	-814.16	242.33
		24	10.56	47.12	2.23	41.55	7.79	14.79	53.77	-1022.11	-93.13	-875.21	-369.41
8	51	23	29.52	10.20	-85.88	-85.07	9.39	-8.79	1753.08	-1451.68	-1027.95	1329.35	-1085.54
		37	32.05	17.46	-89.96	-88.47	15.98	12.54	1483.04	-1916.17	-1696.02	1262.89	836.58
		38	9.11	44.74	-2.08	43.86	-1.21	-6.33	-18.01	-890.06	-89.53	-818.54	239.28
		24	10.28	48.18	2.72	44.50	6.40	12.41	50.30	-1015.17	-87.32	-877.55	-357.34
9	3	28	66.19	75.08	-163.92	-91.15	2.31	-109.98	5360.26	-1329.59	250.71	3779.96	-2841.59
		4	36.19	161.87	-96.85	46.38	18.63	128.61	1544.77	-1812.83	479.47	-747.54	-1562.68
		12	125.36	-42.40	-505.93	-408.69	-139.64	-188.72	1.264e+04	2654.35	1.264e+04	2660.05	-238.62
		29	104.57	93.14	-282.43	-278.69	89.40	37.29	-5356.20	-1.216e+04	-9062.71	-8457.97	-3390.69
9	28	28	52.82	102.01	-148.41	-64.64	18.25	-118.15	4058.89	-1060.72	163.67	2834.50	-2183.87
		4	25.43	102.07	-37.99	39.94	24.13	69.58	1112.47	-1404.51	329.11	-621.15	-1165.35
		12	96.86	-2.43	-416.62	-318.29	-100.76	-176.23	9705.22	2000.31	9702.31	2003.22	-149.70
		29	80.91	85.16	-214.86	-214.84	85.15	-1.96	-4116.33	-9319.33	-6877.07	-6558.59	-2596.63
9	60	28	51.92	81.28	-140.67	-67.65	8.26	-104.28	4094.52	-1026.56	183.08	2884.88	-2175.19
		4	26.45	112.91	-54.99	38.08	19.84	83.45	1138.13	-1395.41	342.83	-600.11	-1175.77
		12	96.31	-16.28	-403.86	-315.87	-104.28	-162.36	9679.01	2012.41	9675.25	2016.17	-169.83
		29	80.48	76.49	-214.12	-213.63	76.00	11.90	-4102.59	-9311.88	-6898.25	-6516.23	-2597.63
10	3	29	93.94	135.09	-280.75	-261.05	115.39	-88.35	-6493.46	-1.024e+04	-9233.30	-7503.80	-1663.79
		12	136.23	-69.69	-519.93	-442.06	-147.56	170.29	1.368e+04	2580.95	1.367e+04	2593.96	379.68
		47	141.79	-49.25	-276.01	-217.14	-108.11	-99.41	1.518e+04	3039.48	1.506e+04	3160.39	1205.60
		33	79.48	69.76	-345.04	-318.50	43.23	101.51	-1398.56	-7340.02	-7004.68	-1733.90	1371.12
10	28	29	72.13	122.02	-233.14	-204.53	93.41	-96.66	-4905.31	-7770.10	-6984.56	-5690.85	-1278.02
		12	104.77	-78.54	-382.73	-344.14	-117.14	101.25	1.051e+04	1971.87	1.050e+04	1984.19	324.27
		47	110.42	-17.12	-243.59	-172.78	-87.93	-104.98	1.176e+04	2337.01	1.166e+04	2433.46	948.45
		33	59.12	47.97	-254.72	-246.47	39.73	49.28	-1043.59	-5483.19	-5226.46	-1300.33	1036.29
10	60	29	72.02	111.73	-224.69	-202.30	89.33	-83.86	-4925.87	-7800.24	-7017.73	-5708.38	-1279.42
		12	104.42	-67.97	-388.62	-340.97	-115.62	114.05	1.048e+04	1971.99	1.047e+04	1982.94	305.08
		47	109.50	-27.06	-229.55	-170.18	-86.43	-92.18	1.169e+04	2330.59	1.160e+04	2424.91	934.81
		33	59.87	48.65	-257.96	-244.83	35.52	62.08	-1068.70	-5550.79	-5294.03	-1325.46	1041.58
11	3	33	71.23	76.19	-225.17	-224.85	75.87	9.80	-2686.31	-7506.21	-6912.83	-3279.69	1583.64
		47	139.52	-72.35	-397.20	-366.38	-103.17	95.19	1.454e+04	3094.38	1.442e+04	3221.43	1199.34
		51	67.73	26.17	-11.26	14.81	0.10	-17.21	7653.32	1585.22	7651.24	1587.30	112.34
		37	53.80	-8.91	-169.32	-153.26	-24.98	48.15	3471.94	-2331.93	-1515.02	2655.03	2018.40
11	28	33	53.05	59.18	-177.28	-176.10	58.00	-16.67	-2026.26	-5640.05	-5160.50	-2505.81	1225.98

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		47	108.36	-72.45	-297.63	-286.51	-83.57	48.79	1.127e+04	2392.90	1.117e+04	2488.13	914.40
		51	52.43	39.39	-35.41	7.11	-3.13	-37.05	5938.50	1228.72	5936.82	1230.40	88.99
		37	39.88	-17.86	-122.64	-120.81	-19.69	13.71	2713.56	-1694.80	-1037.18	2055.93	1570.54
11	60	33	53.74	57.04	-174.11	-173.96	56.89	-5.81	-2051.50	-5695.17	-5226.40	-2520.28	1219.96
		47	107.59	-66.02	-300.36	-284.04	-82.34	59.65	1.120e+04	2379.62	1.110e+04	2475.74	915.71
		51	52.04	30.50	-23.11	9.39	-1.99	-26.19	5887.26	1219.07	5885.48	1220.85	91.15
		37	40.48	-15.09	-124.64	-118.82	-20.91	24.57	2691.03	-1737.22	-1090.43	2044.24	1563.91
12	3	37	43.16	5.52	-111.44	-110.02	4.10	12.79	2507.47	-2256.73	-1613.51	1864.25	1628.10
		51	64.80	0.76	-87.47	-86.83	0.12	-7.47	7143.07	1901.88	7110.09	1934.86	-414.47
		8	10.22	72.35	-22.37	65.80	-15.82	-24.04	-166.92	-916.16	-325.64	-757.44	-306.15
		38	20.53	73.27	35.93	69.62	39.58	11.10	85.23	-2067.73	-227.74	-1754.76	758.85
12	24	37	31.85	0.98	-87.99	-87.32	0.31	-7.69	1971.56	-1636.52	-1099.05	1434.09	1284.66
		51	50.30	8.13	-76.28	-70.12	1.96	-21.96	5542.35	1479.95	5517.89	1504.42	-314.29
		8	8.67	70.29	-24.87	52.61	-7.19	-37.02	-112.53	-697.35	-250.14	-559.74	-248.07
		38	15.66	55.62	25.48	53.97	27.13	-6.85	123.42	-1507.53	-131.02	-1253.08	591.81
12	56	37	32.31	0.13	-85.12	-85.12	0.13	0.17	1946.67	-1677.20	-1154.33	1423.80	1273.35
		51	49.75	3.49	-70.80	-68.02	0.71	-14.10	5484.35	1463.95	5460.56	1487.75	-308.38
		8	8.29	63.43	-20.60	51.67	-8.84	-29.16	-122.18	-702.64	-257.62	-567.21	-245.51
		38	15.11	53.18	26.24	53.15	26.28	1.00	108.13	-1496.50	-137.12	-1251.25	577.40
13	3	1	27.21	152.45	-54.53	72.03	25.89	-100.89	1242.01	-1346.61	-711.42	606.83	-1113.90
		13	63.26	85.54	-98.03	-39.16	26.67	85.68	1715.42	-4911.04	-150.99	-3044.63	-2980.64
		59	96.78	82.84	-301.52	-301.46	82.78	4.86	1.087e+04	4045.54	7831.51	7080.35	-3389.64
		9	139.94	-89.29	-463.70	-402.85	-150.13	138.12	-3006.56	-1.431e+04	-1.431e+04	-3009.42	179.84
13	29	1	18.93	95.51	-9.94	60.04	25.53	-49.83	989.44	-971.45	-500.66	518.64	-837.57
		13	50.63	111.46	-92.59	-22.51	41.38	96.89	1408.99	-3681.87	-72.68	-2200.20	-2312.49
		59	74.98	86.65	-236.91	-233.64	83.38	32.36	8338.19	3146.85	5909.48	5575.56	-2590.29
		9	108.31	-49.95	-385.66	-316.43	-119.18	135.83	-2263.24	-1.102e+04	-1.101e+04	-2267.17	185.57
13	61	1	19.75	105.80	-24.69	57.94	23.17	-62.88	969.20	-991.55	-516.00	493.64	-840.41
		13	49.65	89.98	-86.85	-26.51	29.65	83.84	1345.50	-3731.39	-99.87	-2286.02	-2291.04
		59	74.54	74.04	-232.93	-231.71	72.82	19.30	8325.27	3117.91	5941.79	5501.39	-2594.35
		9	107.58	-58.28	-371.81	-312.52	-117.57	122.77	-2277.43	-1.097e+04	-1.097e+04	-2280.33	158.68
14	3	9	151.22	-105.35	-489.69	-431.53	-163.50	-137.73	-2879.44	-1.548e+04	-1.544e+04	-2922.33	734.02
		59	82.04	120.09	-290.78	-279.35	108.65	67.59	8824.97	5290.61	7849.48	6266.10	-1579.93
		63	64.27	52.77	-335.96	-313.33	30.14	-91.02	5269.31	133.87	4692.31	710.87	1621.80
		61	150.76	-80.31	-271.52	-238.32	-113.50	72.42	-3389.61	-1.622e+04	-1.614e+04	-3464.38	976.52
14	29	9	116.75	-106.05	-365.50	-338.99	-132.56	-78.58	-2198.54	-1.193e+04	-1.189e+04	-2236.97	610.34
		59	62.61	109.02	-239.03	-220.19	90.17	78.77	6630.14	3971.09	5881.54	4719.69	-1195.89
		63	47.14	38.49	-250.08	-243.42	31.83	-43.33	3860.34	36.88	3405.74	491.47	1237.53
		61	117.50	-47.99	-237.67	-190.31	-95.35	82.10	-2609.68	-1.259e+04	-1.253e+04	-2670.65	777.75
14	61	9	116.13	-95.29	-368.72	-334.53	-129.49	-90.45	-2199.09	-1.188e+04	-1.184e+04	-2234.53	584.63
		59	62.68	99.62	-231.20	-217.07	85.49	66.90	6684.62	3997.11	5934.07	4747.67	-1205.74
		63	48.05	37.79	-252.40	-241.49	26.88	-55.20	3946.41	78.88	3497.84	527.45	1238.41
		61	116.47	-55.00	-224.41	-187.05	-92.36	70.24	-2600.57	-1.250e+04	-1.244e+04	-2659.58	762.08
15	3	61	148.09	-84.28	-373.73	-348.57	-109.44	-81.55	-3274.50	-1.556e+04	-1.548e+04	-3353.88	984.36
		63	59.16	67.52	-244.08	-241.56	65.01	-27.89	5888.39	1537.30	4912.27	2513.41	1815.04
		67	46.28	-12.09	-153.19	-133.94	-31.34	-48.43	1054.52	-3806.87	6.32	-2758.67	1999.25
		65	67.30	22.21	-9.49	0.79	11.94	14.84	-1598.72	-7662.95	-7657.92	-1603.74	-174.49
15	29	61	115.24	-80.57	-281.54	-273.63	-88.47	-39.07	-2541.40	-1.208e+04	-1.203e+04	-2600.86	750.96
		63	43.41	51.91	-189.98	-189.96	51.89	2.16	4378.12	1099.17	3579.98	1897.31	1407.13
		67	34.35	-19.83	-109.01	-106.50	-22.34	-14.76	701.85	-3003.00	-147.78	-2153.36	1557.53
		65	52.59	35.88	-34.30	-4.30	5.87	34.72	-1246.71	-5972.73	-5968.96	-1250.48	-133.44
15	61	61	114.31	-74.63	-283.32	-270.76	-87.19	-49.64	-2523.08	-1.200e+04	-1.194e+04	-2583.10	751.73
		63	44.29	50.23	-187.73	-187.44	49.93	-8.41	4445.07	1145.11	3669.51	1920.67	1399.22
		67	34.89	-16.99	-111.65	-104.31	-24.34	-25.33	753.21	-2966.87	-79.56	-2134.11	1550.63
		65	51.92	27.21	-21.89	-1.78	7.09	24.15	-1233.37	-5906.00	-5902.36	-1237.01	-130.38
16	3	65	65.59	11.38	-83.15	-83.14	11.38	0.84	-1806.79	-7202.65	-7109.74	-1899.71	-701.93
		67	34.70	-1.17	-106.29	-104.68	-2.77	-12.88	1056.39	-2712.21	279.54	-1935.36	1524.52
		68	19.15	63.15	39.42	62.93	39.65	-2.31	1961.91	56.22	275.74	1742.38	608.41
		5	11.41	75.11	-22.36	67.76	-15.01	25.74	989.88	56.69	340.68	705.89	-429.38
16	34	65	48.48	12.39	-64.03	-58.65	7.01	-19.56	-1334.07	-5308.59	-5247.81	-1394.85	-487.71
		67	28.03	7.11	-84.71	-74.27	-3.33	-29.15	926.37	-2041.60	333.27	-1448.51	1186.82
		68	13.77	58.49	10.23	43.72	25.00	-22.24	1389.22	54.58	209.18	1234.62	427.12
		5	7.62	48.53	-12.01	48.50	-11.98	1.49	776.46	96.33	313.21	559.58	-316.97
16	66	65	48.99	9.31	-62.04	-60.34	7.61	-10.88	-1350.85	-5372.54	-5308.47	-1414.91	-503.54
		67	27.36	1.37	-81.50	-76.09	-4.04	-20.47	877.34	-2058.73	274.77	-1456.16	1185.79
		68	13.54	52.12	18.47	45.25	25.34	-13.57	1394.39	41.15	197.16	1238.38	432.18
		5	8.12	51.79	-12.53	50.14	-10.88	10.17	773.30	74.92	298.87	549.35	-325.96
17	3	13	57.12	23.76	-119.25	-81.58	-13.91	63.00	368.95	-5378.33	-696.58	-4312.80	-2233.50
		72	56.64	-20.62	-134.38	-115.50	-39.49	-42.32	-194.29	-5801.56	-730.63	-5265.22	1649.16
		73	80.06	47.49	-238.15	-228.98	38.32	-50.35	9251.41	5633.31	6135.61	8749.11	1251.02
		59	71.88	45.63	-274.22	-262.60	34.01	59.85	8269.59	3525.83	4405.10	7390.32	-1843.34
17	18	13	43.32	24.96	-54.56	-39.79	10.19	30.92	335.85	-4100.65	-536.81	-3227.99	-1763.52
		72	43.47	23.52	-86.40	-63.66	0.78	-44.52	-113.60	-4315.29	-547.86	-3881.03	1279.08

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		73	63.51	67.32	-188.31	-176.12	55.12	-54.49	7370.61	4495.15	4919.54	6946.22	1019.90
		59	56.14	46.12	-207.94	-203.73	41.91	32.44	6549.49	2862.11	3580.94	5830.66	-1460.78
17	50	13	43.50	19.25	-70.81	-50.59	-0.97	37.58	293.77	-4128.70	-542.67	-3292.25	-1731.91
		72	43.50	3.27	-93.62	-75.39	-14.95	-37.86	-143.37	-4398.52	-560.82	-3981.06	1265.73
		73	62.50	51.93	-185.46	-175.40	41.86	-47.83	7235.75	4404.28	4812.42	6827.62	994.51
		59	55.67	39.54	-208.43	-202.10	33.21	39.09	6448.04	2781.95	3482.15	5747.84	-1441.09
18	3	59	64.54	50.25	-281.95	-280.79	49.09	19.57	7381.73	3402.17	4540.99	6242.91	-1798.63
		73	74.39	53.60	-268.63	-268.07	53.04	-13.39	8387.10	5223.38	6326.59	7283.88	1507.71
		77	60.64	54.82	-273.48	-273.42	54.76	4.28	5958.15	2036.93	5713.26	2281.82	-948.85
		63	49.65	42.60	-280.22	-279.35	41.73	-16.80	4596.70	1160.08	4028.08	1728.69	1277.03
18	18	59	49.88	50.46	-218.43	-218.43	50.46	0.79	5760.71	2761.37	3671.07	4851.01	-1378.75
		73	58.20	59.81	-210.35	-207.99	57.45	-25.14	6519.66	4123.56	5024.17	5619.05	1160.54
		77	47.86	59.63	-212.57	-212.09	59.15	-11.48	4736.39	1647.40	4553.66	1830.13	-728.73
		63	40.07	48.14	-220.22	-217.44	45.35	-27.20	3699.05	1002.00	3269.78	1431.27	986.66
18	50	59	49.65	43.38	-216.75	-216.54	43.17	7.39	5706.30	2684.97	3579.29	4811.97	-1379.22
		73	57.60	49.70	-207.78	-206.44	48.36	-18.54	6468.53	4060.26	4936.90	5591.89	1158.74
		77	47.15	50.17	-210.56	-210.47	50.08	-4.87	4657.69	1619.17	4472.27	1804.59	-727.34
		63	39.10	39.73	-217.15	-215.49	38.07	-20.60	3620.58	960.52	3187.43	1393.67	982.13
19	3	63	45.26	45.29	-268.57	-264.44	41.15	-35.78	4303.72	1631.05	3703.46	2231.31	1115.34
		77	56.77	51.69	-267.20	-265.25	49.75	24.85	5678.08	2717.08	5470.22	2924.94	-756.48
		81	44.40	16.60	-127.94	-127.86	16.53	3.28	2185.05	-2579.54	2033.07	-2427.56	-837.26
		67	38.86	7.40	-117.66	-117.41	7.14	-5.66	1556.33	-2643.84	1182.12	-2269.63	1196.54
19	17	63	36.05	39.58	-210.06	-208.41	37.93	-20.24	3465.79	1348.68	3009.55	1804.92	870.49
		77	45.19	46.35	-211.67	-209.00	43.68	26.12	4517.90	2194.45	4359.35	2353.00	-585.87
		81	34.73	19.54	-100.21	-99.39	18.72	9.88	1784.56	-1900.33	1666.36	-1782.13	-649.28
		67	30.31	12.45	-91.29	-91.23	12.40	2.46	1318.14	-1971.84	1020.20	-1673.91	944.16
19	49	63	35.41	36.12	-207.68	-205.40	33.84	-23.46	3392.74	1312.85	2933.27	1772.32	862.86
		77	44.39	42.03	-208.06	-205.95	39.92	22.90	4442.08	2153.80	4282.71	2313.17	-582.49
		81	34.31	14.97	-98.65	-98.25	14.58	6.67	1729.94	-1935.58	1611.67	-1817.31	-647.72
		67	30.02	7.93	-90.15	-90.14	7.93	-0.76	1260.93	-1996.75	966.18	-1702.00	934.52
20	3	67	36.75	16.32	-107.58	-106.10	14.84	-13.45	1614.02	-2345.97	1101.98	-1833.93	1328.71
		81	40.23	26.92	-119.60	-117.49	24.80	17.48	2187.09	-2051.64	1911.57	-1776.12	-1044.96
		82	13.30	62.87	-3.01	62.50	-2.64	-4.93	1301.29	77.55	134.24	1244.59	-257.23
		68	13.80	53.84	4.12	51.99	5.98	9.43	1417.64	42.76	150.35	1310.05	369.25
20	17	67	28.86	11.80	-83.82	-83.43	11.41	-6.05	1359.84	-1778.14	946.95	-1365.25	1060.74
		81	31.67	21.97	-95.63	-92.08	18.43	20.10	1774.32	-1537.64	1559.02	-1322.34	-816.53
		82	9.06	39.99	-3.84	39.99	-3.84	0.26	867.18	35.25	80.30	822.13	-188.28
		68	9.76	38.42	-2.18	32.45	3.79	14.37	986.05	2.10	95.76	892.39	288.76
20	49	67	28.50	10.79	-82.53	-81.74	10.00	-8.55	1305.83	-1784.47	896.76	-1375.41	1047.28
		81	31.15	20.03	-93.16	-90.35	17.22	17.60	1725.29	-1548.02	1508.75	-1331.47	-813.58
		82	9.14	43.02	-5.01	42.92	-4.91	-2.24	869.52	33.02	76.30	826.25	-185.27
		68	9.53	39.19	-1.27	35.34	2.58	11.87	979.97	6.34	91.83	894.48	275.54
21	3	72	62.57	66.79	-107.60	-56.62	15.81	-79.32	1387.27	-5129.03	-159.41	-3582.35	2772.44
		3	29.54	155.07	-20.30	98.74	36.02	81.88	1582.97	-1471.10	-781.19	893.06	1277.13
		11	136.63	-88.00	-458.01	-408.22	-137.79	-126.27	-3153.82	-1.397e+04	-1.397e+04	-3157.85	-208.94
		73	105.61	96.25	-275.09	-275.09	96.25	0.15	1.209e+04	5102.40	9067.19	8125.12	3461.86
21	34	72	49.98	95.01	-105.88	-38.19	27.32	-94.96	1108.80	-3873.45	-92.81	-2671.83	2131.40
		3	20.44	96.76	18.41	79.78	35.39	32.28	1233.70	-1058.75	-559.83	734.78	945.96
		11	105.52	-41.08	-378.27	-317.72	-101.63	-129.43	-2374.01	-1.073e+04	-1.072e+04	-2378.70	-197.88
		73	81.84	91.80	-215.61	-212.30	88.49	-31.72	9263.09	3935.19	6875.27	6323.01	2649.60
21	66	72	49.10	74.44	-97.23	-41.10	18.31	-80.53	1069.06	-3915.72	-114.33	-2732.33	2120.97
		3	21.37	107.11	3.02	78.03	32.10	46.70	1220.39	-1082.43	-573.22	711.17	955.68
		11	104.94	-53.27	-365.69	-315.20	-103.76	-115.00	-2389.79	-1.070e+04	-1.069e+04	-2393.52	-175.99
		73	81.34	81.33	-212.04	-211.01	80.31	-17.30	9253.56	3914.14	6896.74	6270.96	2651.31
22	3	73	92.23	135.58	-273.66	-260.72	122.64	-71.61	1.005e+04	6343.44	9248.89	7148.27	1529.18
		11	147.34	-101.23	-468.92	-419.82	-150.33	125.07	-2910.94	-1.509e+04	-1.507e+04	-2933.29	-521.19
		91	148.99	-92.13	-266.74	-246.90	-111.98	-55.42	-3260.46	-1.597e+04	-1.587e+04	-3356.36	-1099.66
		77	77.15	68.86	-330.66	-312.01	50.20	84.28	7016.14	1053.11	6654.71	1414.54	-1422.88
22	30	73	70.67	120.23	-225.39	-203.89	98.74	-83.46	7613.54	4785.32	6987.86	5411.00	1173.92
		11	113.37	-99.23	-346.95	-327.14	-119.05	67.20	-2221.95	-1.159e+04	-1.157e+04	-2242.48	-438.05
		91	115.96	-55.10	-230.93	-195.25	-90.77	-70.71	-2505.87	-1.238e+04	-1.230e+04	-2583.23	-870.37
		77	57.11	49.21	-246.21	-241.64	44.64	36.47	5208.31	770.42	4930.10	1048.62	-1075.76
22	62	73	70.60	111.04	-217.77	-201.75	95.02	-70.80	7646.90	4807.04	7022.87	5431.07	1175.90
		11	112.96	-90.19	-351.34	-324.07	-117.47	79.87	-2222.87	-1.156e+04	-1.154e+04	-2241.52	-416.95
		91	115.04	-63.20	-218.71	-192.69	-89.22	-58.05	-2499.61	-1.230e+04	-1.222e+04	-2574.95	-855.93
		77	57.95	49.14	-248.36	-240.01	40.79	49.14	5286.79	799.38	5009.37	1076.79	-1080.70
23	3	77	70.64	78.72	-239.92	-238.74	77.54	19.34	7288.19	2368.95	6650.31	3006.83	-1652.56
		91	145.93	-83.59	-368.50	-342.80	-109.28	81.60	-3338.71	-1.538e+04	-1.529e+04	-3430.83	-1049.17
		95	70.09	-1.44	-19.85	-16.70	-4.60	-6.94	-1594.09	-7904.14	-7901.80	-1596.42	121.46
		81	52.47	-5.21	-164.42	-149.76	-19.86	46.03	2044.77	-3593.11	1215.41	-2763.75	-1997.00
23	34	77	52.47	59.63	-187.25	-186.91	59.29	-9.18	5461.03	1770.99	4946.10	2285.92	-1278.65
		91	113.35	-80.81	-275.88	-267.93	-88.76	38.56	-2589.38	-1.193e+04	-1.186e+04	-2658.40	-799.76
		95	54.65	22.18	-38.24	-16.68	0.62	-28.94	-1243.15	-6142.91	-6141.20	-1244.86	91.63

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		81	38.91	-14.28	-119.57	-118.11	-15.74	12.31	1462.13	-2820.47	794.48	-2152.81	-1553.56
23	66	77	53.20	58.35	-184.74	-184.73	58.34	1.64	5520.56	1801.58	5016.82	2305.32	-1272.66
		91	112.55	-74.45	-278.41	-265.66	-87.20	49.38	-2572.43	-1.185e+04	-1.178e+04	-2642.14	-801.24
		95	54.05	11.02	-27.46	-14.68	-1.76	-18.12	-1230.00	-6087.17	-6085.55	-1231.62	88.69
		81	39.49	-11.65	-121.27	-116.16	-16.77	23.12	1508.67	-2792.84	852.19	-2136.35	-1546.90
24	3	81	42.65	16.43	-124.77	-121.50	13.17	21.22	2012.92	-2584.19	1360.70	-1931.97	-1604.04
		95	67.95	-14.83	-99.79	-99.69	-14.93	-2.88	-1944.51	-7458.49	-7381.80	-2021.20	645.73
		7	12.58	87.35	-11.71	82.33	-6.68	-21.74	1139.96	77.06	351.17	865.85	464.99
		82	20.42	85.27	32.22	79.97	37.52	15.90	2028.35	-52.01	184.32	1792.01	-660.16
24	30	81	31.46	7.62	-95.68	-95.67	7.61	-0.99	1442.36	-2038.04	891.18	-1486.85	-1270.65
		95	52.77	-3.57	-84.13	-79.64	-8.06	-18.47	-1517.53	-5799.03	-5740.14	-1576.42	498.66
		7	10.65	79.64	-14.34	63.85	1.46	-35.14	888.41	46.49	287.69	647.21	380.65
		82	14.74	59.85	24.94	59.49	25.29	-3.50	1464.14	-78.86	118.56	1266.72	-515.41
24	62	81	31.92	7.86	-94.07	-93.60	7.39	6.93	1485.98	-2010.02	951.46	-1475.51	-1258.16
		95	52.21	-8.23	-79.38	-77.78	-9.84	-10.55	-1501.13	-5735.32	-5677.92	-1558.54	489.64
		7	10.22	73.72	-10.56	63.74	-0.59	-27.22	888.31	53.55	288.36	653.50	375.33
		82	14.66	60.10	24.03	59.55	24.58	4.41	1450.93	-73.88	112.72	1264.32	-499.71
25	3	9	142.82	-69.49	-474.06	-394.66	-148.89	-160.68	-2596.63	-1.493e+04	-1.439e+04	-3144.05	2540.55
		99	145.98	21.43	-295.39	-288.48	14.52	-46.28	1.486e+04	330.90	6662.30	8532.69	7206.17
		97	123.22	8.04	-206.73	-155.45	-43.24	-91.57	1478.81	-1.147e+04	-1346.36	-8646.82	5348.51
		1	39.02	48.75	-47.71	-0.65	1.69	48.22	1984.45	-2317.24	-805.28	472.49	2053.77
25	13	9	110.11	-46.51	-377.83	-309.57	-114.77	-134.00	-1994.18	-1.150e+04	-1.109e+04	-2396.71	1913.95
		99	112.92	42.78	-230.63	-222.80	34.95	-45.58	1.150e+04	270.36	5010.44	6756.07	5544.62
		97	95.46	39.57	-152.98	-106.01	-7.40	-82.69	1290.91	-8674.38	-985.07	-6398.39	4183.39
		1	29.95	36.58	-19.54	8.98	8.06	28.06	1587.51	-1791.02	-593.30	389.80	1616.17
25	45	9	109.58	-49.63	-371.10	-306.00	-114.73	-129.19	-1987.77	-1.145e+04	-1.104e+04	-2398.00	1926.99
		99	112.28	29.37	-228.05	-221.42	22.74	-40.77	1.143e+04	261.31	5044.41	6647.26	5526.72
		97	94.88	23.66	-156.71	-112.00	-21.05	-77.88	1198.05	-8729.70	-1012.46	-6519.19	4130.26
		1	29.84	38.05	-27.69	5.05	5.31	32.87	1551.35	-1773.89	-599.47	376.94	1589.33
26	3	61	149.26	-61.30	-257.51	-211.37	-107.44	-83.21	-3376.17	-1.619e+04	-1.618e+04	-3383.80	-312.54
		20	58.48	-23.88	-268.58	-253.19	-39.28	59.42	6206.57	3792.86	4562.44	5436.99	-1124.86
		99	116.90	70.42	-297.56	-265.86	38.72	-103.25	1.236e+04	2407.08	6767.39	8004.07	4940.10
		9	155.40	-141.20	-442.98	-421.39	-162.79	77.78	-2757.47	-1.578e+04	-1.549e+04	-3045.49	1914.82
26	29	61	115.06	-75.04	-182.22	-167.15	-90.12	-37.27	-2573.89	-1.248e+04	-1.247e+04	-2577.70	-194.16
		20	44.82	16.16	-217.51	-192.51	-8.83	72.22	4746.44	2910.06	3410.21	4246.29	-817.51
		99	88.47	61.01	-210.98	-200.24	50.27	-52.98	9514.03	1742.60	5078.33	6178.30	3846.59
		9	120.36	-98.11	-357.05	-324.34	-130.81	86.02	-2079.33	-1.216e+04	-1.193e+04	-2317.32	1530.78
26	61	61	114.61	-63.51	-188.96	-165.10	-87.37	-49.24	-2576.58	-1.243e+04	-1.243e+04	-2581.28	-215.04
		20	44.87	-0.61	-211.83	-192.96	-19.48	60.25	4754.17	2912.30	3452.86	4213.61	-838.71
		99	88.88	55.84	-217.91	-201.52	39.45	-64.95	9481.52	1783.20	5119.40	6145.32	3814.83
		9	119.55	-103.29	-348.00	-323.05	-128.24	74.05	-2091.27	-1.211e+04	-1.188e+04	-2320.99	1499.47
27	3	65	74.19	33.55	-10.55	13.29	9.71	-21.98	-1114.14	-8198.13	-7736.98	-1575.28	-1747.60
		25	80.85	-62.74	-132.27	-103.08	-91.92	34.31	4651.44	-4777.44	70.37	-196.36	-4712.55
		20	65.95	-6.17	-186.27	-186.08	-6.36	5.88	7672.85	3754.57	4655.59	6771.83	-1648.82
		61	146.22	-95.87	-311.20	-301.22	-105.86	45.29	-3214.06	-1.549e+04	-1.547e+04	-3237.84	-539.69
27	13	65	57.42	29.09	-10.02	5.79	13.27	-19.20	-881.27	-6322.57	-5976.96	-1226.88	-1327.08
		25	62.15	-46.04	-99.68	-82.48	-63.24	25.04	3501.48	-3760.31	-47.34	-211.49	-3629.97
		20	49.85	2.53	-147.26	-147.22	2.50	2.28	5829.91	2747.31	3435.20	5142.02	-1283.47
		61	113.25	-70.24	-243.37	-237.00	-76.61	32.59	-2492.80	-1.198e+04	-1.196e+04	-2510.63	-410.85
27	45	65	56.97	27.18	-9.03	7.94	10.21	-18.07	-864.41	-6283.96	-5934.26	-1214.11	-1331.52
		25	62.11	-47.23	-101.15	-80.68	-67.70	26.16	3526.40	-3721.06	-3.24	-191.42	-3622.50
		20	50.23	-1.79	-145.07	-144.99	-1.87	3.41	5856.94	2807.60	3498.69	5165.84	-1276.63
		61	112.58	-72.56	-241.40	-234.37	-79.59	33.72	-2475.85	-1.191e+04	-1.190e+04	-2493.99	-413.34
28	3	5	15.62	-11.86	-49.27	-14.31	-46.82	-9.24	1163.77	-623.62	281.97	258.19	-893.62
		98	56.41	11.28	-27.55	6.74	-23.00	-12.49	1402.06	-4919.77	-717.87	-2799.83	-2984.59
		25	77.66	-61.81	-72.64	-72.19	-62.25	2.14	5031.72	-4261.92	208.58	561.21	-4643.47
		65	72.74	15.26	-50.41	-46.42	11.27	-15.68	-1025.43	-7802.61	-7212.09	-1615.95	-1911.37
28	35	5	13.10	-19.52	-42.72	-25.76	-36.48	10.28	952.95	-478.81	251.60	222.54	-715.73
		98	43.17	-3.53	-25.46	-10.19	-18.80	10.09	1058.01	-3835.93	-562.37	-2215.54	-2303.13
		25	62.20	-30.32	-73.71	-58.34	-45.69	20.75	3899.66	-3391.29	95.75	412.62	-3642.03
		65	55.63	7.21	-40.81	-39.61	6.01	7.51	-726.07	-5996.28	-5510.97	-1211.38	-1523.86
28	67	5	12.10	-18.44	-35.50	-18.65	-35.29	1.89	921.09	-464.67	244.86	211.57	-692.68
		98	42.60	-3.32	-20.19	-3.49	-20.02	1.70	1023.57	-3811.24	-567.75	-2219.92	-2271.88
		25	61.03	-39.09	-65.28	-56.50	-47.87	12.36	3876.81	-3340.54	120.13	416.15	-3605.64
		65	55.41	7.12	-37.39	-37.37	7.11	-0.88	-744.37	-5960.56	-5488.01	-1216.92	-1497.21
29	3	98	54.36	16.18	-40.20	9.27	-33.29	-18.49	1067.50	-4860.67	-738.31	-3054.87	-2728.41
		27	65.91	9.11	-36.09	8.73	-35.72	4.10	-317.41	-6905.32	-1195.29	-6027.44	-2238.91
		39	55.63	-36.31	-90.94	-90.93	-36.32	0.77	5907.01	665.61	3692.31	2880.31	-2589.06
		25	71.05	-43.25	-83.17	-83.17	-43.26	-0.30	4795.83	-3702.65	483.49	609.68	-4248.77
29	35	98	41.43	-31.17	-32.48	-32.39	-31.26	0.31	820.25	-3801.32	-563.07	-2418.00	-2116.49
		27	51.00	-11.56	-51.35	-32.73	-30.17	19.85	-251.19	-5412.47	-924.81	-4738.84	-1738.68
		39	44.47	-20.41	-84.04	-79.70	-24.75	16.03	4610.72	501.01	2900.99	2210.74	-2025.66
		25	56.93	-26.69	-80.25	-74.25	-32.69	16.89	3804.51	-2852.39	466.84	485.27	-3328.44

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
29	67	98	41.47	-12.20	-32.69	-14.77	-30.12	-6.79	781.20	-3777.60	-573.15	-2423.26	-2083.25
		27	50.98	-8.24	-38.09	-15.42	-30.91	12.75	-277.14	-5406.92	-935.69	-4748.37	-1715.97
		39	43.52	-26.33	-76.47	-74.83	-27.97	8.93	4555.65	493.59	2855.02	2194.22	-2003.97
		25	55.85	-31.64	-71.59	-69.03	-34.20	9.79	3743.04	-2849.37	421.01	472.66	-3296.10
30	3	25	62.54	-47.80	-81.19	-81.03	-47.96	-2.34	4064.48	-3437.51	534.24	92.73	-3744.49
		39	54.57	-50.27	-102.05	-100.31	-52.01	9.34	5684.38	616.51	3857.13	2443.76	-2433.39
		35	105.96	-35.65	-175.38	-174.39	-36.64	-11.72	1.241e+04	7426.00	7426.00	1.241e+04	-2.57
		20	59.84	-40.30	-213.02	-212.78	-40.53	6.32	6971.05	2928.49	3126.05	6773.49	-871.56
30	35	25	50.43	-21.68	-83.78	-72.46	-33.00	23.97	3293.64	-2520.62	546.94	226.08	-2902.70
		39	44.66	-16.14	-101.56	-86.06	-31.64	32.92	4564.47	642.38	3090.73	2116.12	-1899.54
		35	83.11	-15.10	-134.27	-131.95	-17.42	16.48	9783.99	5815.32	5815.32	9783.99	-0.91
		20	47.57	-18.62	-169.30	-162.87	-25.06	30.47	5515.20	2375.15	2521.91	5368.44	-662.78
30	67	25	49.28	-31.57	-71.91	-67.52	-35.96	12.56	3206.56	-2576.11	482.81	147.64	-2886.47
		39	43.29	-28.49	-90.35	-81.65	-37.19	21.51	4454.02	551.22	3016.83	1988.41	-1882.43
		35	82.26	-23.70	-132.58	-132.34	-23.94	5.07	9656.62	5749.45	5749.45	9656.62	-3.76
		20	46.86	-26.31	-165.41	-162.75	-28.98	19.06	5440.17	2315.84	2465.66	5290.35	-667.57
31	3	20	53.71	-29.86	-219.38	-218.88	-30.35	-9.65	6222.83	3202.94	3343.66	6082.11	-636.52
		35	106.59	-53.34	-183.07	-182.54	-53.87	-8.29	1.240e+04	7429.84	7467.56	1.237e+04	431.53
		30	117.53	-52.94	-235.10	-225.22	-62.82	-41.25	1.360e+04	5133.90	6168.56	1.256e+04	2772.72
		99	110.10	-12.33	-295.02	-280.24	-27.11	-62.93	1.133e+04	703.32	4012.63	8024.22	4922.11
31	21	20	41.34	-2.67	-168.02	-168.01	-2.68	1.30	4839.34	2555.00	2649.66	4744.68	-455.26
		35	82.48	-18.66	-139.28	-139.22	-18.71	2.56	9695.99	5771.17	5807.15	9660.01	374.05
		30	90.72	-19.16	-162.38	-158.60	-22.93	-22.93	1.062e+04	3990.59	4830.66	9777.81	2204.91
		99	84.60	9.61	-208.62	-201.20	2.19	-39.55	8813.02	560.70	3170.46	6203.25	3837.41
31	53	20	41.32	-13.21	-167.73	-167.69	-13.26	-2.55	4810.49	2509.33	2610.57	4709.25	-471.93
		35	82.13	-30.62	-139.17	-139.15	-30.63	-1.29	9606.13	5726.98	5759.19	9573.92	352.00
		30	90.28	-30.71	-169.96	-164.61	-36.06	-26.78	1.051e+04	3956.69	4773.05	9690.20	2163.47
		99	84.37	-0.47	-216.05	-206.93	-9.58	-43.39	8738.94	549.56	3122.50	6166.00	3801.42
32	2	99	122.99	-8.20	-294.63	-260.84	-41.99	-92.40	1.242e+04	467.24	3999.43	8886.20	5453.19
		30	129.72	-73.38	-226.14	-213.31	-86.20	-42.36	1.471e+04	4262.05	5823.60	1.315e+04	3725.73
		26	151.47	-133.82	-277.77	-274.74	-136.85	-20.66	-2957.92	-1.687e+04	-3235.74	-1.659e+04	1946.26
		97	117.03	-23.39	-218.99	-190.09	-52.28	-69.40	212.01	-1.169e+04	-1624.78	-9849.97	4299.03
32	16	99	91.69	-42.62	-218.12	-202.05	-58.70	-50.62	9241.77	219.53	2909.69	6551.60	4127.26
		30	97.62	-83.76	-166.14	-164.01	-85.89	-13.08	1.105e+04	3120.34	4321.67	9852.27	2843.81
		26	119.43	-128.92	-233.43	-233.19	-129.16	5.03	-2323.27	-1.320e+04	-2529.49	-1.299e+04	1483.37
		97	89.62	-59.72	-179.93	-169.07	-70.59	-34.47	48.32	-9164.85	-1293.71	-7822.81	3250.13
32	48	99	93.04	-25.81	-221.89	-201.59	-46.11	-59.74	9387.05	281.44	2986.43	6682.05	4160.96
		30	98.65	-70.99	-169.44	-164.15	-76.28	-22.20	1.118e+04	3193.55	4397.12	9976.51	2857.22
		26	118.02	-117.48	-223.38	-223.23	-117.64	-4.09	-2298.68	-1.309e+04	-2509.00	-1.288e+04	1491.77
		97	89.84	-40.07	-174.65	-158.61	-56.11	-43.59	106.68	-9081.55	-1271.92	-7702.95	3281.21
33	2	30	123.33	-77.18	-235.22	-220.68	-91.72	-45.68	1.404e+04	4361.05	5452.16	1.295e+04	3060.82
		53	121.98	-108.10	-215.26	-214.91	-108.46	-6.19	1.416e+04	5334.36	5407.35	1.408e+04	799.15
		50	171.05	-140.87	-281.64	-281.57	-140.94	3.02	-3789.36	-1.919e+04	-3791.70	-1.918e+04	190.02
		26	151.77	-105.82	-279.05	-266.69	-118.18	-44.59	-2846.39	-1.698e+04	-3209.95	-1.661e+04	2237.06
33	16	30	92.70	-90.48	-178.36	-177.13	-91.71	-10.31	1.055e+04	3264.39	4103.54	9709.44	2325.58
		53	93.68	-86.59	-174.71	-170.20	-91.10	19.42	1.086e+04	4055.02	4111.22	1.080e+04	615.77
		50	132.05	-113.29	-244.59	-238.36	-119.51	27.90	-2916.51	-1.478e+04	-2920.55	-1.478e+04	218.90
		26	120.02	-114.32	-230.07	-229.05	-115.35	-10.85	-2219.58	-1.330e+04	-2513.15	-1.301e+04	1779.92
33	48	30	93.71	-76.66	-178.63	-173.89	-81.40	-21.47	1.067e+04	3307.29	4148.07	9827.61	2341.41
		53	93.76	-86.07	-168.89	-168.06	-86.90	8.26	1.088e+04	4080.79	4137.10	1.082e+04	616.09
		50	131.75	-111.46	-230.90	-228.50	-113.85	16.74	-2914.49	-1.476e+04	-2917.41	-1.476e+04	185.98
		26	118.44	-99.51	-222.25	-218.17	-103.60	-22.01	-2203.16	-1.319e+04	-2491.45	-1.290e+04	1755.84
34	3	35	105.44	-48.52	-183.78	-180.74	-51.55	-20.03	1.234e+04	7027.99	7032.63	1.234e+04	156.98
		57	125.70	-67.00	-162.77	-162.77	-67.00	-0.65	1.481e+04	7623.26	7627.90	1.481e+04	182.64
		53	117.39	-90.96	-218.01	-217.93	-91.04	-3.09	1.373e+04	5691.40	5702.53	1.372e+04	298.90
		30	118.69	-56.94	-241.88	-228.65	-70.17	-47.66	1.358e+04	4491.78	5716.00	1.236e+04	3103.19
34	29	35	81.94	-14.61	-136.68	-135.55	-15.74	-11.67	9684.36	5537.21	5542.82	9678.75	152.48
		57	97.89	-31.37	-122.58	-122.47	-31.48	3.16	1.162e+04	5997.65	6001.83	1.162e+04	153.39
		53	90.95	-44.73	-141.08	-141.07	-44.74	0.99	1.074e+04	4447.18	4457.93	1.073e+04	259.96
		30	91.57	-17.09	-156.58	-148.55	-25.12	-32.50	1.060e+04	3503.22	4460.42	9643.79	2424.41
34	61	35	81.44	-26.62	-138.14	-136.54	-28.21	-13.24	9578.57	5459.51	5463.98	9574.10	135.62
		57	97.19	-42.33	-123.17	-123.14	-42.36	1.58	1.149e+04	5914.49	5918.35	1.149e+04	146.74
		53	90.38	-57.77	-152.53	-152.53	-57.77	-0.58	1.062e+04	4397.15	4406.82	1.061e+04	245.11
		30	91.14	-30.79	-169.27	-160.31	-39.75	-34.07	1.049e+04	3468.06	4413.96	9545.58	2397.66
35	3	39	49.14	-45.67	-97.18	-95.82	-47.03	-8.27	5316.83	891.72	3677.25	2531.30	-2137.08
		60	43.52	-47.13	-95.11	-94.33	-47.92	6.09	4681.17	3483.35	4433.24	3731.28	-485.29
		57	124.79	-55.97	-161.39	-161.38	-55.98	-1.12	1.475e+04	7631.32	7631.48	1.475e+04	33.93
		35	105.80	-44.07	-178.01	-175.96	-46.12	-16.44	1.244e+04	6945.58	6945.61	1.244e+04	-12.48
35	29	39	39.34	-25.13	-87.81	-87.80	-25.13	0.50	4246.77	844.07	2939.83	2151.02	-1655.00
		60	35.21	-24.27	-88.95	-86.79	-26.44	11.63	3742.71	2876.62	3518.06	3101.26	-379.60
		57	97.59	-28.91	-122.98	-122.61	-29.27	5.82	1.159e+04	6008.52	6008.74	1.159e+04	34.74
		35	82.72	-20.87	-134.06	-133.80	-21.13	-5.46	9779.77	5482.95	5483.03	9779.69	-18.18
35	61	39	38.48	-31.75	-81.18	-81.05	-31.89	-2.54	4152.16	757.48	2871.97	2037.68	-1645.28

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		60	34.22	-31.58	-81.54	-80.02	-33.11	8.59	3653.57	2762.65	3447.04	2969.19	-375.96
		57	96.71	-37.22	-122.81	-122.72	-37.31	2.78	1.145e+04	5923.19	5923.36	1.145e+04	30.23
		35	82.00	-28.57	-134.61	-133.92	-29.25	-8.50	9663.78	5401.13	5401.19	9663.71	-16.53
36	2	27	66.18	9.34	-44.27	7.68	-42.60	-9.30	-592.91	-6976.27	-1254.68	-6314.50	-1945.85
		52	69.40	15.03	-42.07	13.53	-40.57	9.13	-1421.93	-7653.72	-1455.89	-7619.75	-458.84
		60	42.42	-44.02	-90.53	-90.53	-44.02	0.48	4458.35	3699.53	4170.87	3987.00	-368.10
		39	54.61	-44.61	-89.60	-89.20	-45.01	-4.19	5783.14	540.92	3429.62	2894.44	-2607.41
36	30	27	51.32	61.61	-32.57	58.55	-29.51	-16.71	-471.48	-5325.36	-977.77	-4819.06	-1483.63
		52	53.38	62.81	-30.75	62.67	-30.61	-3.61	-1104.68	-5806.27	-1130.42	-5780.54	-346.89
		60	31.92	-35.81	-59.60	-54.87	-40.54	-9.50	3375.68	2822.21	3135.16	3062.73	-274.36
		39	40.55	-30.73	-61.79	-53.45	-39.06	-13.76	4371.26	399.30	2560.85	2209.71	-1978.21
36	62	27	50.94	37.09	-32.36	34.91	-30.18	-12.12	-452.41	-5323.07	-965.95	-4809.52	-1495.85
		52	53.09	39.24	-29.98	39.23	-29.97	0.98	-1092.80	-5813.93	-1118.96	-5787.77	-350.43
		60	32.31	-35.71	-62.60	-61.67	-36.64	-4.91	3409.24	2842.24	3176.20	3075.28	-278.97
		39	41.24	-33.16	-63.55	-60.47	-36.24	-9.17	4414.18	413.41	2602.26	2225.34	-1991.49
37	2	52	69.32	14.10	-41.66	13.58	-41.15	-5.36	-1445.26	-7641.21	-1457.91	-7628.57	-279.65
		64	68.19	17.20	-42.82	15.67	-41.30	9.43	-1078.93	-7375.71	-1381.92	-7072.73	1347.59
		76	48.62	-42.90	-90.15	-89.89	-43.17	3.55	5517.11	1936.80	3946.28	3507.62	1776.66
		60	42.67	-43.55	-90.22	-89.94	-43.83	-3.61	4596.87	3540.35	4136.99	4000.23	-523.82
37	36	52	53.29	63.16	-31.38	63.15	-31.36	-1.06	-1115.45	-5798.27	-1126.53	-5787.19	-227.51
		64	52.60	66.00	-29.64	65.11	-28.75	9.19	-840.50	-5624.91	-1069.00	-5396.41	1020.29
		76	36.46	-36.45	-55.13	-53.27	-38.32	5.60	4179.35	1483.65	2970.87	2692.12	1340.62
		60	32.36	-40.55	-53.64	-53.61	-40.58	-0.57	3512.15	2683.22	3119.38	3075.98	-413.90
37	68	52	53.02	39.58	-30.66	39.51	-30.59	-2.19	-1106.97	-5805.33	-1117.60	-5794.70	-223.24
		64	52.28	42.22	-30.16	41.31	-29.25	8.06	-826.38	-5620.94	-1059.81	-5387.51	1031.85
		76	36.94	-34.38	-61.35	-60.59	-35.14	4.47	4217.41	1494.41	3007.53	2704.29	1353.03
		60	32.64	-36.46	-60.89	-60.77	-36.58	-1.71	3531.78	2711.22	3155.75	3087.24	-408.84
38	3	60	42.82	-47.13	-95.62	-94.14	-48.61	-8.34	4523.55	3632.38	4409.68	3746.24	-297.51
		76	45.44	-42.73	-95.54	-93.97	-44.29	8.95	5165.92	2217.25	4209.12	3174.06	1380.51
		74	117.25	-51.57	-168.62	-167.01	-53.17	13.63	1.381e+04	7543.05	7545.08	1.381e+04	-112.86
		57	124.74	-55.57	-161.60	-161.02	-56.15	-7.78	1.475e+04	7546.48	7546.51	1.475e+04	-13.71
38	35	60	34.51	-27.78	-87.01	-86.87	-27.91	-2.85	3583.35	3013.95	3481.38	3115.93	-218.33
		76	36.06	-21.69	-88.20	-86.48	-23.41	10.55	4100.46	1847.92	3318.86	2629.52	1072.23
		74	91.37	-24.71	-127.54	-125.65	-26.59	13.79	1.082e+04	5910.46	5911.92	1.082e+04	-84.65
		57	97.53	-30.05	-121.32	-121.27	-30.10	-2.11	1.159e+04	5919.52	5919.63	1.159e+04	-24.33
38	67	60	33.59	-33.70	-80.44	-80.00	-34.15	-4.54	3512.01	2889.19	3418.80	2982.39	-222.18
		76	35.37	-28.60	-81.25	-79.71	-30.14	8.87	4017.82	1763.63	3261.69	2519.76	1064.30
		74	90.69	-33.23	-127.92	-126.34	-34.81	12.11	1.071e+04	5840.43	5841.88	1.071e+04	-83.88
		57	96.66	-37.65	-122.03	-121.86	-37.82	-3.80	1.145e+04	5845.08	5845.14	1.145e+04	-18.43
39	3	57	125.63	-67.06	-163.87	-162.95	-67.98	-9.40	1.481e+04	7568.93	7569.36	1.481e+04	-55.16
		74	117.61	-56.40	-171.10	-168.36	-59.14	17.52	1.382e+04	7552.35	7560.05	1.382e+04	-219.61
		66	119.73	-81.98	-225.94	-219.57	-88.35	29.61	1.387e+04	5281.38	5855.27	1.330e+04	-2145.10
		53	117.64	-88.47	-220.51	-218.67	-90.31	-15.49	1.374e+04	5564.19	5627.68	1.368e+04	717.62
39	35	57	97.77	-33.30	-121.62	-121.61	-33.31	-1.00	1.160e+04	5930.56	5931.24	1.160e+04	-61.88
		74	91.22	-19.28	-128.72	-125.11	-22.89	19.55	1.081e+04	5908.76	5917.57	1.080e+04	-207.59
		66	92.53	-32.66	-147.70	-140.18	-40.19	28.45	1.081e+04	4082.63	4542.94	1.035e+04	-1698.66
		53	90.97	-44.88	-140.49	-140.20	-45.18	-5.34	1.073e+04	4336.98	4377.76	1.069e+04	508.93
39	67	57	97.10	-43.51	-122.92	-122.73	-43.70	-3.84	1.148e+04	5858.89	5859.40	1.148e+04	-53.39
		74	90.73	-31.93	-129.47	-126.52	-34.88	16.71	1.071e+04	5842.83	5850.12	1.070e+04	-188.12
		66	92.04	-48.10	-158.87	-152.60	-54.37	25.61	1.071e+04	4056.99	4506.55	1.026e+04	-1669.64
		53	90.47	-57.05	-153.01	-152.30	-57.76	-8.19	1.062e+04	4292.96	4337.06	1.057e+04	526.23
40	2	53	121.05	-106.80	-217.91	-216.53	-108.18	-12.31	1.405e+04	5326.94	5342.68	1.404e+04	370.32
		66	123.31	-102.63	-220.73	-214.97	-108.38	25.43	1.422e+04	5138.16	5564.12	1.380e+04	-1920.34
		62	164.74	-126.99	-286.92	-281.60	-132.31	28.68	-3467.93	-1.847e+04	-3611.41	-1.833e+04	-1460.29
		50	171.02	-137.44	-281.45	-279.50	-139.39	-16.65	-3762.89	-1.918e+04	-3778.69	-1.917e+04	493.35
40	16	53	93.14	-89.06	-179.42	-176.60	-91.88	15.71	1.079e+04	4102.30	4116.22	1.078e+04	304.92
		66	96.44	-64.02	-191.15	-173.34	-81.82	44.12	1.108e+04	4007.02	4322.60	1.077e+04	-1460.64
		62	124.60	-86.81	-250.20	-234.61	-102.40	48.00	-2641.10	-1.402e+04	-2738.03	-1.392e+04	-1045.56
		50	132.12	-117.14	-235.81	-234.79	-118.16	10.97	-2886.92	-1.478e+04	-2904.69	-1.477e+04	459.43
40	48	53	93.15	-86.99	-172.35	-172.12	-87.23	4.47	1.081e+04	4104.11	4117.22	1.079e+04	296.09
		66	95.74	-70.87	-180.74	-169.81	-81.80	32.89	1.102e+04	3985.44	4307.17	1.070e+04	-1470.04
		62	125.46	-91.44	-236.44	-226.43	-101.45	36.76	-2651.19	-1.410e+04	-2754.54	-1.399e+04	-1082.71
		50	131.77	-112.58	-225.83	-225.83	-112.58	-0.27	-2889.08	-1.476e+04	-2904.23	-1.475e+04	423.89
41	2	66	126.96	-107.22	-213.20	-211.03	-109.39	15.00	1.459e+04	4830.96	5480.80	1.394e+04	-2433.44
		92	134.22	-21.35	-256.79	-210.09	-68.04	93.88	1.472e+04	3511.48	6375.65	1.185e+04	-4887.89
		89	137.83	-87.67	-272.26	-261.10	-98.83	44.00	-1132.22	-1.472e+04	-2249.80	-1.361e+04	-3733.66
		62	165.43	-155.67	-288.07	-287.60	-156.14	7.86	-3629.37	-1.848e+04	-3705.35	-1.841e+04	-1059.58
41	18	66	96.26	-97.48	-165.81	-164.41	-98.89	-9.69	1.104e+04	3569.97	4068.97	1.054e+04	-1865.50
		92	100.49	-54.14	-188.19	-165.82	-76.51	49.98	1.103e+04	2565.66	4738.12	8855.02	-3696.40
		89	107.03	-102.25	-225.53	-224.07	-103.71	13.32	-940.86	-1.152e+04	-1769.73	-1.069e+04	-2842.98
		62	129.27	-136.34	-245.68	-243.06	-138.96	-16.72	-2813.37	-1.437e+04	-2873.38	-1.431e+04	-830.54
41	50	66	96.92	-91.44	-163.54	-163.54	-91.44	0.22	1.113e+04	3639.17	4139.72	1.063e+04	-1870.81
		92	101.77	-36.68	-192.26	-164.11	-64.83	59.90	1.117e+04	2626.95	4815.83	8977.22	-3728.26

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		89	106.18	-86.06	-217.66	-213.42	-90.30	23.24	-904.49	-1.143e+04	-1750.23	-1.058e+04	-2860.76
		62	128.26	-129.33	-233.58	-233.13	-129.78	-6.81	-2801.34	-1.429e+04	-2860.85	-1.423e+04	-824.74
42	3	74	119.39	-64.30	-171.53	-171.36	-64.48	4.29	1.399e+04	7870.35	7920.38	1.394e+04	-550.90
		100	78.66	-24.20	-199.62	-194.30	-29.52	30.09	8936.31	6112.01	6166.72	8881.60	389.24
		92	123.12	-34.60	-266.29	-251.24	-49.64	57.08	1.367e+04	3497.39	6491.37	1.068e+04	-4635.99
		66	119.19	-80.05	-218.36	-213.61	-84.80	25.21	1.387e+04	5472.31	5885.54	1.346e+04	-1816.51
42	11	74	91.98	-37.54	-136.68	-133.88	-40.33	16.41	1.080e+04	6104.63	6147.35	1.075e+04	-445.61
		100	60.23	0.13	-159.57	-150.89	-8.55	36.21	6863.67	4768.02	4810.79	6820.90	296.30
		92	94.89	-5.43	-207.01	-189.37	-23.08	56.97	1.051e+04	2741.15	5090.19	8164.04	-3569.11
		66	91.80	-45.72	-170.66	-161.47	-54.91	32.61	1.070e+04	4292.78	4632.38	1.036e+04	-1434.99
42	43	74	91.76	-45.04	-133.56	-132.35	-46.25	10.30	1.076e+04	6060.07	6100.35	1.072e+04	-433.03
		100	60.29	-9.94	-156.22	-149.74	-16.42	30.10	6858.33	4725.55	4768.46	6815.43	299.45
		92	94.49	-16.51	-205.30	-190.43	-31.38	50.86	1.048e+04	2708.72	5029.17	8155.10	-3555.00
		66	91.46	-54.72	-168.69	-162.15	-61.27	26.51	1.064e+04	4238.21	4566.22	1.032e+04	-1411.89
43	3	76	49.66	-48.27	-100.55	-98.80	-50.02	-9.40	5542.96	2095.25	4452.49	3185.72	1603.28
		18	59.25	-35.07	-89.98	-88.35	-36.71	9.32	4989.14	-1844.59	2275.87	868.67	3343.64
		100	84.54	-40.70	-201.12	-200.84	-40.98	6.68	9770.74	5964.15	6048.45	9686.44	560.19
		74	116.46	-42.73	-164.47	-163.42	-43.78	11.24	1.372e+04	7760.64	7767.13	1.371e+04	-196.48
43	25	76	40.65	-16.80	-99.18	-86.40	-29.58	-29.82	4449.92	1793.14	3548.89	2694.17	1257.77
		18	47.83	-18.70	-83.27	-79.31	-22.65	-15.48	4005.47	-1274.48	1878.94	852.05	2589.56
		100	66.56	-20.99	-155.33	-153.01	-23.31	-17.49	7704.76	4716.47	4781.47	7639.76	435.90
		74	91.21	-20.11	-124.76	-122.92	-21.94	-13.73	1.080e+04	6092.68	6097.40	1.079e+04	-149.07
43	57	76	39.36	-28.15	-88.69	-81.32	-35.52	-19.80	4340.44	1691.10	3472.26	2559.27	1243.53
		18	46.69	-26.04	-74.46	-73.84	-26.66	-5.45	3911.39	-1346.43	1810.32	754.64	2575.37
		100	65.80	-27.99	-153.58	-153.14	-28.43	-7.47	7607.75	4646.18	4711.58	7542.35	435.21
		74	90.33	-28.86	-123.76	-123.62	-29.01	-3.71	1.066e+04	6015.14	6019.86	1.066e+04	-148.09
44	3	64	67.03	15.76	-34.84	15.62	-34.71	-2.61	-908.04	-7247.97	-1344.37	-6811.64	1604.97
		90	59.06	23.27	-36.49	21.84	-35.06	9.12	502.59	-5723.51	-961.47	-4259.45	2640.44
		18	69.26	-32.04	-93.46	-93.46	-32.04	-0.12	5839.18	-2094.02	2185.30	1559.86	3954.25
		76	49.31	-33.54	-89.44	-89.42	-33.56	-1.02	5605.42	2141.21	4218.85	3527.78	1697.29
44	25	64	51.79	-14.09	-48.61	-32.95	-29.75	-17.19	-705.12	-5689.54	-1041.13	-5353.52	1249.77
		90	45.32	-24.60	-37.17	-28.40	-33.37	-5.77	379.49	-4484.50	-737.37	-3367.64	2045.73
		18	55.44	-19.98	-87.47	-83.65	-23.81	-15.60	4595.35	-1615.55	1776.15	1203.64	3092.23
		76	39.27	-19.10	-83.56	-80.18	-22.48	-14.37	4373.86	1641.31	3317.81	2697.36	1330.59
44	57	64	52.15	-7.98	-35.65	-13.22	-30.41	-10.84	-724.50	-5690.06	-1052.29	-5362.27	1232.97
		90	45.43	-8.38	-32.36	-8.40	-32.35	0.58	345.37	-4465.96	-748.22	-3372.37	2016.35
		18	54.38	-24.13	-79.36	-77.76	-25.72	-9.25	4531.76	-1618.69	1722.46	1190.61	3063.71
		76	38.45	-24.65	-75.89	-74.60	-25.94	-8.03	4319.44	1626.84	3263.93	2682.35	1314.52
45	3	90	62.70	25.60	-15.46	25.43	-15.29	2.69	1096.14	-5845.14	-896.82	-3852.17	3140.36
		6	19.22	-1.42	-49.04	-5.46	-45.00	13.27	1373.20	-821.40	219.93	331.87	1095.87
		21	73.98	5.35	-61.18	-54.91	-0.92	19.45	-921.71	-7861.08	-7160.90	-1621.89	2090.12
		18	81.36	-53.50	-90.66	-89.04	-55.13	-7.60	6483.90	-2929.07	2135.01	1419.81	4692.88
45	25	90	49.10	13.91	-24.83	1.81	-12.72	-17.96	803.10	-4585.33	-708.79	-3073.44	2420.93
		6	15.30	-18.44	-38.45	-21.23	-35.66	-6.94	1105.21	-626.48	198.97	279.75	864.91
		21	56.48	-3.10	-48.22	-47.78	-3.54	-4.46	-642.71	-6028.11	-5455.95	-1214.87	1659.50
		18	64.71	-26.40	-86.02	-72.59	-39.83	-24.90	4999.17	-2356.22	1581.24	1061.71	3668.51
45	57	90	48.07	12.85	-17.70	9.44	-14.29	-9.62	774.99	-4554.63	-713.29	-3066.35	2391.02
		6	14.32	-12.99	-34.44	-13.09	-34.35	1.40	1073.89	-611.59	193.00	269.31	841.88
		21	56.35	-2.09	-45.29	-44.94	-2.44	3.89	-663.91	-6002.48	-5444.23	-1222.16	1633.60
		18	63.64	-34.73	-77.98	-70.26	-42.45	-16.56	4975.78	-2316.41	1594.50	1064.87	3636.46
46	3	18	84.02	-64.18	-134.11	-117.68	-80.61	-29.65	6285.75	-3312.34	2177.57	795.84	4749.06
		21	74.86	15.73	-20.72	-3.38	-1.61	18.20	-980.17	-8175.25	-7658.74	-1496.68	1857.29
		17	139.85	-86.98	-299.06	-289.72	-96.32	-43.50	-3307.30	-1.487e+04	-1.485e+04	-3323.66	434.66
		100	88.66	0.13	-172.72	-172.38	-0.20	7.64	1.024e+04	6614.85	7554.74	9300.85	1588.88
46	19	18	64.29	-46.88	-102.28	-93.88	-55.28	-19.87	4753.19	-2628.37	1574.07	550.75	3655.14
		21	57.88	17.45	-19.80	-7.07	4.72	17.67	-770.15	-6290.73	-5900.97	-1159.90	1414.13
		17	108.07	-63.57	-233.02	-227.62	-68.97	-29.75	-2556.72	-1.147e+04	-1.146e+04	-2569.00	330.63
		100	67.25	7.45	-136.73	-136.10	6.82	9.50	7808.46	4963.07	5680.72	7090.81	1235.70
46	51	18	64.36	-48.81	-102.91	-92.01	-59.70	-21.69	4772.68	-2598.62	1608.62	565.44	3648.56
		21	57.47	14.50	-17.85	-4.89	1.55	15.85	-756.86	-6260.44	-5867.46	-1149.83	1417.15
		17	107.54	-65.85	-231.52	-225.27	-72.10	-31.57	-2543.96	-1.142e+04	-1.141e+04	-2556.48	333.09
		100	67.60	2.86	-134.50	-134.07	2.43	7.68	7828.26	5007.23	5727.57	7107.91	1230.13
47	3	100	84.44	-13.75	-243.76	-233.78	-23.72	-46.85	9085.98	6907.38	7650.23	8343.12	1032.74
		17	143.07	-68.99	-250.57	-223.79	-95.77	64.39	-3269.53	-1.544e+04	-1.543e+04	-3275.20	262.75
		10	148.55	-121.63	-410.67	-399.39	-132.91	-55.98	-2732.77	-1.513e+04	-1.467e+04	-3188.63	-2332.80
		92	130.12	76.94	-271.00	-231.01	36.95	110.98	1.442e+04	4510.09	8714.42	1.022e+04	-4897.72
47	27	100	64.70	22.60	-194.87	-177.06	4.79	-59.63	6982.75	5327.37	5805.48	6504.64	750.25
		17	110.06	-71.61	-182.37	-175.98	-78.01	25.83	-2489.25	-1.187e+04	-1.187e+04	-2492.03	161.57
		10	114.76	-84.78	-323.46	-303.23	-105.00	-66.47	-2052.25	-1.164e+04	-1.127e+04	-2422.56	-1847.25
		92	98.87	67.76	-185.81	-169.66	51.61	61.92	1.112e+04	3387.50	6607.32	7901.95	-3812.58
47	59	100	64.72	6.22	-190.79	-177.71	-6.86	-49.05	6973.46	5310.79	5828.90	6455.34	770.07
		17	109.74	-64.62	-186.31	-174.21	-76.72	36.41	-2493.98	-1.184e+04	-1.184e+04	-2497.47	180.52
		10	114.14	-89.31	-318.57	-304.02	-103.86	-55.90	-2068.24	-1.160e+04	-1.124e+04	-2428.19	-1816.74

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		92	99.13	61.86	-195.20	-172.81	39.46	72.49	1.107e+04	3409.86	6628.02	7852.27	-3781.06
48	3	92	159.62	22.59	-251.20	-242.72	14.11	47.43	1.712e+04	2126.31	8407.32	1.084e+04	-7397.72
		10	135.80	-60.21	-460.88	-399.44	-121.65	144.37	-2926.43	-1.425e+04	-1.364e+04	-3540.70	-2564.82
		2	41.33	57.04	17.98	49.62	25.41	-15.33	2554.93	-2327.62	-860.83	1088.14	-2238.34
		89	139.03	-33.64	-234.49	-201.50	-66.63	74.42	528.94	-1.381e+04	-1762.19	-1.152e+04	-5253.99
48	31	92	122.86	45.74	-181.92	-177.34	41.16	31.96	1.323e+04	1541.79	6370.72	8401.12	-5755.28
		10	104.58	-42.24	-346.42	-303.24	-85.42	106.15	-2220.56	-1.097e+04	-1.048e+04	-2715.90	-2022.19
		2	33.17	70.97	23.92	62.56	32.33	-18.03	2033.78	-1848.10	-652.04	837.72	-1792.32
		89	107.65	5.65	-148.74	-125.66	-17.43	55.05	514.34	-1.058e+04	-1335.74	-8730.42	-4135.64
48	63	92	122.43	31.30	-186.24	-180.83	25.89	33.87	1.316e+04	1576.77	6391.01	8343.54	-5707.62
		10	104.16	-44.44	-349.36	-304.44	-89.36	108.06	-2227.57	-1.093e+04	-1.044e+04	-2711.42	-1993.91
		2	32.40	59.68	18.73	51.83	26.58	-16.12	1992.52	-1807.88	-651.82	836.46	-1748.43
		89	107.10	-9.47	-163.76	-138.65	-34.58	56.96	446.08	-1.059e+04	-1348.95	-8794.01	-4072.62
49	3	11	138.62	-41.52	-501.73	-391.23	-152.02	-196.58	1.452e+04	2294.58	1.386e+04	2953.79	-2760.95
		85	146.15	15.28	-291.08	-288.31	12.51	-28.96	-338.22	-1.500e+04	-6664.44	-8669.40	-7259.81
		83	125.77	13.44	-237.18	-171.58	-52.17	-110.17	1.163e+04	-1495.69	1385.26	8748.54	-5432.60
		3	42.78	61.92	-91.10	-23.62	-5.55	75.97	2350.60	-2159.23	646.46	-455.09	-2186.62
49	6	11	106.83	-24.77	-398.48	-306.29	-116.96	-161.11	1.117e+04	1769.36	1.069e+04	2255.22	-2081.72
		85	112.91	38.37	-226.12	-222.20	34.45	-31.95	-260.12	-1.158e+04	-5016.34	-6820.08	-5585.75
		83	97.42	44.07	-175.63	-118.30	-13.26	-96.48	8803.16	-1290.68	1017.15	6495.33	-4238.96
		3	32.74	47.58	-52.28	-8.33	3.63	49.57	1812.13	-1712.48	473.16	-373.51	-1710.70
49	38	11	106.35	-27.99	-392.07	-303.06	-117.00	-156.48	1.113e+04	1760.40	1.064e+04	2255.20	-2095.68
		85	112.35	24.96	-224.13	-221.10	21.92	-27.33	-258.06	-1.152e+04	-5049.50	-6730.26	-5568.76
		83	96.85	28.17	-179.65	-124.32	-27.16	-91.86	8853.47	-1206.92	1042.38	6604.17	-4191.59
		3	32.69	48.51	-60.62	-12.42	0.30	54.20	1798.04	-1681.63	479.10	-362.69	-1688.15
50	3	91	148.49	-36.93	-272.02	-196.09	-112.86	-109.93	1.615e+04	3325.85	1.614e+04	3333.86	320.44
		93	59.10	-20.33	-276.33	-259.10	-37.55	64.13	-4088.35	-6193.54	-4771.35	-5510.54	985.57
		85	119.71	74.19	-302.64	-264.29	35.84	-113.94	-2323.97	-1.258e+04	-6768.18	-8135.46	-5082.07
		11	151.76	-128.85	-464.14	-430.20	-162.80	101.14	1.526e+04	2605.59	1.494e+04	2921.41	-1973.67
50	34	91	114.29	-59.28	-187.99	-154.31	-92.95	-56.57	1.243e+04	2535.25	1.243e+04	2539.10	195.08
		93	45.22	20.40	-223.68	-196.34	-6.95	76.98	-3152.89	-4728.03	-3584.92	-4296.00	702.75
		85	90.67	62.32	-211.99	-198.24	48.56	-59.86	-1683.54	-9692.18	-5100.40	-6275.32	-3960.99
		11	117.47	-84.60	-374.62	-329.56	-129.67	105.06	1.175e+04	1961.14	1.149e+04	2222.73	-1578.77
50	66	91	113.94	-45.96	-197.53	-152.80	-90.68	-69.13	1.239e+04	2538.03	1.239e+04	2542.85	217.70
		93	45.30	3.04	-217.88	-197.14	-17.70	64.42	-3148.54	-4738.93	-3621.56	-4265.90	727.01
		85	91.07	57.97	-220.27	-199.93	37.64	-72.42	-1722.33	-9655.10	-5132.90	-6244.52	-3927.25
		11	116.74	-91.48	-365.00	-328.97	-127.52	92.51	1.170e+04	1974.59	1.145e+04	2226.99	-1546.65
51	3	95	78.16	41.99	-27.63	21.58	-7.21	-31.69	8615.66	1074.23	8181.64	1508.25	1756.35
		96	79.07	-60.02	-129.60	-110.66	-78.95	30.97	4558.78	-4669.48	-423.89	313.19	4599.39
		93	66.28	-1.81	-182.75	-182.69	-1.87	-3.43	-3972.77	-7759.75	-4778.10	-6954.42	1549.59
		91	145.35	-98.60	-325.97	-314.56	-110.00	49.62	1.538e+04	3297.42	1.535e+04	3323.85	564.40
51	14	95	60.45	30.60	-20.58	11.39	-1.37	-24.79	6654.53	847.69	6328.53	1173.69	1336.69
		96	60.89	-41.77	-101.63	-89.20	-54.20	24.28	3577.16	-3525.79	-233.45	284.82	3542.00
		93	50.30	5.17	-144.94	-144.88	5.11	-2.94	-2930.52	-5915.26	-3538.60	-5307.17	1202.17
		91	112.57	-72.94	-255.91	-247.72	-81.13	37.83	1.189e+04	2558.65	1.187e+04	2578.39	428.73
51	46	95	60.00	31.25	-20.97	13.94	-3.67	-24.58	6613.46	832.55	6284.92	1161.10	1338.41
		96	60.80	-44.12	-101.04	-87.09	-58.07	24.49	3544.53	-3547.06	-276.59	274.06	3535.09
		93	50.59	1.34	-142.60	-142.55	1.28	-2.73	-2984.69	-5934.58	-3598.18	-5321.10	1197.23
		91	111.92	-74.93	-253.43	-244.93	-83.44	38.03	1.183e+04	2542.44	1.181e+04	2562.53	431.46
52	3	7	18.16	-14.95	-76.53	-18.85	-72.63	15.00	863.72	-1155.73	-178.20	-113.81	1009.21
		84	67.05	52.03	-9.84	45.68	-3.49	-18.78	5820.13	-1712.68	1066.44	3041.02	3634.70
		96	73.46	-44.07	-78.93	-78.70	-44.29	-2.77	3362.32	-5387.96	-566.97	-1458.68	4352.36
		95	79.05	11.23	-63.31	-45.79	-6.29	-31.61	8431.78	1024.33	7753.88	1702.22	2135.87
52	26	7	14.84	-16.91	-62.65	-28.91	-50.65	20.12	706.42	-884.37	-95.32	-82.63	795.37
		84	51.08	19.81	-3.13	19.27	-2.59	-3.48	4540.22	-1266.17	886.04	2388.00	2804.39
		96	57.60	-28.23	-68.35	-66.86	-29.71	7.57	2661.71	-4134.66	-337.77	-1135.19	3374.71
		95	61.16	2.77	-46.54	-42.60	-1.16	-13.37	6517.33	756.65	5978.14	1295.84	1677.90
52	58	7	14.22	-15.34	-58.73	-22.05	-52.01	15.69	675.95	-876.62	-119.44	-81.23	776.05
		84	51.10	27.85	-6.72	25.93	-4.80	-7.91	4514.52	-1254.72	863.27	2396.53	2780.88
		96	56.96	-32.21	-63.56	-63.24	-32.53	3.15	2620.10	-4129.22	-378.79	-1130.33	3353.68
		95	60.69	4.25	-46.14	-38.78	-3.11	-17.79	6469.25	759.12	5935.79	1292.59	1661.80
53	2	84	66.11	67.61	3.40	66.26	4.75	-9.23	4752.77	-3034.85	223.00	1494.92	3841.52
		22	36.57	61.66	-17.13	59.98	-15.44	11.40	3250.97	-817.90	-59.20	2492.28	1584.74
		42	65.48	-20.12	-103.38	-99.78	-23.72	16.94	376.50	-6316.59	-4120.16	-1819.93	3142.70
		96	57.21	-32.05	-103.01	-101.79	-33.27	-9.25	2701.26	-4093.89	-851.91	-540.72	3394.01
53	32	84	52.16	1.81	-23.59	-18.39	-3.39	10.25	3697.09	-2446.67	138.60	1111.82	3033.09
		22	29.26	4.75	-43.41	-22.78	-15.88	23.83	2484.49	-735.18	-87.81	1837.12	1290.44
		42	52.49	1.68	-93.46	-83.47	-8.31	29.16	210.41	-5008.50	-3311.03	-1487.06	2444.90
		96	46.09	-19.31	-87.45	-86.42	-20.34	8.31	2062.44	-3304.33	-764.72	-477.16	2679.53
53	64	84	51.09	13.83	-0.32	13.16	0.35	3.00	3679.40	-2400.73	152.71	1125.97	3000.87
		22	28.30	17.25	-22.76	8.43	-13.94	16.58	2488.57	-702.54	-72.14	1858.16	1270.54
		42	51.50	-5.64	-86.78	-80.35	-12.07	21.92	234.45	-4943.54	-3251.37	-1457.72	2428.70
		96	45.05	-22.31	-82.97	-82.95	-22.32	1.07	2070.79	-3240.45	-714.15	-455.50	2652.47

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
54	3	96	65.64	-32.06	-80.67	-80.24	-32.49	-4.53	3396.12	-4465.37	-821.89	-247.36	3920.23
		42	56.24	-34.32	-102.19	-98.66	-37.85	15.07	-1225.70	-6057.61	-4240.41	-3042.90	2340.58
		40	106.10	-26.25	-177.42	-176.97	-26.70	-8.25	-7649.34	-1.241e+04	-7650.66	-1.241e+04	79.31
		93	59.83	-37.12	-217.90	-217.83	-37.19	3.56	-3193.95	-6983.67	-3317.79	-6859.82	673.79
54	32	96	52.68	-12.84	-77.37	-68.63	-21.57	22.07	2468.88	-3607.04	-784.08	-354.08	3030.34
		42	45.81	-2.82	-99.25	-81.32	-20.75	37.52	-1126.23	-4848.56	-3399.50	-2575.28	1814.96
		40	83.18	-7.92	-137.10	-134.16	-10.86	19.25	-5984.52	-9776.61	-5985.45	-9775.68	59.40
		93	47.47	-18.39	-172.21	-166.82	-23.78	28.28	-2580.56	-5520.23	-2668.21	-5432.58	499.98
54	64	96	51.63	-21.51	-67.85	-65.26	-24.10	10.64	2533.74	-3523.04	-714.64	-274.67	3020.39
		42	44.49	-15.17	-89.22	-78.48	-25.92	26.08	-1032.79	-4740.14	-3321.34	-2451.59	1801.94
		40	82.34	-16.16	-135.09	-134.58	-16.68	7.82	-5921.32	-9654.53	-5922.42	-9653.44	64.00
		93	46.78	-24.94	-168.70	-166.70	-26.94	16.85	-2522.32	-5445.72	-2613.45	-5354.60	508.02
55	3	93	54.29	-23.73	-221.02	-219.94	-24.81	-14.56	-3420.93	-6283.86	-3525.76	-6179.03	537.71
		40	107.78	-45.72	-185.21	-185.08	-45.85	-4.15	-7641.68	-1.255e+04	-7679.95	-1.251e+04	-431.77
		31	117.98	-47.55	-238.47	-229.48	-56.53	-40.43	-5185.77	-1.368e+04	-6231.69	-1.263e+04	-2790.76
		85	111.51	-14.76	-296.29	-283.04	-28.01	-59.63	-735.25	-1.151e+04	-4118.19	-8122.85	-4999.18
55	14	93	41.22	-0.52	-175.11	-172.29	-3.33	-21.99	-2680.56	-4815.05	-2767.43	-4728.19	421.75
		40	82.88	-20.05	-146.94	-145.46	-21.54	-13.65	-5909.36	-9688.39	-5941.39	-9656.36	-346.44
		31	90.92	-18.18	-187.04	-176.02	-29.20	-41.71	-4048.30	-1.055e+04	-4884.02	-9718.68	-2176.88
		85	85.83	8.74	-230.80	-216.64	-5.42	-56.49	-619.21	-8839.76	-3262.55	-6196.42	-3839.59
55	46	93	41.44	-9.70	-172.26	-170.45	-11.51	-17.03	-2655.27	-4818.90	-2739.73	-4734.43	419.07
		40	82.76	-28.51	-144.17	-143.51	-29.16	-8.69	-5878.21	-9654.58	-5908.51	-9624.29	-336.87
		31	90.55	-28.00	-184.81	-175.66	-37.15	-36.76	-4007.43	-1.050e+04	-4825.47	-9683.01	-2154.73
		85	85.54	-1.55	-228.76	-216.39	-13.91	-51.54	-592.58	-8815.03	-3210.22	-6197.39	-3830.32
56	2	85	125.31	-8.03	-303.57	-268.74	-42.86	-95.29	-474.60	-1.264e+04	-4103.85	-9010.60	-5565.91
		31	129.72	-68.25	-225.46	-216.27	-77.44	-36.88	-4345.13	-1.478e+04	-5897.32	-1.323e+04	-3713.25
		16	151.47	-129.46	-283.98	-277.83	-135.61	-30.19	1.689e+04	2940.36	3236.09	1.659e+04	-2009.31
		83	117.77	-23.47	-216.04	-192.85	-46.66	-62.67	1.178e+04	-201.29	1649.32	9929.80	-4329.99
56	7	85	93.70	-43.21	-225.48	-208.53	-60.17	-52.94	-241.91	-9441.69	-3007.01	-6676.58	-4218.12
		31	97.96	-78.68	-167.55	-166.63	-79.60	-8.95	-3206.74	-1.115e+04	-4396.83	-9956.58	-2834.24
		16	119.11	-128.53	-236.06	-236.00	-128.58	-2.43	1.317e+04	2300.95	2522.78	1.295e+04	-1537.16
		83	89.97	-59.34	-179.34	-171.67	-67.02	-29.35	9205.65	-55.74	1307.76	7842.15	-3281.58
56	39	85	94.95	-26.12	-229.02	-207.86	-47.29	-62.02	-296.30	-9573.06	-3075.67	-6793.69	-4249.54
		31	98.82	-66.61	-169.84	-166.59	-69.86	-18.03	-3269.32	-1.125e+04	-4463.39	-1.006e+04	-2847.39
		16	117.85	-115.75	-227.03	-225.83	-116.96	-11.51	1.308e+04	2280.59	2505.67	1.286e+04	-1543.05
		83	90.29	-40.05	-173.20	-160.99	-52.26	-38.43	9137.81	-106.19	1288.50	7743.12	-3308.68
57	2	31	123.97	-71.01	-239.54	-224.75	-85.81	-47.69	-4431.94	-1.413e+04	-5534.24	-1.303e+04	-3078.98
		70	122.37	-101.06	-216.95	-216.94	-101.07	0.98	-5402.80	-1.425e+04	-5465.57	-1.418e+04	-742.41
		58	170.15	-134.23	-282.41	-282.12	-134.52	-6.59	1.911e+04	3769.55	3772.39	1.911e+04	-208.81
		16	151.73	-105.29	-276.00	-268.99	-112.29	-33.86	1.698e+04	2841.93	3208.49	1.661e+04	-2246.66
57	12	31	93.03	-67.82	-165.80	-164.36	-69.26	-11.79	-3326.85	-1.067e+04	-4194.41	-9799.69	-2369.73
		70	93.26	-63.64	-163.29	-156.58	-70.36	24.98	-4121.78	-1.090e+04	-4174.27	-1.085e+04	-594.19
		58	131.30	-90.86	-203.70	-199.84	-94.72	20.52	1.476e+04	2917.76	2922.49	1.476e+04	-236.74
		16	119.44	-88.01	-191.23	-191.17	-88.07	-2.47	1.329e+04	2219.32	2519.68	1.299e+04	-1798.92
57	44	31	94.11	-62.17	-173.28	-168.30	-67.15	-22.99	-3365.82	-1.077e+04	-4225.90	-9906.13	-2371.75
		70	93.67	-70.94	-163.41	-161.31	-73.05	13.78	-4140.81	-1.093e+04	-4191.50	-1.088e+04	-584.56
		58	131.03	-97.33	-208.39	-207.61	-98.12	9.32	1.473e+04	2908.45	2911.91	1.472e+04	-202.34
		16	118.12	-85.03	-199.89	-198.24	-86.68	-13.67	1.318e+04	2201.72	2494.66	1.289e+04	-1769.35
58	3	40	106.30	-41.15	-184.91	-182.94	-43.12	-16.72	-7225.46	-1.246e+04	-7229.23	-1.245e+04	-140.37
		79	126.85	-61.36	-163.07	-162.91	-61.53	4.14	-7706.14	-1.498e+04	-7707.59	-1.497e+04	-102.94
		70	117.86	-84.51	-220.01	-220.00	-84.52	-1.25	-5753.69	-1.381e+04	-5762.54	-1.381e+04	-267.02
		31	119.08	-53.17	-243.26	-232.03	-64.40	-44.80	-4565.64	-1.367e+04	-5792.54	-1.244e+04	-3108.30
58	34	40	82.39	-8.25	-137.53	-136.82	-8.96	-9.54	-5672.65	-9745.90	-5677.42	-9741.13	-139.32
		79	98.40	-26.08	-122.39	-121.95	-26.53	6.53	-6039.58	-1.170e+04	-6041.11	-1.170e+04	-93.07
		70	90.94	-39.03	-142.14	-142.10	-39.07	2.04	-4478.69	-1.077e+04	-4487.20	-1.076e+04	-231.17
		31	91.67	-13.64	-157.63	-150.73	-20.54	-30.76	-3550.12	-1.064e+04	-4506.69	-9684.73	-2422.45
58	66	40	81.98	-20.36	-139.08	-138.07	-21.36	-10.90	-5603.82	-9652.09	-5607.51	-9648.40	-122.18
		79	97.88	-37.27	-123.24	-122.93	-37.59	5.17	-5967.01	-1.160e+04	-5968.32	-1.159e+04	-85.68
		70	90.54	-52.27	-153.85	-153.84	-52.28	0.68	-4436.92	-1.066e+04	-4444.56	-1.066e+04	-218.08
		31	91.34	-27.46	-170.34	-162.72	-35.08	-32.12	-3520.17	-1.054e+04	-4466.94	-9598.03	-2398.81
59	3	42	51.50	-33.52	-93.53	-93.53	-33.52	0.03	-1140.24	-5607.62	-4064.94	-2682.92	2124.12
		86	45.33	-43.68	-92.02	-88.92	-46.78	11.85	-3493.58	-4955.71	-4502.62	-3946.67	676.16
		79	125.73	-49.64	-161.35	-161.23	-49.76	3.62	-7725.09	-1.488e+04	-7725.10	-1.488e+04	-6.20
		40	107.21	-37.01	-179.73	-178.51	-38.23	-13.14	-7113.28	-1.263e+04	-7113.87	-1.262e+04	57.20
59	34	42	41.22	-15.99	-91.11	-90.70	-16.40	5.56	-1022.73	-4463.66	-3236.81	-2249.58	1648.13
		86	36.73	-20.98	-89.80	-86.38	-24.41	14.96	-2865.36	-3976.92	-3566.94	-3275.34	536.31
		79	98.25	-21.77	-122.30	-121.63	-22.44	8.18	-6068.62	-1.170e+04	-6068.66	-1.170e+04	-14.18
		40	83.73	-15.83	-135.63	-135.48	-15.98	-4.25	-5595.72	-9914.04	-5596.26	-9913.50	48.42
59	66	42	40.35	-21.95	-82.14	-81.98	-22.12	3.17	-940.51	-4374.11	-3172.12	-2142.50	1637.80
		86	35.70	-28.25	-81.10	-77.92	-31.43	12.57	-2760.85	-3878.59	-3497.40	-3142.04	529.88
		79	97.39	-30.89	-122.53	-122.16	-31.25	5.78	-5989.83	-1.156e+04	-5989.85	-1.156e+04	-9.37
		40	83.05	-23.09	-136.15	-135.76	-23.48	-6.64	-5522.04	-9805.29	-5522.60	-9804.73	48.88
60	2	22	49.58	44.72	-35.51	43.98	-34.78	7.64	5245.37	528.76	927.43	4846.71	1312.03

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		69	75.50	15.88	-62.70	15.05	-61.87	-8.03	8352.88	1876.18	1881.00	8348.05	176.78
		86	45.98	-36.61	-79.86	-75.64	-40.82	12.83	-3948.34	-4975.17	-4142.14	-4781.37	401.80
		42	65.81	-27.24	-88.59	-87.85	-27.98	6.70	-319.90	-6814.92	-3920.22	-3214.61	3228.29
60	29	22	38.96	79.45	-26.52	79.09	-26.16	-6.21	4030.07	429.63	745.51	3714.18	1018.60
		69	58.20	59.86	-51.38	56.63	-48.16	-18.67	6374.85	1462.48	1465.87	6371.46	128.99
		86	34.72	-36.14	-41.04	-39.69	-37.48	-2.19	-2983.29	-3796.73	-3115.17	-3664.86	299.80
		42	48.84	-23.78	-50.79	-48.56	-26.01	-7.44	-212.36	-5142.78	-2934.49	-2420.65	2451.79
60	61	22	38.40	58.76	-25.76	58.76	-25.76	-0.73	4010.87	406.19	725.46	3691.60	1024.17
		69	57.81	38.51	-48.88	36.48	-46.85	-13.18	6363.98	1444.69	1448.23	6360.44	131.87
		86	35.07	-33.20	-48.97	-48.25	-33.92	3.30	-3014.67	-3820.26	-3155.45	-3679.48	305.93
		42	49.63	-23.26	-57.41	-57.29	-23.37	-1.95	-234.21	-5190.58	-2977.20	-2447.59	2464.00
61	2	69	70.33	20.25	-45.78	17.49	-43.01	-13.23	7769.59	1543.77	1543.82	7769.53	18.66
		88	70.04	13.27	-45.22	12.70	-44.65	5.73	7579.90	1101.30	1434.17	7247.04	-1430.28
		44	49.40	-43.65	-85.60	-85.33	-43.93	3.40	-1935.54	-5618.60	-3898.98	-3655.16	-1837.49
		86	44.29	-45.79	-80.36	-80.20	-45.95	2.38	-3666.22	-4820.90	-4083.93	-4403.19	554.83
61	31	69	54.12	63.09	-34.32	62.52	-33.76	-7.39	5892.37	1162.16	1162.31	5892.22	26.69
		88	54.14	59.53	-33.83	59.14	-33.44	6.02	5779.82	828.07	1077.53	5530.35	-1083.08
		44	37.14	-37.14	-51.60	-49.37	-39.37	5.22	-1484.51	-4261.61	-2947.39	-2798.73	-1386.56
		86	33.76	-39.80	-47.97	-45.61	-42.17	3.70	-2777.27	-3697.60	-3093.28	-3381.59	437.01
61	63	69	53.82	41.46	-33.59	40.50	-32.63	-8.43	5901.53	1167.29	1167.40	5901.42	22.53
		88	53.77	37.36	-33.25	37.01	-32.90	4.98	5777.29	827.33	1082.82	5521.80	-1095.16
		44	37.57	-35.22	-57.69	-56.88	-36.03	4.19	-1494.41	-4297.33	-2977.80	-2813.94	-1399.07
		86	33.97	-37.75	-53.47	-53.01	-38.21	2.67	-2805.64	-3712.32	-3123.42	-3394.55	432.60
62	3	86	44.03	-46.31	-87.90	-87.73	-46.48	-2.64	-3802.21	-4666.20	-4429.14	-4039.27	385.51
		44	45.56	-44.49	-92.54	-90.76	-46.28	9.10	-2261.14	-5196.71	-4153.18	-3304.66	-1405.13
		41	118.55	-49.39	-167.61	-165.55	-51.45	15.46	-7547.43	-1.398e+04	-7551.69	-1.398e+04	165.49
		79	125.64	-50.54	-161.62	-161.51	-50.64	-3.44	-7642.18	-1.487e+04	-7643.24	-1.487e+04	87.45
62	32	86	35.40	-24.60	-82.42	-82.37	-24.65	1.71	-3119.67	-3709.78	-3481.61	-3347.83	287.37
		44	36.08	-22.18	-86.51	-84.67	-24.02	10.73	-1865.65	-4118.53	-3259.83	-2724.35	-1094.16
		41	92.29	-21.93	-127.14	-124.87	-24.20	15.28	-5899.33	-1.095e+04	-5902.50	-1.094e+04	126.49
		79	98.19	-24.19	-122.04	-122.02	-24.21	1.31	-5980.01	-1.169e+04	-5981.33	-1.169e+04	86.69
62	64	86	34.50	-31.46	-75.28	-75.28	-31.46	0.06	-3010.38	-3628.86	-3425.52	-3213.73	290.54
		44	35.43	-29.40	-79.32	-77.60	-31.11	9.08	-1788.72	-4039.05	-3210.30	-2617.46	-1085.42
		41	91.66	-30.83	-127.37	-125.40	-32.80	13.63	-5836.41	-1.084e+04	-5839.55	-1.084e+04	125.13
		79	97.34	-32.52	-122.50	-122.50	-32.53	-0.34	-5912.44	-1.155e+04	-5913.54	-1.155e+04	78.87
63	3	79	126.78	-62.48	-163.07	-162.78	-62.78	-5.40	-7643.18	-1.497e+04	-7644.85	-1.497e+04	110.46
		41	118.72	-53.71	-171.02	-167.68	-57.05	19.51	-7556.01	-1.397e+04	-7567.57	-1.396e+04	272.11
		94	120.69	-77.27	-226.54	-220.21	-83.60	30.08	-5299.96	-1.400e+04	-5884.71	-1.342e+04	2178.72
		70	118.10	-82.94	-221.72	-220.67	-83.99	-12.03	-5625.83	-1.383e+04	-5681.04	-1.377e+04	-670.60
63	32	79	98.33	-28.87	-122.10	-122.06	-28.90	1.77	-5965.61	-1.169e+04	-5967.64	-1.169e+04	107.81
		41	91.75	-16.32	-128.95	-124.98	-20.29	20.77	-5891.31	-1.089e+04	-5903.83	-1.088e+04	249.82
		94	93.00	-28.08	-147.42	-140.18	-35.33	28.50	-4081.79	-1.088e+04	-4550.44	-1.041e+04	1722.64
		70	90.98	-39.69	-141.48	-141.39	-39.78	-3.05	-4366.03	-1.076e+04	-4401.24	-1.072e+04	-473.00
63	64	79	97.81	-39.31	-122.95	-122.95	-39.32	-0.87	-5904.78	-1.158e+04	-5906.48	-1.158e+04	98.00
		41	91.42	-29.24	-129.62	-126.23	-32.63	18.14	-5835.27	-1.080e+04	-5845.91	-1.079e+04	229.62
		94	92.64	-43.81	-158.97	-152.83	-49.94	25.86	-4063.63	-1.079e+04	-4521.69	-1.033e+04	1694.89
		70	90.64	-52.16	-154.00	-153.68	-52.48	-5.68	-4331.14	-1.066e+04	-4369.30	-1.063e+04	-490.06
64	2	70	121.60	-99.49	-220.15	-218.54	-101.10	-13.84	-5385.46	-1.415e+04	-5399.22	-1.414e+04	-346.96
		94	124.53	-95.54	-224.42	-216.21	-103.76	31.48	-5146.23	-1.436e+04	-5593.88	-1.392e+04	1981.41
		87	163.82	-123.38	-282.34	-280.14	-125.58	18.57	1.838e+04	3442.83	3588.52	1.824e+04	1468.19
		58	170.08	-132.31	-280.11	-279.96	-132.46	-4.67	1.910e+04	3746.54	3760.36	1.909e+04	-460.46
64	12	70	92.77	-68.95	-164.29	-162.05	-71.20	14.46	-4162.39	-1.083e+04	-4173.84	-1.082e+04	-276.16
		94	96.83	-40.19	-177.86	-157.65	-60.39	48.72	-4021.79	-1.119e+04	-4362.08	-1.085e+04	1524.70
		87	123.79	-62.15	-204.97	-192.63	-74.50	40.13	1.398e+04	2631.24	2732.44	1.388e+04	1067.02
		58	131.36	-88.90	-198.57	-194.72	-92.76	20.19	1.476e+04	2890.07	2906.21	1.474e+04	-437.39
64	44	70	93.13	-73.40	-164.96	-164.85	-73.52	3.23	-4156.97	-1.086e+04	-4168.05	-1.085e+04	-272.35
		94	96.37	-55.32	-174.87	-161.66	-68.53	37.49	-3996.02	-1.113e+04	-4338.80	-1.079e+04	1526.13
		87	124.69	-77.25	-209.60	-202.96	-83.90	28.89	1.405e+04	2637.23	2743.68	1.394e+04	1096.99
		58	131.04	-95.59	-204.80	-204.06	-96.33	8.96	1.472e+04	2885.28	2898.84	1.471e+04	-400.33
65	2	94	127.74	-100.65	-211.04	-209.59	-102.09	12.55	-4852.49	-1.472e+04	-5505.37	-1.407e+04	2452.52
		32	135.88	-18.34	-266.88	-217.69	-67.53	99.03	-3527.25	-1.487e+04	-6427.96	-1.197e+04	4949.40
		78	137.17	-82.28	-258.41	-251.82	-88.86	33.41	1.466e+04	1105.05	2233.33	1.353e+04	3743.83
		87	164.57	-150.84	-292.14	-289.39	-153.60	19.53	1.840e+04	3595.87	3681.32	1.832e+04	1121.54
65	9	94	97.17	-91.74	-165.24	-163.40	-93.58	-11.47	-3604.74	-1.117e+04	-4106.14	-1.067e+04	1882.60
		32	102.03	-52.38	-196.35	-171.85	-76.88	54.10	-2594.71	-1.118e+04	-4796.75	-8976.91	3748.85
		78	106.42	-96.61	-217.61	-217.38	-96.84	5.31	1.144e+04	909.54	1751.60	1.059e+04	2855.75
		87	128.33	-136.82	-245.33	-244.79	-137.35	-7.57	1.427e+04	2781.34	2849.00	1.421e+04	879.26
65	41	94	97.68	-86.01	-162.52	-162.48	-86.05	-1.64	-3665.43	-1.125e+04	-4168.26	-1.074e+04	1886.53
		32	103.18	-34.71	-200.24	-170.04	-64.91	63.93	-2648.23	-1.130e+04	-4865.80	-9085.19	3778.15
		78	105.54	-81.30	-208.38	-206.54	-83.13	15.14	1.136e+04	878.56	1734.95	1.050e+04	2870.88
		87	127.46	-128.03	-234.75	-234.70	-128.08	2.25	1.421e+04	2772.41	2839.41	1.415e+04	872.95
66	3	41	120.51	-63.15	-170.97	-170.81	-63.32	4.26	-7883.02	-1.414e+04	-7937.28	-1.408e+04	579.94
		45	79.45	-23.30	-197.94	-191.62	-29.62	32.60	-6131.06	-9053.03	-6173.13	-9010.97	-348.06

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		32	123.68	-37.20	-264.72	-252.77	-49.16	50.77	-3567.96	-1.378e+04	-6544.15	-1.081e+04	4641.73
		94	120.24	-73.58	-220.74	-215.03	-79.29	28.43	-5470.95	-1.400e+04	-5903.97	-1.357e+04	1872.88
66	20	41	92.74	-35.83	-136.50	-133.60	-38.73	16.85	-6104.79	-1.090e+04	-6150.92	-1.086e+04	468.13
		45	60.76	2.14	-158.73	-148.91	-7.68	38.52	-4774.47	-6949.12	-4806.87	-6916.72	-263.45
		32	95.28	-6.63	-205.50	-190.50	-21.63	52.53	-2787.97	-1.060e+04	-5120.65	-8263.29	3573.82
		94	92.52	-39.65	-172.86	-162.60	-49.91	35.52	-4281.59	-1.079e+04	-4636.23	-1.043e+04	1477.24
66	52	41	92.58	-43.60	-133.28	-132.01	-44.87	10.61	-6065.26	-1.087e+04	-6108.87	-1.082e+04	455.55
		45	60.85	-8.43	-155.21	-147.73	-15.91	32.27	-4736.32	-6946.10	-4769.11	-6913.31	-267.16
		32	94.91	-17.97	-203.92	-191.58	-30.31	46.28	-2759.17	-1.056e+04	-5064.76	-8256.36	3560.09
		94	92.23	-48.99	-170.77	-163.27	-56.49	29.28	-4232.37	-1.074e+04	-4575.64	-1.040e+04	1455.03
67	3	44	49.83	-49.89	-98.37	-96.32	-51.94	-9.75	-2166.09	-5577.84	-4424.51	-3319.42	-1613.91
		48	59.59	-35.52	-87.08	-85.22	-37.37	9.60	1849.49	-5030.09	-2262.03	-918.57	-3373.56
		45	85.51	-43.20	-201.55	-201.45	-43.30	3.95	-6013.17	-9881.07	-6089.58	-9804.67	-538.22
		41	117.59	-39.44	-163.28	-161.77	-40.96	13.61	-7755.40	-1.387e+04	-7764.85	-1.386e+04	240.22
67	22	44	40.66	-16.46	-96.81	-83.58	-29.69	-29.80	-1844.93	-4468.76	-3517.93	-2795.77	-1261.25
		48	47.94	-18.32	-79.99	-76.10	-22.21	-14.99	1279.07	-4024.48	-1858.02	-887.39	-2606.98
		45	67.21	-21.39	-156.19	-153.35	-24.23	-19.33	-4746.35	-7783.34	-4802.24	-7727.45	-408.18
		41	92.01	-17.22	-122.97	-121.68	-18.51	-11.59	-6077.91	-1.092e+04	-6085.31	-1.091e+04	189.17
67	54	44	39.43	-28.37	-86.70	-78.90	-36.18	-19.85	-1744.42	-4363.74	-3446.09	-2662.06	-1249.62
		48	46.87	-26.05	-71.56	-70.99	-26.61	-5.04	1350.60	-3936.60	-1794.30	-791.69	-2595.63
		45	66.49	-28.97	-154.24	-153.54	-29.68	-9.38	-4679.93	-7689.39	-4737.62	-7631.70	-412.67
		41	91.16	-26.02	-122.40	-122.37	-26.05	-1.64	-6005.71	-1.079e+04	-6012.91	-1.078e+04	185.36
68	3	88	68.70	14.31	-37.53	13.07	-36.29	-7.91	7440.65	914.60	1393.50	6961.75	-1701.76
		80	60.10	21.27	-36.76	20.16	-35.64	7.98	5827.07	-521.40	966.89	4338.78	-2689.49
		48	70.07	-33.92	-93.01	-92.92	-34.00	-2.24	2118.99	-5894.51	-2178.16	-1597.36	-3996.21
		44	49.82	-35.43	-84.74	-84.73	-35.44	-0.49	-2168.77	-5685.90	-4175.11	-3679.57	-1741.02
68	22	88	53.02	-9.64	-53.67	-33.11	-30.20	-21.97	5825.07	686.37	1053.95	5457.48	-1324.31
		80	45.97	-23.40	-38.34	-28.03	-33.70	-6.91	4539.67	-410.45	716.19	3413.03	-2075.49
		48	55.93	-19.80	-87.60	-82.53	-24.87	-17.83	1629.15	-4625.44	-1762.17	-1234.12	-3116.13
		44	39.60	-19.78	-79.48	-75.85	-23.41	-14.27	-1662.23	-4430.82	-3275.54	-2817.51	-1365.22
68	54	88	53.39	-5.11	-40.21	-14.18	-31.15	-15.36	5829.59	716.27	1075.95	5469.91	-1307.59
		80	46.14	-8.78	-32.71	-8.79	-32.70	-0.30	4530.54	-370.50	737.81	3422.23	-2050.24
		48	54.94	-24.54	-79.36	-76.96	-26.95	-11.23	1635.08	-4568.25	-1712.89	-1220.28	-3091.87
		44	38.82	-25.73	-71.90	-70.59	-27.04	-7.66	-1647.95	-4379.71	-3226.06	-2801.60	-1349.29
69	3	80	63.90	22.54	-15.77	22.54	-15.77	0.26	5978.23	-1110.56	929.28	3938.40	-3209.21
		8	19.55	-1.99	-49.68	-5.61	-46.06	12.62	835.24	-1404.12	-228.03	-340.85	-1118.26
		51	75.11	3.47	-62.94	-56.65	-2.82	19.43	7971.32	910.84	7224.46	1657.70	-2171.49
		48	82.26	-54.47	-88.77	-86.39	-56.84	-8.71	2930.23	-6574.32	-2185.04	-1459.05	-4738.39
69	22	80	50.05	15.27	-28.21	-0.17	-12.77	-20.81	4661.43	-810.21	743.93	3107.29	-2467.46
		8	15.67	-17.67	-40.36	-21.06	-36.97	-8.10	642.93	-1123.79	-195.39	-285.46	-882.21
		51	57.26	-4.22	-49.48	-48.84	-4.86	-5.36	6107.99	631.93	5499.51	1240.41	-1721.00
		48	65.31	-25.22	-85.63	-70.11	-40.74	-26.40	2345.98	-5063.07	-1629.31	-1087.78	-3694.62
69	54	80	49.13	12.73	-19.85	7.35	-14.47	-12.10	4642.08	-785.90	742.99	3113.19	-2441.58
		8	14.69	-13.05	-35.53	-13.07	-35.51	0.61	626.06	-1095.30	-193.67	-275.57	-859.70
		51	57.18	-3.57	-46.41	-46.15	-3.83	3.35	6085.69	654.24	5491.32	1248.61	-1695.59
		48	64.28	-34.23	-77.25	-67.98	-43.49	-17.69	2310.88	-5042.82	-1638.69	-1093.26	-3666.72
70	3	48	84.69	-63.26	-140.53	-121.63	-82.16	-33.21	3276.02	-6355.97	-2245.54	-834.41	-4764.03
		51	75.82	22.41	-21.00	6.78	-5.37	20.83	8301.35	965.56	7736.99	1529.92	-1954.88
		47	138.20	-84.46	-313.02	-300.55	-96.93	-51.91	1.464e+04	3248.48	1.462e+04	3272.98	-527.70
		45	88.84	-0.58	-165.62	-164.76	-1.44	11.90	-6701.45	-1.028e+04	-7557.05	-9420.83	-1525.35
70	12	48	64.82	-45.85	-107.12	-96.95	-56.03	-22.80	2599.34	-4808.13	-1628.66	-580.12	-3666.44
		51	58.60	20.83	-17.98	0.69	2.15	19.39	6387.41	760.62	5962.29	1185.74	-1487.05
		47	106.80	-61.46	-243.63	-236.00	-69.09	-36.48	1.129e+04	2511.09	1.127e+04	2529.43	-400.89
		45	67.39	7.57	-131.40	-130.26	6.42	12.57	-5033.59	-7835.29	-5686.16	-7182.73	-1184.26
70	44	48	64.88	-47.91	-107.79	-95.07	-60.63	-24.49	2569.89	-4828.23	-1662.80	-595.54	-3660.37
		51	58.21	18.69	-16.93	2.90	-1.13	17.70	6358.35	746.92	5929.35	1175.91	-1491.06
		47	106.28	-63.76	-242.21	-233.63	-72.34	-38.17	1.124e+04	2498.66	1.123e+04	2517.35	-403.88
		45	67.74	2.75	-129.12	-128.22	1.85	10.88	-5076.26	-7855.75	-5731.66	-7200.36	-1179.88
71	3	45	85.39	-11.30	-251.88	-237.22	-25.95	-57.54	-7035.93	-9145.04	-7708.06	-8472.91	-982.77
		47	141.00	-53.90	-255.26	-210.52	-98.64	83.71	1.525e+04	3211.91	1.524e+04	3220.82	-327.30
		12	144.99	-112.75	-427.84	-406.43	-134.16	-79.30	1.461e+04	2562.90	1.413e+04	3042.98	2356.79
		32	131.73	81.35	-274.73	-227.76	34.38	120.49	-4437.26	-1.455e+04	-8611.38	-1.037e+04	4977.10
71	28	45	65.42	26.96	-202.18	-179.50	4.27	-68.44	-5428.29	-7028.35	-5856.03	-6600.61	-708.13
		47	108.35	-64.47	-181.57	-165.84	-80.21	39.94	1.171e+04	2443.62	1.171e+04	2448.34	-209.08
		12	111.99	-75.20	-339.08	-308.09	-106.20	-84.97	1.123e+04	1918.70	1.084e+04	2308.98	1866.41
		32	100.13	70.80	-186.29	-166.50	51.01	68.53	-3334.03	-1.123e+04	-6540.85	-8020.15	3876.54
71	60	45	65.44	9.59	-197.67	-180.22	-7.85	-57.54	-5410.79	-7019.49	-5877.00	-6553.29	-729.82
		47	108.10	-55.15	-187.81	-164.09	-78.87	50.83	1.169e+04	2449.27	1.168e+04	2454.94	-228.86
		12	111.41	-80.88	-333.14	-309.10	-104.92	-74.07	1.120e+04	1936.62	1.082e+04	2315.93	1835.78
		32	100.39	65.17	-196.80	-169.97	38.34	79.43	-3356.20	-1.117e+04	-6557.28	-7972.22	3843.99
72	3	32	158.41	15.97	-246.77	-244.03	13.23	26.69	-2155.67	-1.713e+04	-8303.13	-1.099e+04	7367.85
		12	131.62	-41.68	-479.32	-395.29	-125.70	172.37	1.382e+04	2610.18	1.311e+04	3323.06	2735.71
		4	44.55	62.71	-23.37	24.82	14.52	-42.73	2366.01	-2664.06	726.52	-1024.57	2357.72

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		78	140.50	-18.80	-254.33	-205.33	-67.80	95.60	1.386e+04	-519.98	1815.62	1.153e+04	5304.92
72	36	32	121.43	43.22	-178.80	-177.68	42.10	15.74	-1540.47	-1.318e+04	-6296.42	-8423.95	5721.67
		12	101.29	-26.66	-358.52	-299.15	-86.02	127.18	1.063e+04	1979.81	1.006e+04	2551.65	2149.89
		4	35.47	75.52	-5.04	44.12	26.35	-39.29	1865.05	-2102.68	549.46	-787.10	1867.92
		78	109.19	17.78	-162.61	-128.17	-16.66	70.90	1.069e+04	-458.74	1396.21	8835.33	4152.11
72	68	32	121.25	27.74	-183.01	-181.49	26.22	17.83	-1587.25	-1.314e+04	-6315.32	-8409.44	5679.42
		12	100.93	-29.49	-362.39	-300.79	-91.09	129.27	1.060e+04	1986.41	1.004e+04	2546.46	2123.38
		4	34.78	64.12	-11.52	33.13	19.47	-37.20	1831.19	-2069.17	549.35	-787.32	1832.08
		78	108.45	2.62	-178.33	-141.32	-34.39	72.99	1.067e+04	-415.53	1399.39	8850.26	4100.81
73	3	5	11.98	77.34	25.68	25.87	77.16	-3.10	303.27	-1034.34	-531.75	-199.32	-647.82
		98	43.87	12.95	-22.71	10.11	-19.87	9.65	3989.74	-828.78	636.26	2524.70	-2216.53
		46	14.15	39.95	-22.06	33.52	-15.62	18.91	1234.56	-103.49	160.25	970.83	-532.29
		68	21.49	87.68	32.48	53.01	67.15	26.68	-371.15	-2205.93	-2139.92	-437.16	-341.70
73	31	5	9.53	59.15	3.02	4.05	58.12	7.55	232.38	-782.20	-398.12	-151.69	-492.10
		98	34.69	3.37	-31.82	-8.71	-19.74	16.71	3170.82	-543.28	519.39	2108.15	-1678.57
		46	10.74	37.90	-24.51	26.45	-13.06	24.15	844.51	-130.17	22.55	691.80	-354.30
		68	15.84	78.27	17.88	42.17	53.99	29.61	-278.02	-1598.07	-1559.05	-317.04	-223.57
73	63	5	9.13	58.34	10.70	10.93	58.11	3.29	218.46	-769.63	-398.85	-152.33	-478.42
		98	33.97	5.27	-24.58	-1.42	-17.89	12.45	3124.89	-536.83	512.19	2075.87	-1655.53
		46	10.14	34.07	-21.21	25.62	-12.76	19.89	814.65	-116.15	35.38	663.12	-343.63
		68	15.54	72.64	20.68	40.99	52.32	25.35	-274.34	-1578.80	-1540.14	-313.00	-221.21
74	3	68	16.44	60.83	5.79	20.57	46.05	24.40	-121.27	-1697.95	-1649.83	-169.39	-271.21
		46	14.53	58.19	-9.68	41.11	7.39	29.45	1075.79	-367.67	-99.56	807.68	-561.36
		49	16.27	65.52	-21.87	63.56	-19.91	-12.93	799.83	-792.77	-725.14	732.20	321.14
		82	13.47	64.92	-11.60	2.41	50.91	-29.59	-372.02	-1474.22	-1401.80	-444.44	273.09
74	32	68	10.63	35.32	15.11	15.60	34.83	3.10	-83.22	-1131.13	-1110.80	-103.56	-144.56
		46	9.30	34.41	9.64	32.44	11.61	6.70	688.19	-326.79	-149.08	510.48	-385.74
		49	12.30	59.72	-18.33	50.32	-8.93	-25.40	460.37	-687.26	-639.05	412.16	230.22
		82	9.99	62.74	-21.99	2.40	38.35	-38.36	-284.40	-1032.31	-989.51	-327.20	173.71
74	44	68	11.28	47.55	9.39	18.00	38.94	15.95	-86.46	-1168.39	-1145.20	-109.65	-156.69
		46	10.28	42.05	-6.76	32.25	3.04	19.55	683.34	-346.23	-181.21	518.32	-377.71
		49	12.13	50.64	-20.21	48.34	-17.91	-12.55	483.85	-669.88	-616.11	430.08	243.19
		82	9.32	54.58	-9.91	2.61	42.06	-25.50	-282.18	-1009.22	-968.98	-322.41	166.24
75	2	82	18.21	101.86	25.23	41.02	86.07	-31.00	-30.31	-1854.01	-1848.16	-36.16	103.10
		49	8.90	24.85	-70.73	15.06	-60.95	-28.97	-412.29	-758.66	-415.64	-755.31	-33.90
		84	53.48	0.59	-102.24	-1.47	-100.18	14.41	5301.94	-35.87	880.14	4385.93	2012.56
		7	13.49	124.20	28.91	32.50	120.61	18.16	165.15	-1223.56	-575.77	-482.65	692.79
75	32	82	15.13	90.67	12.96	33.67	69.97	-34.35	-58.49	-1536.55	-1531.58	-63.47	85.62
		49	5.30	27.85	-59.28	13.12	-44.56	-32.66	-337.26	-407.09	-340.74	-403.60	15.21
		84	42.60	-15.02	-76.79	-15.03	-76.78	0.84	4177.27	-85.25	689.56	3402.46	1643.87
		7	11.40	93.32	11.31	11.53	93.10	4.30	178.64	-995.38	-449.15	-367.59	585.59
75	64	82	14.87	85.40	16.06	32.87	68.59	-29.72	-51.63	-1513.74	-1508.01	-57.35	91.31
		49	5.58	23.74	-56.98	12.43	-45.66	-28.02	-325.28	-445.93	-326.20	-445.01	10.50
		84	41.89	-8.26	-77.38	-8.70	-76.94	5.47	4118.30	-82.12	679.70	3356.48	1618.51
		7	10.94	94.35	16.74	17.78	93.31	8.93	163.72	-978.17	-448.72	-365.72	569.43
76	2	98	42.90	13.73	-25.20	6.66	-18.13	15.00	4128.66	-382.94	646.73	3098.99	-1893.47
		27	61.93	8.79e-03	-78.77	-9.98e-03	-78.75	-1.22	6559.34	890.16	1338.19	6111.30	-1529.46
		54	19.01	44.17	-62.61	44.15	-62.58	-1.51	2106.94	956.12	1282.11	1780.95	-518.55
		46	14.10	41.87	-10.69	37.27	-6.09	14.85	987.36	-482.16	-223.18	728.38	-559.92
76	33	98	34.39	-7.38	-49.59	-35.43	-21.54	19.93	3245.43	-366.56	485.44	2393.43	-1533.47
		27	48.72	-38.06	-68.56	-40.09	-66.53	7.60	5149.82	662.10	1029.93	4781.99	-1231.03
		54	16.64	22.86	-48.44	22.10	-47.68	7.33	1819.88	837.71	1067.32	1590.27	-415.69
		46	12.11	27.91	-18.17	16.45	-6.72	19.92	890.61	-346.56	-121.76	665.80	-477.06
76	65	98	33.78	-1.40	-33.54	-16.95	-17.99	16.06	3207.86	-350.37	487.90	2369.59	-1509.99
		27	48.04	-21.49	-64.07	-21.82	-63.74	3.74	5079.97	660.94	1023.77	4717.14	-1213.14
		54	16.00	27.81	-47.98	27.65	-47.82	3.47	1761.84	806.96	1046.40	1522.40	-413.89
		46	11.78	29.50	-13.02	22.18	-5.70	16.05	860.47	-356.31	-134.72	638.87	-469.60
77	3	46	12.23	25.94	-13.24	14.70	-2.00	17.72	1301.42	273.05	401.12	1173.35	-339.55
		54	25.35	30.38	-62.98	29.59	-62.19	-8.54	2612.63	428.49	721.13	2319.99	-744.00
		55	29.33	96.73	-35.24	94.31	-32.82	-17.73	2959.56	708.48	2871.91	796.13	435.45
		49	21.54	101.58	17.48	100.09	18.96	11.07	295.88	-1715.47	-1529.83	110.24	-582.17
77	23	46	9.80	26.56	-48.81	-3.22	-19.03	36.85	887.89	191.37	275.34	803.93	-226.79
		54	18.30	18.16	-45.34	13.31	-40.49	16.87	1833.15	327.63	526.68	1634.10	-509.95
		55	22.14	106.35	-9.99	105.63	-9.26	9.17	2056.45	485.96	2017.28	525.13	244.92
		49	18.33	114.88	-3.28	105.38	6.22	32.13	177.64	-1328.65	-1229.79	78.77	-373.02
77	55	46	9.16	23.01	-31.49	2.89	-11.36	26.30	883.25	179.52	266.04	796.74	-231.08
		54	18.03	17.87	-44.59	17.22	-43.95	6.32	1824.09	316.65	517.10	1623.64	-511.85
		55	21.54	89.83	-16.63	89.82	-16.62	-1.38	2058.86	477.76	2020.92	515.70	241.97
		49	17.44	97.10	4.63	91.76	9.97	21.58	175.14	-1328.94	-1226.58	72.78	-378.78
78	3	108	32.42	-188.49	-319.69	-210.00	-298.18	-48.58	2699.40	-791.63	859.44	1048.33	-1742.96
		28	49.32	43.77	-575.31	-432.86	-98.67	260.56	-1524.83	-3398.35	-3320.06	-1603.13	374.91
		4	60.63	424.77	-198.15	102.16	124.46	-311.26	3510.05	-1152.03	992.27	1365.76	2323.55
		78	122.58	-80.59	-667.90	-275.30	-473.18	276.49	-2282.22	-1.145e+04	-2782.29	-1.095e+04	2082.09

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
78	22	108	27.96	-127.70	-260.93	-154.63	-234.01	-53.50	2032.86	-842.51	683.56	506.79	-1434.97
		28	36.25	17.60	-421.00	-324.93	-78.47	181.40	-1246.77	-2590.04	-2566.94	-1269.86	174.61
		4	47.20	353.80	-154.19	102.78	96.83	-253.97	2630.89	-908.88	733.80	988.21	1765.30
		78	97.05	-62.77	-489.30	-187.10	-364.97	193.83	-1845.37	-9179.37	-2213.18	-8811.55	1600.71
78	54	108	26.66	-135.42	-253.01	-157.33	-231.11	-45.78	2089.49	-715.59	698.96	674.94	-1402.49
		28	37.05	24.12	-429.48	-327.88	-77.48	189.12	-1218.28	-2618.45	-2583.77	-1252.96	217.62
		4	46.60	340.42	-152.12	91.99	96.30	-246.26	2639.72	-890.41	740.08	1009.23	1759.93
		78	95.65	-62.56	-498.54	-197.49	-363.61	201.55	-1809.05	-9006.92	-2176.73	-8639.25	1584.70
79	2	55	36.10	11.85	-136.36	11.70	-136.21	4.61	3445.34	144.18	917.02	2672.50	1397.86
		56	20.71	32.53	-83.69	31.80	-82.97	9.15	2141.64	1531.19	1561.89	2110.94	-133.39
		69	69.56	-0.57	-95.76	-1.46	-94.88	-9.15	7655.06	2059.74	2077.94	7636.87	318.57
		22	73.22	0.38	-124.22	-1.00	-122.84	-13.03	7209.77	192.12	192.36	7209.53	40.60
79	32	55	30.49	-5.73	-112.92	-5.81	-112.84	2.95	2940.61	203.84	758.30	2386.15	1100.00
		56	17.89	11.73	-64.94	11.19	-64.39	6.44	1877.19	1249.16	1264.23	1862.12	-96.10
		69	54.21	-45.26	-81.35	-47.25	-79.37	-8.23	5984.65	1574.85	1589.25	5970.25	251.56
		22	56.56	-47.06	-111.26	-48.88	-109.44	-10.65	5599.19	140.71	140.90	5599.01	31.94
79	64	55	29.79	1.08	-109.15	0.98	-109.05	3.30	2868.95	179.46	741.68	2306.73	1093.62
		56	17.31	17.84	-64.64	17.27	-64.08	6.79	1809.27	1231.93	1249.44	1791.76	-99.01
		69	53.67	-24.99	-77.40	-26.20	-76.18	-7.88	5916.50	1571.81	1586.18	5902.13	249.44
		22	55.97	-25.75	-104.06	-27.12	-102.69	-10.30	5522.06	135.86	136.02	5521.90	28.99
80	3	54	22.88	54.35	-61.06	52.99	-59.70	-12.45	2614.77	881.98	1460.63	2036.12	-817.22
		71	26.67	57.29	-106.46	57.11	-106.28	-5.44	2756.87	2044.82	2053.22	2748.48	76.84
		56	29.27	40.09	-114.97	38.45	-113.33	15.85	3051.59	1672.55	1689.37	3034.78	151.34
		55	25.11	62.89	-85.11	62.46	-84.69	-7.94	2772.18	644.86	1778.20	1638.84	1061.38
80	35	54	16.47	26.09	-44.31	25.55	-43.76	-6.19	1862.27	628.31	1035.95	1454.62	-580.38
		71	19.37	27.79	-85.27	27.79	-85.26	-0.85	1960.81	1510.56	1515.65	1955.73	47.57
		56	20.55	46.86	-86.14	45.07	-84.35	15.32	2124.47	1218.25	1234.46	2108.26	120.12
		55	17.65	64.05	-57.84	63.97	-57.76	-3.06	1932.87	475.87	1313.66	1095.07	720.26
80	67	54	16.35	32.74	-45.60	31.98	-44.84	-7.68	1852.32	618.97	1030.04	1441.25	-581.39
		71	19.18	34.68	-83.76	34.63	-83.72	-2.33	1946.51	1505.19	1510.14	1941.57	46.45
		56	20.46	39.22	-87.19	37.68	-85.66	13.84	2111.32	1211.79	1228.96	2094.15	123.06
		55	17.37	56.32	-61.45	56.15	-61.27	-4.55	1926.84	462.77	1307.93	1081.68	723.24
81	2	27	61.90	2.56	-77.61	2.51	-77.56	1.99	6576.86	964.55	1398.57	6142.84	-1499.16
		52	69.42	4.65	-98.13	4.40	-97.88	-5.08	7507.85	1664.06	1676.23	7495.68	-266.39
		71	24.90	48.12	-102.06	47.97	-101.91	-4.74	2579.65	1791.12	1811.21	2559.56	-124.24
		54	19.68	41.89	-68.30	41.69	-68.11	-4.65	2140.50	974.23	1207.71	1907.02	-466.69
81	29	27	48.27	-51.37	-68.62	-51.61	-68.39	2.01	5152.11	736.24	1080.86	4807.49	-1184.50
		52	54.06	-49.70	-83.75	-50.03	-83.42	-3.32	5881.71	1285.42	1295.81	5871.32	-218.31
		71	21.31	22.46	-78.94	22.36	-78.85	-3.11	2239.60	1448.25	1460.54	2227.31	-97.84
		54	17.01	17.61	-53.57	17.48	-53.44	-3.00	1853.14	824.54	988.95	1688.73	-376.94
81	61	27	47.78	-27.16	-64.44	-27.24	-64.36	1.75	5086.92	728.99	1074.04	4741.88	-1176.70
		52	53.48	-25.48	-79.91	-25.72	-79.67	-3.58	5803.09	1276.71	1286.76	5793.04	-213.07
		71	20.64	29.21	-78.68	29.10	-78.58	-3.37	2161.02	1430.99	1444.44	2147.58	-98.16
		54	16.45	24.40	-53.02	24.26	-52.89	-3.26	1793.07	803.48	974.90	1621.66	-374.49
82	2	52	69.48	5.39	-97.76	5.39	-97.75	-0.70	7515.99	1679.08	1692.98	7502.09	-284.56
		64	66.39	8.89	-90.69	8.71	-90.52	-4.20	7113.35	1357.50	1558.86	6911.99	1057.57
		75	23.17	42.29	-88.59	42.28	-88.58	-0.85	2452.37	1374.66	1494.29	2332.74	338.54
		71	24.92	46.57	-101.52	46.47	-101.42	-3.92	2574.10	1786.60	1787.54	2573.16	-27.21
82	27	52	53.90	-50.31	-82.67	-50.43	-82.55	-1.97	5872.33	1298.31	1308.48	5862.16	-215.48
		64	51.71	-47.71	-80.14	-48.36	-79.48	-4.56	5566.67	1045.59	1204.56	5407.70	832.74
		75	19.94	17.63	-70.07	17.59	-70.02	-2.05	2121.75	1129.53	1214.43	2036.86	277.53
		71	21.22	21.56	-78.61	21.37	-78.42	-4.39	2224.95	1438.40	1438.99	2224.36	-21.57
82	59	52	53.42	-25.57	-79.19	-25.60	-79.16	-1.35	5800.83	1289.52	1300.14	5790.21	-218.64
		64	51.17	-23.00	-75.25	-23.30	-74.95	-3.94	5496.12	1037.10	1196.60	5336.62	828.12
		75	19.29	24.52	-69.12	24.50	-69.10	-1.43	2051.86	1111.59	1199.13	1964.33	273.21
		71	20.60	28.17	-78.31	28.04	-78.17	-3.77	2151.55	1422.80	1423.43	2150.92	-21.41
83	3	71	27.67	51.60	-103.90	51.60	-103.89	-0.91	2894.64	1935.96	1936.15	2894.45	-13.27
		75	25.88	43.58	-86.60	43.56	-86.58	-1.73	2775.14	1519.39	1627.07	2667.46	351.61
		34	23.12	41.84	-85.72	41.71	-85.59	3.97	2439.87	1566.78	1620.76	2385.89	-210.27
		56	26.19	43.05	-100.84	42.81	-100.59	5.96	2741.66	1849.21	1871.51	2719.36	139.32
83	29	71	20.08	22.24	-83.92	21.95	-83.62	-5.57	2062.94	1423.64	1423.94	2062.64	-13.89
		75	18.77	16.25	-71.60	15.80	-71.15	-6.28	1970.53	1109.18	1184.49	1895.23	243.29
		34	16.09	45.19	-64.26	45.16	-64.23	-1.81	1690.24	1123.27	1169.01	1644.51	-154.40
		56	18.38	46.25	-75.01	46.25	-75.01	-0.51	1903.87	1358.85	1373.52	1889.20	88.20
83	61	71	19.89	29.62	-82.07	29.52	-81.97	-3.34	2048.55	1418.31	1418.49	2048.37	-10.67
		75	18.56	23.61	-69.34	23.43	-69.16	-4.05	1959.05	1101.22	1179.10	1881.17	246.46
		34	16.02	38.83	-65.05	38.83	-65.05	0.42	1674.87	1119.42	1163.72	1630.57	-150.48
		56	18.31	39.88	-76.19	39.85	-76.16	1.72	1891.21	1351.66	1367.94	1874.93	92.29
84	2	56	22.88	32.32	-103.37	32.03	-103.08	6.25	2325.44	1687.90	1705.92	2307.42	105.67
		34	18.98	41.71	-83.53	41.68	-83.49	2.08	1956.97	1416.98	1477.25	1896.71	-170.04
		88	67.08	4.60	-91.56	4.60	-91.56	8.38e-03	7207.19	1384.81	1607.26	6984.75	-1116.10
		69	72.09	2.57	-100.15	1.39	-98.97	-10.95	7782.99	1654.51	1654.69	7782.81	33.41
84	36	56	19.71	11.79	-80.76	10.88	-79.86	9.09	2040.58	1360.42	1370.69	2030.30	82.97

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		34	16.45	18.96	-64.08	18.52	-63.65	5.98	1715.40	1160.34	1197.16	1678.57	-138.14
		88	52.01	-47.07	-77.96	-47.67	-77.36	4.25	5611.78	1062.89	1241.57	5433.10	-883.67
		69	55.86	-49.95	-84.84	-50.44	-84.35	-4.09	6068.90	1283.96	1283.99	6068.87	12.25
84	68	56	19.13	17.78	-79.99	17.26	-79.47	7.13	1972.64	1346.41	1357.40	1961.65	82.21
		34	15.96	24.98	-64.06	24.80	-63.88	4.01	1661.72	1146.18	1186.10	1621.80	-137.80
		88	51.59	-24.25	-74.22	-24.35	-74.11	2.29	5554.74	1055.83	1233.61	5376.96	-876.47
		69	55.38	-26.35	-81.30	-27.02	-80.63	-6.05	5999.40	1273.28	1273.35	5999.33	18.54
85	2	34	18.78	41.93	-86.16	41.71	-85.94	5.30	1929.58	1391.07	1474.10	1846.55	-194.47
		36	10.89	38.26	-37.83	37.75	-37.32	6.20	1056.72	297.79	370.97	983.54	-224.02
		80	51.62	15.64	-45.61	14.20	-44.16	9.29	5212.85	68.81	890.16	4391.50	-1884.27
		88	67.32	4.72	-93.46	4.49	-93.23	-4.75	7235.77	1378.95	1618.91	6995.82	-1160.94
85	32	34	16.33	24.10	-67.20	21.86	-64.96	14.13	1687.35	1148.40	1195.42	1640.33	-152.09
		36	9.70	22.86	-33.12	18.59	-28.85	14.86	951.12	276.49	338.58	889.02	-195.03
		80	40.58	-19.05	-54.20	-32.70	-40.55	17.13	4048.58	-10.50	663.11	3374.97	-1510.12
		88	52.39	-38.87	-78.31	-39.96	-77.22	6.47	5632.40	1040.40	1237.70	5435.10	-931.17
85	64	34	15.83	27.61	-66.39	26.63	-65.41	9.56	1637.26	1130.89	1183.84	1584.31	-154.95
		36	9.40	25.42	-30.66	23.46	-28.70	10.29	926.41	269.85	332.43	863.83	-192.81
		80	40.12	-7.54	-42.75	-12.80	-37.48	12.55	4018.09	2.84	669.08	3351.85	-1493.74
		88	51.88	-20.11	-74.70	-20.18	-74.63	1.90	5575.27	1041.61	1235.73	5381.14	-917.82
86	3	75	25.51	44.14	-86.76	44.11	-86.73	-2.03	2729.77	1516.28	1618.84	2627.22	337.54
		43	18.15	36.52	-38.98	36.07	-38.53	-5.81	1857.89	335.23	601.20	1591.92	578.14
		36	14.78	36.85	-39.07	36.45	-38.67	5.50	1532.81	436.40	598.04	1371.18	-388.71
		34	22.82	42.33	-84.14	42.21	-84.03	3.78	2406.20	1545.83	1589.07	2362.96	-187.96
86	13	75	18.29	30.95	-68.43	30.93	-68.40	-1.67	1937.22	1102.08	1186.24	1853.07	251.39
		43	12.47	25.01	-32.33	24.62	-31.94	-4.71	1248.93	210.24	397.68	1061.49	399.45
		36	9.86	32.34	-30.89	32.06	-30.61	4.19	985.01	252.60	373.35	864.26	-271.76
		34	15.90	36.75	-64.96	36.68	-64.88	2.72	1656.05	1101.76	1140.93	1616.87	-142.05
86	45	75	18.17	31.91	-67.75	31.88	-67.72	-1.60	1925.56	1093.69	1175.92	1843.33	248.28
		43	12.55	26.00	-31.42	25.63	-31.04	-4.64	1256.40	206.44	388.77	1074.07	397.74
		36	9.91	30.12	-30.67	29.82	-30.37	4.26	992.21	254.81	369.45	877.57	-267.19
		34	15.82	34.46	-64.93	34.38	-64.85	2.79	1645.47	1098.39	1136.26	1607.60	-138.86
87	2	64	66.36	7.75	-92.79	7.74	-92.78	0.81	7123.87	1386.29	1593.63	6916.54	1070.80
		90	50.97	17.56	-45.96	15.93	-44.33	-10.05	5149.08	90.73	882.78	4357.02	1838.24
		43	15.20	37.32	-38.61	36.73	-38.02	-6.68	1476.75	183.37	396.47	1263.65	479.80
		75	22.85	43.58	-88.58	43.47	-88.46	-3.88	2420.41	1346.27	1504.08	2262.61	380.27
87	29	64	51.87	-36.84	-79.59	-37.88	-78.55	-6.61	5573.18	1054.08	1226.00	5401.27	864.49
		90	40.20	-21.12	-52.43	-31.69	-41.87	-14.81	4029.94	21.62	677.30	3374.26	1482.66
		43	13.29	18.88	-33.83	15.84	-30.79	-12.30	1303.27	190.25	369.74	1123.78	409.34
		75	19.70	22.29	-69.96	21.17	-68.83	-10.13	2087.51	1118.83	1231.19	1975.16	310.18
87	61	64	51.25	-17.70	-75.40	-17.90	-75.20	-3.36	5503.11	1051.57	1220.11	5334.57	849.62
		90	39.67	-7.33	-42.58	-11.65	-38.26	-11.56	3984.55	28.55	674.20	3338.90	1461.97
		43	12.85	23.14	-31.54	21.60	-30.00	-9.05	1262.97	178.75	355.94	1085.78	400.90
		75	19.05	27.36	-68.90	26.87	-68.41	-6.88	2021.87	1095.47	1211.46	1905.88	306.59
88	3	90	50.39	21.03	-44.74	20.14	-43.86	-7.59	4886.22	-363.27	940.54	3582.41	2268.13
		6	15.72	77.50	32.84	33.45	76.89	5.17	445.67	-1325.88	-500.16	-380.05	883.74
		24	19.77	80.32	36.37	44.04	72.65	-16.68	-180.57	-2006.84	-1866.41	-321.00	486.56
		43	17.46	32.76	-44.38	31.83	-43.45	-8.40	1860.41	559.40	869.48	1550.33	554.32
88	29	90	39.92	3.36	-42.65	-2.63	-36.66	-15.49	3884.21	-181.56	754.03	2948.62	1711.31
		6	12.44	59.19	7.57	8.41	58.35	-6.52	327.32	-1005.46	-379.83	-298.31	665.14
		24	14.28	69.83	16.54	28.76	57.61	-22.40	-138.44	-1433.69	-1342.55	-229.58	331.27
		43	12.90	23.85	-39.28	19.07	-34.50	-16.70	1303.04	368.23	554.36	1116.90	373.30
88	61	90	39.26	8.18	-38.20	5.42	-35.44	-10.97	3838.38	-178.36	748.04	2911.99	1692.01
		6	12.00	58.35	16.04	16.14	58.25	-2.00	318.14	-991.31	-377.68	-295.49	653.43
		24	14.08	65.43	21.37	30.54	56.26	-17.88	-133.62	-1419.22	-1328.32	-224.52	329.54
		43	12.36	23.67	-36.64	21.10	-34.07	-12.18	1269.27	374.58	561.28	1082.58	363.56
89	3	43	16.56	37.56	-34.55	36.70	-33.68	-7.83	1734.77	428.69	652.88	1510.58	492.49
		24	15.59	69.98	9.27	15.50	63.74	-18.43	-113.29	-1614.54	-1469.78	-258.05	443.13
		38	14.23	64.43	2.00	5.66	60.78	14.66	-172.12	-1515.81	-1439.27	-248.66	-311.42
		36	13.60	39.41	-30.44	38.61	-29.64	7.43	1424.78	443.49	551.01	1317.26	-306.50
89	29	43	12.22	33.12	-38.53	22.47	-27.88	-25.49	1161.47	243.64	374.59	1030.53	320.99
		24	11.68	67.97	-11.89	6.77	49.30	-33.80	-77.77	-1135.52	-1034.34	-178.94	311.10
		38	9.87	50.52	7.18	8.77	48.93	-8.14	-117.34	-1008.71	-963.69	-162.35	-195.19
		36	8.80	36.61	-26.06	33.36	-22.81	-13.90	930.25	249.48	318.78	860.95	-205.86
89	61	43	11.86	29.54	-31.99	24.66	-27.11	-16.63	1165.39	253.14	388.44	1030.10	324.22
		24	11.21	60.65	-3.29	8.68	48.68	-24.94	-77.87	-1119.86	-1020.71	-177.02	305.76
		38	9.76	47.44	6.38	6.39	47.43	0.72	-116.02	-1013.77	-966.16	-163.64	-201.20
		36	8.94	31.72	-23.40	31.26	-22.93	-5.04	926.79	249.00	316.81	858.97	-203.39
90	3	36	13.27	35.46	-41.99	34.38	-40.91	9.09	1416.71	739.52	813.54	1342.69	-211.30
		38	19.46	79.28	29.36	36.93	71.71	17.90	-239.68	-2035.55	-1963.02	-312.22	-353.55
		8	16.72	80.41	37.14	37.37	80.17	-3.18	437.98	-1423.63	-605.93	-379.73	-923.91
		80	51.55	18.14	-46.79	17.68	-46.33	5.45	5015.96	-364.46	999.43	3652.08	-2340.53
90	22	36	9.56	25.76	-36.68	22.01	-32.93	14.84	974.27	475.13	502.25	947.15	-113.15
		38	13.88	67.53	14.50	24.62	57.41	20.84	-173.14	-1445.74	-1401.80	-217.08	-232.35

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		8	12.97	61.79	10.63	11.26	61.16	5.63	325.06	-1073.86	-455.32	-293.48	-694.77
		80	40.73	-1.40	-43.27	-4.79	-39.88	11.43	3988.32	-173.82	804.83	3009.67	-1765.08
90	54	36	9.10	25.83	-34.59	23.59	-32.35	11.42	934.85	482.05	508.60	908.30	-106.38
		38	13.74	63.85	17.82	25.80	55.86	17.43	-169.97	-1432.94	-1388.82	-214.10	-231.91
		8	12.62	61.12	18.94	19.06	61.00	2.22	313.19	-1061.11	-455.71	-292.21	-682.27
		80	40.09	4.87	-39.57	3.38	-38.08	8.01	3938.38	-173.89	796.19	2968.30	-1745.90
91	3	1	55.82	460.68	-182.41	116.99	161.28	-320.78	2968.04	-1054.54	1000.79	912.71	2010.81
		97	99.18	-45.87	-615.61	-223.91	-437.56	264.08	-1111.03	-8485.75	-2048.98	-7547.80	2457.10
		101	24.63	-165.30	-284.62	-204.58	-245.34	-56.07	928.25	-1258.67	-11.69	-318.74	-1082.63
		13	43.05	89.53	-567.18	-391.66	-85.99	290.61	-543.05	-2206.36	-1824.16	-925.25	699.74
91	35	1	44.05	381.10	-144.66	111.02	125.42	-262.78	2243.25	-859.69	742.39	641.17	1550.64
		97	78.74	-38.64	-449.78	-150.71	-337.71	183.08	-950.29	-6900.14	-1648.25	-6202.18	1914.59
		101	22.34	-106.27	-235.60	-148.83	-193.05	-60.77	725.11	-1191.88	50.10	-516.87	-915.62
		13	30.60	52.87	-410.87	-291.06	-66.94	202.99	-535.93	-1626.64	-1411.23	-751.34	434.22
91	67	1	43.21	367.58	-141.76	101.37	124.45	-254.41	2239.63	-828.38	748.02	663.23	1533.42
		97	77.47	-37.30	-458.90	-159.89	-336.32	191.45	-920.50	-6729.29	-1613.91	-6035.87	1883.37
		101	20.82	-115.67	-227.19	-152.32	-190.54	-52.39	764.70	-1068.71	52.89	-356.90	-893.51
		13	31.70	59.31	-421.12	-295.03	-66.78	211.37	-500.30	-1672.91	-1437.79	-735.43	469.50
92	2	13	44.81	11.95	-432.57	-305.99	-114.63	-200.62	-646.84	-4326.80	-3932.30	-1041.34	1138.47
		101	31.60	-96.72	-425.91	-262.39	-260.24	164.59	1105.61	-1235.84	485.62	-615.85	-1033.09
		102	30.47	-100.11	-411.88	-274.75	-237.24	-154.75	1527.65	-303.76	927.63	296.27	859.57
		72	54.33	-22.74	-499.44	-370.54	-151.64	211.74	-952.14	-5024.94	-4798.44	-1178.64	-933.37
92	9	13	34.67	36.51	-331.61	-228.03	-67.07	-165.54	-507.54	-3413.65	-3064.80	-856.39	944.51
		101	22.77	-80.06	-310.99	-197.25	-193.79	115.45	572.62	-1275.58	204.85	-907.81	-737.88
		102	21.63	-63.16	-325.80	-211.85	-177.12	-130.17	811.74	-506.06	515.05	-209.36	550.41
		72	42.53	-11.67	-367.82	-282.84	-96.64	151.80	-746.35	-3984.99	-3762.94	-968.41	-818.45
92	41	13	34.46	24.36	-332.01	-231.25	-76.41	-160.49	-496.57	-3364.00	-3031.90	-828.67	917.61
		101	23.30	-77.44	-318.46	-199.25	-196.64	120.50	680.43	-1134.16	269.00	-722.73	-759.80
		102	22.28	-69.39	-321.66	-211.54	-179.51	-125.11	957.73	-385.96	593.32	-21.54	597.38
		72	42.05	-14.21	-375.02	-283.75	-105.49	156.85	-735.55	-3918.21	-3715.83	-937.93	-776.64
93	3	72	45.63	92.71	-602.34	-395.89	-113.74	-317.60	-962.04	-2670.21	-2571.02	-1061.23	-399.49
		102	27.98	-174.34	-276.49	-212.56	-238.27	49.44	1877.42	-1026.92	344.96	505.55	1449.95
		83	99.94	-70.60	-603.88	-217.24	-457.24	-238.11	-1295.52	-8684.09	-2211.09	-7768.52	-2434.43
		3	57.44	452.11	-185.26	99.92	166.94	316.92	3108.33	-1126.82	1196.01	785.50	-2107.60
93	32	72	32.68	51.29	-438.57	-297.32	-89.96	-221.91	-832.99	-2019.74	-1994.62	-858.12	-170.83
		102	25.14	-113.78	-232.51	-157.78	-188.52	57.34	1464.83	-1016.75	310.89	137.19	1237.75
		83	78.72	-57.37	-441.33	-145.66	-353.04	-161.57	-1102.69	-6992.01	-1764.99	-6329.72	-1860.60
		3	44.92	375.13	-148.86	97.76	128.52	261.55	2325.53	-888.05	893.10	544.37	-1597.30
93	64	72	33.79	59.56	-448.40	-299.90	-88.94	-231.04	-800.28	-2056.28	-2015.45	-841.10	-222.74
		102	23.58	-122.92	-222.69	-159.99	-185.63	48.21	1495.24	-894.74	317.83	282.67	1194.86
		83	77.72	-56.18	-450.19	-154.84	-351.52	-170.71	-1066.33	-6846.84	-1733.82	-6179.35	-1847.39
		3	44.26	361.41	-144.99	88.21	128.21	252.41	2334.34	-869.46	898.71	566.17	-1593.25
94	3	97	93.87	-34.99	-541.41	-223.56	-352.85	-244.82	-801.41	-9808.53	-1720.85	-8889.09	2726.93
		26	164.22	-221.88	-621.90	-343.69	-500.08	184.09	-3557.67	-1.676e+04	-3650.24	-1.667e+04	1101.63
		104	18.24	-183.37	-498.37	-212.52	-469.22	-91.28	188.75	-344.53	-259.95	104.18	-194.81
		101	29.05	-97.01	-440.97	-216.98	-321.01	163.93	506.59	-1482.54	-676.81	-299.15	-976.48
94	35	97	75.89	12.66	-398.64	-119.47	-266.50	-192.06	-746.32	-7927.61	-1434.14	-7239.79	2113.37
		26	131.21	-136.87	-455.31	-211.46	-380.72	134.86	-2863.18	-1.342e+04	-2939.27	-1.334e+04	893.01
		104	17.54	-124.33	-388.05	-147.89	-364.48	-75.23	-172.31	-504.56	-315.25	-361.61	-164.50
		101	21.67	-71.05	-329.73	-151.08	-249.70	119.57	228.00	-1319.87	-572.02	-519.85	-773.50
94	67	97	74.23	-5.82	-404.96	-142.75	-268.03	-189.49	-702.06	-7755.05	-1386.48	-7070.63	2087.77
		26	128.92	-152.18	-463.87	-234.55	-381.50	137.44	-2803.87	-1.318e+04	-2877.03	-1.310e+04	868.10
		104	15.62	-131.54	-384.75	-154.47	-361.83	-72.66	-13.82	-360.24	-250.89	-123.17	-161.00
		101	22.12	-72.64	-332.98	-157.81	-247.81	122.15	340.64	-1212.10	-521.76	-349.70	-771.59
95	2	101	16.88	-247.10	-293.47	-249.66	-290.91	10.59	-89.52	-908.68	-446.57	-551.63	-406.20
		104	18.63	-217.24	-469.29	-221.48	-465.04	32.44	-9.71	-499.13	-216.51	-292.32	-241.76
		105	27.89	-210.24	-466.68	-215.38	-461.53	-35.95	1328.19	117.55	158.43	1287.30	218.69
		102	14.05	-257.54	-285.12	-257.55	-285.11	-0.42	505.79	-413.27	-269.33	361.85	334.02
95	20	101	10.45	-194.99	-236.12	-200.23	-230.88	13.72	297.49	-243.97	38.67	14.84	-270.47
		104	14.79	-173.01	-366.46	-177.97	-361.49	30.58	357.85	29.45	216.89	170.41	-162.55
		105	24.42	-162.36	-359.61	-164.84	-357.13	-21.98	1415.44	444.34	475.55	1384.23	171.26
		102	14.36	-196.84	-225.81	-197.89	-224.76	5.41	816.87	40.66	143.48	714.05	263.12
95	52	101	10.97	-192.87	-231.20	-196.45	-227.61	11.16	115.91	-456.87	-144.72	-196.24	-285.23
		104	13.17	-170.35	-363.95	-174.50	-359.81	28.02	180.69	-169.39	36.57	-25.26	-172.29
		105	22.93	-162.07	-359.30	-165.17	-356.20	-24.54	1222.51	277.86	309.16	1191.21	169.08
		102	12.60	-197.58	-222.57	-197.91	-222.24	2.85	609.29	-129.75	-26.06	505.60	256.67
96	3	102	36.52	-92.63	-442.11	-220.55	-314.18	-168.35	1444.65	-1282.54	-499.07	661.19	1234.04
		105	32.63	-172.58	-493.78	-199.57	-466.80	89.11	1907.80	-32.78	64.03	1810.99	422.48
		16	163.02	-237.76	-603.88	-340.55	-501.08	-164.53	-3581.50	-1.665e+04	-3685.91	-1.654e+04	-1163.37
		83	94.88	-59.41	-520.47	-222.82	-357.05	220.54	-863.46	-9835.92	-1722.24	-8977.14	-2639.67
96	32	102	27.58	-73.20	-332.06	-159.42	-245.83	-122.01	1003.33	-1107.25	-364.53	260.61	1007.94
		105	21.90	-120.62	-386.15	-143.49	-363.28	74.50	1120.52	-105.12	7.62	1007.77	354.23
		16	129.65	-148.01	-441.80	-208.79	-381.02	-119.00	-2868.50	-1.327e+04	-2951.12	-1.318e+04	-923.19

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		83	76.14	-4.07	-384.47	-118.69	-269.85	174.54	-802.80	-7891.32	-1428.28	-7265.84	-2010.60
96	64	102	27.95	-72.25	-334.69	-163.62	-243.33	-125.02	1086.70	-1026.67	-346.14	406.17	987.47
		105	23.58	-125.80	-382.12	-147.59	-360.33	71.49	1306.45	-54.77	37.86	1213.82	342.80
		16	127.62	-163.82	-450.25	-232.06	-382.01	-122.02	-2813.96	-1.305e+04	-2894.75	-1.297e+04	-905.86
		83	74.69	-23.40	-389.98	-142.09	-271.29	171.52	-753.68	-7743.01	-1383.98	-7112.70	-2002.03
97	3	105	35.64	-173.67	-507.00	-207.92	-472.76	-101.20	1644.31	-644.90	-494.28	1493.69	567.55
		106	36.22	-192.19	-557.24	-219.52	-529.91	96.08	1801.34	-242.98	-242.44	1800.80	33.16
		58	183.41	-226.92	-631.83	-350.55	-508.20	-186.48	-4038.24	-1.909e+04	-4038.28	-1.909e+04	25.63
		16	157.91	-166.93	-641.45	-329.34	-479.04	225.15	-3143.57	-1.645e+04	-3336.85	-1.625e+04	-1591.82
97	32	105	24.57	-118.85	-393.54	-145.40	-366.98	-81.18	891.01	-551.44	-420.04	759.61	415.05
		106	24.91	-137.27	-430.22	-154.72	-412.76	69.34	1001.75	-242.18	-242.15	1001.71	-6.61
		58	145.40	-125.01	-468.34	-206.79	-386.57	-146.25	-3199.12	-1.511e+04	-3199.16	-1.511e+04	-22.49
		16	125.92	-87.86	-464.58	-190.28	-362.15	167.61	-2523.06	-1.310e+04	-2667.32	-1.296e+04	-1226.93
97	64	105	26.03	-125.18	-390.78	-151.54	-364.43	-79.40	1091.56	-508.81	-386.20	968.94	425.67
		106	26.46	-141.74	-428.11	-160.65	-409.20	71.12	1206.60	-208.78	-208.73	1206.55	8.10
		58	143.30	-147.36	-474.37	-234.31	-387.42	-144.47	-3153.34	-1.490e+04	-3153.34	-1.490e+04	-3.79
		16	123.81	-106.58	-475.46	-218.04	-364.00	169.39	-2476.67	-1.289e+04	-2621.16	-1.275e+04	-1218.15
98	2	104	20.06	-223.79	-463.82	-226.04	-461.57	-23.13	-173.35	-704.21	-521.59	-355.96	-252.18
		103	21.01	-227.19	-524.96	-229.06	-523.08	23.56	-319.59	-538.82	-536.90	-321.50	20.39
		106	33.12	-214.71	-527.83	-217.05	-525.48	-26.99	1568.41	-162.47	-162.00	1567.94	-28.36
		105	27.54	-216.43	-461.89	-218.99	-459.33	24.93	1276.67	-223.75	-185.88	1238.80	235.34
98	36	104	14.31	-195.46	-361.14	-196.73	-359.87	-14.48	-22.07	-440.47	-359.17	-103.38	-165.55
		103	15.79	-196.71	-408.50	-198.91	-406.30	21.47	-150.93	-390.09	-382.22	-158.81	42.68
		106	26.30	-150.34	-401.72	-151.55	-400.51	-17.41	1300.95	-90.64	-89.79	1300.10	-34.36
		105	22.74	-150.65	-353.07	-153.20	-350.52	22.57	1150.61	-120.10	-97.75	1128.26	167.05
98	68	104	14.92	-184.86	-359.20	-186.34	-357.72	-16.00	-89.70	-491.49	-384.54	-196.64	-177.57
		103	16.08	-186.78	-406.41	-188.61	-404.59	19.95	-210.64	-405.21	-400.28	-215.57	30.57
		106	25.80	-157.05	-403.72	-158.51	-402.26	-18.92	1243.68	-109.82	-109.21	1243.07	-28.89
		105	21.92	-157.78	-354.10	-160.06	-351.82	21.05	1059.89	-149.64	-124.47	1034.72	172.66
99	3	26	158.61	-147.64	-660.03	-331.26	-476.41	-245.70	-3117.71	-1.655e+04	-3324.58	-1.634e+04	1654.03
		50	184.98	-210.37	-649.51	-352.75	-507.13	205.56	-4029.88	-1.926e+04	-4030.29	-1.926e+04	-79.40
		103	21.12	-208.38	-553.90	-235.49	-526.79	-92.91	-198.10	-582.86	-581.96	-199.00	18.58
		104	21.00	-189.66	-504.71	-220.02	-474.34	92.98	-19.33	-1025.41	-815.21	-229.52	-409.01
99	35	26	127.06	-75.55	-477.44	-192.33	-360.67	-182.47	-2514.81	-1.325e+04	-2669.65	-1.309e+04	1279.65
		50	147.17	-113.49	-482.07	-209.11	-386.45	161.55	-3205.50	-1.530e+04	-3205.53	-1.530e+04	-16.41
		103	19.37	-143.79	-426.25	-160.23	-409.82	-66.12	-489.81	-607.51	-519.29	-578.03	51.00
		104	17.94	-124.34	-390.86	-147.91	-367.28	75.68	-357.77	-937.06	-684.90	-609.93	-287.21
99	67	26	124.71	-93.12	-488.91	-219.76	-362.27	-184.62	-2463.76	-1.301e+04	-2618.55	-1.285e+04	1268.12
		50	144.83	-135.32	-487.96	-236.28	-387.01	159.41	-3154.55	-1.507e+04	-3154.66	-1.507e+04	-35.90
		103	17.54	-150.92	-424.74	-169.16	-406.50	-68.27	-338.33	-485.40	-477.19	-346.53	33.76
		104	16.11	-133.72	-388.50	-157.09	-365.13	73.53	-178.29	-837.46	-642.13	-373.62	-301.00
100	3	50	184.25	-193.95	-662.57	-350.74	-505.78	-221.11	-3950.18	-1.922e+04	-3967.77	-1.920e+04	517.94
		62	175.12	-175.12	-672.74	-349.91	-497.94	237.55	-3637.11	-1.830e+04	-3741.42	-1.820e+04	-1232.37
		109	20.31	-205.31	-537.26	-228.90	-513.67	-85.29	-114.90	-840.25	-783.45	-171.71	194.87
		103	21.05	-210.54	-551.44	-236.54	-525.44	90.49	-193.55	-750.23	-690.01	-253.77	-172.90
100	25	50	146.46	-98.46	-493.50	-206.97	-384.99	-176.33	-3142.81	-1.526e+04	-3153.68	-1.524e+04	362.70
		62	139.75	-98.44	-485.13	-206.14	-377.43	173.34	-2910.05	-1.460e+04	-2989.14	-1.452e+04	-958.06
		109	18.89	-133.97	-417.64	-154.06	-397.55	-72.76	-496.42	-743.25	-666.72	-572.95	114.16
		103	19.24	-145.94	-422.44	-160.28	-408.10	61.31	-423.67	-778.41	-597.79	-604.29	-177.34
100	57	50	144.19	-121.39	-498.74	-234.40	-385.73	-172.84	-3093.14	-1.503e+04	-3104.99	-1.502e+04	375.94
		62	137.36	-115.17	-497.46	-233.74	-378.89	176.83	-2858.68	-1.435e+04	-2937.39	-1.427e+04	-947.91
		109	16.94	-144.37	-414.41	-163.49	-395.29	-69.26	-282.62	-673.23	-623.08	-332.76	130.67
		103	17.43	-152.90	-421.75	-169.56	-405.09	64.81	-288.05	-648.90	-557.15	-379.80	-157.13
101	2	103	21.44	-227.71	-524.28	-229.91	-522.08	-25.47	-279.24	-650.13	-593.49	-335.88	-133.41
		109	20.22	-223.08	-507.41	-226.48	-504.01	30.91	-207.93	-593.22	-550.29	-250.86	121.23
		107	31.82	-211.49	-506.59	-214.87	-503.21	-31.39	1525.38	-193.81	-184.25	1515.82	-127.86
		106	33.16	-215.51	-527.53	-218.14	-524.90	28.51	1567.64	-227.97	-219.58	1559.25	122.42
101	18	103	17.36	-181.62	-404.63	-183.67	-402.58	-21.28	-196.67	-581.66	-454.36	-323.97	-181.12
		109	14.41	-178.96	-392.85	-181.28	-390.53	22.13	23.54	-368.94	-368.38	22.98	14.87
		107	26.48	-157.84	-390.51	-160.74	-387.60	-25.83	1388.77	-82.45	-81.36	1387.69	-39.94
		106	24.95	-161.11	-404.14	-162.81	-402.43	20.28	1156.98	-178.10	-160.81	1139.69	150.94
101	68	103	16.41	-186.85	-406.09	-189.14	-403.80	-22.29	-199.13	-486.55	-456.60	-229.08	-87.81
		109	15.85	-184.31	-391.88	-186.48	-389.70	21.11	-167.91	-479.21	-436.18	-210.94	107.44
		107	24.42	-153.28	-387.98	-156.40	-384.86	-26.85	1161.98	-158.78	-150.33	1153.54	-105.28
		106	25.86	-157.43	-403.25	-158.95	-401.73	19.26	1239.68	-169.48	-164.14	1234.35	86.54
102	3	106	36.73	-194.05	-555.55	-220.86	-528.73	-94.73	1762.68	-358.81	-344.58	1748.44	173.21
		107	37.12	-186.90	-540.31	-213.24	-513.98	92.81	1778.97	-482.24	-438.76	1735.49	-310.53
		87	173.45	-190.79	-654.29	-345.48	-499.60	-218.56	-3634.50	-1.810e+04	-3732.70	-1.800e+04	1187.77
		58	182.73	-211.85	-643.24	-348.37	-506.72	200.64	-3966.27	-1.905e+04	-3979.42	-1.904e+04	-445.09
102	30	106	25.53	-136.06	-430.66	-155.11	-411.60	-72.46	982.65	-347.62	-325.59	960.62	169.76
		107	25.44	-130.11	-416.58	-148.72	-397.98	70.60	983.98	-419.44	-387.43	951.96	-209.54
		87	137.70	-101.79	-478.55	-202.70	-377.64	-166.84	-2894.58	-1.436e+04	-2970.50	-1.429e+04	929.94
		58	144.90	-118.09	-472.84	-205.35	-385.57	152.78	-3150.14	-1.508e+04	-3157.41	-1.508e+04	-294.46

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
102	62	106	26.96	-141.66	-427.82	-161.33	-408.16	-72.38	1181.97	-305.28	-289.31	1166.00	153.27
		107	27.05	-135.93	-414.86	-155.17	-395.62	70.68	1190.52	-383.45	-351.21	1158.28	-222.98
		87	135.64	-122.27	-487.65	-230.35	-379.57	-166.76	-2848.64	-1.415e+04	-2923.61	-1.408e+04	917.52
		58	142.78	-138.50	-480.63	-232.76	-386.36	152.86	-3102.20	-1.488e+04	-3110.56	-1.487e+04	-313.61
103	3	107	37.87	-172.46	-550.89	-206.59	-516.76	-108.40	2052.07	-180.63	-174.51	2045.94	-116.76
		108	40.97	-93.53	-493.76	-191.78	-395.51	172.25	2167.36	-474.87	178.55	1513.95	-1139.96
		78	127.73	-120.25	-647.11	-296.04	-471.33	-248.42	-1895.42	-1.310e+04	-2412.98	-1.258e+04	2351.72
		87	178.43	-245.57	-623.29	-357.15	-511.71	172.33	-4011.97	-1.845e+04	-4051.87	-1.841e+04	757.92
103	22	107	25.92	-121.77	-427.38	-147.78	-401.38	-85.28	1182.88	-205.38	-198.18	1175.68	-99.71
		108	30.18	-67.12	-376.90	-136.17	-307.85	128.93	1479.89	-480.63	129.34	869.93	-907.63
		78	101.97	-49.31	-476.15	-169.23	-356.23	-191.85	-1587.18	-1.045e+04	-1968.25	-1.007e+04	1798.28
		87	141.58	-147.05	-457.12	-215.86	-388.31	128.84	-3201.13	-1.465e+04	-3234.38	-1.462e+04	616.08
103	54	107	27.59	-126.36	-424.43	-152.36	-398.43	-84.10	1393.52	-165.00	-159.06	1387.57	-96.09
		108	30.95	-69.17	-377.03	-140.84	-305.36	130.11	1599.11	-399.95	160.26	1038.90	-897.80
		78	100.25	-69.21	-483.92	-195.07	-358.06	-190.67	-1535.95	-1.028e+04	-1918.24	-9898.27	1787.98
		87	139.49	-166.00	-465.25	-241.58	-389.67	130.02	-3145.18	-1.443e+04	-3177.11	-1.440e+04	599.46
104	2	109	19.39	-216.77	-515.69	-218.95	-513.50	-25.47	-137.63	-428.41	-377.88	-188.16	110.18
		110	16.69	-237.87	-370.44	-237.89	-370.42	1.76	320.02	-557.18	50.25	-287.41	404.80
		108	20.88	-239.52	-361.30	-241.19	-359.64	-14.13	1092.74	213.94	355.09	951.58	-322.68
		107	32.20	-205.89	-513.30	-209.12	-510.07	31.35	1566.78	17.21	26.38	1557.61	-118.89
104	14	109	15.02	-173.04	-400.23	-175.46	-397.80	-23.34	133.94	-8.58	6.63	118.72	44.01
		110	12.97	-190.26	-289.50	-190.32	-289.45	-2.28	525.53	-13.34	347.30	164.89	253.53
		108	19.24	-181.51	-281.57	-183.71	-279.36	-14.70	1200.71	463.46	548.90	1115.28	-235.98
		107	26.54	-157.00	-395.11	-158.75	-393.35	20.37	1464.81	280.90	285.54	1460.16	-74.03
104	46	109	14.00	-170.19	-398.64	-172.26	-396.58	-21.64	9.16	-160.76	-133.81	-17.79	62.07
		110	11.42	-186.95	-287.41	-186.95	-287.40	-0.58	383.49	-211.68	196.31	-24.50	276.35
		108	17.67	-182.71	-279.90	-184.48	-278.13	-13.00	1022.19	319.26	412.71	928.74	-238.66
		107	25.60	-157.61	-395.02	-159.68	-392.95	22.07	1332.18	154.30	159.97	1326.50	-81.53
105	2	62	180.43	-224.07	-641.89	-360.34	-505.62	-195.87	-4018.83	-1.868e+04	-4050.20	-1.865e+04	-677.51
		89	128.90	-97.35	-677.73	-302.47	-472.61	277.45	-1901.82	-1.327e+04	-2435.00	-1.274e+04	-2403.69
		110	33.10	-95.36	-504.13	-188.63	-410.86	-171.54	1200.18	-760.33	18.61	421.24	959.36
		109	23.25	-185.00	-551.97	-224.27	-512.70	113.44	290.03	-517.96	-514.16	286.23	-55.29
105	25	62	143.88	-130.99	-476.11	-220.63	-386.47	-151.33	-3225.45	-1.490e+04	-3253.48	-1.487e+04	-571.35
		89	103.25	-35.50	-499.42	-175.45	-359.47	212.93	-1564.70	-1.063e+04	-1989.27	-1.020e+04	-1915.23
		110	23.41	-60.89	-388.09	-128.70	-320.29	-132.62	572.68	-865.97	-144.72	-148.57	719.32
		109	17.72	-128.81	-428.02	-156.41	-400.42	86.58	-345.24	-571.02	-559.72	-356.54	-49.23
105	57	62	141.50	-150.27	-483.68	-246.35	-387.60	-151.00	-3163.58	-1.465e+04	-3189.85	-1.463e+04	-548.81
		89	101.31	-53.57	-509.07	-201.35	-361.30	213.25	-1514.23	-1.043e+04	-1934.86	-1.001e+04	-1890.35
		110	24.18	-66.59	-387.85	-136.12	-318.33	-132.30	709.46	-746.30	-84.45	47.61	724.88
		109	15.85	-134.95	-426.47	-163.68	-397.73	86.90	-105.83	-495.24	-489.54	-111.54	-46.79
106	3	89	122.48	-70.16	-675.81	-285.21	-460.76	-289.83	-2130.90	-1.140e+04	-2646.83	-1.088e+04	-2124.62
		2	59.29	430.71	-185.17	122.20	123.34	307.94	3472.85	-1068.28	852.35	1552.22	-2243.44
		14	45.73	36.18	-538.43	-430.25	-72.01	-224.63	-1127.84	-2932.56	-2610.03	-1450.37	-691.41
		110	28.49	-193.54	-313.35	-203.38	-303.51	32.90	1635.50	-1278.70	417.55	-60.74	1437.34
106	23	89	97.25	-58.43	-487.94	-193.19	-353.18	-199.30	-1715.00	-9177.44	-2123.31	-8769.13	-1697.13
		2	47.81	367.98	-144.61	120.51	102.86	256.14	2671.32	-932.60	613.19	1125.52	-1783.66
		14	34.11	15.99	-385.22	-318.54	-50.69	-149.35	-934.54	-2301.67	-2071.22	-1164.98	-511.80
		110	24.71	-127.05	-255.10	-146.77	-235.38	46.22	1148.28	-1187.47	304.33	-343.52	1122.06
106	55	89	95.75	-56.58	-500.53	-204.26	-352.85	-209.18	-1686.57	-8989.07	-2081.02	-8594.62	-1650.73
		2	46.47	350.20	-142.43	108.66	99.11	246.27	2648.59	-874.08	625.26	1149.26	-1741.74
		14	34.61	20.61	-397.15	-323.46	-53.08	-159.23	-916.40	-2293.17	-2066.80	-1142.78	-510.31
		110	23.46	-137.04	-247.37	-150.71	-233.70	36.35	1240.39	-1071.62	339.31	-170.54	1127.55
107	2	110	35.39	-113.56	-458.35	-260.41	-311.50	-170.49	1647.24	-1054.23	1032.41	-439.40	1132.66
		14	48.10	-9.24	-416.00	-321.12	-104.12	172.02	-889.93	-4533.01	-4258.25	-1164.68	-962.01
		28	56.66	-41.44	-469.84	-374.58	-136.70	-178.14	-1182.82	-5200.72	-5056.92	-1326.61	746.38
		108	34.24	-120.08	-433.59	-258.61	-295.06	155.69	2122.68	155.71	1552.19	726.19	-892.56
107	7	110	25.78	-94.52	-339.38	-197.92	-235.98	-120.94	1017.36	-1145.96	617.44	-746.04	839.77
		14	37.34	19.09	-318.34	-239.89	-59.35	142.53	-715.42	-3568.04	-3333.26	-950.20	-783.97
		28	44.36	-24.20	-348.00	-286.64	-85.56	-126.91	-940.11	-4108.19	-3968.77	-1079.52	649.79
		108	24.46	-82.58	-343.38	-201.50	-224.46	129.89	1311.62	-163.03	998.21	150.39	-603.28
107	39	110	26.29	-91.27	-345.32	-198.93	-237.65	-125.54	1113.89	-1003.83	685.25	-575.20	850.88
		14	37.08	7.43	-318.99	-243.02	-68.53	137.94	-695.85	-3521.32	-3294.05	-923.12	-768.44
		28	43.89	-27.61	-353.84	-287.23	-94.22	-131.51	-922.68	-4048.25	-3920.30	-1050.64	619.32
		108	25.16	-87.00	-338.87	-200.25	-225.63	125.29	1439.96	-41.73	1075.21	323.02	-638.28
Elem.			**Von Mises**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
					-677.73	-455.96	-529.91	-320.78		-1.926e+04	-1.618e+04	-1.926e+04	-7397.72
			184.98	460.68		122.20	166.94	316.92	1.911e+04		1.614e+04	1.911e+04	7367.85

VERIFICHE ELEMENTI PARETE E/O GUSCIO IN C.A.

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

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

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

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

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

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

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

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

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

Simbologia adottata nelle tabelle di verifica

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

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

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

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

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

tabella con i simboli di seguito descritti:

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

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

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

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

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

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]
A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature

Dist.	Distanza alla base tra le armature inclinate

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

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

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

PROGETTAZIONE DELLE FONDAZIONI

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

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

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

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

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

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
1	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
2	ok	0.14	0.4	4.41e-02	7.3	4.5	5.3	2.5	14.0	27.0	150.9	-508.0	374.0	-1376.8
4	ok	0.14	0.5	3.75e-02	6.9	4.5	4.8	2.5	9.7	24.8	-81.5	-581.3	354.7	1102.3
6	ok	0.12	0.3	9.87e-03	4.5	4.5	2.5	2.5	-18.7	61.7	-23.4	-696.1	-376.9	-365.2
8	ok	0.12	0.3	9.19e-03	4.5	4.5	2.5	2.5	-15.8	65.8	24.0	-757.4	-325.6	306.2
10	ok	0.25	1.0	0.2	4.5	5.2	2.5	17.0	-159.4	-456.0	188.3	2592.9	1.403e+04	637.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
12	ok	0.24	1.0	0.2	4.5	5.1	2.5	16.2	-147.6	-442.1	-170.3	2594.0	1.367e+04	-379.7
14	ok	0.15	1.0	5.52e-02	4.5	8.3	2.5	6.2	-38.6	-98.1	-54.4	3607.5	578.3	-1610.4
15	ok	0.22	1.0	9.83e-02	15.7	4.5	12.4	2.5	74.7	-300.0	27.9	-7430.5	-7923.0	-3378.8
17	ok	0.30	1.0	0.1	4.5	5.7	2.5	20.8	-112.5	-206.5	-115.3	3295.3	1.548e+04	1127.8
19	ok	0.13	1.0	0.1	6.4	4.5	5.9	2.5	58.4	-227.1	17.4	-2787.5	-5175.7	1728.1
21	ok	0.17	1.0	2.72e-02	4.5	4.8	2.5	10.4	4.1	-83.4	-5.9	1929.0	7204.8	-504.7
23	ok	0.12	0.9	5.66e-02	4.5	5.0	2.5	2.9	-41.2	-138.8	54.0	2694.0	-277.0	2053.2
24	ok	0.12	0.6	2.87e-03	4.5	4.5	2.5	2.5	31.2	65.3	9.7	-1535.1	-188.9	690.1
28	ok	0.15	1.0	5.73e-02	4.5	8.5	2.5	6.3	-58.1	-114.6	36.7	4333.1	615.0	1162.1
29	ok	0.24	1.0	9.18e-02	17.5	4.5	14.5	2.5	82.6	-275.2	-37.3	-8405.1	-8995.0	3378.8
33	ok	0.14	1.0	0.1	7.0	4.5	8.3	2.5	75.9	-224.9	-9.8	-3279.7	-6912.8	-1583.6
37	ok	0.12	0.9	5.93e-02	4.5	4.5	2.5	2.5	-31.0	-150.6	-49.3	2637.2	-1495.2	-2027.7
38	ok	0.12	0.6	5.04e-03	4.5	4.5	2.5	2.5	39.6	69.6	-11.1	-1754.8	-227.7	-758.9
47	ok	0.29	1.0	0.1	4.5	5.7	2.5	20.1	-108.1	-217.1	99.4	3160.4	1.506e+04	-1205.6
51	ok	0.16	1.0	2.85e-02	4.5	4.7	2.5	10.1	0.1	-86.8	7.5	1934.9	7110.1	414.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-159.35	-455.96	-170.29	-8405.10	-8995.02	-3378.84
		0.30	0.99	0.16	17.50	8.47	14.51	20.83	82.57	69.62	188.29	4333.12	1.548e+04	3378.83

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
2	ok	4.77						
4	ok	4.79						
6	ok	0.77						
8	ok	1.02						
10	ok Av	9.83	0.20	0.40	5.1	9.9	94.0	183.8
12	ok Av	8.36	0.20	0.33	5.0	8.1	91.8	149.6
14	ok Av	7.10	0.25	0.26	6.3	6.5	116.8	119.6
15	ok Av	18.18	0.51	0.66	12.8	16.5	237.5	304.5
17	ok Av	12.77	0.17	0.58	4.3	14.4	79.7	266.8
19	ok Av	13.09	0.34	0.49	8.4	12.3	155.5	226.7
21	ok Av	5.94	0.06	0.26	1.5	6.6	28.5	121.5
23	ok Av	5.26	0.03	0.24	0.7	5.9	12.6	109.8
24	ok	2.93						
28	ok Av	7.61	0.31	0.24	7.8	6.1	144.8	112.5
29	ok Av	17.58	0.49	0.63	12.3	15.7	228.3	290.2
33	ok Av	12.19	0.33	0.44	8.3	11.0	154.3	204.2
37	ok Av	4.90	0.04	0.22	1.1	5.5	20.3	100.8
38	ok	2.65						
47	ok Av	11.87	0.15	0.54	3.8	13.5	69.8	248.9
51	ok Av	5.89	0.06	0.26	1.6	6.5	29.7	120.2
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		18.18	0.51	0.66	12.85	16.47	237.54	304.49

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
2	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.13	0.5	2.53e-02	4.5	6.0	2.5	4.0	27.0	71.9	103.1	601.3	-690.4	1093.1
3	ok	0.13	0.5	1.73e-02	4.5	6.7	3.5	4.6	37.1	98.7	-84.2	886.3	-762.6	-1252.9
5	ok	0.12	0.3	8.92e-03	4.5	4.5	2.5	2.5	-11.4	67.9	-27.3	695.6	377.6	442.1
7	ok	0.12	0.4	5.44e-03	4.5	4.5	2.5	2.5	-6.7	82.3	21.7	865.8	351.2	-465.0
9	ok	0.28	1.0	0.1	5.1	4.5	19.8	2.5	-163.5	-431.5	137.7	-2922.3	-1.544e+04	-734.0
11	ok	0.27	1.0	0.1	4.9	4.5	18.9	2.5	-150.3	-419.8	-125.1	-2933.3	-1.507e+04	521.2
13	ok	0.14	1.0	4.35e-02	8.1	4.5	6.0	2.5	17.4	-41.8	-89.9	-3139.8	-181.2	2936.6
59	ok	0.21	1.0	9.61e-02	4.5	15.0	2.5	11.9	82.8	-301.5	-4.9	7080.3	7831.5	3389.6
61	ok	0.32	1.0	0.1	5.3	4.5	21.9	2.5	-113.5	-238.3	-72.4	-3464.4	-1.614e+04	-976.5
63	ok	0.13	1.0	0.1	4.5	6.2	2.5	5.2	60.6	-239.2	27.4	2540.1	4912.9	-1807.1
65	ok	0.16	1.0	2.70e-02	4.9	4.5	9.9	2.5	11.4	-83.1	-0.8	-1899.7	-7109.7	701.9
67	ok	0.12	0.9	5.31e-02	5.1	4.5	3.0	2.5	-36.1	-131.5	50.0	-2741.6	1.2	-2011.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
68	ok	0.12	0.6	3.88e-03	4.5	4.5	2.5	2.5	30.8	60.5	4.8	1561.8	221.3	-553.0
72	ok	0.14	1.0	4.84e-02	8.0	4.5	5.9	2.5	-61.3	-114.2	43.8	-4273.9	-597.1	-1198.6
73	ok	0.23	1.0	8.88e-02	4.5	16.9	2.5	14.3	96.3	-275.1	-0.1	8125.1	9067.2	-3461.9
77	ok	0.14	1.0	0.1	4.5	6.6	2.5	7.8	77.5	-238.7	-19.3	3006.8	6650.3	1652.6
81	ok	0.12	0.9	5.74e-02	4.7	4.5	2.7	2.5	-25.1	-147.2	-47.5	-2751.3	1190.7	2005.4
82	ok	0.12	0.6	5.37e-03	4.5	4.5	2.5	2.5	37.5	80.0	-15.9	1792.0	184.3	660.2
91	ok	0.31	1.0	0.1	5.4	4.5	21.5	2.5	-112.0	-246.9	55.4	-3356.4	-1.587e+04	1099.7
95	ok	0.16	1.0	3.23e-02	4.8	4.5	10.1	2.5	-14.9	-99.7	2.9	-2021.2	-7381.8	-645.7
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-163.50	-431.53	-125.07	-4273.94	-1.614e+04	-3461.86
		0.32	0.99	0.14	8.05	16.87	21.91	14.29	96.25	98.67	137.73	8125.12	9067.19	3389.64

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok	4.51						
3	ok	4.60						
5	ok	0.84						
7	ok	1.11						
9	ok Av	9.97	0.18	0.42	4.4	10.5	80.9	193.3
11	ok Av	8.48	0.17	0.35	4.3	8.6	79.4	159.3
13	ok Av	6.76	0.24	0.25	5.9	6.3	109.4	115.8
59	ok Av	17.77	0.52	0.66	13.0	16.5	240.8	304.2
61	ok Av	12.63	0.17	0.57	4.1	14.3	76.3	264.1
63	ok Av	12.84	0.32	0.49	8.0	12.2	147.4	225.7
65	ok Av	5.57	0.05	0.25	1.3	6.2	24.3	114.6
67	ok Av	5.22	0.02	0.24	0.6	5.9	11.3	109.0
68	ok	2.99						
72	ok Av	7.39	0.30	0.24	7.6	6.1	140.3	112.3
73	ok Av	17.15	0.47	0.63	11.7	15.6	216.7	289.1
77	ok Av	12.00	0.32	0.44	8.0	11.0	148.5	203.7
81	ok Av	4.88	0.04	0.22	1.0	5.5	18.4	100.9
82	ok	2.68						
91	ok Av	11.78	0.04	0.54	0.9	13.4	16.8	246.9
95	ok Av	5.73	0.06	0.25	1.5	6.3	28.6	116.9
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		17.77	0.52	0.66	13.03	16.45	240.84	304.18

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
3	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.12	0.7	1.90e-02	4.5	4.5	2.5	2.5	1.7	-0.7	-48.2	472.5	-805.3	-2053.8
2	ok	0.12	0.9	2.74e-03	4.8	4.7	2.8	2.7	25.4	49.6	15.3	1088.1	-860.8	2238.3
5	ok	0.12	0.4	1.65e-02	4.5	4.5	2.5	2.5	-36.5	-25.8	-10.3	222.5	251.6	715.7
6	ok	0.12	0.4	1.64e-02	4.5	4.5	2.5	2.5	-30.0	14.7	-29.9	233.6	172.6	-763.4
9	ok	0.30	1.0	0.1	8.0	4.5	20.8	2.5	-162.8	-421.4	-77.8	-3045.5	-1.549e+04	-1914.8
10	ok	0.28	1.0	0.1	8.2	4.5	19.8	2.5	-132.9	-399.4	56.0	-3188.6	-1.467e+04	2332.8
17	ok	0.29	1.0	8.64e-02	4.8	4.5	20.4	2.5	-98.9	-223.7	-63.7	-3250.7	-1.532e+04	-266.6
18	ok	0.15	1.0	4.53e-02	4.5	8.5	2.5	6.5	-61.2	-87.2	8.8	1374.9	2076.6	-4676.8
20	ok	0.17	1.0	9.24e-02	4.5	10.8	2.5	6.0	-10.6	-184.7	-6.4	6749.0	4647.7	1653.3
21	ok	0.17	1.0	1.95e-02	6.1	4.5	11.1	2.5	-0.9	-54.9	-19.4	-1621.9	-7160.9	-2090.1
25	ok	0.14	1.0	4.48e-02	6.3	6.6	4.3	4.5	-67.2	-69.9	-3.2	538.8	187.0	4630.9
26	ok	0.34	1.0	9.50e-02	25.8	4.5	5.3	2.5	-123.8	-271.9	45.9	-1.274e+04	-2440.4	-1682.5
27	ok	0.16	1.0	1.68e-02	9.8	4.5	5.0	2.5	-33.5	43.7	11.0	-4779.2	-972.9	1638.3
30	ok	0.31	1.0	7.71e-02	4.5	23.0	2.5	10.7	-86.2	-213.3	42.4	1.315e+04	5823.6	-3725.7
35	ok	0.23	1.0	6.06e-02	4.5	16.9	2.5	8.3	-60.6	-180.3	7.5	1.230e+04	7398.3	-419.0
39	ok	0.14	1.0	3.43e-02	4.5	7.5	2.5	6.3	-43.7	-89.2	-0.3	2805.6	3620.6	2567.4
50	ok	0.38	0.9	0.1	28.3	4.5	2.8	2.5	-139.9	-282.0	3.4	-1.472e+04	-2887.9	-385.7
52	ok	0.16	1.0	1.77e-02	9.7	4.5	3.1	2.5	-30.6	62.4	4.2	-5780.4	-1130.4	346.9
53	ok	0.27	1.0	7.47e-02	4.5	19.8	2.5	5.5	-108.5	-214.9	6.2	1.408e+04	5407.4	-799.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
57	ok	0.27	1.0	5.34e-02	4.5	20.4	2.5	8.3	-74.4	-160.7	0.3	1.472e+04	7544.9	-179.4
60	ok	0.13	1.0	3.26e-02	4.5	5.5	2.5	5.0	-43.8	-89.9	3.6	4000.2	4137.0	523.8
61	ok	0.31	1.0	8.88e-02	4.8	4.5	21.8	2.5	-110.5	-211.4	82.7	-3356.4	-1.605e+04	314.0
62	ok	0.37	1.0	0.1	27.8	4.5	4.0	2.5	-135.1	-283.8	-33.6	-1.400e+04	-2754.3	1092.7
64	ok	0.16	1.0	1.59e-02	10.2	4.5	4.4	2.5	-32.6	54.1	-10.8	-5390.4	-1090.4	-1175.8
65	ok	0.18	1.0	1.61e-02	6.0	4.5	11.3	2.5	10.7	-44.5	13.7	-1581.1	-7057.1	1904.3
66	ok	0.30	1.0	7.33e-02	4.5	22.2	2.5	8.2	-109.4	-211.0	-15.0	1.394e+04	5480.8	2433.4
74	ok	0.26	1.0	5.57e-02	4.5	19.5	2.5	9.2	-71.7	-169.2	-3.6	1.386e+04	7840.2	540.3
76	ok	0.13	1.0	3.37e-02	4.5	6.7	2.5	6.2	-41.6	-87.8	0.2	3438.2	4137.3	-1680.5
89	ok	0.30	1.0	9.02e-02	22.7	4.5	9.4	2.5	-66.6	-201.5	-74.4	-1.152e+04	-1762.2	5254.0
90	ok	0.14	1.0	1.44e-02	8.1	4.5	6.0	2.5	-28.9	59.9	-22.2	-3387.9	-785.2	-1916.2
92	ok	0.36	1.0	8.17e-02	4.5	26.7	2.5	20.7	14.1	-242.7	-47.4	1.084e+04	8407.3	7397.7
97	ok	0.24	1.0	7.39e-02	17.9	4.5	9.5	2.5	-43.2	-155.4	91.6	-8646.8	-1346.4	-5348.5
98	ok	0.13	1.0	1.54e-02	6.7	4.5	4.7	2.5	-18.8	-10.2	-10.1	-2215.5	-562.4	2303.1
99	ok	0.30	1.0	9.48e-02	4.5	22.3	2.5	16.6	14.5	-288.5	46.3	8532.7	6662.3	-7206.2
100	ok	0.21	1.0	7.90e-02	4.5	14.6	2.5	10.4	-5.3	-170.8	-6.9	9259.8	7511.6	-1595.2
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-162.79	-421.39	-77.78	-1.472e+04	-1.605e+04	-7206.17
		0.38	0.99	0.14	28.33	26.74	21.83	20.66	25.41	62.38	91.57	1.472e+04	8407.32	7397.72

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok Av	7.99	0.29	0.22	7.2	5.5	133.0	102.2
2	ok Av	7.91	0.28	0.23	6.9	5.8	127.4	106.6
5	ok	3.41						
6	ok	3.51						
9	ok Av	11.63	0.35	0.40	8.8	9.8	162.7	182.0
10	ok Av	8.67	0.29	0.27	7.3	6.6	134.4	122.8
17	ok Av	10.70	0.10	0.49	2.5	12.2	45.4	224.7
18	ok Av	6.19	0.15	0.26	3.8	6.4	69.7	117.5
20	ok Av	12.97	0.28	0.52	6.9	13.0	128.4	240.1
21	ok Av	6.39	0.17	0.24	4.3	5.9	78.6	108.9
25	ok Av	5.96	0.13	0.26	3.3	6.5	60.3	120.9
26	ok Av	13.34	0.57	0.22	14.1	5.5	261.4	102.5
27	ok	4.30						
30	ok Av	16.82	0.56	0.52	14.0	13.0	258.3	241.0
35	ok Av	10.35	0.23	0.41	5.7	10.3	105.5	190.2
39	ok Av	5.70	0.16	0.21	3.9	5.2	72.4	95.5
50	ok Av	13.89	0.63	0.04	15.8	0.9	291.3	17.2
52	ok	3.99						
53	ok Av	16.31	0.60	0.45	15.0	11.1	277.7	205.8
57	ok Av	9.07	0.22	0.35	5.6	8.6	103.6	159.8
60	ok Av	5.71	0.19	0.18	4.7	4.5	86.1	83.5
61	ok Av	12.58	0.13	0.57	3.1	14.3	57.7	264.2
62	ok Av	14.20	0.63	0.13	15.8	3.3	291.9	61.3
64	ok	4.21						
65	ok Av	7.00	0.22	0.25	5.4	6.2	99.2	115.4
66	ok Av	16.37	0.59	0.48	14.7	12.0	271.0	220.9
74	ok Av	9.71	0.23	0.39	5.8	9.6	107.3	177.6
76	ok Av	5.72	0.18	0.19	4.4	4.8	82.2	89.7
89	ok Av	13.59	0.50	0.50	12.5	12.3	232.0	228.2
90	ok	4.75						
92	ok Av	20.99	0.64	0.71	16.0	17.6	296.2	326.3
97	ok Av	11.73	0.34	0.49	8.5	12.1	157.2	224.2
98	ok	4.44						
99	ok Av	21.12	0.63	0.73	15.6	18.2	288.7	336.8
100	ok Av	12.01	0.28	0.47	7.1	11.7	131.1	215.5
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		21.12	0.64	0.73	16.02	18.21	296.21	336.77

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
4	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
3	ok	0.12	0.8	3.18e-02	4.5	4.5	2.5	2.5	-5.6	-23.6	-76.0	-455.1	646.5	2186.6
4	ok	0.12	0.9	1.41e-02	5.0	4.5	3.0	2.5	14.5	24.8	42.7	-1024.6	726.5	-2357.7
7	ok	0.12	0.4	2.56e-02	4.5	4.5	2.5	2.5	-55.9	-27.6	-27.6	-95.6	-137.5	-815.1
8	ok	0.12	0.4	1.66e-02	4.5	4.5	2.5	2.5	-30.7	14.2	-30.3	-241.8	-187.8	783.2
11	ok	0.29	1.0	0.1	4.5	8.5	2.5	20.3	-162.8	-430.2	-101.1	2921.4	1.494e+04	1973.7
12	ok	0.27	1.0	0.1	4.5	8.6	2.5	19.1	-134.2	-406.4	79.3	3043.0	1.413e+04	-2356.8
16	ok	0.34	1.0	9.62e-02	4.5	25.8	2.5	5.2	-119.6	-274.3	37.7	1.265e+04	2425.4	1696.6
22	ok	0.14	1.0	1.47e-02	4.9	6.9	2.8	4.0	-26.2	79.1	6.2	3714.2	745.5	-1018.6
31	ok	0.31	1.0	7.76e-02	23.2	4.5	10.8	2.5	-77.4	-216.3	36.9	-1.323e+04	-5897.3	3713.3
32	ok	0.36	1.0	8.12e-02	27.0	4.5	20.6	2.5	13.2	-244.0	-26.7	-1.099e+04	-8303.1	-7367.8
40	ok	0.23	1.0	6.08e-02	17.2	4.5	8.6	2.5	-51.7	-183.1	3.2	-1.245e+04	-7617.7	418.9
41	ok	0.27	1.0	5.56e-02	19.8	4.5	9.3	2.5	-70.1	-168.7	-3.9	-1.401e+04	-7859.8	-569.8
42	ok	0.15	1.0	3.42e-02	8.4	4.5	7.9	2.5	-28.0	-87.8	-6.7	-3214.6	-3920.2	-3228.3
44	ok	0.14	1.0	3.30e-02	6.9	4.5	6.4	2.5	-43.3	-83.1	-0.8	-3593.3	-4095.7	1726.6
45	ok	0.21	1.0	8.16e-02	14.8	4.5	10.4	2.5	-6.3	-163.2	-11.3	-9381.4	-7515.4	1531.7
47	ok	0.29	1.0	9.09e-02	4.5	4.9	2.5	20.1	-101.6	-210.6	-83.0	3197.6	1.512e+04	330.7
48	ok	0.15	1.0	4.74e-02	8.6	4.5	6.6	2.5	-62.7	-84.5	9.5	-1415.0	-2129.1	4723.1
51	ok	0.18	1.0	2.00e-02	4.5	6.2	2.5	11.4	-6.9	7.4	-20.2	1507.6	7629.7	1942.8
58	ok	0.38	0.9	0.1	4.5	28.1	2.5	2.7	-135.5	-282.7	-6.0	1.460e+04	2861.0	357.5
69	ok	0.16	1.0	1.95e-02	4.5	10.3	2.5	2.6	-48.2	56.6	18.7	6371.5	1465.9	-129.0
70	ok	0.27	1.0	7.54e-02	20.0	4.5	5.6	2.5	-101.1	-216.9	-1.0	-1.418e+04	-5465.6	742.4
78	ok	0.30	1.0	8.71e-02	4.5	22.6	2.5	9.7	-67.8	-205.3	-95.6	1.153e+04	1815.6	-5304.9
79	ok	0.28	1.0	5.31e-02	20.7	4.5	8.4	2.5	-68.3	-160.9	-4.8	-1.489e+04	-7627.8	98.3
80	ok	0.15	1.0	1.45e-02	4.5	8.3	2.5	6.1	-29.5	56.9	-22.3	3452.0	811.5	1964.3
83	ok	0.25	1.0	7.48e-02	4.5	18.2	2.5	9.8	-52.2	-171.6	110.2	8748.5	1385.3	5432.6
84	ok	0.15	1.0	7.74e-03	6.0	8.3	4.0	6.2	-4.2	20.9	-4.0	2381.3	845.3	-2822.7
85	ok	0.30	1.0	9.57e-02	22.8	4.5	16.8	2.5	12.5	-288.3	29.0	-8669.4	-6664.4	7259.8
86	ok	0.13	1.0	3.16e-02	6.2	4.5	5.3	2.5	-40.8	-75.6	-12.8	-4781.4	-4142.1	-401.8
87	ok	0.37	1.0	0.1	4.5	27.6	2.5	3.9	-130.7	-283.1	-25.9	1.392e+04	2723.5	-1099.3
88	ok	0.17	1.0	1.75e-02	4.5	10.6	2.5	4.5	-34.3	50.5	-7.2	5509.9	1151.0	1250.6
91	ok	0.31	1.0	9.33e-02	4.5	4.9	2.5	21.8	-115.5	-196.3	109.5	3306.7	1.602e+04	-319.6
93	ok	0.17	1.0	9.51e-02	11.1	4.5	6.2	2.5	-5.4	-181.4	3.1	-6937.1	-4771.5	-1552.6
94	ok	0.30	1.0	7.34e-02	22.5	4.5	8.3	2.5	-102.1	-209.6	-12.5	-1.407e+04	-5505.4	-2452.5
95	ok	0.18	1.0	2.01e-02	4.5	6.1	2.5	11.9	-7.3	-43.8	29.5	1665.5	7613.5	-2137.9
96	ok	0.14	1.0	4.48e-02	7.1	6.0	5.1	4.0	-47.8	-75.6	3.0	-1464.8	-551.8	-4321.8
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-162.80	-430.20	-101.14	-1.489e+04	-8303.13	-7367.85
		0.38	0.99	0.15	27.01	28.13	20.56	21.83	14.52	79.09	110.17	1.460e+04	1.602e+04	7259.81

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
3	ok Av	8.20	0.29	0.24	7.2	5.9	132.9	109.6
4	ok Av	8.02	0.27	0.25	6.7	6.2	123.6	114.2
7	ok	4.77						
8	ok	3.62						
11	ok Av	11.67	0.37	0.39	9.1	9.6	169.0	177.3
12	ok Av	8.66	0.30	0.26	7.5	6.4	138.5	117.8
16	ok Av	13.40	0.57	0.23	14.2	5.7	262.8	104.6
22	ok Av	5.15	0.17	0.17	4.1	4.2	75.9	76.9
31	ok Av	17.02	0.57	0.53	14.1	13.2	261.2	244.0
32	ok Av	21.21	0.65	0.72	16.2	17.8	300.2	328.9
40	ok Av	9.94	0.23	0.39	5.8	9.7	106.4	179.6
41	ok Av	9.75	0.23	0.39	5.8	9.6	106.8	178.1
42	ok Av	6.15	0.22	0.23	5.4	5.7	100.0	105.2
44	ok Av	5.77	0.18	0.20	4.5	4.9	83.2	89.7
45	ok Av	12.12	0.29	0.47	7.2	11.7	133.6	216.6
47	ok Av	10.81	4.39e-03	0.49	0.1	12.3	2.0	227.0
48	ok Av	6.21	0.16	0.26	3.9	6.4	71.8	117.8
51	ok Av	6.55	0.17	0.24	4.3	6.1	79.4	112.4
58	ok Av	13.90	0.63	0.04	15.8	1.0	291.5	17.6
69	ok	4.91						
70	ok Av	16.37	0.60	0.45	15.1	11.1	278.6	205.7
78	ok Av	13.61	0.50	0.50	12.6	12.3	232.1	228.3
79	ok Av	9.18	0.23	0.35	5.7	8.7	104.9	161.7
80	ok	4.81						
83	ok Av	11.86	0.35	0.50	8.7	12.3	160.7	228.2

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
84	ok Av	5.55	0.16	0.20	4.0	4.9	74.7	91.4
85	ok Av	21.40	0.64	0.74	15.9	18.4	294.7	339.3
86	ok Av	5.61	0.18	0.18	4.6	4.5	85.0	83.5
87	ok Av	14.24	0.63	0.14	15.8	3.4	292.1	63.5
88	ok	4.34						
91	ok Av	12.77	0.11	0.58	2.8	14.5	51.3	268.1
93	ok Av	13.07	0.27	0.53	6.8	13.2	126.3	243.7
94	ok Av	16.49	0.59	0.48	14.6	12.1	270.8	222.8
95	ok Av	7.69	0.21	0.28	5.3	6.9	98.1	128.2
96	ok Av	5.73	0.07	0.25	1.8	6.3	33.1	115.6
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		21.40	0.65	0.74	16.24	18.35	300.20	339.33

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
5	25.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
5	ok	0.12	0.2	0.0	7.8	7.8	7.8	7.8	25.9	77.2	-3.1	-531.7	-199.3	-647.8
6	ok	0.12	0.2	0.0	7.8	7.8	7.8	7.8	33.0	75.1	4.2	-482.9	-380.1	809.2
7	ok	0.12	0.2	0.0	7.8	7.8	7.8	7.8	32.5	120.6	18.2	-575.8	-482.6	692.8
8	ok	0.12	0.2	0.0	7.8	7.8	7.8	7.8	37.4	80.2	-3.2	-605.9	-379.7	-923.9
22	ok	0.12	1.0	3.83e-02	7.8	7.8	7.8	7.8	-1.0	-122.8	-13.0	192.4	7209.5	40.6
24	ok	0.12	0.3	4.55e-03	7.8	7.8	7.8	7.8	41.9	70.4	-16.0	-1636.6	-268.3	399.6
27	ok	0.12	0.9	2.42e-02	7.8	7.8	7.8	7.8	2.5	-77.6	2.0	1398.6	6142.8	-1499.2
34	ok	0.12	0.4	2.65e-02	7.8	7.8	7.8	7.8	41.7	-85.6	4.0	1620.8	2385.9	-210.3
36	ok	0.12	0.2	1.31e-02	7.8	7.8	7.8	7.8	34.4	-40.9	9.1	813.5	1342.7	-211.3
38	ok	0.12	0.3	5.43e-03	7.8	7.8	7.8	7.8	36.9	71.7	17.9	-1963.0	-312.2	-353.5
43	ok	0.12	0.3	1.38e-02	7.8	7.8	7.8	7.8	36.1	-38.5	-5.8	601.2	1591.9	578.1
46	ok	0.12	0.2	1.50e-02	7.8	7.8	7.8	7.8	14.7	-2.0	17.7	401.1	1173.4	-339.6
49	ok	0.12	0.3	2.20e-02	7.8	7.8	7.8	7.8	100.1	19.0	11.1	-1529.8	110.2	-582.2
52	ok	0.12	1.0	3.00e-02	7.8	7.8	7.8	8.3	5.4	-97.8	-0.7	1693.0	7502.1	-284.6
54	ok	0.12	0.4	2.10e-02	7.8	7.8	7.8	7.8	53.0	-59.7	-12.5	1460.6	2036.1	-817.2
55	ok	0.12	0.6	4.19e-02	7.8	7.8	7.8	7.8	12.4	-135.4	5.4	991.2	3346.6	1448.1
56	ok	0.12	0.4	3.54e-02	7.8	7.8	7.8	7.8	38.5	-113.3	15.8	1689.4	3034.8	151.3
64	ok	0.12	1.0	2.85e-02	7.8	7.8	7.8	7.8	7.7	-92.8	0.8	1593.6	6916.5	1070.8
68	ok	0.12	0.4	3.81e-03	7.8	7.8	7.8	7.8	50.8	64.7	26.1	-1902.7	-385.4	-258.9
69	ok	0.12	1.0	3.05e-02	7.8	7.8	7.8	8.6	-1.5	-94.9	-9.1	2077.9	7636.9	318.6
71	ok	0.12	0.4	3.28e-02	7.8	7.8	7.8	7.8	57.1	-106.3	-5.4	2053.2	2748.5	76.8
75	ok	0.12	0.4	2.72e-02	7.8	7.8	7.8	7.8	43.6	-86.6	-1.7	1627.1	2667.5	351.6
80	ok	0.12	0.8	1.67e-02	7.8	7.8	7.8	7.8	14.2	-44.2	9.3	890.2	4391.5	-1884.3
82	ok	0.12	0.4	7.44e-03	7.8	7.8	7.8	7.8	42.8	89.4	-32.3	-2105.0	-131.5	181.0
84	ok	0.12	0.8	3.16e-02	7.8	7.8	7.8	7.8	-1.5	-100.2	14.4	880.1	4385.9	2012.6
88	ok	0.12	1.0	2.86e-02	7.8	8.0	7.8	8.0	4.5	-93.2	-4.8	1618.9	6995.8	-1160.9
90	ok	0.12	0.8	1.70e-02	7.8	7.8	7.8	7.8	15.9	-44.3	-10.0	882.8	4357.0	1838.2
98	ok	0.12	0.6	1.61e-02	7.8	7.8	7.8	7.8	6.7	-18.1	15.0	646.7	3099.0	-1893.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-1.47	-135.41	-32.33	-2104.95	-482.65	-1893.47
		0.12	0.98	0.04	7.78	7.98	7.78	8.59	100.09	120.61	26.14	2077.94	7636.87	2012.56

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
5	ok	1.52						
6	ok	1.32						
7	ok	1.14						
8	ok	1.24						
22	ok	1.40						
24	ok	2.83						
27	ok	2.52						
34	ok	1.93						
36	ok	3.05						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
38	ok	2.54						
43	ok	3.45						
46	ok	3.91						
49	ok	2.88						
52	ok	1.79						
54	ok	2.79						
55	ok	3.97						
56	ok	1.63						
64	ok	2.35						
68	ok	2.65						
69	ok	2.51						
71	ok	1.44						
75	ok	2.30						
80	ok	2.33						
82	ok	2.86						
84	ok	3.12						
88	ok	2.16						
90	ok	2.87						
98	ok	2.66						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		3.97						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
6	25.00	1	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.16	0.7	5.63e-02	9.6	5.7	9.6	5.7	117.0	161.3	-320.8	1000.8	912.7	2010.8
2	ok	0.16	0.7	5.74e-02	9.2	5.7	9.2	5.7	122.2	123.3	307.9	852.4	1552.2	-2243.4
3	ok	0.16	0.7	5.71e-02	9.7	5.7	9.7	5.7	99.9	166.9	316.9	1196.0	785.5	-2107.6
4	ok	0.16	0.7	6.13e-02	9.4	5.7	9.4	5.7	103.0	124.5	-307.7	964.9	1338.7	2266.0
13	ok	0.13	0.8	0.2	5.7	5.7	5.7	5.7	-306.0	-114.6	-200.6	-3932.3	-1041.3	1138.5
14	ok	0.13	0.8	0.2	5.7	5.7	5.7	5.7	-321.1	-104.1	172.0	-4258.3	-1164.7	-962.0
16	ok	0.27	0.9	0.2	7.1	8.3	22.3	10.4	-340.6	-501.1	-164.5	-3685.9	-1.654e+04	-1163.4
26	ok	0.27	0.9	0.2	7.2	8.0	22.7	10.9	-343.7	-500.1	184.1	-3650.2	-1.667e+04	1101.6
28	ok	0.13	0.8	0.2	5.7	5.7	5.7	5.7	-374.6	-136.7	-178.1	-5056.9	-1326.6	746.4
50	ok	0.27	0.9	0.2	7.1	6.2	26.6	15.2	-350.7	-505.8	-221.1	-3967.8	-1.920e+04	517.9
58	ok	0.27	0.9	0.2	7.0	6.0	26.2	14.6	-348.4	-506.7	200.6	-3979.4	-1.904e+04	-445.1
62	ok	0.27	0.9	0.2	7.7	7.4	25.8	14.8	-363.4	-508.6	-197.4	-4055.2	-1.866e+04	-681.4
72	ok	0.13	0.8	0.2	5.7	5.7	5.7	5.7	-370.5	-151.6	211.7	-4798.4	-1178.6	-933.4
78	ok	0.23	1.0	0.2	8.7	5.7	16.7	5.7	-296.0	-471.3	-248.4	-2413.0	-1.258e+04	2351.7
83	ok	0.18	1.0	0.2	9.2	5.7	11.9	5.7	-222.8	-357.1	220.5	-1722.2	-8977.1	-2639.7
87	ok	0.27	0.9	0.2	7.6	7.9	25.4	13.8	-357.1	-511.7	172.3	-4051.9	-1.841e+04	757.9
89	ok	0.23	1.0	0.2	9.0	5.7	17.2	5.7	-304.2	-475.4	280.5	-2428.0	-1.269e+04	-2464.2
97	ok	0.18	1.0	0.2	9.5	5.7	12.1	5.7	-222.2	-351.0	-242.0	-1733.6	-8957.5	2656.7
101	ok	0.13	0.3	0.1	5.7	5.7	5.7	5.7	-179.4	-212.8	-0.4	-971.8	-1148.6	-351.9
102	ok	0.13	0.4	0.1	5.7	5.7	5.7	5.7	-211.6	-236.8	48.1	456.7	633.7	1503.6
103	ok	0.13	0.2	0.2	5.7	5.7	5.7	5.7	-231.4	-525.8	-25.7	-635.5	-499.5	-132.6
104	ok	0.13	0.2	0.2	5.7	5.7	5.7	5.7	-158.8	-352.2	16.5	-776.6	-907.8	-216.3
105	ok	0.13	0.3	0.2	5.7	5.7	5.7	5.7	-168.3	-348.9	46.4	450.5	2192.6	237.0
106	ok	0.13	0.3	0.2	5.7	5.7	5.7	5.7	-189.5	-392.4	-59.0	-107.0	2100.6	192.0
107	ok	0.13	0.3	0.2	5.7	5.7	5.7	5.7	-174.3	-386.2	-66.6	234.6	2381.0	-2.2
108	ok	0.13	0.5	0.2	5.7	5.7	5.7	5.7	-208.9	-295.7	-47.2	964.8	1181.5	-1787.6
109	ok	0.13	0.2	0.2	5.7	5.7	5.7	5.7	-157.8	-391.0	-14.0	-766.8	-633.4	143.6
110	ok	0.13	0.3	0.2	5.7	5.7	5.7	5.7	-261.7	-313.8	-171.5	917.6	-580.7	1106.9
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-374.58	-525.77	-320.78	-5056.92	-1.920e+04	-2639.67
		0.27	0.98	0.21	9.69	8.31	26.63	15.25	122.20	166.94	316.92	1196.01	2381.02	2656.74

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1	ok	3.97						
2	ok	3.42						
3	ok	3.54						
4	ok	2.83						
13	ok	4.60						
14	ok Av	5.17	0.22	0.07	5.6	1.8	102.3	33.3
16	ok Av	7.44	0.18	0.29	4.4	7.3	80.3	133.2
26	ok Av	8.02	0.19	0.31	4.8	7.8	87.3	143.4
28	ok	4.16						
50	ok Av	8.11	0.16	0.33	4.0	8.4	72.4	153.5
58	ok Av	7.58	0.16	0.31	3.9	7.7	71.7	141.4
62	ok Av	8.46	0.19	0.34	4.7	8.4	86.4	154.6
72	ok	3.54						
78	ok Av	7.07	0.15	0.28	3.8	7.1	68.8	130.3
83	ok Av	5.55	0.14	0.21	3.6	5.2	65.6	95.0
87	ok Av	7.90	0.18	0.31	4.5	7.8	81.5	143.5
89	ok Av	7.88	0.18	0.31	4.4	7.9	80.9	143.8
97	ok Av	6.19	0.17	0.22	4.3	5.6	79.6	102.3
101	ok Av	8.16	0.36	0.13	8.8	3.2	162.0	58.3
102	ok Av	7.16	0.31	0.12	7.7	2.9	140.9	53.0
103	ok Av	9.78	0.32	0.32	7.9	8.1	144.0	147.6
104	ok Av	9.62	0.36	0.29	9.0	7.3	165.7	132.9
105	ok Av	8.81	0.33	0.26	8.3	6.5	152.6	118.5
106	ok Av	9.08	0.30	0.29	7.5	7.3	137.2	133.0
107	ok Av	9.17	0.33	0.27	8.3	6.7	151.1	123.4
108	ok Av	8.69	0.36	0.23	8.9	5.7	162.8	104.9
109	ok Av	9.97	0.35	0.31	8.8	7.7	161.3	140.3
110	ok Av	9.77	0.41	0.24	10.1	5.9	184.7	108.1
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		9.97	0.41	0.34	10.08	8.44	184.67	154.57

TABULATO DI CALCOLO RELATIVO AI LOCALI ACCESSORI (LOCALE GRUPPO ELETTROGENO)

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

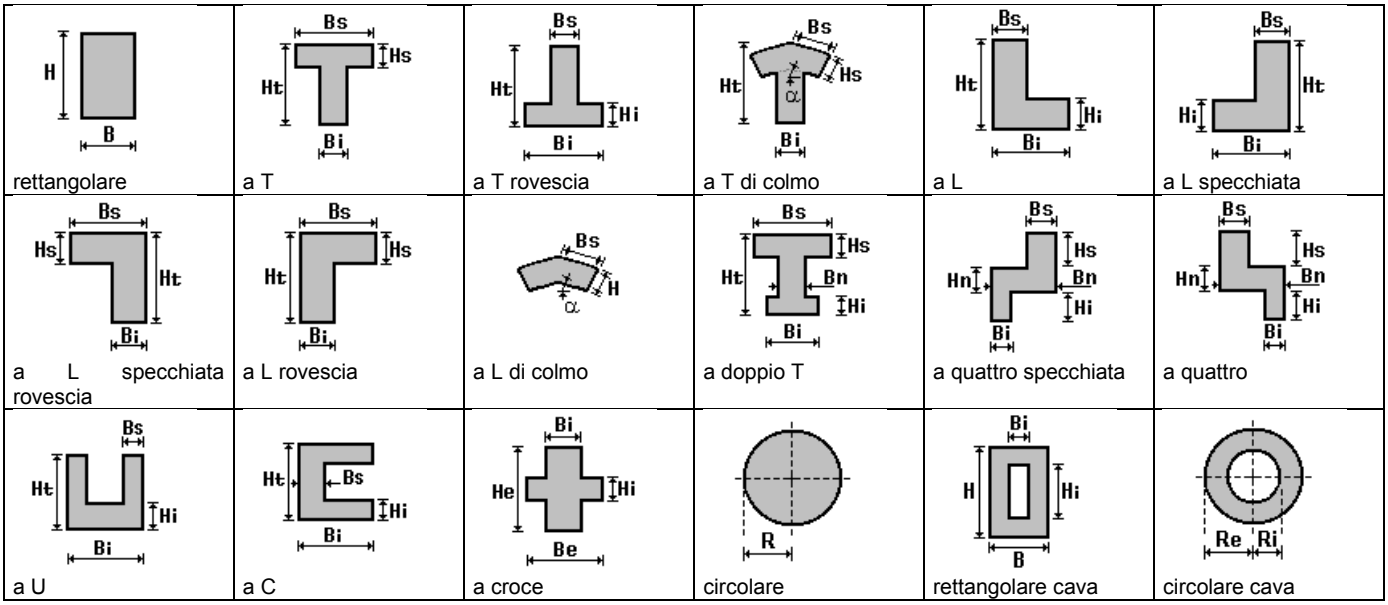
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

4. sezione di tipo generico
5. profilati semplici
6. profilati accoppiati e speciali

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

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

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



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

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

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

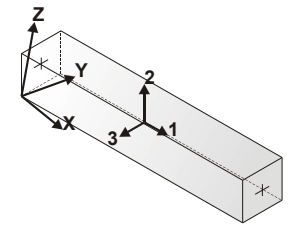
Test N°	Titolo
1	CARATTERISTICHE GEOMETRICHE E INERZIALI
45	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
49	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
50	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE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

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	Rettangolare: b=30.00 h=30.00	900.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00
2	trv. 30x25	900.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00
3	trv. fn. 70x50	3500.00	2916.67	2916.67	1.636e+06	1.429e+06	7.292e+05	4.083e+04	2.917e+04	6.125e+04	4.375e+04

MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

Il programma utilizza per la modellazione elementi a due nodi denominati in generale travi.
Ogni elemento trave è individuato dal nodo iniziale e dal nodo finale.
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 2D non verticali

orientamento elementi 2D verticali

In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa,
Nodo I (J)	numero del nodo iniziale (finale)
Mat.	codice del materiale assegnato all'elemento
Sez.	codice della sezione assegnata all'elemento
Rotaz.	valore della rotazione dell'elemento, attorno al proprio asse, nel caso in cui l'orientamento di default non sia adottabile; l'orientamento di default prevede per gli elementi non verticali l'asse 2 contenuto nel piano verticale e l'asse 3 orizzontale, per gli elementi verticali l'asse 2 diretto secondo X negativo e l'asse 3 diretto secondo Y negativo
Svincolo I (J)	codici di svincolo per le azioni interne; i primi sei codici si riferiscono al nodo iniziale, i restanti sei al nodo finale (il valore 1 indica che la relativa azione interna non è attiva)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione della trave su suolo elastico
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

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

Test N°	Titolo
2	TRAVI A UNA CAMPATA
3	TRAVE A PIU' CAMPATE
4	TRAVE A UNA CAMPATA SU TERRENO ALLA WINKLER
5	TRAVI SU TERRENO ALLA WINKLER CON CARICO TRASVERSALE
6	TELAI PIANI CON CERNIERE ALLA BASE
7	TELAI PIANI CON INCASTRI ALLA BASE
11	STRUTTURE SOGGETTE A VARIAZIONI TERMICHE
12	STRUTTURE SU TERRENO ALLA WINKLER SOTTOPOSTE A CARICHI DISTRIBUITI TRIANGOLARI
21	DRILLING
24	TENSIONI E ROTAZIONI RISPETTO ALLA CORDA DI ELEMENTI TRAVE
27	FRECCIA DI ELEMENTI TRAVE
42	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
43	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
44	VERIFICA ALLE TA DI STRUTTURE IN C.A.
45	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
47	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
49	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
50	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
51	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
52	FATTORE DI STRUTTURA
53	SOVRARESISTENZE
54	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
56	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
57	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
58	LUCE LIBERA DI COLONNE IN ACCIAIO
59	SVERGOLAMENTO DI TRAVI IN ACCIAIO
64	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	VALUTAZIONE EFFETTO P-δ SU PILASTRATA
74	VALUTAZIONE EFFETTO P-δ SU TELAIO 3D
85	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
87	ANALISI ELASTO PLASTICA INCREMENTALE
88	ANALISI ELASTO PLASTICA INCREMENTALE
98	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
99	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
102	SNELLEZZE EC5
130	PROGETTO E VERIFICA DI TRAVI PREM

Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Rotaz.	Svincolo I	Svincolo J	Wink V	Wink O
						gradi			daN/cm3	daN/cm3
1	Pilas.	1	7	1	1					
2	Pilas.	3	5	1	1					
3	Pilas.	4	6	1	1					
4	Pilas.	2	8	1	1					
5	Trave	8	6	1	2					
6	Trave f.	2	4	1	3				10.00	1.00
7	Trave	5	6	1	2					
8	Trave f.	3	4	1	3				10.00	1.00
9	Trave	7	5	1	2					
10	Trave	7	8	1	2					

Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Rotaz.	Svincolo I	Svincolo J	Wink V	Wink O
11	Trave f.	1	3	1	3				10.00	1.00
12	Trave f.	1	2	1	3				10.00	1.00

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Test N°	Titolo
14	**ANALISI DEI CARICHI PER UN SOLAIO DI COPERTURA**
15	**EFFETTI DELLO SPESSORE SULLA RIGIDEZZA DEI SOLAI**
16	**SOLAIO: CONFRONTO FRA RIGIDO E DEFORMABILE**

17	**SOLAIO: MISTO LEGNO-CALCESTRUZZO**
28	**FRECCIA DI SOLAI IN C.A.**
119	**PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM**

ID Arch.	Tipo	G1k	G2k	Qk	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
		daN/cm2	daN/cm2	daN/cm2							
1	Variab.	3.75e-02	1.00e-02	3.00e-02		1.00	0.70	0.50	0.30	0.30	1.00
7	Neve	3.75e-02	1.00e-02	2.54e-02		1.00	0.50	0.20	0.0	0.0	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k	G2k	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						daN/cm2	daN/cm2	daN/cm2					
1	CM	7	m=1	25.0	90.0	3.75e-02	1.00e-02	2.54e-02	5	7	8	6	
2	CM	1	m=1	25.0	90.0	3.75e-02	1.00e-02	3.00e-02	3	1	2	4	
3	PM		m=99	25.0	90.0				6	8	2	4	
4	PM		m=99	25.0	90.0				5	7	1	3	
5	PM		m=99	25.0	90.0				7	8	2	1	
6	PM		m=99	25.0	90.0				5	6	4	3	

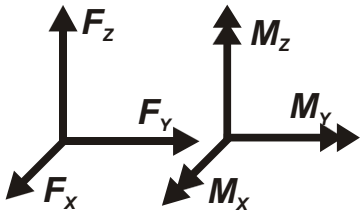
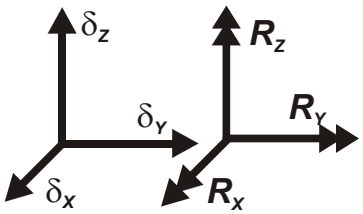
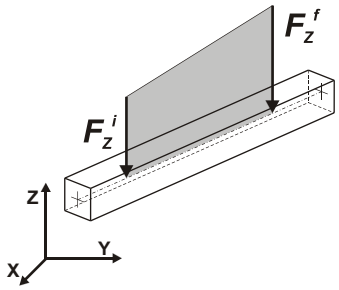
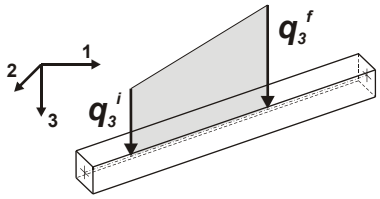
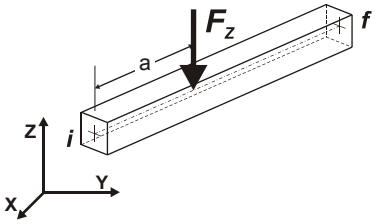
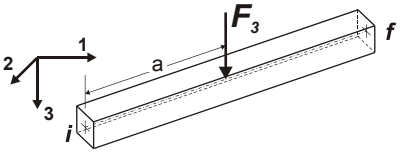
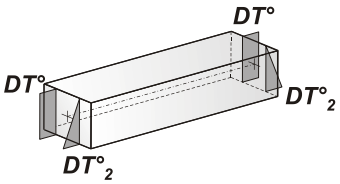
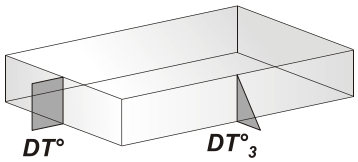
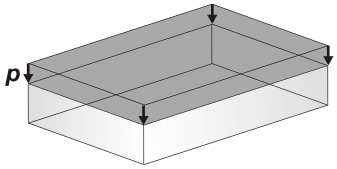
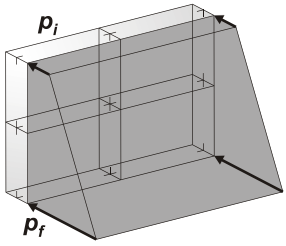
Elem.	Stato	Ver. c.c.	Ver. c.d.	Ver. cin.	Ver. CIS	Z	T1	Ta	Sa	pa	pr	Drift	Beta a
						cm	sec	sec	g	daN/cm2	daN/cm2	%	
3	NV L	1.41	0.71	1.20	0.0	150.0	0.24	0.047	0.46	0.006	0.0	0.29	0.0
4	NV L	1.41	0.71	1.20	0.0	150.0	0.24	0.047	0.46	0.006	0.0	0.29	0.0
5	NV L	1.41	0.71	1.20	0.0	150.0	0.24	0.047	0.46	0.006	0.0	0.29	0.0
6	NV L	1.41	0.71	1.20	0.0	150.0	0.24	0.047	0.46	0.006	0.0	0.29	0.0
Elem.		**Ver. c.c.**	**Ver. c.d.**	**Ver. cin.**	**Ver. CIS**							**Drift**	
		1.41	0.71	1.20	0.0							0.29	
		1.41	0.71	1.20	0.0							0.29	

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

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

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

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

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
7	QVK PAN ++ vento	0.01
8	QVK PAN -- vento	0.01

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

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

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

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

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

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

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

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

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gsk	CDC=G1sk (permanente solai-coperture)	
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)	
4	Gsk	CDC=G2pk (permanente pannelli n.c.d.)	
5	Qsk	CDC=Qsk (variabile solai)	
6	Qnk	CDC=Qnk (carico da neve)	
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)
			partecipazione:1.00 per 4 CDC=G2pk (permanente pannelli n.c.d.)
			partecipazione:1.00 per 5 CDC=Qsk (variabile solai)
			partecipazione:1.00 per 6 CDC=Qnk (carico da neve)
8	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
10	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
12	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
14	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico
15	Qvk	CDC=Qvk (carico da vento) dir X +	Pannello:da 3 a 4 Azione : QVK PAN ++ vento
16	Qvk	CDC=Qvk (carico da vento) dir X -	Pannello:da 3 a 4 Azione : QVK PAN -- vento
			Pannello:da 3 a 4 Azione : QVK PAN -- vento
17	Qvk	CDC=Qvk (carico da vento) dir Y +	Pannello:da 5 a 6 Azione : QVK PAN ++ vento
			Pannello:da 5 a 6 Azione : QVK PAN ++ vento
18	Qvk	CDC=Qvk (carico da vento) dir Y -	Pannello:da 5 a 6 Azione : QVK PAN -- vento

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

***Combinazione fondamentale** SLU*

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

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

$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

***Combinazione frequente** SLE*

$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione quasi permanente** SLE*

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

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

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

NTC 2018 Tabella 2.6.I

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

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	

Cmb	Tipo	Sigla Id	effetto P-delta
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 15	
16	SLU	Comb. SLU A1 16	
17	SLU	Comb. SLU A1 17	
18	SLU	Comb. SLU A1 18	
19	SLU	Comb. SLU A1 19	
20	SLU	Comb. SLU A1 20	
21	SLU	Comb. SLU A1 21	
22	SLU	Comb. SLU A1 22	
23	SLU	Comb. SLU A1 23	
24	SLU	Comb. SLU A1 24	
25	SLU	Comb. SLU A1 25	
26	SLU	Comb. SLU A1 26	
27	SLU	Comb. SLU A1 27	
28	SLU	Comb. SLU A1 28	
29	SLU	Comb. SLU A1 29	
30	SLU	Comb. SLU A1 30	
31	SLU	Comb. SLU A1 31	
32	SLU	Comb. SLU A1 32	
33	SLU	Comb. SLU A1 33	
34	SLU	Comb. SLU A1 34	
35	SLU	Comb. SLU A1 35	
36	SLU	Comb. SLU A1 36	
37	SLU	Comb. SLU A1 37	
38	SLU	Comb. SLU A1 38	
39	SLU	Comb. SLU A1 39	
40	SLU	Comb. SLU A1 40	
41	SLU	Comb. SLU A1 41	
42	SLU	Comb. SLU A1 42	
43	SLU	Comb. SLU A1 43	
44	SLU	Comb. SLU A1 44	
45	SLU	Comb. SLU A1 45	
46	SLU	Comb. SLU A1 46	
47	SLU	Comb. SLU A1 47	
48	SLU	Comb. SLU A1 48	
49	SLU	Comb. SLU A1 49	
50	SLU	Comb. SLU A1 50	
51	SLU	Comb. SLU A1 51	
52	SLU	Comb. SLU A1 52	
53	SLU	Comb. SLU A1 53	
54	SLU	Comb. SLU A1 54	
55	SLU	Comb. SLU A1 55	
56	SLU	Comb. SLU A1 56	
57	SLU	Comb. SLU A1 57	
58	SLU	Comb. SLU A1 58	
59	SLU	Comb. SLU A1 59	
60	SLU	Comb. SLU A1 60	
61	SLU	Comb. SLU A1 61	
62	SLU	Comb. SLU A1 62	
63	SLU	Comb. SLU A1 63	
64	SLU	Comb. SLU A1 64	
65	SLU	Comb. SLU A1 65	
66	SLU	Comb. SLU A1 66	
67	SLU	Comb. SLU A1 67	
68	SLU	Comb. SLU A1 68	
69	SLU	Comb. SLU A1 69	
70	SLU	Comb. SLU A1 70	
71	SLU	Comb. SLU A1 71	
72	SLU	Comb. SLU A1 72	
73	SLU	Comb. SLU A1 73	
74	SLU	Comb. SLU A1 74	
75	SLU	Comb. SLU A1 75	
76	SLU	Comb. SLU A1 76	
77	SLU	Comb. SLU A1 77	
78	SLU	Comb. SLU A1 78	
79	SLU	Comb. SLU A1 79	

Cmb	Tipo	Sigla Id	effetto P-delta
80	SLU	Comb. SLU A1 80	
81	SLU	Comb. SLU A1 81	
82	SLU	Comb. SLU A1 82	
83	SLU	Comb. SLU A1 83	
84	SLU	Comb. SLU A1 84	
85	SLU	Comb. SLU A1 85	
86	SLU	Comb. SLU A1 86	
87	SLU	Comb. SLU A1 87	
88	SLU	Comb. SLU A1 88	
89	SLU	Comb. SLU A1 89	
90	SLU	Comb. SLU A1 90	
91	SLU	Comb. SLU A1 91	
92	SLU	Comb. SLU A1 92	
93	SLU	Comb. SLU A1 93	
94	SLU	Comb. SLU A1 94	
95	SLU	Comb. SLU A1 95	
96	SLU	Comb. SLU A1 96	
97	SLU	Comb. SLU A1 97	
98	SLU	Comb. SLU A1 98	
99	SLU	Comb. SLU A1 99	
100	SLU	Comb. SLU A1 100	
101	SLU	Comb. SLU A1 101	
102	SLU	Comb. SLU A1 102	
103	SLU	Comb. SLU A1 103	
104	SLU	Comb. SLU A1 104	
105	SLU	Comb. SLU A1 105	
106	SLU	Comb. SLU A1 106	
107	SLU	Comb. SLU A1 107	
108	SLU	Comb. SLU A1 108	
109	SLU	Comb. SLU A1 109	
110	SLU	Comb. SLU A1 110	
111	SLU	Comb. SLU A1 111	
112	SLU	Comb. SLU A1 112	
113	SLU	Comb. SLU A1 (SLV sism.) 113	
114	SLU	Comb. SLU A1 (SLV sism.) 114	
115	SLU	Comb. SLU A1 (SLV sism.) 115	
116	SLU	Comb. SLU A1 (SLV sism.) 116	
117	SLU	Comb. SLU A1 (SLV sism.) 117	
118	SLU	Comb. SLU A1 (SLV sism.) 118	
119	SLU	Comb. SLU A1 (SLV sism.) 119	
120	SLU	Comb. SLU A1 (SLV sism.) 120	
121	SLU	Comb. SLU A1 (SLV sism.) 121	
122	SLU	Comb. SLU A1 (SLV sism.) 122	
123	SLU	Comb. SLU A1 (SLV sism.) 123	
124	SLU	Comb. SLU A1 (SLV sism.) 124	
125	SLU	Comb. SLU A1 (SLV sism.) 125	
126	SLU	Comb. SLU A1 (SLV sism.) 126	
127	SLU	Comb. SLU A1 (SLV sism.) 127	
128	SLU	Comb. SLU A1 (SLV sism.) 128	
129	SLU	Comb. SLU A1 (SLV sism.) 129	
130	SLU	Comb. SLU A1 (SLV sism.) 130	
131	SLU	Comb. SLU A1 (SLV sism.) 131	
132	SLU	Comb. SLU A1 (SLV sism.) 132	
133	SLU	Comb. SLU A1 (SLV sism.) 133	
134	SLU	Comb. SLU A1 (SLV sism.) 134	
135	SLU	Comb. SLU A1 (SLV sism.) 135	
136	SLU	Comb. SLU A1 (SLV sism.) 136	
137	SLU	Comb. SLU A1 (SLV sism.) 137	
138	SLU	Comb. SLU A1 (SLV sism.) 138	
139	SLU	Comb. SLU A1 (SLV sism.) 139	
140	SLU	Comb. SLU A1 (SLV sism.) 140	
141	SLU	Comb. SLU A1 (SLV sism.) 141	
142	SLU	Comb. SLU A1 (SLV sism.) 142	
143	SLU	Comb. SLU A1 (SLV sism.) 143	
144	SLU	Comb. SLU A1 (SLV sism.) 144	
145	SLD(sis)	Comb. SLE (SLD Danno sism.) 145	
146	SLD(sis)	Comb. SLE (SLD Danno sism.) 146	
147	SLD(sis)	Comb. SLE (SLD Danno sism.) 147	
148	SLD(sis)	Comb. SLE (SLD Danno sism.) 148	
149	SLD(sis)	Comb. SLE (SLD Danno sism.) 149	
150	SLD(sis)	Comb. SLE (SLD Danno sism.) 150	
151	SLD(sis)	Comb. SLE (SLD Danno sism.) 151	
152	SLD(sis)	Comb. SLE (SLD Danno sism.) 152	

Cmb	Tipo	Sigla Id	effetto P-delta
153	SLD(sis)	Comb. SLE (SLD Danno sism.) 153	
154	SLD(sis)	Comb. SLE (SLD Danno sism.) 154	
155	SLD(sis)	Comb. SLE (SLD Danno sism.) 155	
156	SLD(sis)	Comb. SLE (SLD Danno sism.) 156	
157	SLD(sis)	Comb. SLE (SLD Danno sism.) 157	
158	SLD(sis)	Comb. SLE (SLD Danno sism.) 158	
159	SLD(sis)	Comb. SLE (SLD Danno sism.) 159	
160	SLD(sis)	Comb. SLE (SLD Danno sism.) 160	
161	SLD(sis)	Comb. SLE (SLD Danno sism.) 161	
162	SLD(sis)	Comb. SLE (SLD Danno sism.) 162	
163	SLD(sis)	Comb. SLE (SLD Danno sism.) 163	
164	SLD(sis)	Comb. SLE (SLD Danno sism.) 164	
165	SLD(sis)	Comb. SLE (SLD Danno sism.) 165	
166	SLD(sis)	Comb. SLE (SLD Danno sism.) 166	
167	SLD(sis)	Comb. SLE (SLD Danno sism.) 167	
168	SLD(sis)	Comb. SLE (SLD Danno sism.) 168	
169	SLD(sis)	Comb. SLE (SLD Danno sism.) 169	
170	SLD(sis)	Comb. SLE (SLD Danno sism.) 170	
171	SLD(sis)	Comb. SLE (SLD Danno sism.) 171	
172	SLD(sis)	Comb. SLE (SLD Danno sism.) 172	
173	SLD(sis)	Comb. SLE (SLD Danno sism.) 173	
174	SLD(sis)	Comb. SLE (SLD Danno sism.) 174	
175	SLD(sis)	Comb. SLE (SLD Danno sism.) 175	
176	SLD(sis)	Comb. SLE (SLD Danno sism.) 176	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
2	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
3	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
4	1.30	1.30	1.50	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
5	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
6	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
7	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
8	1.00	1.00	0.80	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
9	1.30	1.30	1.50	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
10	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
11	1.30	1.30	1.50	1.50	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
12	1.00	1.00	0.80	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
13	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
14	1.00	1.00	0.80	0.80	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
15	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
16	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
17	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
18	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
19	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
20	1.30	1.30	1.50	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
21	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
22	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.90	0.0	0.0	0.0										
23	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
24	1.00	1.00	0.80	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
25	1.30	1.30	1.50	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
26	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
27	1.30	1.30	1.50	1.50	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
28	1.00	1.00	0.80	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
29	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
30	1.00	1.00	0.80	0.80	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
31	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	0.0										
32	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	0.0										
33	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	0.0										
34	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	0.0										
35	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	0.0										
36	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	0.0										
37	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	0.0										
38	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.50	0.0	0.0	0.0										
39	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
40	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.90	0.0	0.0	0.0										
41	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
42	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
43	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
44	1.30	1.30	1.50	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
45	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
46	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
47	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
48	1.00	1.00	0.80	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
49	1.30	1.30	1.50	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
50	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
51	1.30	1.30	1.50	1.50	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
52	1.00	1.00	0.80	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
53	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
54	1.00	1.00	0.80	0.80	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
55	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
56	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.90	0.0	0.0										
57	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	0.0										
58	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	1.50	0.0	0.0										
59	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	0.0										
60	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	0.0										
61	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	0.0										
62	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	0.0										
63	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	0.0										
64	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.50	0.0	0.0										
65	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
66	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
67	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
68	1.30	1.30	1.50	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
69	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
70	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
71	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
72	1.00	1.00	0.80	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
73	1.30	1.30	1.50	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
74	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
75	1.30	1.30	1.50	1.50	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
76	1.00	1.00	0.80	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
77	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
78	1.00	1.00	0.80	0.80	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
79	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
80	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.90	0.0										
81	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50	0.0										
82	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50	0.0										
83	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50	0.0										
84	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50	0.0										
85	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50	0.0										
86	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50	0.0										
87	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50	0.0										
88	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.50	0.0										
89	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
90	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
91	1.30	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
92	1.30	1.30	1.50	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
93	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
94	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.90										
95	1.00	1.00	0.80	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
96	1.00	1.00	0.80	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
97	1.30	1.30	1.50	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
98	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
99	1.30	1.30	1.50	1.50	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
100	1.00	1.00	0.80	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
101	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
102	1.00	1.00	0.80	0.80	1.05	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
103	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
104	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.90										
105	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50										
106	1.30	1.30	1.50	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50										
107	1.30	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50										
108	1.30	1.30	1.50	1.50	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50										
109	1.00	1.00	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50										
110	1.00	1.00	0.80	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50										
111	1.00	1.00	0.80	0.80	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50										
112	1.00	1.00	0.80	0.80	1.05	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.50										
113	1.00	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
114	1.00	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
115	1.00	1.00	1.00	1.00	0.30	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
116	1.00	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
117	1.00	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
118	1.00	1.00	1.00	1.00	0.30	0.0	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
119	1.00	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
120	1.00	1.00	1.00	1.00	0.30	0.0	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
121	1.00	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
122	1.00	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
123	1.00	1.00	1.00	1.00	0.30	0.0	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
124	1.00	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
125	1.00	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
126	1.00	1.00	1.00	1.00	0.30	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
127	1.00	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
128	1.00	1.00	1.00	1.00	0.30	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
129	1.00	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
130	1.00	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0										
131	1.00	1.00	1.00	1.00	0.30	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
132	1.00	1.00	1.00	1.00	0.30	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
133	1.00	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
134	1.00	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
135	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
136	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
137	1.00	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
138	1.00	1.00	1.00	1.00	0.30	0.0	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
139	1.00	1.00	1.00	1.00	0.30	0.0	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
140	1.00	1.00	1.00	1.00	0.30	0.0	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
141	1.00	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
142	1.00	1.00	1.00	1.00	0.30	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
143	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
144	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0										
145	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0
	0.0	0.0	0.0	0.0										
146	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0
	0.0	0.0	0.0	0.0										
147	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0
	0.0	0.0	0.0	0.0										
148	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0
	0.0	0.0	0.0	0.0										
149	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30
	0.0	0.0	0.0	0.0										
150	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30
	0.0	0.0	0.0	0.0										
151	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30
	0.0	0.0	0.0	0.0										
152	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30
	0.0	0.0	0.0	0.0										
153	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0
	0.0	0.0	0.0	0.0										
154	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0
	0.0	0.0	0.0	0.0										
155	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0
	0.0	0.0	0.0	0.0										
156	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0
	0.0	0.0	0.0	0.0										
157	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30
	0.0	0.0	0.0	0.0										
158	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30
	0.0	0.0	0.0	0.0										
159	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30
	0.0	0.0	0.0	0.0										
160	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30
	0.0	0.0	0.0	0.0										
161	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0
	0.0	0.0	0.0	0.0										
162	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.0										
163	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0
	0.0	0.0	0.0	0.0										
164	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0
	0.0	0.0	0.0	0.0										
165	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0
	0.0	0.0	0.0	0.0										
166	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0										
167	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0
	0.0	0.0	0.0	0.0										
168	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0
	0.0	0.0	0.0	0.0										
169	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00
	0.0	0.0	0.0	0.0										
170	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00
	0.0	0.0	0.0	0.0										
171	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00
	0.0	0.0	0.0	0.0										
172	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00
	0.0	0.0	0.0	0.0										
173	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00
	0.0	0.0	0.0	0.0										
174	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00
	0.0	0.0	0.0	0.0										
175	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00
	0.0	0.0	0.0	0.0										
176	1.00	1.00	1.00	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00
	0.0	0.0	0.0	0.0										

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

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

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

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
II	50.0	1.0	50.0	A	T1

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

Id nodo	**Longitudine**	**Latitudine**	**Distanza**
			Km
Loc.	15.959	41.706	
29451	15.900	41.660	7.060
29452	15.967	41.658	5.361
29230	15.969	41.708	0.857
29229	15.902	41.710	4.737

SL	**Pver**	**Tr**	**ag**	**Fo**	**T*c**
		Anni	g		sec
SLO	81.0	30.0	0.055	2.470	0.270
SLD	63.0	50.0	0.074	2.490	0.280
SLV	10.0	475.0	0.206	2.440	0.320
SLC	5.0	975.0	0.272	2.420	0.340

SL	**ag**	**S**	**Fo**	**Fv**	**Tb**	**Tc**	**Td**
	g				sec	sec	sec
SLO	0.055	1.000	2.470	0.784	0.090	0.270	1.821
SLD	0.074	1.000	2.490	0.912	0.093	0.280	1.894
SLV	0.206	1.000	2.440	1.495	0.107	0.320	2.424
SLC	0.272	1.000	2.420	1.704	0.113	0.340	2.689

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

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

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

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

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

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

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

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

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

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

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

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

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

Affinché la verifica sia positiva deve essere:

25) V > 0
26) Sig s < fyk
27) Gam t < 5
28) Gam s < Gam * (caratteristica dell' elastomero)
29) Gam s < 2
30) V < 0.5 Vcr

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

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

Calcolo dei fattori di comportamento secondo il D.M. 17/01/2018

La costruzione, nuova, è caratterizzata da regolarità sia in pianta sia in altezza ed è progettata in classe di duttilità media (CD"B").

Parametri fattore in direzione x e y

Sistema costruttivo: calcestruzzo
Tipologia strutturale: strutture a pendolo inverso intelaiate monopiano
Valore base fattore q_0 = 2.500
Fattore di regolarità K_R = 1.0
Fattore dissipativo $q_D = q_0 \cdot K_R$ = 2.500

Fattori di comportamento utilizzati

	Dissipativi
q SLU x	2.500
q SLU y	2.500
q SLU z	1.500

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.201 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.250 sec.
			fattore q: 2.500
			fattore per spost. mu d: 2.921
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
300.00	2.550e+04	300.00	200.00	0.0	-20.00	300.00	200.00	3.000	0.0	0.0
Risulta	2.550e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.003	0.250	0.201	2.438e+04	95.6	0.0	0.0	0.0	0.0	0.0	0.0
2	4.186	0.239	0.201	0.0	0.0	2.543e+04	99.7	0.0	0.0	0.0	0.0
3	4.525	0.221	0.201	1085.05	4.3	0.0	0.0	0.0	0.0	0.0	0.0
4	23.191	0.043	0.204	0.0	0.0	70.55	0.3	0.0	0.0	0.0	0.0
5	23.867	0.042	0.204	30.04	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	24.017	0.042	0.204	0.0	0.0	0.0	0.0	2.550e+04	100.0	0.0	0.0
7	129.548	0.008	0.206	0.0	0.0	0.0	0.0	7.17e-04	2.81e-06	0.0	0.0
8	156.179	0.006	0.206	0.0	0.0	0.0	0.0	5.45e-03	2.14e-05	0.0	0.0
9	234.128	0.004	0.206	0.0	0.0	0.0	0.0	1.73e-03	6.78e-06	0.0	0.0
Risulta				2.550e+04		2.550e+04		2.550e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
8	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.201 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.250 sec.
			fattore q: 2.500
			fattore per spost. mu d: 2.921
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
300.00	2.550e+04	300.00	200.00	0.0	20.00	300.00	200.00	3.000	0.0	0.0
Risulta	2.550e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.003	0.250	0.201	2.438e+04	95.6	0.0	0.0	0.0	0.0	0.0	0.0
2	4.186	0.239	0.201	0.0	0.0	2.543e+04	99.7	0.0	0.0	0.0	0.0
3	4.525	0.221	0.201	1085.05	4.3	0.0	0.0	0.0	0.0	0.0	0.0
4	23.191	0.043	0.204	0.0	0.0	70.55	0.3	0.0	0.0	0.0	0.0
5	23.867	0.042	0.204	30.04	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	24.017	0.042	0.204	0.0	0.0	0.0	0.0	2.550e+04	100.0	0.0	0.0
7	129.548	0.008	0.206	0.0	0.0	0.0	0.0	7.17e-04	2.81e-06	0.0	0.0
8	156.179	0.006	0.206	0.0	0.0	0.0	0.0	5.45e-03	2.14e-05	0.0	0.0
9	234.128	0.004	0.206	0.0	0.0	0.0	0.0	1.73e-03	6.78e-06	0.0	0.0
Risulta				2.550e+04		2.550e+04		2.550e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.201 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.243 sec.
			fattore q: 2.500
			fattore per spost. mu d: 2.974
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
300.00	2.550e+04	300.00	200.00	30.00	0.0	300.00	200.00	3.000	0.0	0.0
Risulta	2.550e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.026	0.248	0.201	2.547e+04	99.9	0.0	0.0	0.0	0.0	0.0	0.0
2	4.113	0.243	0.201	0.0	0.0	2.170e+04	85.1	0.0	0.0	0.0	0.0
3	4.587	0.218	0.201	0.0	0.0	3729.48	14.6	0.0	0.0	0.0	0.0
4	23.191	0.043	0.204	0.0	0.0	70.58	0.3	0.0	0.0	0.0	0.0
5	23.867	0.042	0.204	30.03	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	24.017	0.042	0.204	0.0	0.0	0.0	0.0	2.550e+04	100.0	0.0	0.0
7	33.502	0.030	0.205	0.0	0.0	1.08e-05	0.0	0.0	0.0	0.0	0.0
8	153.739	0.007	0.206	0.0	0.0	0.0	0.0	6.21e-03	2.43e-05	0.0	0.0
9	234.163	0.004	0.206	0.0	0.0	0.0	0.0	1.68e-03	6.59e-06	0.0	0.0
Risulta				2.550e+04		2.550e+04		2.550e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: A

CDC	Tipo	Sigla Id	Note
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.201 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.243 sec.
			fattore q: 2.500
			fattore per spost. mu d: 2.974
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
300.00	2.550e+04	300.00	200.00	-30.00	0.0	300.00	200.00	3.000	0.0	0.0
Risulta	2.550e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.026	0.248	0.201	2.547e+04	99.9	0.0	0.0	0.0	0.0	0.0	0.0
2	4.113	0.243	0.201	0.0	0.0	2.170e+04	85.1	0.0	0.0	0.0	0.0
3	4.587	0.218	0.201	0.0	0.0	3729.48	14.6	0.0	0.0	0.0	0.0
4	23.191	0.043	0.204	0.0	0.0	70.58	0.3	0.0	0.0	0.0	0.0
5	23.867	0.042	0.204	30.03	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	24.017	0.042	0.204	0.0	0.0	0.0	0.0	2.550e+04	100.0	0.0	0.0
7	33.502	0.030	0.205	0.0	0.0	1.08e-05	0.0	0.0	0.0	0.0	0.0
8	153.739	0.007	0.206	0.0	0.0	0.0	0.0	6.21e-03	2.43e-05	0.0	0.0
9	234.163	0.004	0.206	0.0	0.0	0.0	0.0	1.68e-03	6.59e-06	0.0	0.0
Risulta				2.550e+04		2.550e+04		2.550e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.250 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
300.00	2.550e+04	300.00	200.00	0.0	-20.00	300.00	200.00	3.000	0.0	0.0
Risulta	2.550e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.003	0.250	0.183	2.438e+04	95.6	0.0	0.0	0.0	0.0	0.0	0.0
2	4.186	0.239	0.183	0.0	0.0	2.543e+04	99.7	0.0	0.0	0.0	0.0
3	4.525	0.221	0.183	1085.05	4.3	0.0	0.0	0.0	0.0	0.0	0.0
4	23.191	0.043	0.124	0.0	0.0	70.55	0.3	0.0	0.0	0.0	0.0
5	23.867	0.042	0.123	30.04	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	24.017	0.042	0.123	0.0	0.0	0.0	0.0	2.550e+04	100.0	0.0	0.0
7	129.548	0.008	0.083	0.0	0.0	0.0	0.0	7.17e-04	2.81e-06	0.0	0.0
8	156.179	0.006	0.081	0.0	0.0	0.0	0.0	5.45e-03	2.14e-05	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
9	234.128	0.004	0.079	0.0	0.0	0.0	0.0	1.73e-03	6.78e-06	0.0	0.0
Risulta				2.550e+04		2.550e+04		2.550e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.250 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
300.00	2.550e+04	300.00	200.00	0.0	20.00	300.00	200.00	3.000	0.0	0.0
Risulta	2.550e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.003	0.250	0.183	2.438e+04	95.6	0.0	0.0	0.0	0.0	0.0	0.0
2	4.186	0.239	0.183	0.0	0.0	2.543e+04	99.7	0.0	0.0	0.0	0.0
3	4.525	0.221	0.183	1085.05	4.3	0.0	0.0	0.0	0.0	0.0	0.0
4	23.191	0.043	0.124	0.0	0.0	70.55	0.3	0.0	0.0	0.0	0.0
5	23.867	0.042	0.123	30.04	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	24.017	0.042	0.123	0.0	0.0	0.0	0.0	2.550e+04	100.0	0.0	0.0
7	129.548	0.008	0.083	0.0	0.0	0.0	0.0	7.17e-04	2.81e-06	0.0	0.0
8	156.179	0.006	0.081	0.0	0.0	0.0	0.0	5.45e-03	2.14e-05	0.0	0.0
9	234.128	0.004	0.079	0.0	0.0	0.0	0.0	1.73e-03	6.78e-06	0.0	0.0
Risulta				2.550e+04		2.550e+04		2.550e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.243 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
300.00	2.550e+04	300.00	200.00	30.00	0.0	300.00	200.00	3.000	0.0	0.0
Risulta	2.550e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
1	4.026	0.248	0.183	2.547e+04	99.9	0.0	0.0	0.0	0.0	0.0	0.0
2	4.113	0.243	0.183	0.0	0.0	2.170e+04	85.1	0.0	0.0	0.0	0.0
3	4.587	0.218	0.183	0.0	0.0	3729.48	14.6	0.0	0.0	0.0	0.0
4	23.191	0.043	0.124	0.0	0.0	70.58	0.3	0.0	0.0	0.0	0.0
5	23.867	0.042	0.123	30.03	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	24.017	0.042	0.123	0.0	0.0	0.0	0.0	2.550e+04	100.0	0.0	0.0
7	33.502	0.030	0.109	0.0	0.0	1.08e-05	0.0	0.0	0.0	0.0	0.0
8	153.739	0.007	0.081	0.0	0.0	0.0	0.0	6.21e-03	2.43e-05	0.0	0.0
9	234.163	0.004	0.079	0.0	0.0	0.0	0.0	1.68e-03	6.59e-06	0.0	0.0
Risulta				2.550e+04		2.550e+04		2.550e+04			
In percentuale				100.00		100.00		100.00			

CDC	Tipo	Sigla Id	Note
14	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: A
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.183 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.243 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	cm	cm	cm	cm	cm	cm			
300.00	2.550e+04	300.00	200.00	-30.00	0.0	300.00	200.00	3.000	0.0	0.0
Risulta	2.550e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	daN		daN		daN			
1	4.026	0.248	0.183	2.547e+04	99.9	0.0	0.0	0.0	0.0	0.0	0.0
2	4.113	0.243	0.183	0.0	0.0	2.170e+04	85.1	0.0	0.0	0.0	0.0
3	4.587	0.218	0.183	0.0	0.0	3729.48	14.6	0.0	0.0	0.0	0.0
4	23.191	0.043	0.124	0.0	0.0	70.58	0.3	0.0	0.0	0.0	0.0
5	23.867	0.042	0.123	30.03	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6	24.017	0.042	0.123	0.0	0.0	0.0	0.0	2.550e+04	100.0	0.0	0.0
7	33.502	0.030	0.109	0.0	0.0	1.08e-05	0.0	0.0	0.0	0.0	0.0
8	153.739	0.007	0.081	0.0	0.0	0.0	0.0	6.21e-03	2.43e-05	0.0	0.0
9	234.163	0.004	0.079	0.0	0.0	0.0	0.0	1.68e-03	6.59e-06	0.0	0.0
Risulta				2.550e+04		2.550e+04		2.550e+04			
In percentuale				100.00		100.00		100.00			

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
			cm	cm			cm	cm			cm	cm
145	1	0.91	0.27	300.0	2	0.71	0.21	300.0	3	0.80	0.24	300.0
	4	0.99	0.30	300.0								
146	1	0.88	0.26	300.0	2	0.85	0.26	300.0	3	0.80	0.24	300.0
	4	0.83	0.25	300.0								
147	1	0.88	0.26	300.0	2	0.85	0.26	300.0	3	0.80	0.24	300.0
	4	0.83	0.25	300.0								
148	1	0.91	0.27	300.0	2	0.70	0.21	300.0	3	0.80	0.24	300.0
	4	0.99	0.30	300.0								
149	1	0.83	0.25	300.0	2	0.80	0.24	300.0	3	0.85	0.26	300.0
	4	0.88	0.26	300.0								
150	1	0.99	0.30	300.0	2	0.80	0.24	300.0	3	0.70	0.21	300.0
	4	0.91	0.27	300.0								
151	1	0.99	0.30	300.0	2	0.80	0.24	300.0	3	0.71	0.21	300.0
	4	0.91	0.27	300.0								
152	1	0.83	0.25	300.0	2	0.80	0.24	300.0	3	0.85	0.26	300.0

Cmb	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h	Pilas.	1000 etaT/h	etaT	inter. h
	4	0.88	0.26	300.0								
153	1	0.85	0.26	300.0	2	0.88	0.26	300.0	3	0.83	0.25	300.0
	4	0.80	0.24	300.0								
154	1	0.71	0.21	300.0	2	0.91	0.27	300.0	3	0.99	0.30	300.0
	4	0.80	0.24	300.0								
155	1	0.70	0.21	300.0	2	0.91	0.27	300.0	3	0.99	0.30	300.0
	4	0.80	0.24	300.0								
156	1	0.85	0.26	300.0	2	0.88	0.26	300.0	3	0.83	0.25	300.0
	4	0.80	0.24	300.0								
157	1	0.80	0.24	300.0	2	0.99	0.30	300.0	3	0.91	0.27	300.0
	4	0.70	0.21	300.0								
158	1	0.80	0.24	300.0	2	0.83	0.25	300.0	3	0.88	0.26	300.0
	4	0.85	0.26	300.0								
159	1	0.80	0.24	300.0	2	0.83	0.25	300.0	3	0.88	0.26	300.0
	4	0.85	0.26	300.0								
160	1	0.80	0.24	300.0	2	0.99	0.30	300.0	3	0.91	0.27	300.0
	4	0.71	0.21	300.0								
161	1	0.70	0.21	300.0	2	0.57	0.17	300.0	3	0.88	0.26	300.0
	4	0.97	0.29	300.0								
162	1	0.66	0.20	300.0	2	0.75	0.22	300.0	3	0.88	0.26	300.0
	4	0.81	0.24	300.0								
163	1	0.66	0.20	300.0	2	0.75	0.22	300.0	3	0.88	0.26	300.0
	4	0.81	0.24	300.0								
164	1	0.70	0.21	300.0	2	0.57	0.17	300.0	3	0.88	0.26	300.0
	4	0.97	0.29	300.0								
165	1	0.75	0.22	300.0	2	0.66	0.20	300.0	3	0.81	0.24	300.0
	4	0.88	0.26	300.0								
166	1	0.57	0.17	300.0	2	0.70	0.21	300.0	3	0.97	0.29	300.0
	4	0.88	0.26	300.0								
167	1	0.57	0.17	300.0	2	0.70	0.21	300.0	3	0.97	0.29	300.0
	4	0.88	0.26	300.0								
168	1	0.75	0.22	300.0	2	0.66	0.20	300.0	3	0.81	0.24	300.0
	4	0.88	0.26	300.0								
169	1	0.81	0.24	300.0	2	0.88	0.26	300.0	3	0.75	0.22	300.0
	4	0.66	0.20	300.0								
170	1	0.97	0.29	300.0	2	0.88	0.26	300.0	3	0.57	0.17	300.0
	4	0.70	0.21	300.0								
171	1	0.97	0.29	300.0	2	0.88	0.26	300.0	3	0.57	0.17	300.0
	4	0.70	0.21	300.0								
172	1	0.81	0.24	300.0	2	0.88	0.26	300.0	3	0.75	0.22	300.0
	4	0.66	0.20	300.0								
173	1	0.88	0.26	300.0	2	0.97	0.29	300.0	3	0.70	0.21	300.0
	4	0.57	0.17	300.0								
174	1	0.88	0.26	300.0	2	0.81	0.24	300.0	3	0.66	0.20	300.0
	4	0.75	0.22	300.0								
175	1	0.88	0.26	300.0	2	0.81	0.24	300.0	3	0.66	0.20	300.0
	4	0.75	0.22	300.0								
176	1	0.88	0.26	300.0	2	0.97	0.29	300.0	3	0.70	0.21	300.0
	4	0.57	0.17	300.0								
Cmb		**1000 etaT/h**										
		0.99										

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	60	-0.04	1.26e-05	-0.10	2.61e-04	-3.41e-04	3.02e-06
1	84	-1.71e-04	0.06	-0.08	1.25e-04	-2.20e-04	2.75e-05
1	99	-3.20e-04	-0.04	-0.11	3.46e-04	-3.46e-04	-1.99e-06
1	119	-0.04	0.02	-0.07	1.32e-04	-2.88e-04	-3.89e-05
1	139	-0.02	0.04	-0.05	1.64e-05	-1.63e-04	-5.00e-05
1	144	-1.67e-03	-0.04	-0.08	3.09e-04	-2.49e-04	5.00e-05
1	151	-0.04	0.02	-0.07	1.34e-04	-2.77e-04	-3.55e-05
1	171	-0.02	0.04	-0.05	2.85e-05	-1.63e-04	-4.55e-05
1	176	-1.54e-03	-0.04	-0.08	2.96e-04	-2.42e-04	4.55e-05
2	34	0.04	1.26e-05	-0.10	2.61e-04	3.41e-04	-3.02e-06
2	84	1.71e-04	0.06	-0.08	1.25e-04	2.20e-04	-2.75e-05
2	99	3.20e-04	-0.04	-0.11	3.46e-04	3.46e-04	1.99e-06
2	113	0.04	0.02	-0.07	1.32e-04	2.88e-04	3.89e-05
2	129	0.02	0.04	-0.05	1.64e-05	1.63e-04	5.00e-05
2	134	1.67e-03	-0.04	-0.08	3.09e-04	2.49e-04	-5.00e-05
2	145	0.04	0.02	-0.07	1.34e-04	2.77e-04	3.55e-05
2	161	0.02	0.04	-0.05	2.85e-05	1.63e-04	4.55e-05
2	166	1.54e-03	-0.04	-0.08	2.96e-04	2.42e-04	-4.55e-05
3	60	-0.04	-1.26e-05	-0.10	-2.61e-04	-3.41e-04	-3.02e-06
3	75	-3.20e-04	0.04	-0.11	-3.46e-04	-3.46e-04	1.99e-06
3	108	-1.71e-04	-0.06	-0.08	-1.25e-04	-2.20e-04	-2.75e-05
3	128	-0.04	-0.02	-0.07	-1.32e-04	-2.88e-04	3.89e-05
3	139	-1.67e-03	0.04	-0.08	-3.09e-04	-2.49e-04	-5.00e-05
3	144	-0.02	-0.04	-0.05	-1.64e-05	-1.63e-04	5.00e-05
3	160	-0.04	-0.02	-0.07	-1.34e-04	-2.77e-04	3.55e-05
3	171	-1.54e-03	0.04	-0.08	-2.96e-04	-2.42e-04	-4.55e-05
3	176	-0.02	-0.04	-0.05	-2.85e-05	-1.63e-04	4.55e-05
4	34	0.04	-1.26e-05	-0.10	-2.61e-04	3.41e-04	3.02e-06
4	75	3.20e-04	0.04	-0.11	-3.46e-04	3.46e-04	-1.99e-06
4	108	1.71e-04	-0.06	-0.08	-1.25e-04	2.20e-04	2.75e-05
4	122	0.04	-0.02	-0.07	-1.32e-04	2.88e-04	-3.89e-05
4	129	1.67e-03	0.04	-0.08	-3.09e-04	2.49e-04	5.00e-05
4	134	0.02	-0.04	-0.05	-1.64e-05	1.63e-04	-5.00e-05
4	154	0.04	-0.02	-0.07	-1.34e-04	2.77e-04	-3.55e-05
4	161	1.54e-03	0.04	-0.08	-2.96e-04	2.42e-04	4.55e-05
4	166	0.02	-0.04	-0.05	-2.85e-05	1.63e-04	-4.55e-05
5	34	0.20	3.28e-05	-0.10	1.83e-04	2.22e-03	2.12e-04
5	75	3.38e-04	0.17	-0.12	-1.09e-04	2.14e-03	5.59e-05
5	84	2.29e-04	0.28	-0.11	-3.25e-04	1.80e-03	9.32e-05
5	122	0.34	-0.02	-0.05	1.74e-04	1.88e-03	-2.38e-04
5	139	-0.03	0.33	-0.09	-5.36e-04	9.96e-04	-3.06e-04
5	154	0.31	-0.02	-0.05	1.70e-04	1.81e-03	-2.17e-04
5	171	-0.03	0.30	-0.08	-4.77e-04	1.00e-03	-2.79e-04
6	60	-0.20	3.28e-05	-0.10	1.83e-04	-2.22e-03	-2.12e-04
6	75	-3.38e-04	0.17	-0.12	-1.09e-04	-2.14e-03	-5.59e-05
6	84	-2.29e-04	0.28	-0.11	-3.25e-04	-1.80e-03	-9.32e-05
6	128	-0.34	-0.02	-0.05	1.74e-04	-1.88e-03	2.38e-04
6	129	0.03	0.33	-0.09	-5.36e-04	-9.96e-04	3.06e-04
6	160	-0.31	-0.02	-0.05	1.70e-04	-1.81e-03	2.17e-04
6	161	0.03	0.30	-0.08	-4.77e-04	-1.00e-03	2.79e-04
7	34	0.20	-3.28e-05	-0.10	-1.83e-04	2.22e-03	-2.12e-04
7	99	3.38e-04	-0.17	-0.12	1.09e-04	2.14e-03	-5.59e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
7	108	2.29e-04	-0.28	-0.11	3.25e-04	1.80e-03	-9.32e-05
7	113	0.34	0.02	-0.05	-1.74e-04	1.88e-03	2.38e-04
7	144	-0.03	-0.33	-0.09	5.36e-04	9.96e-04	3.06e-04
7	145	0.31	0.02	-0.05	-1.70e-04	1.81e-03	2.17e-04
7	176	-0.03	-0.30	-0.08	4.77e-04	1.00e-03	2.79e-04
8	60	-0.20	-3.28e-05	-0.10	-1.83e-04	-2.22e-03	2.12e-04
8	99	-3.38e-04	-0.17	-0.12	1.09e-04	-2.14e-03	5.59e-05
8	108	-2.29e-04	-0.28	-0.11	3.25e-04	-1.80e-03	9.32e-05
8	119	-0.34	0.02	-0.05	-1.74e-04	-1.88e-03	-2.38e-04
8	134	0.03	-0.33	-0.09	5.36e-04	-9.96e-04	-3.06e-04
8	151	-0.31	0.02	-0.05	-1.70e-04	-1.81e-03	-2.17e-04
8	166	0.03	-0.30	-0.08	4.77e-04	-1.00e-03	-2.79e-04
Nodo		**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		-0.34	-0.33	-0.12	-5.36e-04	-2.22e-03	-3.06e-04
		0.34	0.33	-0.05	5.36e-04	2.22e-03	3.06e-04

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm
Nodo		**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.
Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione Fz (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.
In particolare viene riportato:

Nodo		numero del nodo a cui è applicato il plinto
Tipo		Codice identificativo del nome assegnato al plinto
area		area dell'impronta del plinto
Wink O	**Wink V**	coefficienti di Winkler (orizzontale e verticale) adottati
Comb		Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)		valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

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

Test N°	Titolo
105	PLINTO SUPERFICIALE
106	PLINTO SUPERFICIALE
107	PLINTO SUPERFICIALE
108	PLINTO SUPERFICIALE
109	PLINTO SUPERFICIALE
110	PLINTO SUPERFICIALE
111	PLINTO SUPERFICIALE
112	PLINTO SUPERFICIALE
113	PLINTO SUPERFICIALE
114	PLINTO SUPERFICIALE
115	PLINTO SUPERFICIALE
116	PLINTO SUPERFICIALE
117	PLINTO SUPERFICIALE
118	PLINTO SUPERFICIALE
119	PLINTO SUPERFICIALE
120	PLINTO SUPERFICIALE
121	PLINTO SUPERFICIALE
122	PLINTO SUPERFICIALE
123	PLINTO SUPERFICIALE
124	FONDAZIONE NASTRIFORME
125	CALCOLO DEI K DI WINKLER

Elem.	**Cmb**	**Pt ini**	**Pt fin**	**Pt max**	**Cmb**	**Pt ini**	**Pt fin**	**Pt max**	**Cmb**	**Pt ini**	**Pt fin**	**Pt max**
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2
6	75	-1.06	-1.22	-1.22	133	-0.89	-0.88	-0.89	165	-0.87	-0.86	-0.87
8	75	-1.22	-1.22	-1.22	129	-0.87	-0.91	-0.91	161	-0.86	-0.89	-0.89
11	75	-1.06	-1.22	-1.22	141	-0.89	-0.88	-0.89	173	-0.87	-0.86	-0.87
12	99	-1.22	-1.22	-1.22	133	-0.88	-0.91	-0.91	165	-0.86	-0.89	-0.89
Elem.		**Pt ini**	**Pt fin**	**Pt max**		**Pt ini**	**Pt fin**	**Pt max**		**Pt ini**	**Pt fin**	**Pt max**
		-1.22										
		-0.86										

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

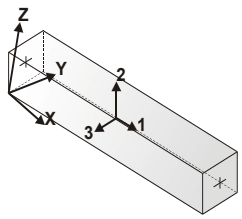
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
Q2/Q3	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
Pos.	ascissa del punto iniziale e finale dell'elemento
N, V2, ecc..	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



orientamento elementi 2D non verticali

orientamento elementi 2D verticali

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
1	51	2.824e+05	-1.743e+04	0.16	0.0	0.0	-8625.45	-2941.43	113.21	1783.45	-5.139e+04	2.824e+05
		-6.000e+05	-5.139e+04	0.02	0.0	300.0	-7747.95	-2941.43	113.21	1783.45	-1.743e+04	-6.000e+05
1	60	3.059e+05	-1.824e+04	0.19	0.0	0.0	-7598.74	-2837.79	92.62	2972.42	-4.603e+04	3.059e+05
		-5.454e+05	-4.603e+04	0.02	0.0	300.0	-6721.24	-2837.79	92.62	2972.42	-1.824e+04	-5.454e+05
1	84	1.783e+05	1.217e+05	0.08	0.0	0.0	-6604.46	-2128.50	1200.65	1.998e+04	-2.385e+05	1.783e+05
		-4.602e+05	-2.385e+05	-0.22	0.0	300.0	-5726.96	-2128.50	1200.65	1.998e+04	1.217e+05	-4.602e+05
1	87	1.100e+05	1.250e+05	0.05	0.0	0.0	-3826.46	-1263.81	1158.91	1.998e+04	-2.226e+05	1.100e+05
		-2.691e+05	-2.226e+05	-0.22	0.0	300.0	-3151.46	-1263.81	1158.91	1.998e+04	1.250e+05	-2.691e+05
1	97	1.884e+05	7.253e+04	0.10	0.0	0.0	-8873.12	-2447.21	-584.92	-2684.17	7.253e+04	1.884e+05
		-5.458e+05	-1.030e+05	0.13	0.0	300.0	-7995.62	-2447.21	-584.92	-2684.17	-1.030e+05	-5.458e+05
1	109	8.448e+04	1.740e+05	0.05	0.0	0.0	-5233.54	-1163.25	-1103.13	-4473.61	1.740e+05	8.448e+04
		-2.645e+05	-1.570e+05	0.22	0.0	300.0	-4558.54	-1163.25	-1103.13	-4473.61	-1.570e+05	-2.645e+05
1	119	3.665e+05	7.222e+04	0.30	0.0	0.0	-4855.00	-2709.90	736.64	-9915.10	-1.488e+05	3.665e+05
		-4.465e+05	-1.488e+05	-0.13	0.0	300.0	-4180.00	-2709.90	736.64	-9915.10	7.222e+04	-4.465e+05
1	138	-3.049e+04	2.430e+05	-0.13	0.0	0.0	-5404.15	-543.69	-1504.84	1.272e+04	2.430e+05	-3.049e+04
		-1.935e+05	-2.085e+05	0.29	0.0	300.0	-4729.15	-543.69	-1504.84	1.272e+04	-2.085e+05	-1.935e+05
1	139	2.299e+05	1.766e+05	0.15	0.0	0.0	-3895.85	-1961.78	1561.91	-1.272e+04	-2.920e+05	2.299e+05
		-3.587e+05	-2.920e+05	-0.29	0.0	300.0	-3220.85	-1961.78	1561.91	-1.272e+04	1.766e+05	-3.587e+05
1	141	9.174e+04	1.760e+05	0.04	0.0	0.0	-3575.73	-1208.79	1551.13	-1.272e+04	-2.893e+05	9.174e+04
		-2.710e+05	-2.893e+05	-0.29	0.0	300.0	-2900.73	-1208.79	1551.13	-1.272e+04	1.760e+05	-2.710e+05
1	144	1.077e+05	2.403e+05	0.07	0.0	0.0	-5724.27	-1296.68	-1494.06	1.272e+04	2.403e+05	1.077e+05
		-2.812e+05	-2.079e+05	0.29	0.0	300.0	-5049.27	-1296.68	-1494.06	1.272e+04	-2.079e+05	-2.812e+05
1	151	3.429e+05	6.442e+04	0.27	0.0	0.0	-4836.19	-2580.95	673.98	-9037.68	-1.378e+05	3.429e+05
		-4.314e+05	-1.378e+05	-0.12	0.0	300.0	-4161.19	-2580.95	673.98	-9037.68	6.442e+04	-4.314e+05
1	170	-1.897e+04	2.193e+05	-0.12	0.0	0.0	-5336.54	-606.43	-1369.15	1.159e+04	2.193e+05	-1.897e+04
		-2.008e+05	-1.915e+05	0.26	0.0	300.0	-4661.54	-606.43	-1369.15	1.159e+04	-1.915e+05	-2.008e+05
1	171	2.184e+05	1.596e+05	0.14	0.0	0.0	-3963.46	-1899.03	1426.21	-1.159e+04	-2.683e+05	2.184e+05
		-3.514e+05	-2.683e+05	-0.26	0.0	300.0	-3288.46	-1899.03	1426.21	-1.159e+04	1.596e+05	-3.514e+05
1	173	9.245e+04	1.591e+05	0.04	0.0	0.0	-3672.23	-1212.67	1416.38	-1.159e+04	-2.659e+05	9.245e+04
		-2.715e+05	-2.659e+05	-0.26	0.0	300.0	-2997.23	-1212.67	1416.38	-1.159e+04	1.591e+05	-2.715e+05
1	176	1.070e+05	2.169e+05	0.07	0.0	0.0	-5627.77	-1292.79	-1359.31	1.159e+04	2.169e+05	1.070e+05
		-2.807e+05	-1.909e+05	0.26	0.0	300.0	-4952.77	-1292.79	-1359.31	1.159e+04	-1.909e+05	-2.807e+05
2	51	2.824e+05	5.139e+04	0.16	0.0	0.0	-8625.45	-2941.43	-113.21	-1783.45	5.139e+04	2.824e+05
		-6.000e+05	1.743e+04	-0.02	0.0	300.0	-7747.95	-2941.43	-113.21	-1783.45	1.743e+04	-6.000e+05
2	60	3.059e+05	4.603e+04	0.19	0.0	0.0	-7598.74	-2837.79	-92.62	-2972.42	4.603e+04	3.059e+05
		-5.454e+05	1.824e+04	-0.02	0.0	300.0	-6721.24	-2837.79	-92.62	-2972.42	1.824e+04	-5.454e+05
2	73	1.884e+05	1.030e+05	0.10	0.0	0.0	-8873.12	-2447.21	584.92	2684.17	-7.253e+04	1.884e+05
		-5.458e+05	-7.253e+04	-0.13	0.0	300.0	-7995.62	-2447.21	584.92	2684.17	1.030e+05	-5.458e+05
2	85	8.448e+04	1.570e+05	0.05	0.0	0.0	-5233.54	-1163.25	1103.13	4473.61	-1.740e+05	8.448e+04
		-2.645e+05	-1.740e+05	-0.22	0.0	300.0	-4558.54	-1163.25	1103.13	4473.61	1.570e+05	-2.645e+05
2	108	1.783e+05	2.385e+05	0.08	0.0	0.0	-6604.46	-2128.50	-1200.65	-1.998e+04	2.385e+05	1.783e+05
		-4.602e+05	-1.217e+05	0.22	0.0	300.0	-5726.96	-2128.50	-1200.65	-1.998e+04	-1.217e+05	-4.602e+05
2	109	1.045e+05	2.189e+05	0.05	0.0	0.0	-3826.46	-1243.06	-1144.62	-1.998e+04	2.189e+05	1.045e+05
		-2.685e+05	-1.244e+05	0.22	0.0	300.0	-3151.46	-1243.06	-1144.62	-1.998e+04	-1.244e+05	-2.685e+05
2	128	3.665e+05	1.488e+05	0.30	0.0	0.0	-4855.00	-2709.90	-736.64	9915.10	1.488e+05	3.665e+05
		-4.465e+05	-7.222e+04	0.13	0.0	300.0	-4180.00	-2709.90	-736.64	9915.10	-7.222e+04	-4.465e+05
2	138	9.174e+04	2.893e+05	0.04	0.0	0.0	-3575.73	-1208.79	-1551.13	1.272e+04	2.893e+05	9.174e+04
		-2.710e+05	-1.760e+05	0.29	0.0	300.0	-2900.73	-1208.79	-1551.13	1.272e+04	-1.760e+05	-2.710e+05
2	139	1.077e+05	2.079e+05	0.07	0.0	0.0	-5724.27	-1296.68	1494.06	-1.272e+04	-2.403e+05	1.077e+05
		-2.812e+05	-2.403e+05	-0.29	0.0	300.0	-5049.27	-1296.68	1494.06	-1.272e+04	2.079e+05	-2.812e+05
2	141	-3.049e+04	2.085e+05	-0.13	0.0	0.0	-5404.15	-543.69	1504.84	-1.272e+04	-2.430e+05	-3.049e+04
		-1.935e+05	-2.430e+05	-0.29	0.0	300.0	-4729.15	-543.69	1504.84	-1.272e+04	2.085e+05	-1.935e+05
2	144	2.299e+05	2.920e+05	0.15	0.0	0.0	-3895.85	-1961.78	-1561.91	1.272e+04	2.920e+05	2.299e+05
		-3.587e+05	-1.766e+05	0.29	0.0	300.0	-3220.85	-1961.78	-1561.91	1.272e+04	-1.766e+05	-3.587e+05
2	160	3.429e+05	1.378e+05	0.27	0.0	0.0	-4836.19	-2580.95	-673.98	9037.68	1.378e+05	3.429e+05
		-4.314e+05	-6.442e+04	0.12	0.0	300.0	-4161.19	-2580.95	-673.98	9037.68	-6.442e+04	-4.314e+05
2	170	9.245e+04	2.659e+05	0.04	0.0	0.0	-3672.23	-1212.67	-1416.38	1.159e+04	2.659e+05	9.245e+04
		-2.715e+05	-1.591e+05	0.26	0.0	300.0	-2997.23	-1212.67	-1416.38	1.159e+04	-1.591e+05	-2.715e+05
2	171	1.070e+05	1.909e+05	0.07	0.0	0.0	-5627.77	-1292.79	1359.31	-1.159e+04	-2.169e+05	1.070e+05
		-2.807e+05	-2.169e+05	-0.26	0.0	300.0	-4952.77	-1292.79	1359.31	-1.159e+04	1.909e+05	-2.807e+05
2	173	-1.897e+04	1.915e+05	-0.12	0.0	0.0	-5336.54	-606.43	1369.15	-1.159e+04	-2.193e+05	-1.897e+04
		-2.008e+05	-2.193e+05	-0.26	0.0	300.0	-4661.54	-606.43	1369.15	-1.159e+04	1.915e+05	-2.008e+05
2	176	2.184e+05	2.683e+05	0.14	0.0	0.0	-3963.46	-1899.03	-1426.21	1.159e+04	2.683e+05	2.184e+05
		-3.514e+05	-1.596e+05	0.26	0.0	300.0	-3288.46	-1899.03	-1426.21	1.159e+04	-1.596e+05	-3.514e+05
3	27	6.000e+05	5.139e+04	-0.16	0.0	0.0	-8625.45	2941.43	-113.21	1783.45	5.139e+04	-2.824e+05
		-2.824e+05	1.743e+04	-0.02	0.0	300.0	-7747.95	2941.43	-113.21	1783.45	1.743e+04	6.000e+05
3	34	5.454e+05	4.603e+04	-0.19	0.0	0.0	-7598.74	2837.79	-92.62	2972.42	4.603e+04	-3.059e+05
		-3.059e+05	1.824e+04	-0.02	0.0	300.0	-6721.24	2837.79	-92.62	2972.42	1.824e+04	5.454e+05
3	73	5.458e+05	1.030e+05	-0.10	0.0	0.0	-8873.12	2447.21	584.92	-2684.17	-7.253e+04	-1.884e+05
		-1.884e+05	-7.253e+04	-0.13	0.0	300.0	-7995.62	2447.21	584.92	-2684.17	1.030e+05	5.458e+05

Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
3	85	2.645e+05	1.570e+05	-0.05	0.0	0.0	-5233.54	1163.25	1103.13	-4473.61	-1.740e+05	-8.448e+04
		-8.448e+04	-1.740e+05	-0.22	0.0	300.0	-4558.54	1163.25	1103.13	-4473.61	1.570e+05	2.645e+05
3	108	4.602e+05	2.385e+05	-0.08	0.0	0.0	-6604.46	2128.50	-1200.65	1.998e+04	2.385e+05	-1.783e+05
		-1.783e+05	-1.217e+05	0.22	0.0	300.0	-5726.96	2128.50	-1200.65	1.998e+04	-1.217e+05	4.602e+05
3	109	2.685e+05	2.189e+05	-0.05	0.0	0.0	-3826.46	1243.06	-1144.62	1.998e+04	2.189e+05	-1.045e+05
		-1.045e+05	-1.244e+05	0.22	0.0	300.0	-3151.46	1243.06	-1144.62	1.998e+04	-1.244e+05	2.685e+05
3	122	4.465e+05	1.488e+05	-0.30	0.0	0.0	-4855.00	2709.90	-736.64	-9915.10	1.488e+05	-3.665e+05
		-3.665e+05	-7.222e+04	0.13	0.0	300.0	-4180.00	2709.90	-736.64	-9915.10	-7.222e+04	4.465e+05
3	129	2.812e+05	2.079e+05	-0.07	0.0	0.0	-5724.27	1296.68	1494.06	1.272e+04	-2.403e+05	-1.077e+05
		-1.077e+05	-2.403e+05	-0.29	0.0	300.0	-5049.27	1296.68	1494.06	1.272e+04	2.079e+05	2.812e+05
3	132	2.710e+05	2.893e+05	-0.04	0.0	0.0	-3575.73	1208.79	-1551.13	-1.272e+04	2.893e+05	-9.174e+04
		-9.174e+04	-1.760e+05	0.29	0.0	300.0	-2900.73	1208.79	-1551.13	-1.272e+04	-1.760e+05	2.710e+05
3	134	3.587e+05	2.920e+05	-0.15	0.0	0.0	-3895.85	1961.78	-1561.91	-1.272e+04	2.920e+05	-2.299e+05
		-2.299e+05	-1.766e+05	0.29	0.0	300.0	-3220.85	1961.78	-1561.91	-1.272e+04	-1.766e+05	3.587e+05
3	135	1.935e+05	2.085e+05	0.13	0.0	0.0	-5404.15	543.69	1504.84	1.272e+04	-2.430e+05	3.049e+04
		3.049e+04	-2.430e+05	-0.29	0.0	300.0	-4729.15	543.69	1504.84	1.272e+04	2.085e+05	1.935e+05
3	154	4.314e+05	1.378e+05	-0.27	0.0	0.0	-4836.19	2580.95	-673.98	-9037.68	1.378e+05	-3.429e+05
		-3.429e+05	-6.442e+04	0.12	0.0	300.0	-4161.19	2580.95	-673.98	-9037.68	-6.442e+04	4.314e+05
3	161	2.807e+05	1.909e+05	-0.07	0.0	0.0	-5627.77	1292.79	1359.31	1.159e+04	-2.169e+05	-1.070e+05
		-1.070e+05	-2.169e+05	-0.26	0.0	300.0	-4952.77	1292.79	1359.31	1.159e+04	1.909e+05	2.807e+05
3	164	2.715e+05	2.659e+05	-0.04	0.0	0.0	-3672.23	1212.67	-1416.38	-1.159e+04	2.659e+05	-9.245e+04
		-9.245e+04	-1.591e+05	0.26	0.0	300.0	-2997.23	1212.67	-1416.38	-1.159e+04	-1.591e+05	2.715e+05
3	166	3.514e+05	2.683e+05	-0.14	0.0	0.0	-3963.46	1899.03	-1426.21	-1.159e+04	2.683e+05	-2.184e+05
		-2.184e+05	-1.596e+05	0.26	0.0	300.0	-3288.46	1899.03	-1426.21	-1.159e+04	-1.596e+05	3.514e+05
3	167	2.008e+05	1.915e+05	0.12	0.0	0.0	-5336.54	606.43	1369.15	1.159e+04	-2.193e+05	1.897e+04
		1.897e+04	-2.193e+05	-0.26	0.0	300.0	-4661.54	606.43	1369.15	1.159e+04	1.915e+05	2.008e+05
4	27	6.000e+05	-1.743e+04	-0.16	0.0	0.0	-8625.45	2941.43	113.21	-1783.45	-5.139e+04	-2.824e+05
		-2.824e+05	-5.139e+04	0.02	0.0	300.0	-7747.95	2941.43	113.21	-1783.45	-1.743e+04	6.000e+05
4	34	5.454e+05	-1.824e+04	-0.19	0.0	0.0	-7598.74	2837.79	92.62	-2972.42	-4.603e+04	-3.059e+05
		-3.059e+05	-4.603e+04	0.02	0.0	300.0	-6721.24	2837.79	92.62	-2972.42	-1.824e+04	5.454e+05
4	84	4.602e+05	1.217e+05	-0.08	0.0	0.0	-6604.46	2128.50	1200.65	-1.998e+04	-2.385e+05	-1.783e+05
		-1.783e+05	-2.385e+05	-0.22	0.0	300.0	-5726.96	2128.50	1200.65	-1.998e+04	1.217e+05	4.602e+05
4	85	2.685e+05	1.244e+05	-0.05	0.0	0.0	-3826.46	1243.06	1144.62	-1.998e+04	-2.189e+05	-1.045e+05
		-1.045e+05	-2.189e+05	-0.22	0.0	300.0	-3151.46	1243.06	1144.62	-1.998e+04	1.244e+05	2.685e+05
4	97	5.458e+05	7.253e+04	-0.10	0.0	0.0	-8873.12	2447.21	-584.92	2684.17	7.253e+04	-1.884e+05
		-1.884e+05	-1.030e+05	0.13	0.0	300.0	-7995.62	2447.21	-584.92	2684.17	-1.030e+05	5.458e+05
4	109	2.645e+05	1.740e+05	-0.05	0.0	0.0	-5233.54	1163.25	-1103.13	4473.61	1.740e+05	-8.448e+04
		-8.448e+04	-1.570e+05	0.22	0.0	300.0	-4558.54	1163.25	-1103.13	4473.61	-1.570e+05	2.645e+05
4	113	4.465e+05	7.222e+04	-0.30	0.0	0.0	-4855.00	2709.90	736.64	9915.10	-1.488e+05	-3.665e+05
		-3.665e+05	-1.488e+05	-0.13	0.0	300.0	-4180.00	2709.90	736.64	9915.10	7.222e+04	4.465e+05
4	129	3.587e+05	1.766e+05	-0.15	0.0	0.0	-3895.85	1961.78	1561.91	1.272e+04	-2.920e+05	-2.299e+05
		-2.299e+05	-2.920e+05	-0.29	0.0	300.0	-3220.85	1961.78	1561.91	1.272e+04	1.766e+05	3.587e+05
4	132	1.935e+05	2.430e+05	0.13	0.0	0.0	-5404.15	543.69	-1504.84	-1.272e+04	2.430e+05	3.049e+04
		3.049e+04	-2.085e+05	0.29	0.0	300.0	-4729.15	543.69	-1504.84	-1.272e+04	-2.085e+05	1.935e+05
4	134	2.812e+05	2.403e+05	-0.07	0.0	0.0	-5724.27	1296.68	-1494.06	-1.272e+04	2.403e+05	-1.077e+05
		-1.077e+05	-2.079e+05	0.29	0.0	300.0	-5049.27	1296.68	-1494.06	-1.272e+04	-2.079e+05	2.812e+05
4	135	2.710e+05	1.760e+05	-0.04	0.0	0.0	-3575.73	1208.79	1551.13	1.272e+04	-2.893e+05	-9.174e+04
		-9.174e+04	-2.893e+05	-0.29	0.0	300.0	-2900.73	1208.79	1551.13	1.272e+04	1.760e+05	2.710e+05
4	145	4.314e+05	6.442e+04	-0.27	0.0	0.0	-4836.19	2580.95	673.98	9037.68	-1.378e+05	-3.429e+05
		-3.429e+05	-1.378e+05	-0.12	0.0	300.0	-4161.19	2580.95	673.98	9037.68	6.442e+04	4.314e+05
4	161	3.514e+05	1.596e+05	-0.14	0.0	0.0	-3963.46	1899.03	1426.21	1.159e+04	-2.683e+05	-2.184e+05
		-2.184e+05	-2.683e+05	-0.26	0.0	300.0	-3288.46	1899.03	1426.21	1.159e+04	1.596e+05	3.514e+05
4	164	2.008e+05	2.193e+05	0.12	0.0	0.0	-5336.54	606.43	-1369.15	-1.159e+04	2.193e+05	1.897e+04
		1.897e+04	-1.915e+05	0.26	0.0	300.0	-4661.54	606.43	-1369.15	-1.159e+04	-1.915e+05	2.008e+05
4	166	2.807e+05	2.169e+05	-0.07	0.0	0.0	-5627.77	1292.79	-1359.31	-1.159e+04	2.169e+05	-1.070e+05
		-1.070e+05	-1.909e+05	0.26	0.0	300.0	-4952.77	1292.79	-1359.31	-1.159e+04	-1.909e+05	2.807e+05
4	167	2.715e+05	1.591e+05	-0.04	0.0	0.0	-3672.23	1212.67	1416.38	1.159e+04	-2.659e+05	-9.245e+04
		-9.245e+04	-2.659e+05	-0.26	0.0	300.0	-2997.23	1212.67	1416.38	1.159e+04	1.591e+05	2.715e+05
Pilas.		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-6.000e+05	-2.920e+05	-0.30	0.0		-8873.12	-2941.43	-1561.91	-1.998e+04		
		6.000e+05	2.920e+05	0.30	0.0		-2900.73	2941.43	1561.91	1.998e+04		

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
5	27	4.091e+04	1.598e+04	-0.03	-1170.00	0.0	98.35	585.00	-299.70	0.0	1.598e+04	-1.759e+04
		-1.759e+04	-1.399e+04	8.64e-03	599.40	400.0	98.35	-585.00	299.70	0.0	1.598e+04	-1.759e+04
5	81	1.199e+05	6.385e+04	-0.04	-1170.00	0.0	9.24	-118.54	408.39	-1018.59	-9.950e+04	1.199e+05
		-1.615e+05	-9.950e+04	0.02	0.0	400.0	9.24	-1288.54	408.39	-1018.59	6.385e+04	-1.615e+05
5	85	1.244e+05	6.385e+04	-0.04	-900.00	0.0	-4.91	-253.54	408.39	-1018.59	-9.950e+04	1.244e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		-1.570e+05	-9.950e+04	0.02	0.0	400.0	-4.91	-1153.54	408.39	-1018.59	6.385e+04	-1.570e+05
5	88	1.262e+05	6.385e+04	-0.04	-900.00	0.0	11.04	-253.54	408.39	-1018.59	-9.950e+04	1.262e+05
		-1.552e+05	-9.950e+04	0.02	0.0	400.0	11.04	-1153.54	408.39	-1018.59	6.385e+04	-1.552e+05
5	114	3.322e+04	2096.02	-0.02	-900.00	0.0	43.37	577.00	10.48	-2515.40	-2097.09	-4.070e+04
		-4.070e+04	-2097.09	-0.01	0.0	400.0	43.37	-323.00	10.48	-2515.40	2096.02	1.008e+04
5	115	3.196e+04	2097.09	-0.02	-900.00	0.0	31.01	323.00	-10.48	2515.40	2097.09	8811.45
		-4.197e+04	-2096.02	0.01	0.0	400.0	31.01	-577.00	-10.48	2515.40	-2096.02	-4.197e+04
5	129	1.696e+05	7595.89	-0.05	-900.00	0.0	39.04	-476.74	37.98	-1.054e+04	-7596.21	1.696e+05
		-2.011e+05	-7596.21	-0.12	0.0	400.0	39.04	-1376.74	37.98	-1.054e+04	7595.89	-2.011e+05
5	132	1.692e+05	7596.21	0.03	-900.00	0.0	35.33	1376.74	-37.98	1.054e+04	7596.21	-2.015e+05
		-2.015e+05	-7595.89	0.12	0.0	400.0	35.33	476.74	-37.98	1.054e+04	-7595.89	1.692e+05
5	138	1.056e+05	7601.62	0.03	-900.00	0.0	39.04	1056.66	38.01	-9321.14	-7601.94	-1.371e+05
		-1.371e+05	-7601.94	-0.12	0.0	400.0	39.04	156.66	38.01	-9321.14	7601.62	1.056e+05
5	144	1.052e+05	7601.94	0.03	-900.00	0.0	35.33	1056.66	38.01	-9321.14	-7601.62	-1.375e+05
		-1.375e+05	-7601.62	-0.12	0.0	400.0	35.33	156.66	38.01	-9321.14	7601.94	1.052e+05
5	146	3.260e+04	1910.54	-0.02	-900.00	0.0	42.82	565.76	9.56	-2292.82	-1911.51	-3.851e+04
		-3.851e+04	-1911.51	-0.01	0.0	400.0	42.82	-334.24	9.56	-2292.82	1910.54	7775.21
5	147	3.145e+04	1911.51	-0.02	-900.00	0.0	31.56	334.24	-9.56	2292.82	1911.51	6620.45
		-3.967e+04	-1910.54	0.01	0.0	400.0	31.56	-565.76	-9.56	2292.82	-1910.54	-3.967e+04
5	161	1.532e+05	6923.71	-0.04	-900.00	0.0	38.88	-394.73	34.62	-9611.66	-6924.00	1.532e+05
		-1.847e+05	-6924.00	-0.11	0.0	400.0	38.88	-1294.73	34.62	-9611.66	6923.71	-1.847e+05
5	164	1.528e+05	6924.00	0.03	-900.00	0.0	35.50	1294.73	-34.62	9611.66	6924.00	-1.851e+05
		-1.851e+05	-6923.71	0.11	0.0	400.0	35.50	394.73	-34.62	9611.66	-6923.71	1.528e+05
5	170	9.482e+04	6928.93	0.02	-900.00	0.0	38.88	1002.97	34.65	-8496.24	-6929.22	-1.264e+05
		-1.264e+05	-6929.22	-0.11	0.0	400.0	38.88	102.97	34.65	-8496.24	6928.93	9.482e+04
5	176	9.447e+04	6929.22	0.02	-900.00	0.0	35.50	1002.97	34.65	-8496.24	-6928.93	-1.267e+05
		-1.267e+05	-6928.93	-0.11	0.0	400.0	35.50	102.97	34.65	-8496.24	6929.22	9.447e+04
7	27	5.006e+05	2.054e+04	-0.69	-1.398e+04	0.0	-403.39	6814.05	-57.89	156.78	2.054e+04	-4.953e+05
		-6.000e+05	-1.420e+04	-9.73e-03	0.0	600.0	-403.39	-7162.95	-57.89	156.78	-1.420e+04	-6.000e+05
7	73	5.019e+05	2.644e+04	-0.69	-1.398e+04	0.0	-315.47	6988.50	449.55	0.0	-4.100e+04	-5.464e+05
		-5.464e+05	-4.100e+04	-0.03	-899.10	600.0	-315.47	-6988.50	-449.55	0.0	-4.100e+04	-5.464e+05
7	85	2.452e+05	4.406e+04	-0.34	-6810.00	0.0	-80.34	3405.00	749.25	0.0	-6.833e+04	-2.655e+05
		-2.655e+05	-6.833e+04	-0.05	-1498.50	600.0	-80.34	-3405.00	-749.25	0.0	-6.833e+04	-2.655e+05
7	99	5.000e+05	7.169e+04	-0.69	-1.398e+04	0.0	-434.20	6988.50	-899.10	0.0	7.169e+04	-5.482e+05
		-5.482e+05	-6.317e+04	0.09	1798.20	600.0	-434.20	-6988.50	899.10	0.0	7.169e+04	-5.482e+05
7	105	3.363e+05	1.195e+05	-0.46	-9405.00	0.0	-342.92	4702.50	-1498.50	0.0	1.195e+05	-3.691e+05
		-3.691e+05	-1.053e+05	0.14	2997.00	600.0	-342.92	-4702.50	1498.50	0.0	1.195e+05	-3.691e+05
7	122	2.647e+05	3982.17	-0.36	-7050.00	0.0	-193.73	2979.25	-13.28	7337.43	3982.17	-1.125e+05
		-4.400e+05	-3982.95	0.13	0.0	600.0	-193.73	-4070.75	-13.28	7337.43	-3982.95	-4.400e+05
7	123	2.650e+05	3982.95	-0.34	-7050.00	0.0	-188.11	4070.75	13.28	-7337.43	-3982.17	-4.397e+05
		-4.397e+05	-3982.17	-0.13	0.0	600.0	-188.11	-2979.25	13.28	-7337.43	3982.95	-1.122e+05
7	129	2.532e+05	5119.63	-0.35	-7050.00	0.0	-181.55	3473.17	17.06	-8931.38	-5117.05	-2.600e+05
		-2.911e+05	-5117.05	-0.12	0.0	600.0	-181.55	-3576.83	17.06	-8931.38	5119.63	-2.911e+05
7	130	2.521e+05	3502.33	-0.35	-7050.00	0.0	-200.29	3305.95	-11.68	6250.62	3502.33	-2.110e+05
		-3.424e+05	-3504.91	0.06	0.0	600.0	-200.29	-3744.05	-11.68	6250.62	-3504.91	-3.424e+05
7	131	2.532e+05	3504.91	-0.35	-7050.00	0.0	-181.55	3744.05	11.68	-6250.62	-3502.33	-3.413e+05
		-3.413e+05	-3502.33	-0.06	0.0	600.0	-181.55	-3305.95	11.68	-6250.62	3504.91	-2.098e+05
7	138	2.521e+05	5117.05	-0.35	-7050.00	0.0	-200.29	3473.17	17.06	-8931.38	-5119.63	-2.612e+05
		-2.922e+05	-5119.63	-0.12	0.0	600.0	-200.29	-3576.83	17.06	-8931.38	5117.05	-2.922e+05
7	154	2.629e+05	3629.78	-0.36	-7050.00	0.0	-193.48	3027.55	-12.10	6688.11	3629.78	-1.270e+05
		-4.255e+05	-3630.48	0.12	0.0	600.0	-193.48	-4022.45	-12.10	6688.11	-3630.48	-4.255e+05
7	155	2.632e+05	3630.48	-0.34	-7050.00	0.0	-188.36	4022.45	12.10	-6688.11	-3629.78	-4.252e+05
		-4.252e+05	-3629.78	-0.12	0.0	600.0	-188.36	-3027.55	12.10	-6688.11	3630.48	-1.267e+05
7	161	2.532e+05	4666.58	-0.35	-7050.00	0.0	-182.38	3477.76	15.55	-8141.02	-4664.23	-2.614e+05
		-2.897e+05	-4664.23	-0.11	0.0	600.0	-182.38	-3572.24	15.55	-8141.02	4666.58	-2.897e+05
7	162	2.521e+05	3192.40	-0.35	-7050.00	0.0	-199.46	3325.33	-10.65	5697.49	3192.40	-2.167e+05
		-3.365e+05	-3194.75	0.05	0.0	600.0	-199.46	-3724.67	-10.65	5697.49	-3194.75	-3.365e+05
7	163	2.532e+05	3194.75	-0.35	-7050.00	0.0	-182.38	3724.67	10.65	-5697.49	-3192.40	-3.355e+05
		-3.355e+05	-3192.40	-0.05	0.0	600.0	-182.38	-3325.33	10.65	-5697.49	3194.75	-2.157e+05
7	170	2.521e+05	4664.23	-0.35	-7050.00	0.0	-199.46	3477.76	15.55	-8141.02	-4666.58	-2.625e+05
		-2.908e+05	-4666.58	-0.11	0.0	600.0	-199.46	-3572.24	15.55	-8141.02	4664.23	-2.908e+05
9	51	4.091e+04	1.399e+04	-0.03	-1170.00	0.0	98.35	585.00	299.70	0.0	-1.598e+04	-1.759e+04
		-1.759e+04	-1.598e+04	-8.64e-03	-599.40	400.0	98.35	-585.00	-299.70	0.0	-1.598e+04	-1.759e+04
9	81	1.199e+05	9.950e+04	-0.04	-1170.00	0.0	9.24	-118.54	-408.39	1018.59	9.950e+04	1.199e+05
		-1.615e+05	-6.385e+04	-0.02	0.0	400.0	9.24	-1288.54	-408.39	1018.59	-6.385e+04	-1.615e+05
9	85	1.244e+05	9.950e+04	-0.04	-900.00	0.0	-4.91	-253.54	-408.39	1018.59	9.950e+04	1.244e+05
		-1.570e+05	-6.385e+04	-0.02	0.0	400.0	-4.91	-1153.54	-408.39	1018.59	-6.385e+04	-1.570e+05
9	88	1.262e+05	9.950e+04	-0.04	-900.00	0.0	11.04	-253.54	-408.39	1018.59	9.950e+04	1.262e+05
		-1.552e+05	-6.385e+04	-0.02	0.0	400.0	11.04	-1153.54	-408.39	1018.59	-6.385e+04	-1.552e+05
9	113	2.911e+04	5932.83	-0.02	-900.00	0.0	31.01	394.08	29.67	-7537.40	-5933.90	-5405.50
		-2.775e+04	-5933.90	-0.08	0.0	400.0	31.01	-505.92	29.67	-7537.40	5932.83	-2.775e+04
9	116	3.038e+04	5933.90	-0.02	-900.00	0.0	43.37	505.92	-29.67	7537.40	5933.90	-2.649e+04
		-2.649e+04	-5932.83	0.08	0.0	400.0	43.37	-394.08	-29.67	7537.40	-5932.83	-4138.62

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
9	129	1.052e+05	7601.62	-0.04	-900.00	0.0	35.33	-156.66	38.01	-9321.14	-7601.94	1.052e+05
		-1.375e+05	-7601.94	-0.12	0.0	400.0	35.33	-1056.66	38.01	-9321.14	7601.62	-1.375e+05
9	135	1.056e+05	7601.94	-0.04	-900.00	0.0	39.04	-156.66	38.01	-9321.14	-7601.62	1.056e+05
		-1.371e+05	-7601.62	-0.12	0.0	400.0	39.04	-1056.66	38.01	-9321.14	7601.94	-1.371e+05
9	138	1.692e+05	7595.89	0.03	-900.00	0.0	35.33	1376.74	37.98	-1.054e+04	-7596.21	-2.015e+05
		-2.015e+05	-7596.21	-0.12	0.0	400.0	35.33	476.74	37.98	-1.054e+04	7595.89	1.692e+05
9	139	1.696e+05	7596.21	-0.05	-900.00	0.0	39.04	-476.74	-37.98	1.054e+04	7596.21	1.696e+05
		-2.011e+05	-7595.89	0.12	0.0	400.0	39.04	-1376.74	-37.98	1.054e+04	-7595.89	-2.011e+05
9	149	3.145e+04	1910.54	-0.02	-900.00	0.0	31.56	334.24	9.56	-2292.82	-1911.51	6620.45
		-3.967e+04	-1911.51	-0.01	0.0	400.0	31.56	-565.76	9.56	-2292.82	1910.54	-3.967e+04
9	152	3.260e+04	1911.51	-0.02	-900.00	0.0	42.82	565.76	-9.56	2292.82	1911.51	-3.851e+04
		-3.851e+04	-1910.54	0.01	0.0	400.0	42.82	-334.24	-9.56	2292.82	-1910.54	7775.21
9	161	9.447e+04	6928.93	-0.04	-900.00	0.0	35.50	-102.97	34.65	-8496.24	-6929.22	9.447e+04
		-1.267e+05	-6929.22	-0.11	0.0	400.0	35.50	-1002.97	34.65	-8496.24	6928.93	-1.267e+05
9	167	9.482e+04	6929.22	-0.04	-900.00	0.0	38.88	-102.97	34.65	-8496.24	-6928.93	9.482e+04
		-1.264e+05	-6928.93	-0.11	0.0	400.0	38.88	-1002.97	34.65	-8496.24	6929.22	-1.264e+05
9	170	1.528e+05	6923.71	0.03	-900.00	0.0	35.50	1294.73	34.62	-9611.66	-6924.00	-1.851e+05
		-1.851e+05	-6924.00	-0.11	0.0	400.0	35.50	394.73	34.62	-9611.66	6923.71	1.528e+05
9	171	1.532e+05	6924.00	-0.04	-900.00	0.0	38.88	-394.73	-34.62	9611.66	6924.00	1.532e+05
		-1.847e+05	-6923.71	0.11	0.0	400.0	38.88	-1294.73	-34.62	9611.66	-6923.71	-1.847e+05
10	27	5.006e+05	1.420e+04	-0.69	-1.398e+04	0.0	-403.39	6814.05	57.89	-156.78	-2.054e+04	-4.953e+05
		-6.000e+05	-2.054e+04	9.73e-03	0.0	600.0	-403.39	-7162.95	57.89	-156.78	1.420e+04	-6.000e+05
10	75	5.000e+05	6.317e+04	-0.69	-1.398e+04	0.0	-434.20	6988.50	899.10	0.0	-7.169e+04	-5.482e+05
		-5.482e+05	-7.169e+04	-0.09	-1798.20	600.0	-434.20	-6988.50	-899.10	0.0	-7.169e+04	-5.482e+05
10	81	3.363e+05	1.053e+05	-0.46	-9405.00	0.0	-342.92	4702.50	1498.50	0.0	-1.195e+05	-3.691e+05
		-3.691e+05	-1.195e+05	-0.14	-2997.00	600.0	-342.92	-4702.50	-1498.50	0.0	-1.195e+05	-3.691e+05
10	97	5.019e+05	4.100e+04	-0.69	-1.398e+04	0.0	-315.47	6988.50	-449.55	0.0	4.100e+04	-5.464e+05
		-5.464e+05	-2.644e+04	0.03	899.10	600.0	-315.47	-6988.50	449.55	0.0	4.100e+04	-5.464e+05
10	109	2.452e+05	6.833e+04	-0.34	-6810.00	0.0	-80.34	3405.00	-749.25	0.0	6.833e+04	-2.655e+05
		-2.655e+05	-4.406e+04	0.05	1498.50	600.0	-80.34	-3405.00	749.25	0.0	6.833e+04	-2.655e+05
10	113	2.647e+05	3982.95	-0.36	-7050.00	0.0	-193.73	2979.25	13.28	-7337.43	-3982.17	-1.125e+05
		-4.400e+05	-3982.17	-0.13	0.0	600.0	-193.73	-4070.75	13.28	-7337.43	3982.95	-4.400e+05
10	116	2.650e+05	3982.17	-0.34	-7050.00	0.0	-188.11	4070.75	-13.28	7337.43	3982.17	-4.397e+05
		-4.397e+05	-3982.95	0.13	0.0	600.0	-188.11	-2979.25	-13.28	7337.43	-3982.95	-1.122e+05
10	133	2.521e+05	3504.91	-0.35	-7050.00	0.0	-200.29	3305.95	11.68	-6250.62	-3502.33	-2.110e+05
		-3.424e+05	-3502.33	-0.06	0.0	600.0	-200.29	-3744.05	11.68	-6250.62	3504.91	-3.424e+05
10	135	2.521e+05	5119.63	-0.34	-7050.00	0.0	-200.29	3576.83	17.06	-8931.38	-5117.05	-2.922e+05
		-2.922e+05	-5117.05	-0.12	0.0	600.0	-200.29	-3473.17	17.06	-8931.38	5119.63	-2.612e+05
10	136	2.532e+05	3502.33	-0.35	-7050.00	0.0	-181.55	3744.05	-11.68	6250.62	3502.33	-3.413e+05
		-3.413e+05	-3504.91	0.06	0.0	600.0	-181.55	-3305.95	-11.68	6250.62	-3504.91	-2.098e+05
10	144	2.532e+05	5117.05	-0.35	-7050.00	0.0	-181.55	3576.83	17.06	-8931.38	-5119.63	-2.911e+05
		-2.911e+05	-5119.63	-0.12	0.0	600.0	-181.55	-3473.17	17.06	-8931.38	5117.05	-2.600e+05
10	145	2.629e+05	3630.48	-0.36	-7050.00	0.0	-193.48	3027.55	12.10	-6688.11	-3629.78	-1.270e+05
		-4.255e+05	-3629.78	-0.12	0.0	600.0	-193.48	-4022.45	12.10	-6688.11	3630.48	-4.255e+05
10	148	2.632e+05	3629.78	-0.34	-7050.00	0.0	-188.36	4022.45	-12.10	6688.11	3629.78	-4.252e+05
		-4.252e+05	-3630.48	0.12	0.0	600.0	-188.36	-3027.55	-12.10	6688.11	-3630.48	-1.267e+05
10	165	2.521e+05	3194.75	-0.35	-7050.00	0.0	-199.46	3325.33	10.65	-5697.49	-3192.40	-2.167e+05
		-3.365e+05	-3192.40	-0.05	0.0	600.0	-199.46	-3724.67	10.65	-5697.49	3194.75	-3.365e+05
10	167	2.521e+05	4666.58	-0.34	-7050.00	0.0	-199.46	3572.24	15.55	-8141.02	-4664.23	-2.908e+05
		-2.908e+05	-4664.23	-0.11	0.0	600.0	-199.46	-3477.76	15.55	-8141.02	4666.58	-2.625e+05
10	168	2.532e+05	3192.40	-0.35	-7050.00	0.0	-182.38	3724.67	-10.65	5697.49	3192.40	-3.355e+05
		-3.355e+05	-3194.75	0.05	0.0	600.0	-182.38	-3325.33	-10.65	5697.49	-3194.75	-2.157e+05
10	176	2.532e+05	4664.23	-0.35	-7050.00	0.0	-182.38	3572.24	15.55	-8141.02	-4666.58	-2.897e+05
		-2.897e+05	-4666.58	-0.11	0.0	600.0	-182.38	-3477.76	15.55	-8141.02	4664.23	-2.614e+05
Trave		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**		**N**	**V 2**	**V 3**	**T**		
		-6.000e+05	-1.195e+05	-0.69	-1.398e+04		-434.20	-7162.95	-1498.50	-1.054e+04		
		5.019e+05	1.195e+05	0.14	2997.00		98.35	6988.50	1498.50	1.054e+04		

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm
6	27	8.156e+04	1.591e+04	0.04	-1.19	0.0	-129.43	-6828.36	-299.70	-2.065e+04	1.591e+04	8.156e+04
		-5.115e+05	-1.406e+04	4.76e-04		400.0	-129.43	6828.36	299.70	2.065e+04	1.591e+04	8.156e+04
6	35	5.089e+04	2.652e+04	0.02	-0.72	0.0	-2.06	-3945.02	-499.50	-1.390e+04	2.652e+04	5.089e+04
		-2.924e+05	-2.343e+04	7.93e-04		400.0	-2.06	3945.02	499.50	1.390e+04	2.652e+04	5.089e+04
6	84	2.489e+05	7.443e+04	0.03	-1.18	0.0	-259.24	-6226.21	507.78	3.201e+04	-1.287e+05	2.489e+05
		-4.639e+05	-1.287e+05	1.56e-03		400.0	-259.24	5249.31	507.78	6.157e+04	7.443e+04	-1.244e+05
6	105	2.344e+05	7.443e+04	0.03	-1.05	0.0	-222.44	-4116.82	-507.78	-5.973e+04	7.443e+04	-1.389e+05
		-3.851e+05	-1.287e+05	1.43e-03		400.0	-222.44	5093.72	-507.78	-3.385e+04	-1.287e+05	2.344e+05
6	106	2.439e+05	7.443e+04	0.03	-1.14	0.0	-253.58	-4857.00	-507.78	-6.296e+04	7.443e+04	-1.294e+05

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		-4.366e+05	-1.287e+05	1.43e-03		400.0	-253.58	5833.91	-507.78	-3.062e+04	-1.287e+05	2.439e+05
6	108	2.489e+05	7.443e+04	0.03	-1.18	0.0	-259.24	-5249.31	-507.78	-6.157e+04	7.443e+04	-1.244e+05
		-4.639e+05	-1.287e+05	1.43e-03		400.0	-259.24	6226.21	-507.78	-3.201e+04	-1.287e+05	2.489e+05
6	113	1.604e+05	5908.26	0.02	-0.88	0.0	-93.85	-2310.24	-29.50	-3.421e+04	5908.26	1.604e+05
		-2.109e+05	-5891.18	-0.01		400.0	-93.85	4688.57	-29.50	-1.057e+04	-5891.18	1.306e+05
6	116	-5.627e+04	5891.18	0.02	-0.50	0.0	-64.96	-4841.06	29.50	1.549e+04	-5908.26	-8.610e+04
		-3.418e+05	-5908.26	0.01		400.0	-64.96	2462.74	29.50	2.930e+04	5891.18	-5.627e+04
6	133	2.878e+05	5159.53	-0.03	-0.89	0.0	-83.74	-2711.16	-25.78	-5.833e+04	5159.53	2.745e+05
		-2.546e+05	-5154.40	-0.01		400.0	-83.74	4528.55	-25.78	-4.230e+04	-5154.40	2.878e+05
6	136	-2.002e+05	5154.40	0.03	-0.49	0.0	-75.07	-4440.14	25.78	3.960e+04	-5159.53	-2.002e+05
		-3.548e+05	-5159.53	0.01		400.0	-75.07	2622.76	25.78	6.103e+04	5154.40	-2.135e+05
6	138	-1.208e+05	7599.12	0.02	-0.59	0.0	-83.74	-3675.08	-37.98	4.238e+04	7599.12	-1.208e+05
		-2.999e+05	-7594.00	-0.02		400.0	-83.74	3430.48	-37.98	6.259e+04	-7594.00	-1.298e+05
6	144	-1.456e+05	7594.00	0.02	-0.51	0.0	-75.07	-4245.64	-37.98	4.663e+04	7594.00	-1.456e+05
		-3.325e+05	-7599.12	-0.02		400.0	-75.07	2817.27	-37.98	6.806e+04	-7599.12	-1.589e+05
6	145	1.495e+05	5385.42	0.02	-0.86	0.0	-92.57	-2422.48	-26.89	-3.201e+04	5385.42	1.495e+05
		-2.164e+05	-5369.85	-0.01		400.0	-92.57	4589.80	-26.89	-8802.95	-5369.85	1.223e+05
6	148	-4.800e+04	5369.85	0.02	-0.51	0.0	-66.24	-4728.83	26.89	1.328e+04	-5385.42	-7.519e+04
		-3.353e+05	-5385.42	0.01		400.0	-66.24	2561.50	26.89	2.753e+04	5369.85	-4.800e+04
6	165	2.656e+05	4702.94	-0.03	-0.87	0.0	-83.36	-2787.97	-23.50	-5.398e+04	4702.94	2.535e+05
		-2.562e+05	-4698.27	-0.01		400.0	-83.36	4443.94	-23.50	-3.771e+04	-4698.27	2.656e+05
6	168	-1.792e+05	4698.27	0.03	-0.50	0.0	-75.46	-4363.34	23.50	3.525e+04	-4702.94	-1.792e+05
		-3.442e+05	-4702.94	0.01		400.0	-75.46	2707.37	23.50	5.644e+04	4698.27	-1.913e+05
6	170	-1.068e+05	6926.65	0.02	-0.60	0.0	-83.36	-3665.98	-34.62	3.779e+04	6926.65	-1.068e+05
		-2.942e+05	-6921.98	-0.02		400.0	-83.36	3443.62	-34.62	5.787e+04	-6921.98	-1.150e+05
6	176	-1.294e+05	6921.98	0.02	-0.52	0.0	-75.46	-4185.94	-34.62	4.166e+04	6921.98	-1.294e+05
		-3.239e+05	-6926.65	-0.02		400.0	-75.46	2884.77	-34.62	6.285e+04	-6926.65	-1.415e+05
8	25	-9.506e+04	2.734e+04	0.05	-1.11	0.0	949.74	-2541.41	-75.05	1.381e+04	2.734e+04	-9.506e+04
		-3.393e+05	-1.769e+04	-6.61e-04		600.0	949.74	2189.40	-75.05	-2.882e+04	-1.769e+04	-2.548e+05
8	61	4.821e+04	4.557e+04	0.03	-0.69	0.0	389.46	-875.75	125.09	2.444e+04	-2.949e+04	-2.181e+05
		-2.388e+05	-2.949e+04	-1.08e-03		600.0	389.46	1462.42	125.09	586.65	4.557e+04	4.821e+04
8	75	-1.478e+05	2.546e+04	0.05	-1.22	0.0	1172.37	-2688.29	449.55	2.852e+04	-4.197e+04	-1.478e+05
		-2.899e+05	-4.197e+04	-1.57e-03		600.0	1172.37	2688.29	-449.55	-2.852e+04	-4.197e+04	-1.478e+05
8	105	-1.030e+05	1.087e+05	0.02	-0.74	0.0	453.84	-367.69	-1498.50	6517.75	1.087e+05	-1.751e+05
		-1.807e+05	-1.161e+05	8.35e-03		600.0	453.84	367.69	1498.50	-6517.75	1.087e+05	-1.751e+05
8	109	-5.918e+04	1.087e+05	0.02	-0.47	0.0	265.19	23.00	-1498.50	2140.55	1.087e+05	-1.417e+05
		-1.417e+05	-1.161e+05	8.35e-03		600.0	265.19	-23.00	1498.50	-2140.55	1.087e+05	-1.417e+05
8	121	1.860e+05	1397.33	0.03	-0.82	0.0	505.11	13.37	4.68	-2876.83	-1409.48	1.741e+05
		-9.843e+04	-1409.48	0.01		600.0	505.11	2268.67	4.68	-3.132e+04	1397.33	1.860e+05
8	124	-1.414e+05	1409.48	0.02	-0.55	0.0	518.51	-2162.07	-4.68	2.819e+04	1409.48	-3.548e+05
		-3.667e+05	-1397.33	-0.01		600.0	518.51	-119.98	-4.68	6013.88	-1397.33	-3.667e+05
8	129	6.332e+04	5124.87	0.04	-0.91	0.0	489.48	191.09	-17.15	-1.264e+04	5124.87	2.369e+04
		-6.845e+04	-5165.36	-0.02		600.0	489.48	2695.13	-17.15	-4.840e+04	-5165.36	6.332e+04
8	130	-8.119e+04	3533.31	0.01	-0.55	0.0	534.14	-2117.63	11.71	1.951e+04	-3492.82	-8.119e+04
		-1.916e+05	-3492.82	8.37e-03		600.0	534.14	-324.28	11.71	4653.00	3533.31	-1.208e+05
8	131	-4.829e+04	3492.82	0.04	-0.83	0.0	489.48	-31.06	-11.71	5803.86	3492.82	-9.950e+04
		-1.668e+05	-3533.31	-8.37e-03		600.0	489.48	2472.98	-11.71	-2.996e+04	-3533.31	-5.988e+04
8	138	-8.119e+04	5165.36	0.01	-0.55	0.0	534.14	-2472.98	-17.15	2.996e+04	5165.36	-1.208e+05
		-1.916e+05	-5124.87	-0.02		600.0	534.14	31.06	-17.15	-5803.86	-5124.87	-8.119e+04
8	153	1.616e+05	1273.68	0.03	-0.81	0.0	505.71	-83.11	4.26	-1494.39	-1284.75	1.507e+05
		-1.003e+05	-1284.75	0.01		600.0	505.71	2162.78	4.26	-2.966e+04	1273.68	1.616e+05
8	156	-1.395e+05	1284.75	0.02	-0.56	0.0	517.92	-2065.59	-4.26	2.680e+04	1284.75	-3.314e+05
		-3.423e+05	-1273.68	-0.01		600.0	517.92	-14.09	-4.26	4353.89	-1273.68	-3.423e+05
8	161	4.971e+04	4671.35	0.04	-0.89	0.0	491.46	78.69	-15.63	-1.040e+04	4671.35	1.358e+04
		-7.473e+04	-4708.26	-0.02		600.0	491.46	2551.37	-15.63	-4.524e+04	-4708.26	4.971e+04
8	162	-8.198e+04	3220.63	0.01	-0.56	0.0	532.16	-2025.01	10.67	1.890e+04	-3183.73	-8.198e+04
		-1.852e+05	-3183.73	7.63e-03		600.0	532.16	-200.30	10.67	3122.01	3220.63	-1.181e+05
8	163	-5.464e+04	3183.73	0.04	-0.82	0.0	491.46	-123.69	-10.67	6409.66	3183.73	-9.871e+04
		-1.640e+05	-3220.63	-7.63e-03		600.0	491.46	2348.99	-10.67	-2.843e+04	-3220.63	-6.258e+04
8	170	-8.198e+04	4708.26	0.02	-0.56	0.0	532.16	-2348.99	-15.63	2.843e+04	4708.26	-1.181e+05
		-1.852e+05	-4671.35	-0.02		600.0	532.16	123.69	-15.63	-6409.66	-4671.35	-8.198e+04
11	51	8.156e+04	1.406e+04	0.04	-1.19	0.0	-129.43	-6828.36	299.70	2.065e+04	-1.591e+04	8.156e+04
		-5.115e+05	-1.591e+04	-4.76e-04		400.0	-129.43	6828.36	-299.70	-2.065e+04	-1.591e+04	8.156e+04
11	61	5.089e+04	2.343e+04	0.02	-0.72	0.0	-2.06	-3945.02	499.50	1.390e+04	-2.652e+04	5.089e+04
		-2.924e+05	-2.652e+04	-7.93e-04		400.0	-2.06	3945.02	-499.50	-1.390e+04	-2.652e+04	5.089e+04
11	84	2.489e+05	1.287e+05	0.03	-1.18	0.0	-259.24	-6226.21	-507.78	-3.201e+04	1.287e+05	2.489e+05
		-4.639e+05	-7.443e+04	-1.56e-03		400.0	-259.24	5249.31	-507.78	-6.157e+04	-7.443e+04	-1.244e+05
11	105	2.344e+05	1.287e+05	0.03	-1.05	0.0	-222.44	-4116.82	507.78	5.973e+04	-7.443e+04	-1.389e+05
		-3.851e+05	-7.443e+04	-1.43e-03		400.0	-222.44	5093.72	507.78	3.385e+04	1.287e+05	2.344e+05
11	108	2.489e+05	1.287e+05	0.03	-1.18	0.0	-259.24	-5249.31	507.78	6.157e+04	-7.443e+04	-1.244e+05
		-4.639e+05	-7.443e+04	-1.43e-03		400.0	-259.24	6226.21	507.78	3.201e+04	1.287e+05	2.489e+05
11	118	2.307e+04	5908.26	-0.02	-0.79	0.0	-64.96	-2681.01	-29.50	1.323e+04	5908.26	2.307e+04
		-2.250e+05	-5891.18	-0.01		400.0	-64.96	4317.81	-29.50	-581.24	-5891.18	-6757.10

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
11	119	8.109e+04	5891.18	0.04	-0.59	0.0	-93.85	-4470.30	29.50	5495.12	-5908.26	5.127e+04
		-3.339e+05	-5908.26	0.01		400.0	-93.85	2833.50	29.50	-1.815e+04	5891.18	8.109e+04
11	132	-1.446e+05	7594.00	0.03	-0.50	0.0	-83.74	-4323.09	37.98	6.741e+04	-7599.12	-1.536e+05
		-3.307e+05	-7599.12	0.02		400.0	-83.74	2873.96	37.98	4.720e+04	7594.00	-1.446e+05
11	134	-1.155e+05	7599.12	0.02	-0.59	0.0	-75.07	-3752.53	37.98	6.316e+04	-7594.00	-1.288e+05
		-3.027e+05	-7594.00	0.02		400.0	-75.07	3487.18	37.98	4.173e+04	7599.12	-1.155e+05
11	141	2.878e+05	7555.47	-0.03	-0.89	0.0	-75.07	-2711.16	37.76	-3.960e+04	-7550.35	2.745e+05
		-2.546e+05	-7550.35	0.02		400.0	-75.07	4528.55	37.76	-6.103e+04	7555.47	2.878e+05
11	144	-2.002e+05	7550.35	0.03	-0.49	0.0	-83.74	-4440.14	-37.76	5.833e+04	7550.35	-2.002e+05
		-3.548e+05	-7555.47	-0.02		400.0	-83.74	2622.76	-37.76	4.230e+04	-7555.47	-2.135e+05
11	150	2.432e+04	5385.42	-0.02	-0.78	0.0	-66.24	-2760.29	-26.89	1.289e+04	5385.42	2.432e+04
		-2.278e+05	-5369.85	-0.01		400.0	-66.24	4251.99	-26.89	-1362.28	-5369.85	-2875.84
11	151	7.721e+04	5369.85	0.03	-0.60	0.0	-92.57	-4391.02	26.89	5841.40	-5385.42	5.002e+04
		-3.285e+05	-5385.42	0.01		400.0	-92.57	2899.31	26.89	-1.737e+04	5369.85	7.721e+04
11	164	-1.285e+05	6921.98	0.03	-0.52	0.0	-83.36	-4256.54	34.62	6.226e+04	-6926.65	-1.367e+05
		-3.222e+05	-6926.65	0.02		400.0	-83.36	2936.47	34.62	4.219e+04	6921.98	-1.285e+05
11	166	-1.020e+05	6926.65	0.02	-0.60	0.0	-75.46	-3736.59	34.62	5.839e+04	-6921.98	-1.141e+05
		-2.968e+05	-6921.98	0.02		400.0	-75.46	3495.31	34.62	3.720e+04	6926.65	-1.020e+05
11	173	2.656e+05	6886.86	-0.03	-0.87	0.0	-75.46	-2787.97	34.42	-3.525e+04	-6882.19	2.535e+05
		-2.562e+05	-6882.19	0.02		400.0	-75.46	4443.94	34.42	-5.644e+04	6886.86	2.656e+05
11	176	-1.792e+05	6882.19	0.03	-0.50	0.0	-83.36	-4363.34	-34.42	5.398e+04	6882.19	-1.792e+05
		-3.442e+05	-6886.86	-0.02		400.0	-83.36	2707.37	-34.42	3.771e+04	-6886.86	-1.913e+05
12	25	-9.506e+04	1.769e+04	0.05	-1.11	0.0	949.74	-2541.41	75.05	-1.381e+04	-2.734e+04	-9.506e+04
		-3.393e+05	-2.734e+04	6.61e-04		600.0	949.74	2189.40	75.05	2.882e+04	1.769e+04	-2.548e+05
12	61	4.821e+04	2.949e+04	0.03	-0.69	0.0	389.46	-875.75	-125.09	-2.444e+04	2.949e+04	-2.181e+05
		-2.388e+05	-4.557e+04	1.08e-03		600.0	389.46	1462.42	-125.09	-586.65	-4.557e+04	4.821e+04
12	81	-1.030e+05	1.161e+05	0.02	-0.74	0.0	453.84	-367.69	1498.50	-6517.75	-1.087e+05	-1.751e+05
		-1.807e+05	-1.087e+05	-8.35e-03		600.0	453.84	367.69	-1498.50	6517.75	-1.087e+05	-1.751e+05
12	85	-5.918e+04	1.161e+05	0.02	-0.47	0.0	265.19	23.00	1498.50	-2140.55	-1.087e+05	-1.417e+05
		-1.417e+05	-1.087e+05	-8.35e-03		600.0	265.19	-23.00	-1498.50	2140.55	-1.087e+05	-1.417e+05
12	99	-1.478e+05	4.197e+04	0.05	-1.22	0.0	1172.37	-2688.29	-449.55	-2.852e+04	4.197e+04	-1.478e+05
		-2.899e+05	-2.546e+04	1.57e-03		600.0	1172.37	2688.29	449.55	2.852e+04	4.197e+04	-1.478e+05
12	113	1.773e+05	3994.78	-0.03	-0.83	0.0	518.51	-98.58	-13.34	-3.370e+04	3994.78	1.654e+05
		-9.843e+04	-4006.93	-0.02		600.0	518.51	2156.72	-13.34	-1.153e+04	-4006.93	1.773e+05
12	116	-1.414e+05	4006.93	0.03	-0.53	0.0	505.11	-2050.12	13.34	8388.67	-3994.78	-3.461e+05
		-3.580e+05	-3994.78	0.02		600.0	505.11	-8.03	13.34	3.684e+04	4006.93	-3.580e+05
12	134	-8.838e+04	5165.36	0.04	-0.56	0.0	489.48	-2153.94	17.15	-7789.67	-5124.87	-8.838e+04
		-1.916e+05	-5124.87	0.02		600.0	489.48	-360.59	17.15	2.798e+04	5165.36	-1.280e+05
12	135	-4.829e+04	5124.87	-0.03	-0.83	0.0	534.14	5.25	-17.15	-1.752e+04	5124.87	-9.232e+04
		-1.625e+05	-5165.36	-0.02		600.0	534.14	2509.29	-17.15	-2667.19	-5165.36	-5.269e+04
12	141	5.613e+04	5124.87	-0.03	-0.91	0.0	534.14	510.13	17.15	-5.039e+04	-5165.36	5.613e+04
		-7.261e+04	-5165.36	0.02		600.0	534.14	2303.48	17.15	-1.462e+04	5124.87	1.651e+04
12	145	1.536e+05	3641.27	-0.02	-0.82	0.0	517.92	-185.15	-12.16	-3.183e+04	3641.27	1.427e+05
		-1.003e+05	-3652.34	-0.02		600.0	517.92	2060.74	-12.16	-9380.33	-3652.34	1.536e+05
12	148	-1.395e+05	3652.34	0.03	-0.55	0.0	505.71	-1963.54	12.16	6520.83	-3641.27	-3.234e+05
		-3.343e+05	-3641.27	0.02		600.0	505.71	87.96	12.16	3.469e+04	3652.34	-3.343e+05
12	166	-8.853e+04	4708.26	0.04	-0.57	0.0	491.46	-2058.14	15.63	-8220.05	-4671.35	-8.853e+04
		-1.852e+05	-4671.35	0.02		600.0	491.46	-233.43	15.63	2.662e+04	4708.26	-1.247e+05
12	167	-5.464e+04	4671.35	-0.02	-0.82	0.0	532.16	-90.56	-15.63	-1.709e+04	4671.35	-9.216e+04
		-1.601e+05	-4708.26	-0.02		600.0	532.16	2382.12	-15.63	-1311.62	-4708.26	-5.604e+04
12	173	4.316e+04	4671.35	-0.03	-0.89	0.0	532.16	369.54	15.63	-4.705e+04	-4708.26	4.316e+04
		-7.818e+04	-4708.26	0.02		600.0	532.16	2194.25	15.63	-1.221e+04	4671.35	7034.35
Trave f.		**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Pt**		**N**	**V 2**	**V 3**	**T**		
		-5.115e+05	-1.287e+05	-0.03	-1.22		-259.24	-6828.36	-1498.50	-6.296e+04		
		2.878e+05	1.287e+05	0.05	-0.47		1172.37	6828.36	1498.50	6.806e+04		

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

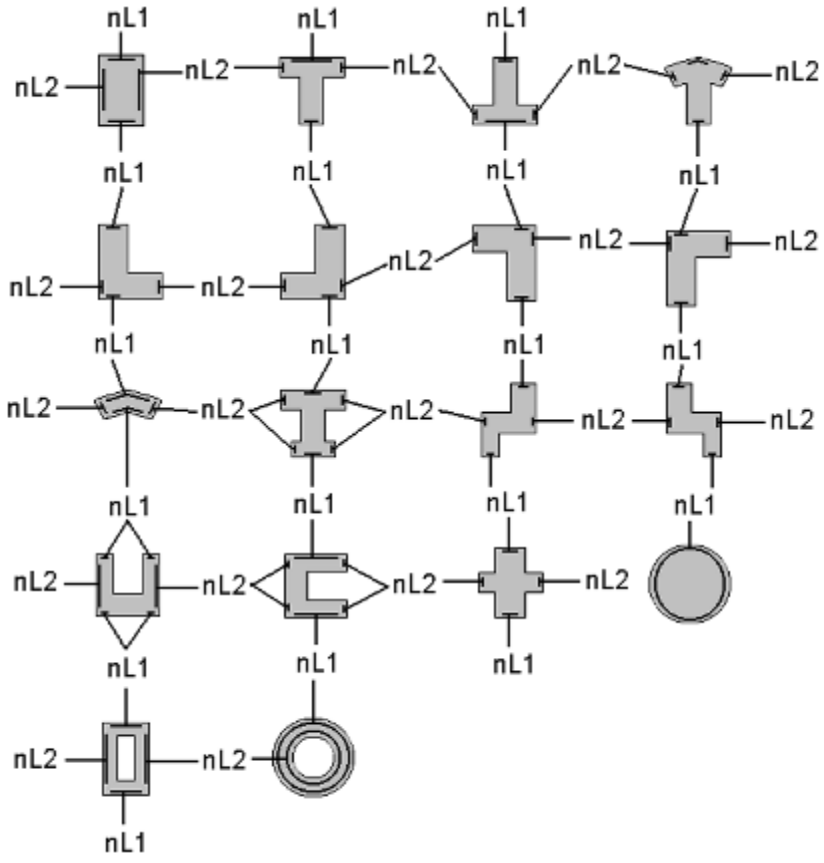
Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d, le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

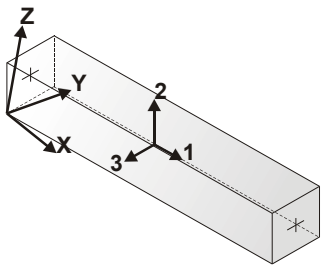
Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze **(G.R.)** vengono riportate le verifiche di sovraresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

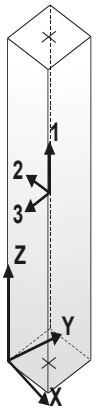
Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali





Orientamento elementi 2D non verticali



Orientamento elementi 2D verticali

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

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

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

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

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

Simbologia adottata nelle tabelle di verifica

Per le verifiche alle T.A. di pilastri e travi è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
M_T Z P P	Numero della travata, quota media pilastrata iniziale e finale (nodo in assenza di pilastrata)
Pilas. o Trave	numero identificativo dell'elemento D2
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m); nella terza riga viene riportato il valore delle snellezze in direzione 2-2 e 3-3
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Quota	Ascissa del punto di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Armat. long.	Numero e diametro dei ferri di armatura longitudinale: ferri di vertice + ferri di lato (come da fig. precedente)
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup	Area di armatura longitudinale posta all'estradosso della trave
Sc max	Massima tensione di compressione del calcestruzzo
Sc med	Massima tensione media di compressione del calcestruzzo
Sf max	Tensione massima nell'acciaio
staffe	Vengono riportati i dati del tratto di staffatura in cui cade la sezione di verifica; in particolare: numero dei bracci, diametro, passo, lunghezza tratto
Tau max	Tensione massima tangenziale nel cls
Rif. comb	Combinazioni in cui si generano i seguenti valori di tensione: Sc max, Sc med, Sf max, Tau max
AfV	area dell'armatura atta ad assorbire le azioni di taglio
AfT	area dell'armatura atta ad assorbire le azioni di torsione
Scorr. P	Scorrimento dei piegati
Af long.	Area del ferro longitudinale aggiuntivo per assorbire la torsione

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^*: valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto Nsd/Nrd ed Nrd calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche alla G.R. dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	numero identificativo dell'elemento D2 pilastro
sovr. Xi (Xf)	Verifica sovraresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovraresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per le verifiche dei dettagli costruttivi per la duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29
dmu_fi 2-2 (3-3)	Domanda in duttilità di curvatura in direzione 2 (3)
cmu_fi 2-2 (3-3)	Capacità in duttilità di curvatura in direzione 2 (3)
V. dutt. 2-2 (3-3)	Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3)

Per le verifiche nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
Bj2 (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
Hjc2 (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio Vjbd e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effattivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Fattore di sicurezza nei riguardi della verifica di resistenza a compressione (verificato se < 1.00).
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione.
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione.
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione.
ver. (-)	Fattore di sicurezza nei riguardi della verifica di resistenza a trazione (verificato se < 1.00).
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione.
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione.
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione.
Area G	Area resistente del nodo.
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte

%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

Per le verifiche alla G.R. delle travi è presente una tabella con i simboli di seguito descritti:

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
VEd, min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
VEd, max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
Vr1	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

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

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					M_P= 1	**X=0.0**	**Y=0.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
			cm						L=cm			
1	s=1,m=1	ok,ok	0.0	1.37	0.37	4d14 2+2 d14	0.65	0.07	3+3d8/10 L=50	0.48	0.18	119,144,139,135
			150.0	1.37	0.37	4d14 2+2 d14	0.30	0.07	3+3d8/15 L=200	0.48	0.27	25,144,139,135
	[b=1.0;1.0]		300.0	1.37	0.37	4d14 2+2 d14	0.91	0.06	3+3d8/10 L=50	0.48	0.18	51,144,139,135
					M_P= 2	**X=600.0**	**Y=0.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
4	s=1,m=1	ok,ok	0.0	1.37	0.37	4d14 2+2 d14	0.65	0.07	3+3d8/10 L=50	0.48	0.18	113,134,129,144
			150.0	1.37	0.37	4d14 2+2 d14	0.30	0.07	3+3d8/15 L=200	0.48	0.27	49,134,129,144
	[b=1.0;1.0]		300.0	1.37	0.37	4d14 2+2 d14	0.91	0.06	3+3d8/10 L=50	0.48	0.18	27,134,129,144
					M_P= 3	**X=0.0**	**Y=400.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
2	s=1,m=1	ok,ok	0.0	1.37	0.37	4d14 2+2 d14	0.65	0.07	3+3d8/10 L=50	0.48	0.18	128,139,144,129
			150.0	1.37	0.37	4d14 2+2 d14	0.30	0.07	3+3d8/15 L=200	0.48	0.27	25,139,144,129

	[b=1.0;1.0]		300.0	1.37	0.37	4d14 2+2 d14	0.91	0.06	3+3d8/10 L=50	0.48	0.18	51,139,144,129
					M_P= 4	**X=600.0**	**Y=400.0**					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
3	s=1,m=1	ok,ok	0.0	1.37	0.37	4d14 2+2 d14	0.65	0.07	3+3d8/10 L=50	0.48	0.18	122,129,134,138
			150.0	1.37	0.37	4d14 2+2 d14	0.30	0.07	3+3d8/15 L=200	0.48	0.27	49,129,134,138
	[b=1.0;1.0]		300.0	1.37	0.37	4d14 2+2 d14	0.91	0.06	3+3d8/10 L=50	0.48	0.18	27,129,134,138
Pilas.				**%Af**	**r. snell.**		**V N/M**	**V N sis**		**V V/T cls**	**V V/T acc**	
				1.37	0.37		0.91	0.07		0.48	0.27	

Pilas.	**sovr. Xi**	**sovr. Xf**	**sovr. Yi**	**sovr. Yf**	**M 2-2 i**	**M 2-2 f**	**M 3-3 i**	**M 3-3 f**	**Luce per V**	**V M2-2**	**V M3-3**
					daN cm	daN cm	daN cm	daN cm	cm	daN	daN
1	0.0	0.0	0.0	0.0	6.391e+05	6.319e+05	6.391e+05	6.319e+05	260.00	5407.75	5407.75
2	0.0	0.0	0.0	0.0	6.391e+05	6.319e+05	6.391e+05	6.319e+05	260.00	5407.75	5407.75
3	0.0	0.0	0.0	0.0	6.391e+05	6.319e+05	6.391e+05	6.319e+05	260.00	5407.75	5407.75
4	0.0	0.0	0.0	0.0	6.391e+05	6.319e+05	6.391e+05	6.319e+05	260.00	5407.75	5407.75
Pilas.					**M 2-2 i**	**M 2-2 f**	**M 3-3 i**	**M 3-3 f**		**V M2-2**	**V M3-3**
					6.391e+05	6.319e+05	6.391e+05	6.319e+05		5407.75	5407.75

Pilas.	**nid**	**alfaomega**	**V. 7.4.29**	**V. 7.4.29**	**V. 7.4.29**	**dmu_fi**	**dmu_fi**	**cmu_fi**	**cmu_fi**	**V. dut.**	**V. dut.**
			2-2	**3-3**	**Stato**	**2-2**	**3-3**	**2-2**	**3-3**	**2-2**	**3-3**
1	0.05	0.15	0.0	0.0	ok	5.9	5.8	21.9	21.9	0.27	0.26
	0.04	0.15	0.0	0.0	ok			22.9	22.9	0.26	0.25
2	0.05	0.15	0.0	0.0	ok	5.9	5.8	21.9	21.9	0.27	0.26
	0.04	0.15	0.0	0.0	ok			22.9	22.9	0.26	0.25
3	0.05	0.15	0.0	0.0	ok	5.9	5.8	21.9	21.9	0.27	0.26
	0.04	0.15	0.0	0.0	ok			22.9	22.9	0.26	0.25
4	0.05	0.15	0.0	0.0	ok	5.9	5.8	21.9	21.9	0.27	0.26
	0.04	0.15	0.0	0.0	ok			22.9	22.9	0.26	0.25
			2-2	**3-3**						**2-2**	**3-3**
			0.0	0.0						0.27	0.26

Nodo	**Conf.**	**Stato**	**Pilas.**	**Diam st**	**Passo**	**n. br. 2**	**Bj2**	**Hjc2**	**n. br. 3**	**Bj3**	**Hjc3**	**V. 7.4.8**	**V. Ash**	**7.4.10**	**Rif. cmb**
				mm	cm		cm	cm		cm	cm				
5	NO	ok	2	8	5.0	3	30.0	23.0	3	30.0	23.0	0.6	0.6	NO	113,138
6	NO	ok	3	8	5.0	3	30.0	23.0	3	30.0	23.0	0.6	0.6	NO	113,132
7	NO	ok	1	8	5.0	3	30.0	23.0	3	30.0	23.0	0.6	0.6	NO	113,141
8	NO	ok	4	8	5.0	3	30.0	23.0	3	30.0	23.0	0.6	0.6	NO	113,135
Nodo					**Passo**							**V. 7.4.8**	**V. Ash**		
					5.00										
												0.62	0.63		

							M_T= 2	**Z=0.0**	**P=2**	**P=4**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
		cm									L=cm		
6	ok,ok	0.0	0.20	7.1	7.1	0.0	0.08	0.26	0.13	0.11	2d12/15 L=50	129,108,27	
	s=3,m=1	200.0	0.20	7.1	7.1	0.0	0.08	0.41	0.06	0.03	2d12/20 L=270	27,144,136	
		400.0	0.20	7.1	7.1	0.0	0.08	0.27	0.13	0.11	2d12/15 L=50	133,84,27	
							M_T= 4	**Z=0.0**	**P=3**	**P=4**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
8	ok,ok	0.0	0.20	7.1	7.1	0.0	0.08	0.35	0.08	0.05	2d12/15 L=50	128,140,82	
	s=3,m=1	300.0	0.20	7.1	7.1	0.0	0.08	0.24	0.04	0.02	2d12/20 L=470	73,113,121	
		600.0	0.20	7.1	7.1	0.0	0.08	0.35	0.08	0.05	2d12/15 L=50	124,129,82	
							M_T= 7	**Z=0.0**	**P=1**	**P=3**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
11	ok,ok	0.0	0.20	7.1	7.1	0.0	0.08	0.26	0.13	0.11	2d12/15 L=50	137,108,51	
	s=3,m=1	200.0	0.20	7.1	7.1	0.0	0.08	0.41	0.06	0.03	2d12/20 L=270	51,133,144	
		400.0	0.20	7.1	7.1	0.0	0.08	0.27	0.13	0.11	2d12/15 L=50	141,84,51	
							M_T= 8	**Z=0.0**	**P=1**	**P=2**			

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
12	ok,ok	0.0	0.20	7.1	7.1	0.0	0.08	0.34	0.08	0.05	2d12/15 L=50	120,106,106	
	s=3,m=1	300.0	0.20	7.1	7.1	0.0	0.08	0.24	0.04	0.02	2d12/20 L=470	97,125,113	
		600.0	0.20	7.1	7.1	0.0	0.08	0.34	0.08	0.05	2d12/15 L=50	116,106,106	
							M_T= 1	**Z=300.0**	**P=2**	**P=4**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
5	ok,ok	0.0	0.45	4.0	4.0	0.0	0.15	0.52	0.22	0.06	2d8/5 L=50	132,129,144	
	s=2,m=1	200.0	0.45	4.0	4.0	0.0	0.15	0.11	0.19	0.20	2d8/20 L=270	27,132,144	
		400.0	0.45	4.0	4.0	0.0	0.15	0.52	0.22	0.06	2d8/5 L=50	135,129,144	
							M_T= 3	**Z=300.0**	**P=3**	**P=4**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
7	ok,ok	0.0	0.79	4.0	7.1	0.0	0.20	0.90	0.45	0.15	2d8/5 L=50	51,97,51	
	s=2,m=1	300.0	0.62	5.6	4.0	0.0	0.17	0.95	0.17	0.17	2d8/20 L=470	73,141,144	
		600.0	0.79	4.0	7.1	0.0	0.20	0.90	0.45	0.15	2d8/5 L=50	27,97,27	
							M_T= 5	**Z=300.0**	**P=1**	**P=3**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
9	ok,ok	0.0	0.45	4.0	4.0	0.0	0.15	0.52	0.22	0.06	2d8/5 L=50	138,138,144	
	s=2,m=1	200.0	0.45	4.0	4.0	0.0	0.15	0.11	0.19	0.20	2d8/20 L=270	51,138,144	
		400.0	0.45	4.0	4.0	0.0	0.15	0.52	0.22	0.06	2d8/5 L=50	141,138,144	
							M_T= 6	**Z=300.0**	**P=1**	**P=2**			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
10	ok,ok	0.0	0.79	4.0	7.1	0.0	0.20	0.90	0.45	0.15	2d8/5 L=50	51,73,51	
	s=2,m=1	300.0	0.62	5.6	4.0	0.0	0.17	0.95	0.17	0.17	2d8/20 L=470	97,132,144	
		600.0	0.79	4.0	7.1	0.0	0.20	0.90	0.45	0.15	2d8/5 L=50	27,73,27	
Trave			**%Af**	**Af inf.**	**Af. sup**	**Af long.**	**x/d**	**V N/M**	**V V/T cls**	**V V/T acc**			
			0.79	7.10	7.10	0.0	0.20	0.95	0.45	0.20			

Trave	**M negativo i**	**M positivo i**	**M negativo f**	**M positivo f**	**Luce per V**	**V M-i M+f**	**V M+i M-f**	**VEd,min**	**VEd,max**	**Vr1**	**As**
	daN cm	daN cm	daN cm	daN cm	cm	daN	daN	daN	daN	daN	cm2
5	3.854e+05	3.854e+05	3.854e+05	3.854e+05	370.00	2291.43	2291.43	0.0	0.0	0.0	0.0
7	6.594e+05	3.854e+05	6.594e+05	3.854e+05	570.00	2016.32	2016.32	0.0	0.0	0.0	0.0
9	3.854e+05	3.854e+05	3.854e+05	3.854e+05	370.00	2291.43	2291.43	0.0	0.0	0.0	0.0
10	6.594e+05	3.854e+05	6.594e+05	3.854e+05	570.00	2016.32	2016.32	0.0	0.0	0.0	0.0
Trave	**M negativo i**	**M positivo i**	**M negativo f**	**M positivo f**		**V M-i M+f**	**V M+i M-f**	**VEd,min**	**VEd,max**	**Vr1**	**As**
								0.0			
	6.594e+05	3.854e+05	6.594e+05	3.854e+05		2291.43	2291.43		0.0	0.0	0.0